

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005490.D
 Acq On : 19 May 2016 03:35
 Operator : UM/SJ
 Sample : H2890-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.863	552	557	563	rVB3	21008	31082	2.10%	0.152%
2	6.834	710	722	727	rBV4	21075	48980	3.31%	0.239%
3	6.992	743	749	756	rBV2	110124	182053	12.31%	0.888%
4	7.169	774	779	785	rBV	68341	103221	6.98%	0.504%
5	7.363	807	812	823	rVB	83461	150628	10.18%	0.735%
6	7.463	823	829	837	rVV2	107634	176334	11.92%	0.860%
7	7.834	884	892	897	rBV2	125610	249114	16.84%	1.216%
8	8.122	938	941	948	rVB3	20026	35080	2.37%	0.171%
9	8.369	978	983	990	rBV5	15414	33317	2.25%	0.163%
10	8.428	990	993	997	rVB	17386	22276	1.51%	0.109%
11	8.492	997	1004	1006	rBV4	23160	55742	3.77%	0.272%
12	8.528	1006	1010	1016	rVB	118891	187598	12.68%	0.915%
13	8.598	1016	1022	1026	rBV2	21842	32936	2.23%	0.161%
14	8.939	1069	1080	1083	rVV4	22947	50094	3.39%	0.244%
15	8.986	1083	1088	1094	rVV	83744	147842	9.99%	0.721%
16	9.063	1094	1101	1111	rVB	118445	201636	13.63%	0.984%
17	9.186	1118	1122	1128	rVB4	15797	31458	2.13%	0.153%
18	9.710	1203	1211	1216	rBV2	67821	115339	7.80%	0.563%
19	10.239	1293	1301	1308	rVB2	121121	203283	13.74%	0.992%
20	10.627	1354	1367	1373	rBV	207891	394528	26.67%	1.925%
21	10.757	1382	1389	1399	rVB	122601	211739	14.31%	1.033%
22	12.286	1642	1649	1658	rVB	72243	110568	7.47%	0.539%
23	12.504	1679	1686	1698	rVB	42956	72620	4.91%	0.354%
24	13.298	1816	1821	1828	rBV	103039	149107	10.08%	0.728%
25	13.521	1856	1859	1865	rVB2	20859	30057	2.03%	0.147%
26	13.627	1871	1877	1878	rBV	28840	39047	2.64%	0.191%
27	13.786	1897	1904	1909	rBV	54321	89714	6.07%	0.438%
28	13.839	1909	1913	1915	rVV2	28398	40371	2.73%	0.197%
29	13.874	1915	1919	1923	rVV	277855	371419	25.11%	1.812%
30	13.921	1923	1927	1932	rVB	125593	163105	11.03%	0.796%
31	14.021	1941	1944	1948	rVB	17416	22378	1.51%	0.109%
32	14.157	1958	1967	1979	rVB	313005	476126	32.19%	2.323%
33	14.368	1998	2003	2008	rBV	54543	70374	4.76%	0.343%
34	14.463	2010	2019	2026	rBV2	364734	584542	39.52%	2.852%

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Integration Parameters: LSCINT.P

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35	14.645	2045	2050	2065	rVB3	125122	221736	14.99%	1.082%
36	14.862	2083	2087	2093	rVB3	29123	45417	3.07%	0.222%
37	14.939	2093	2100	2105	rBV2	23152	40061	2.71%	0.195%
38	14.986	2105	2108	2114	rVV6	16224	27589	1.87%	0.135%
39	15.321	2161	2165	2170	rVB	101280	125043	8.45%	0.610%
40	15.457	2179	2188	2194	rBV	486416	702921	47.52%	3.430%
41	15.562	2200	2206	2214	rBV	108298	155497	10.51%	0.759%
42	15.727	2224	2234	2238	rBV3	38823	81860	5.53%	0.399%
43	15.821	2246	2250	2256	rVB8	16925	29494	1.99%	0.144%
44	15.880	2256	2260	2265	rBV4	17823	35774	2.42%	0.175%
45	15.939	2266	2270	2273	rBV3	19024	25961	1.76%	0.127%
46	16.180	2307	2311	2325	rBV2	190135	383750	25.94%	1.872%
47	16.292	2326	2330	2335	rVV	49625	81200	5.49%	0.396%
48	16.351	2335	2340	2346	rVV2	60511	111508	7.54%	0.544%
49	16.409	2346	2350	2354	rVV2	53778	80019	5.41%	0.390%
50	16.456	2354	2358	2362	rVB2	38003	50777	3.43%	0.248%
51	16.527	2362	2370	2373	rBV3	40071	85284	5.77%	0.416%
52	16.557	2373	2375	2378	rVV2	34774	38415	2.60%	0.187%
53	16.615	2378	2385	2392	rVB6	44795	113000	7.64%	0.551%
54	16.680	2392	2396	2400	rBV2	58987	90811	6.14%	0.443%
55	16.751	2404	2408	2412	rVB2	44497	56210	3.80%	0.274%
56	16.974	2441	2446	2450	rBV	201227	248649	16.81%	1.213%
57	17.027	2450	2455	2463	rVB2	88812	147410	9.97%	0.719%
58	17.204	2480	2485	2493	rBV	566043	820400	55.46%	4.003%
59	17.304	2494	2502	2507	rVV	580207	875054	59.16%	4.270%
60	17.398	2515	2518	2522	rBV5	16797	22269	1.51%	0.109%
61	17.445	2523	2526	2533	rVB2	23925	34435	2.33%	0.168%
62	17.509	2533	2537	2543	rBV3	35719	55354	3.74%	0.270%
63	17.592	2544	2551	2554	rBV5	34828	77881	5.27%	0.380%
64	17.627	2554	2557	2563	rVB	34405	52454	3.55%	0.256%
65	17.709	2567	2571	2576	rVB	223601	266434	18.01%	1.300%
66	17.768	2577	2581	2587	rBV	107526	162058	10.96%	0.791%
67	17.992	2615	2619	2623	rBV3	37622	64258	4.34%	0.314%
68	18.098	2633	2637	2643	rBV3	48518	84231	5.69%	0.411%
69	18.156	2643	2647	2653	rBV2	37024	57131	3.86%	0.279%
70	18.215	2654	2657	2659	rBV	27220	31611	2.14%	0.154%
71	18.309	2670	2673	2678	rVB2	32111	41220	2.79%	0.201%

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Integration Parameters: LSCINT.P

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72	18.403	2685	2689	2694	rBV	175047	215404	14.56%	1.051%
73	18.650	2728	2731	2736	rBV2	41261	76543	5.17%	0.373%
74	18.809	2755	2758	2761	rBV3	32025	33452	2.26%	0.163%
75	18.862	2764	2767	2772	rVB	87057	119037	8.05%	0.581%
76	19.033	2792	2796	2800	rBV	152237	193883	13.11%	0.946%
77	19.203	2821	2825	2827	rBV2	50606	77881	5.27%	0.380%
78	19.256	2831	2834	2838	rVV2	57519	79849	5.40%	0.390%
79	19.327	2844	2846	2849	rVB2	46878	43003	2.91%	0.210%
80	19.374	2850	2854	2857	rBV2	77429	114217	7.72%	0.557%
81	19.403	2857	2859	2863	rVV	37729	47334	3.20%	0.231%
82	19.592	2886	2891	2898	rBV	826111	1233202	83.37%	6.017%
83	19.786	2920	2924	2926	rBV	92529	144575	9.77%	0.705%
84	20.003	2959	2961	2966	rVB	71122	85566	5.78%	0.418%
85	20.145	2982	2985	2989	rVB	166803	180812	12.22%	0.882%
86	20.327	3012	3016	3021	rBV3	100178	182699	12.35%	0.891%
87	20.639	3066	3069	3072	rBV	151090	182273	12.32%	0.889%
88	21.103	3145	3148	3151	rVB	156075	172324	11.65%	0.841%
89	21.250	3170	3173	3179	rBV	87534	148604	10.05%	0.725%
90	21.374	3190	3194	3199	rBV	936686	1178354	79.66%	5.750%
91	21.539	3218	3222	3229	rVB	210954	263997	17.85%	1.288%
92	21.980	3294	3297	3302	rVB	193175	218781	14.79%	1.068%
93	22.456	3374	3378	3385	rVB	202567	270945	18.32%	1.322%
94	22.980	3463	3467	3472	rVB	196490	288092	19.48%	1.406%
95	23.509	3551	3557	3563	rBV2	717666	1448171	97.90%	7.066%
96	23.562	3563	3566	3573	rVV	200438	361880	24.46%	1.766%
97	23.656	3576	3582	3590	rVB	741137	1479178	100.00%	7.217%
98	24.232	3675	3680	3689	rVB	196472	379314	25.64%	1.851%
99	25.009	3806	3812	3826	rVB	170310	483991	32.72%	2.362%
100	25.909	3961	3965	3975	rVB2	115963	284402	19.23%	1.388%

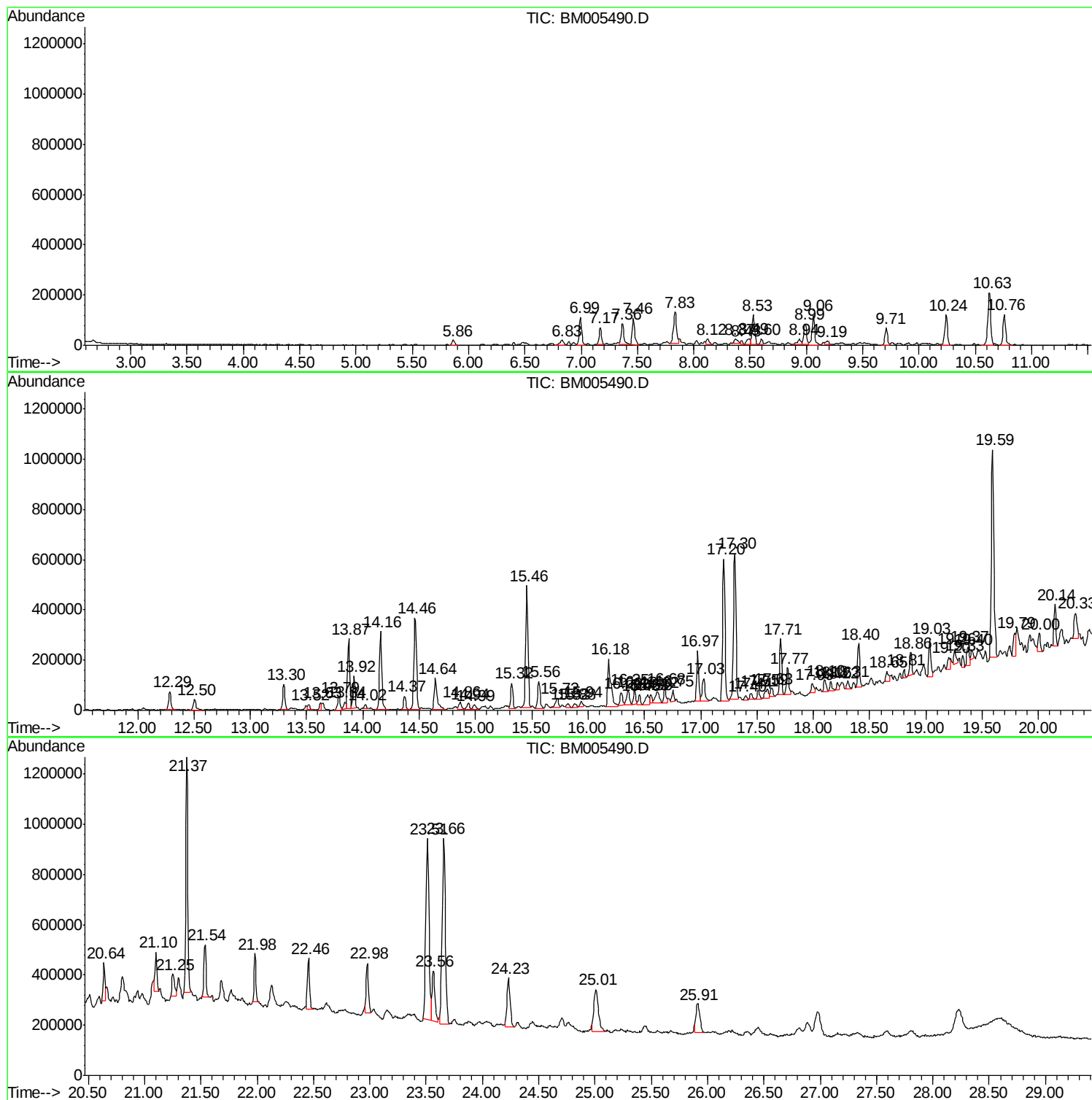
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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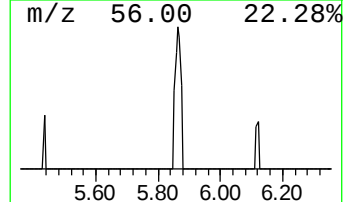
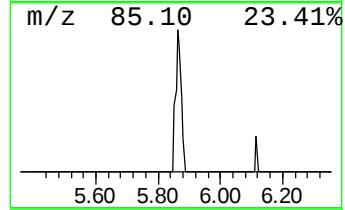
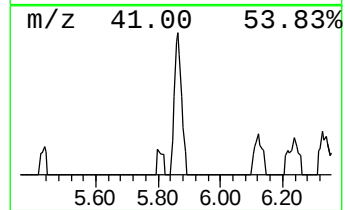
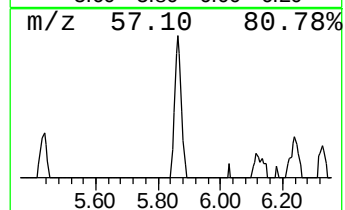
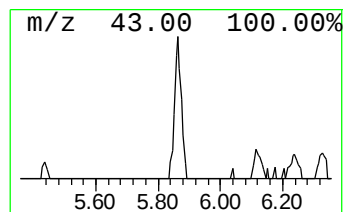
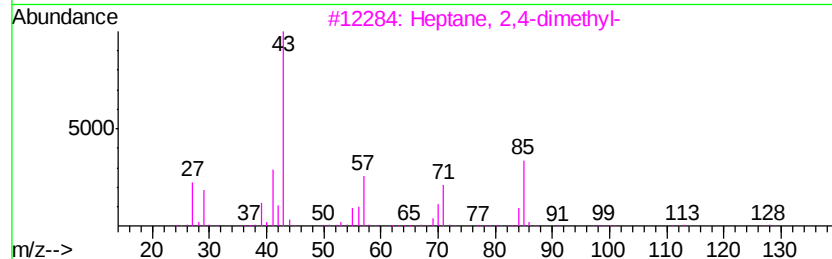
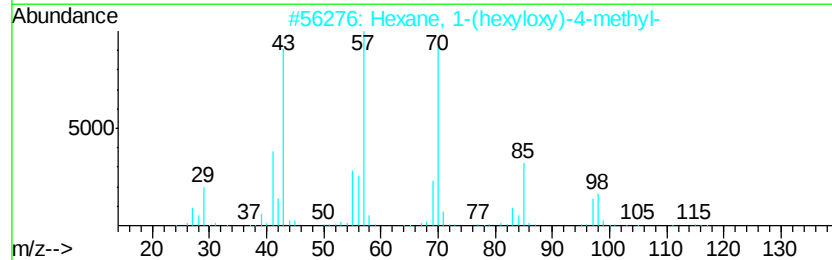
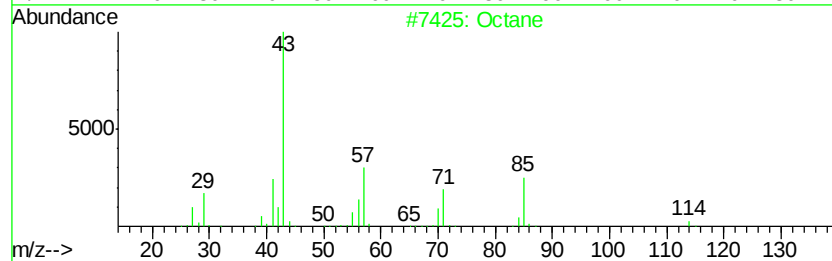
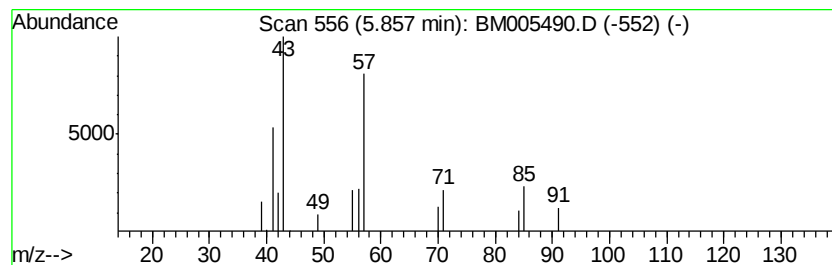
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.50 ng/ul	31082	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	59
2		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	47
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	40
5		Octane	114	C8H18	000111-65-9	40



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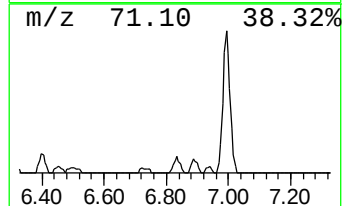
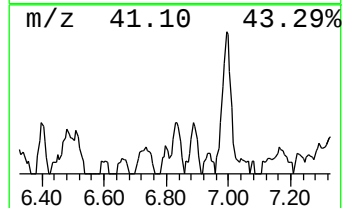
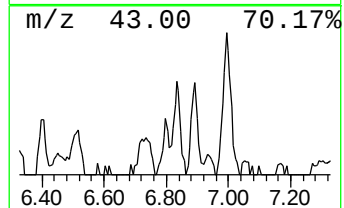
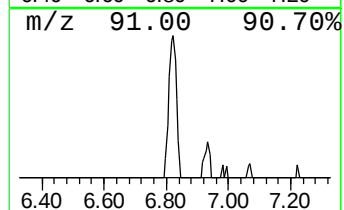
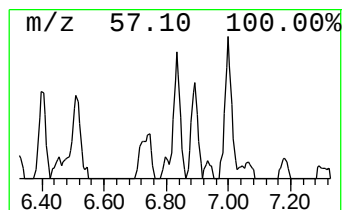
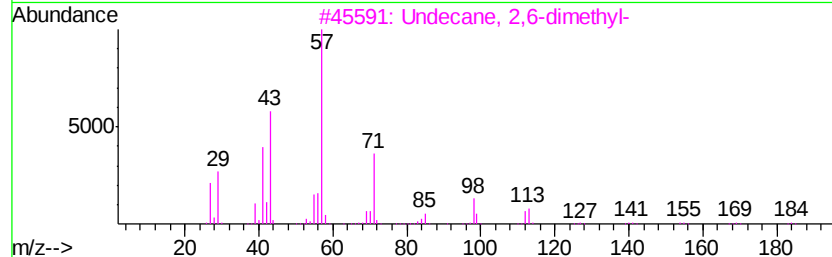
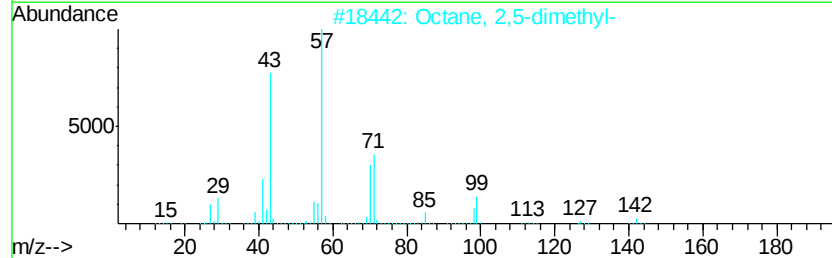
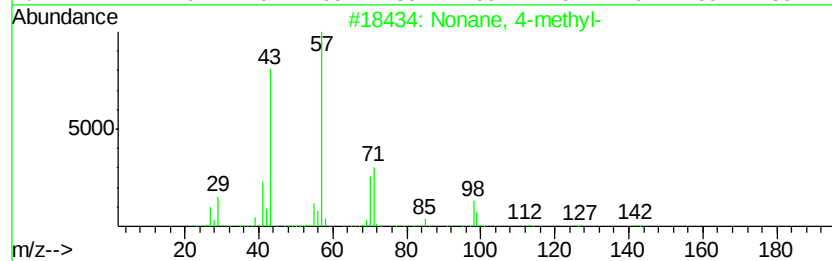
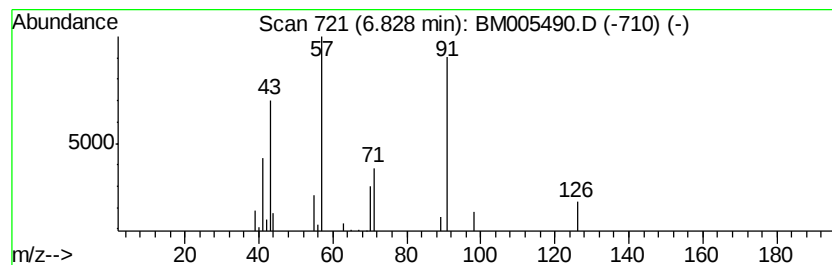
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	3.93 ng/ul	48980	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	53
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	43
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



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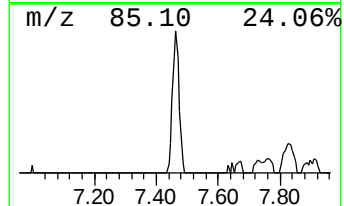
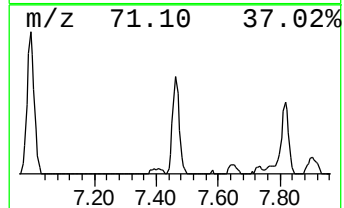
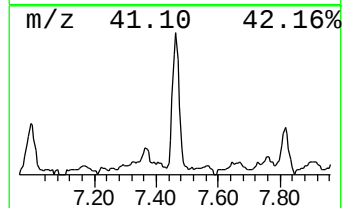
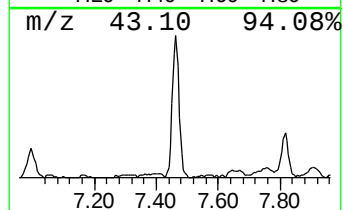
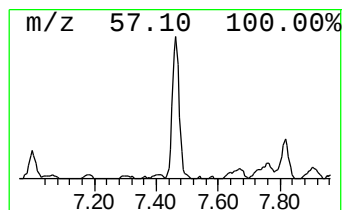
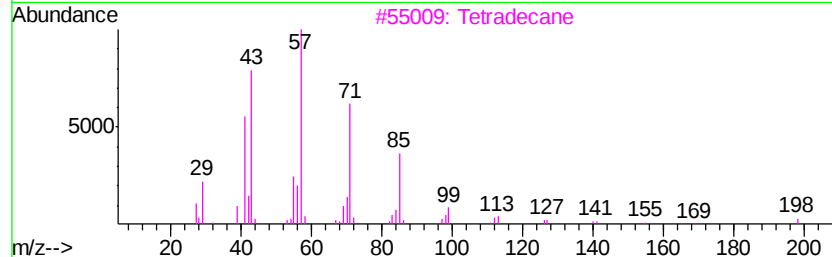
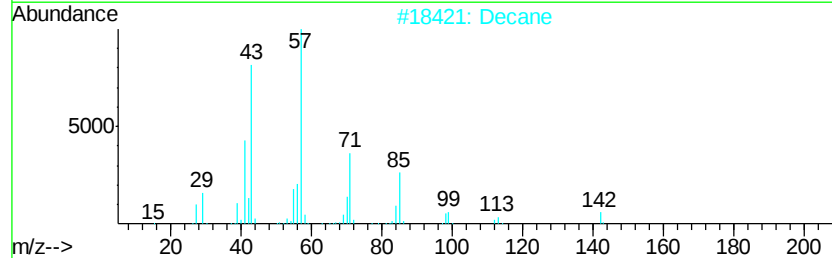
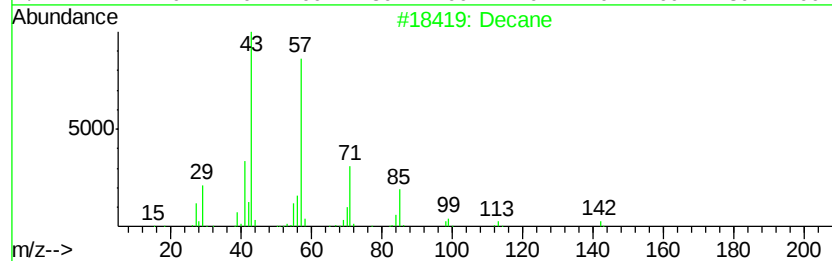
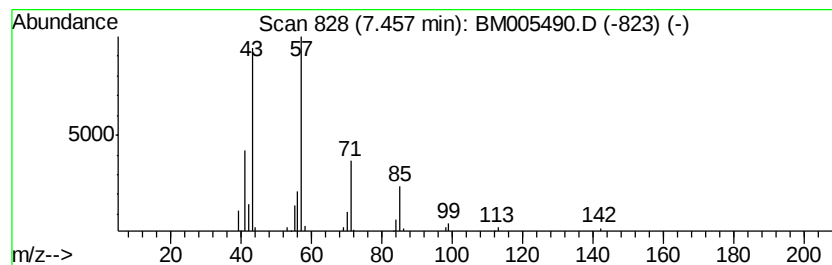
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	14.16 ng/ul	176334	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	94
3		Tetradecane	198	C14H30	000629-59-4	83
4		Nonane	128	C9H20	000111-84-2	80
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
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Operator : UM/SJ
Sample : H2890-17
Misc :
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Instrument :
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ClientSampleId :
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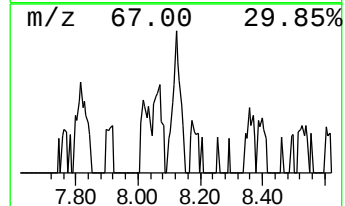
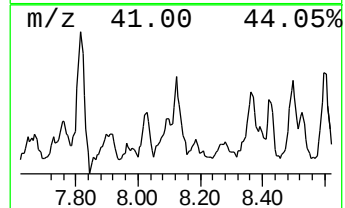
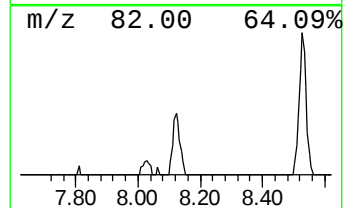
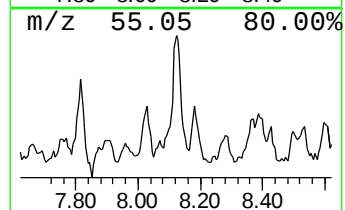
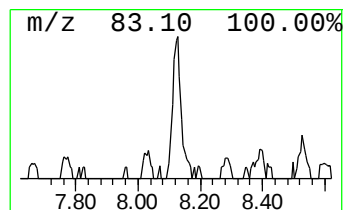
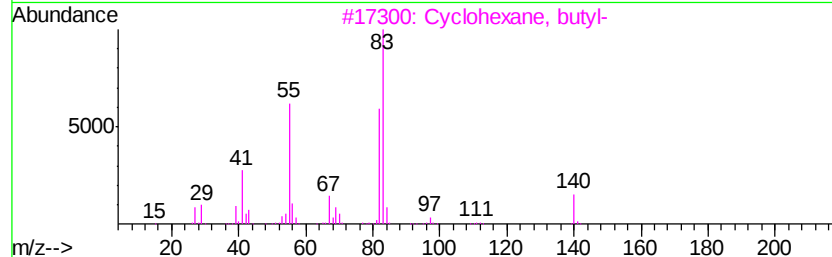
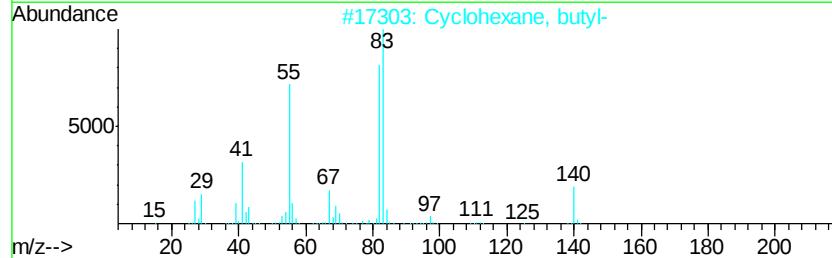
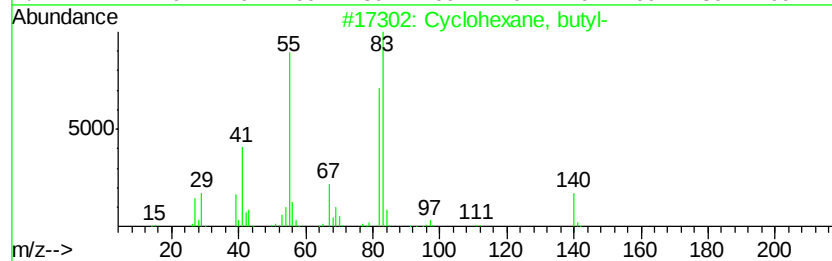
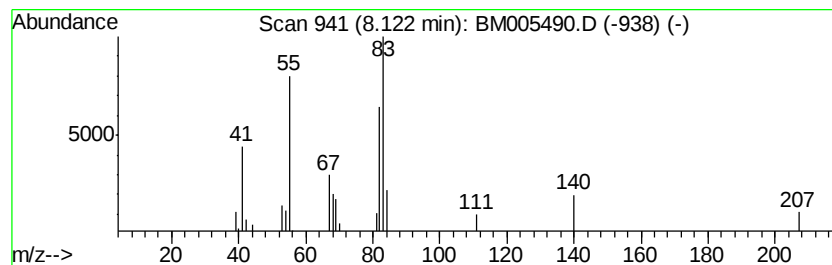
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic-8.12 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.82 ng/ul	35080	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4		Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	53
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
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Sample : H2890-17
Misc :
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Instrument :
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ClientSampleId :
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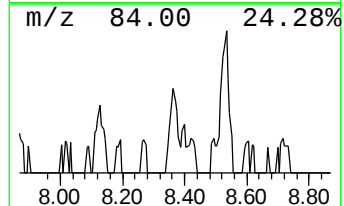
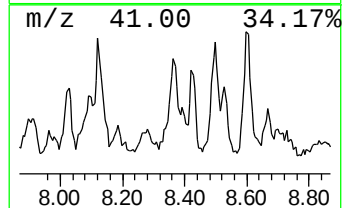
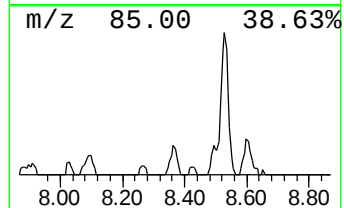
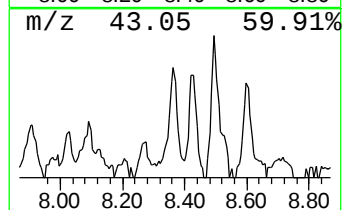
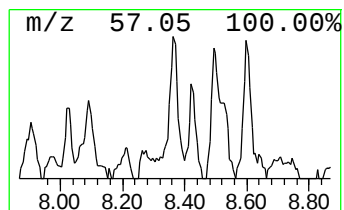
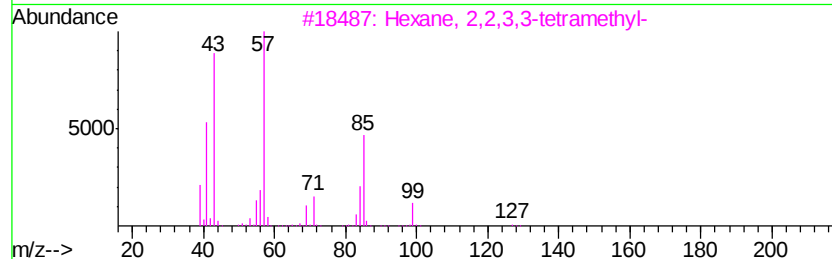
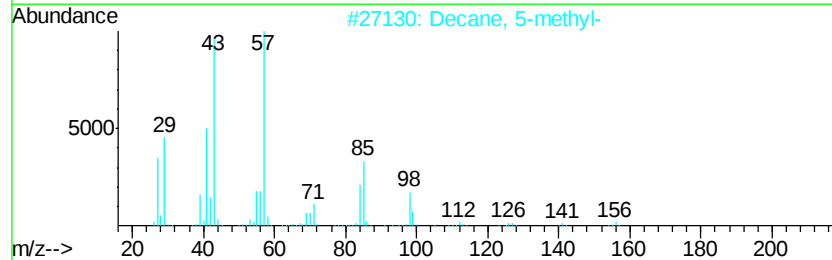
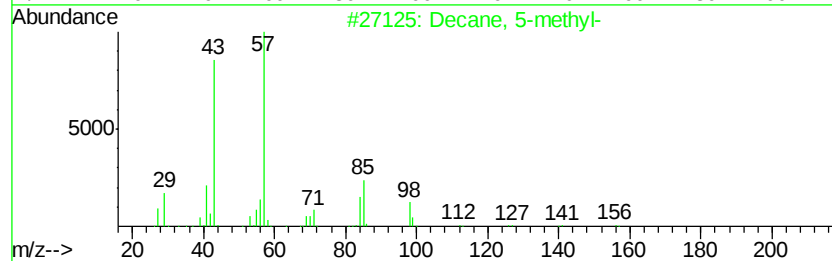
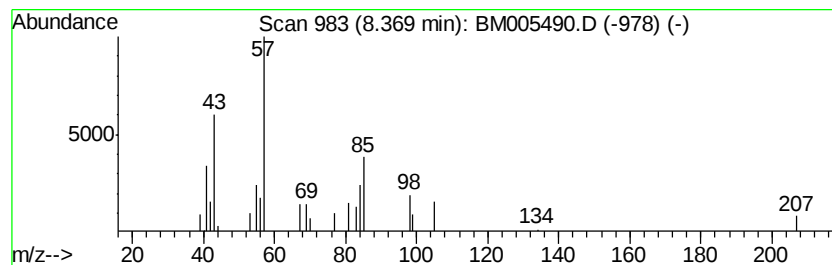
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	2.67 ng/ul	33317	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Decane, 5-methyl-	156	C11H24	013151-35-4	53
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	42
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
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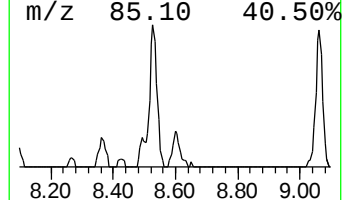
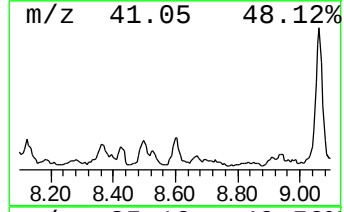
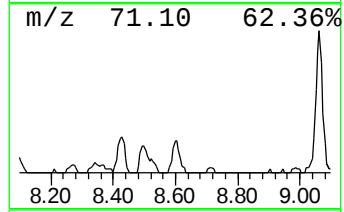
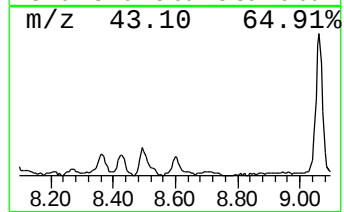
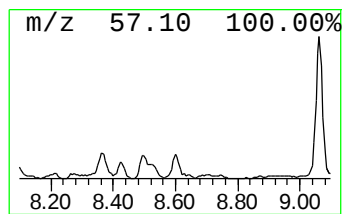
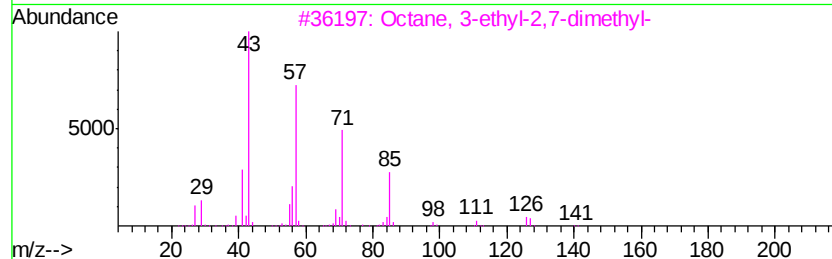
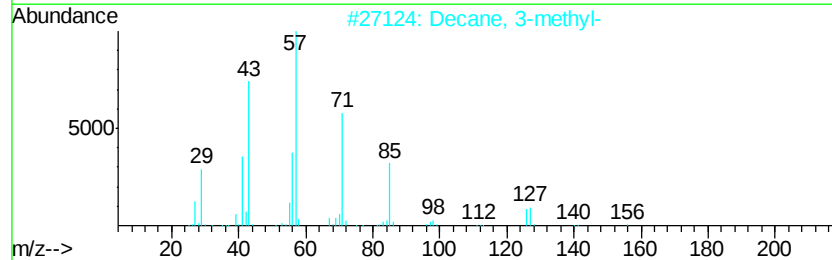
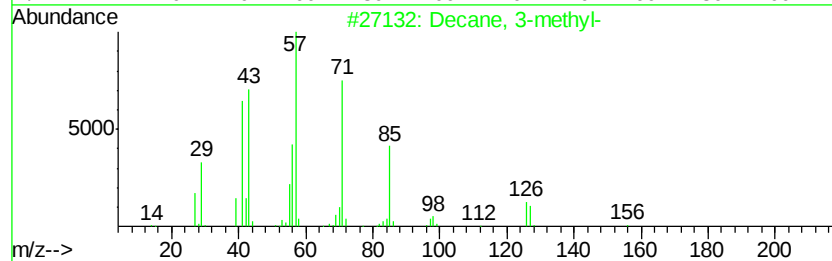
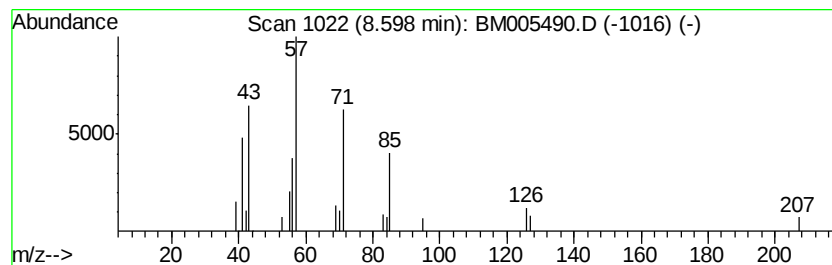
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.64 ng/ul	32936	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	72
2			Decane, 3-methyl-	156	C11H24	013151-34-3	72
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4			Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	64
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
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ClientSampleId :
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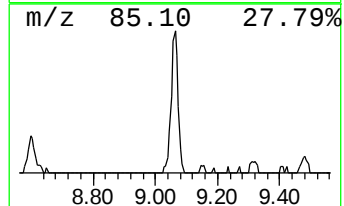
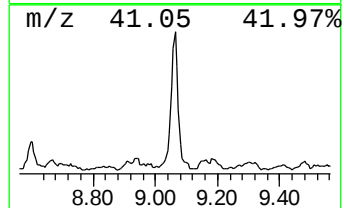
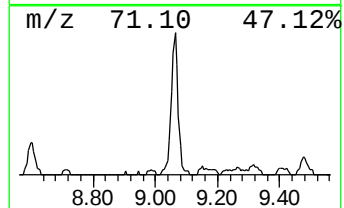
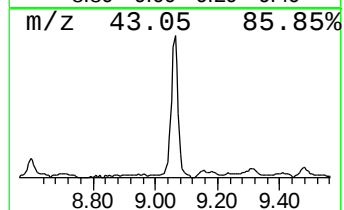
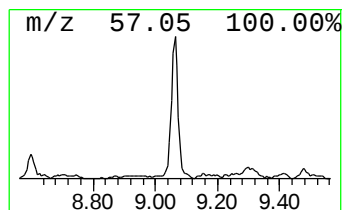
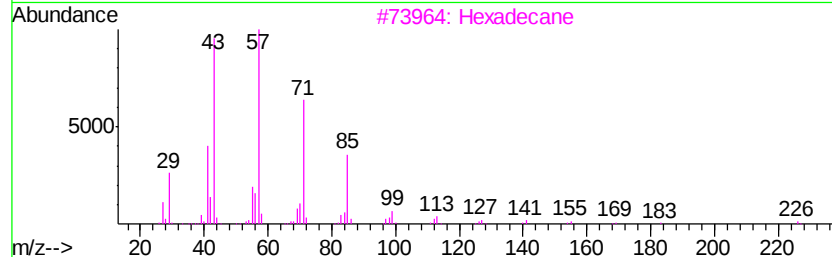
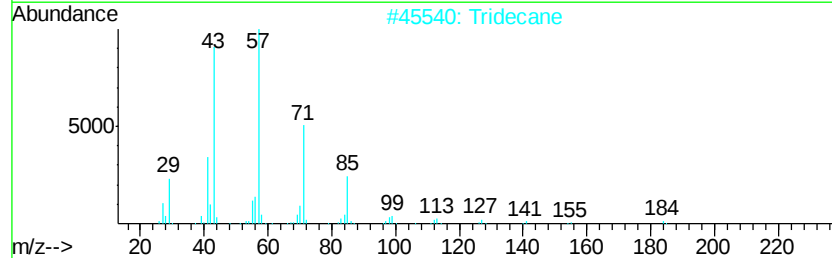
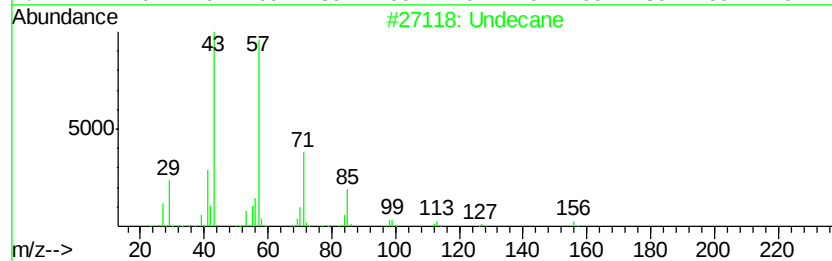
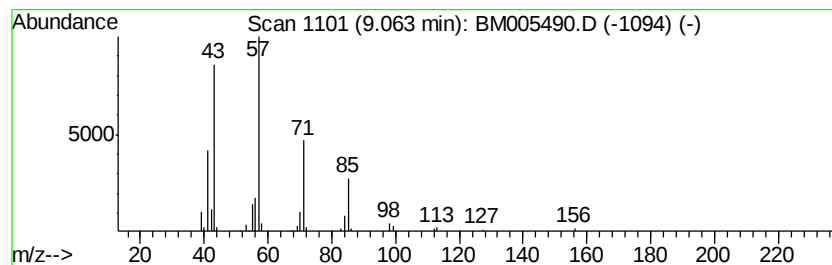
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	16.19 ng/ul	201636	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Undecane	156	C11H24	001120-21-4	80
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
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ClientSampleId :
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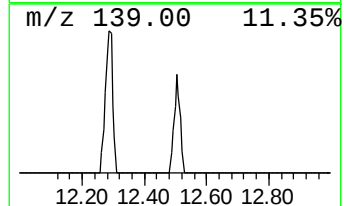
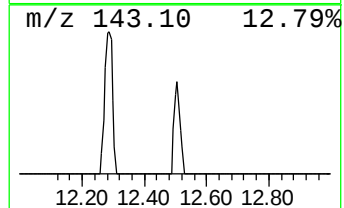
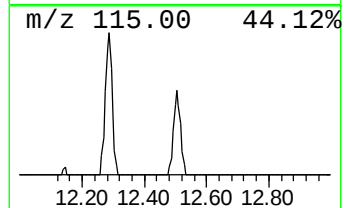
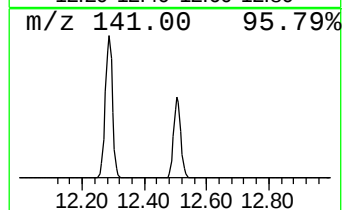
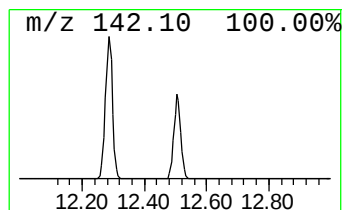
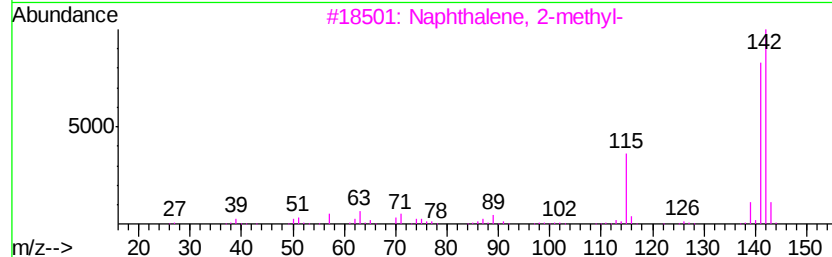
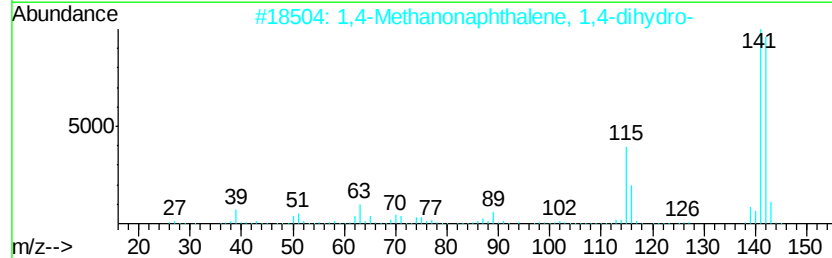
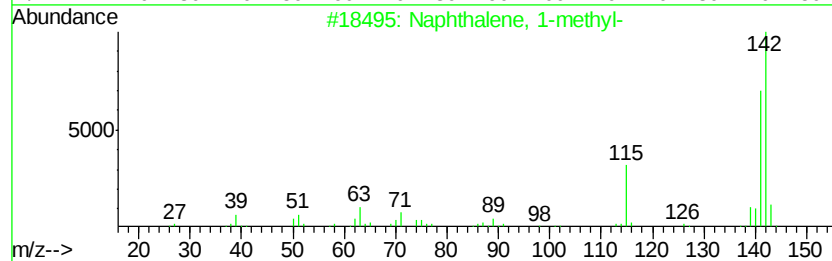
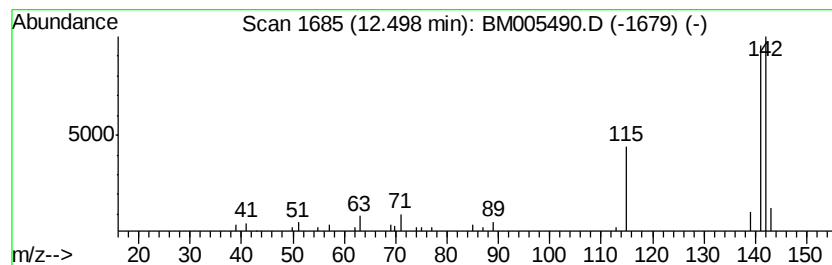
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.68 ng/ul	72620	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
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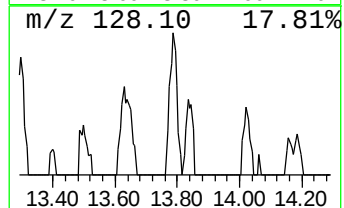
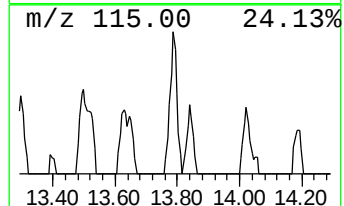
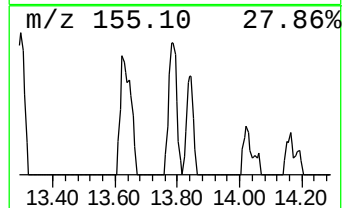
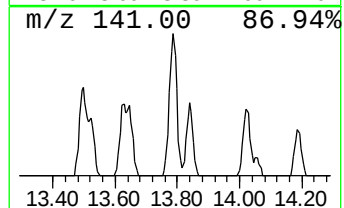
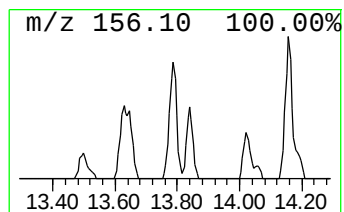
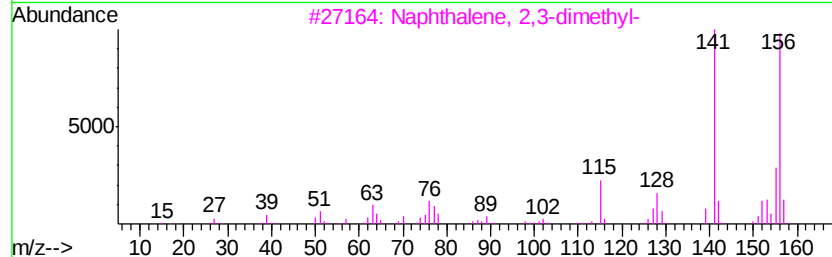
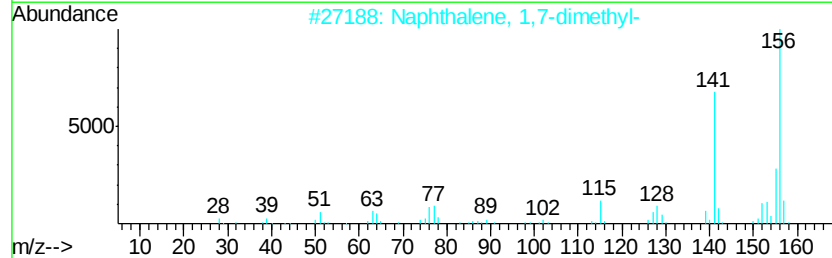
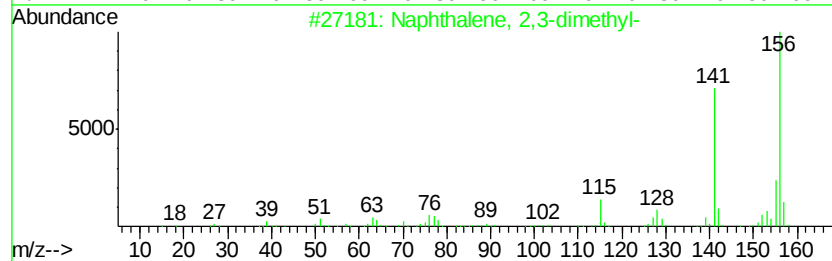
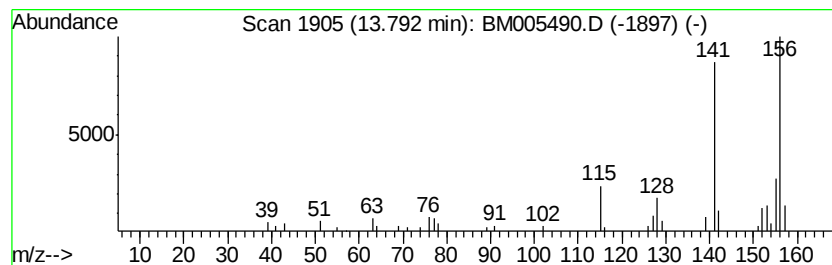
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.07 ng/ul	89714	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
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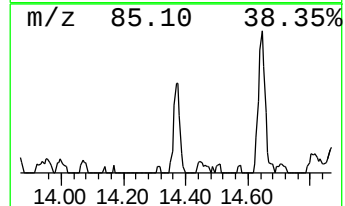
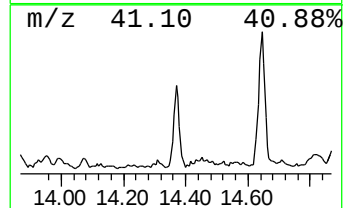
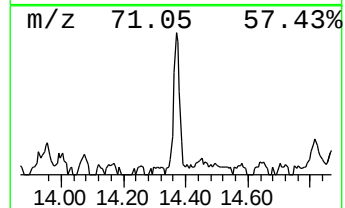
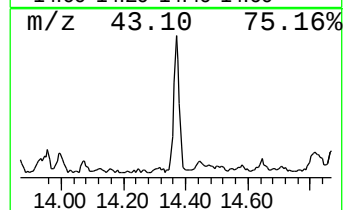
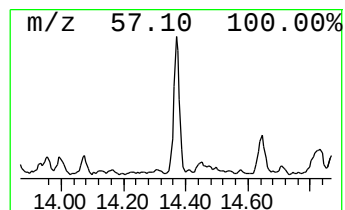
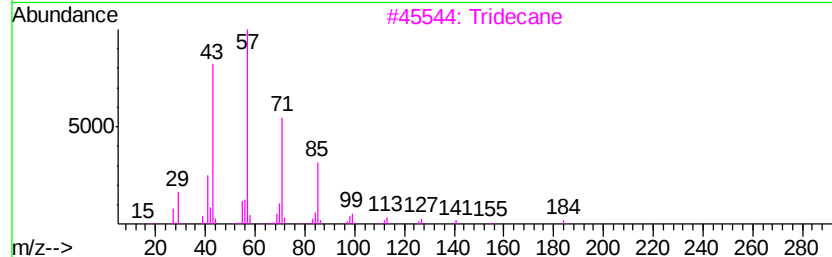
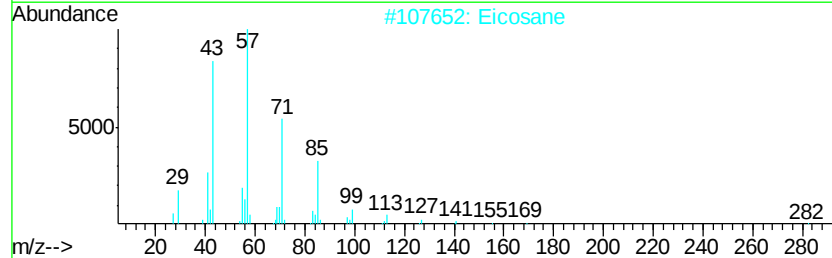
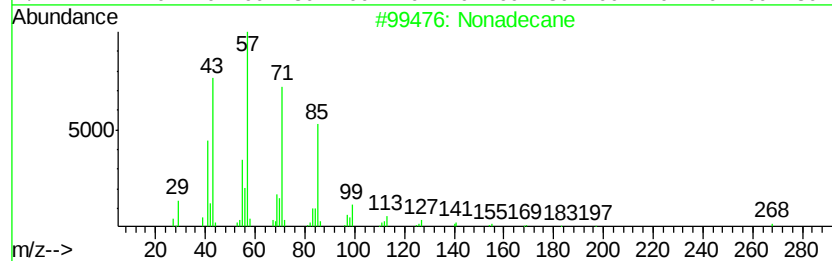
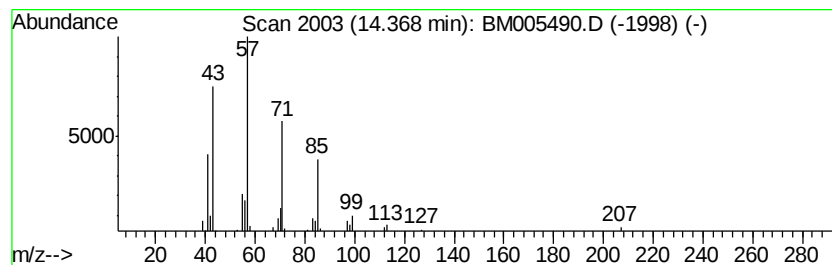
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.41 ng/ul	70374	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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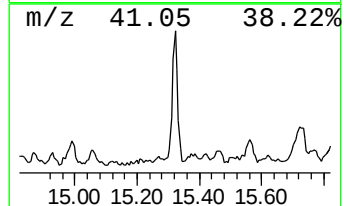
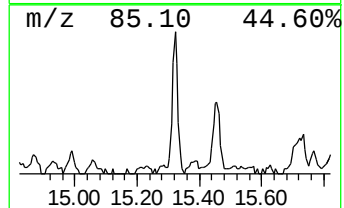
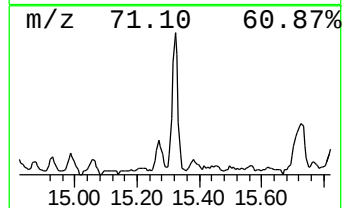
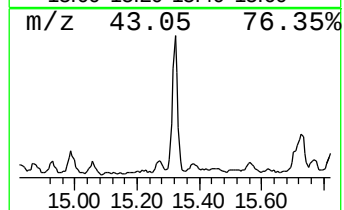
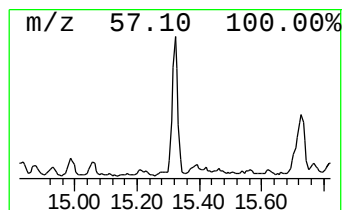
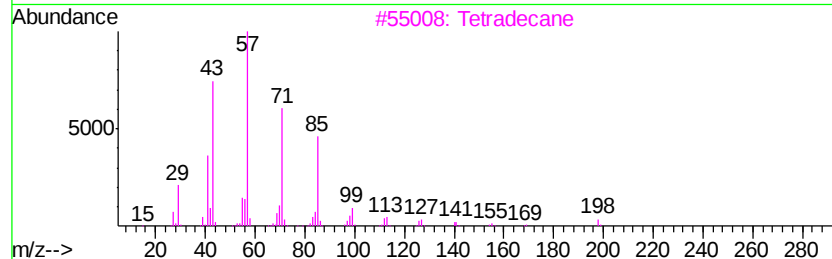
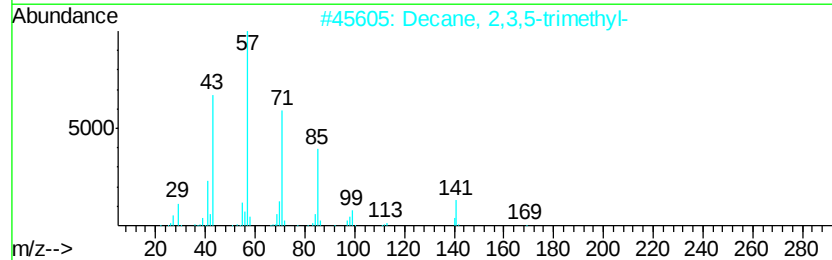
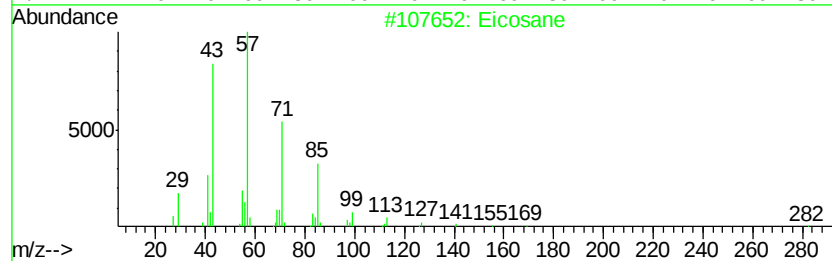
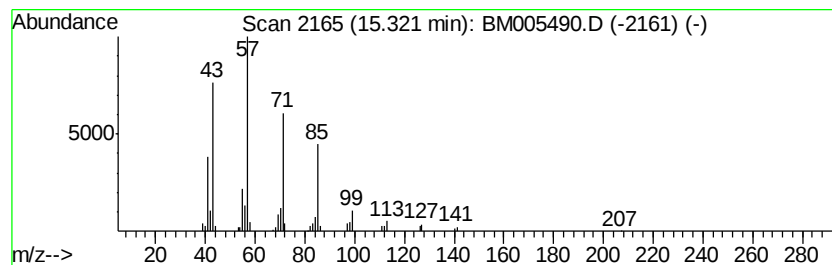
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.28 ng/ul	125043	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
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Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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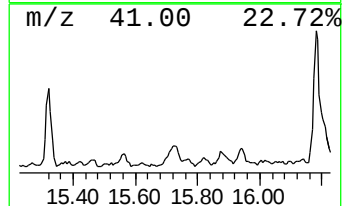
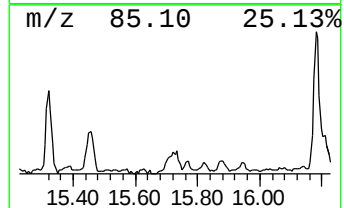
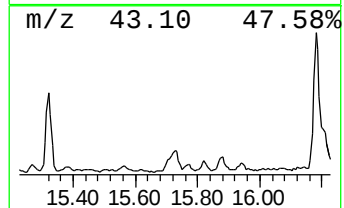
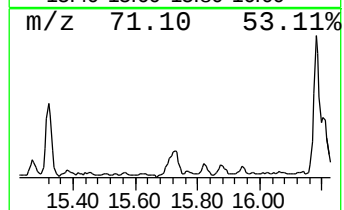
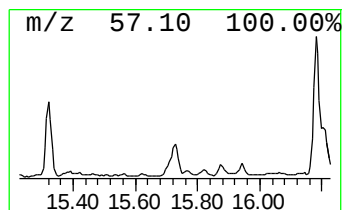
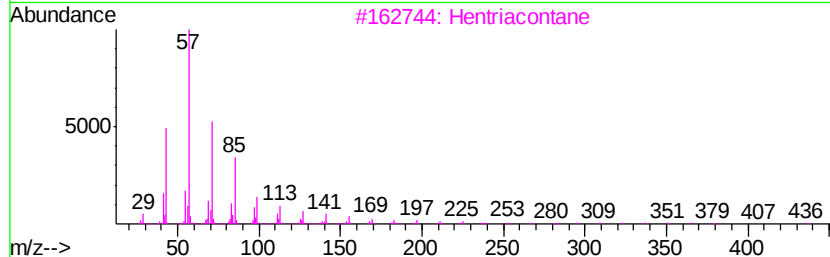
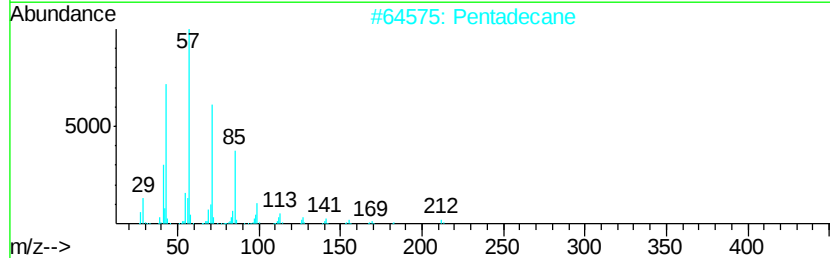
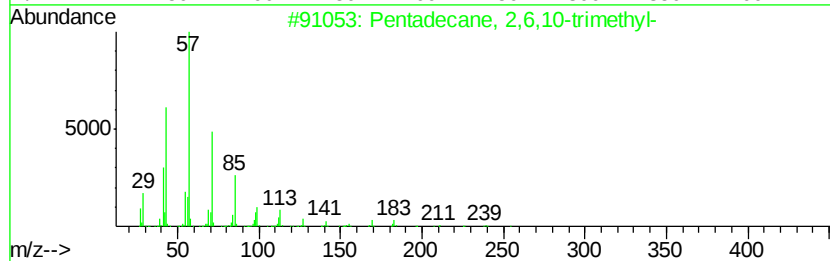
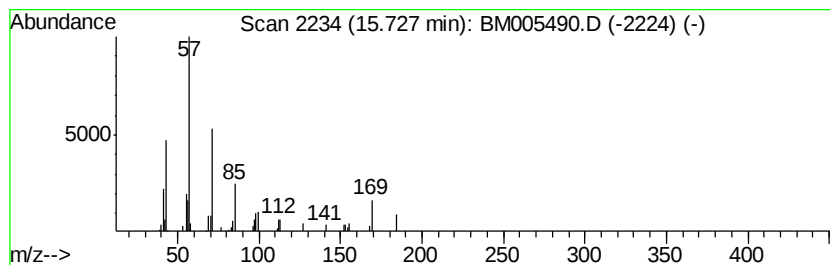
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.80 ng/ul	81860	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2			Pentadecane	212	C15H32	000629-62-9	53
3			Hentriacontane	437	C31H64	000630-04-6	53
4			Pentacosane	352	C25H52	000629-99-2	53
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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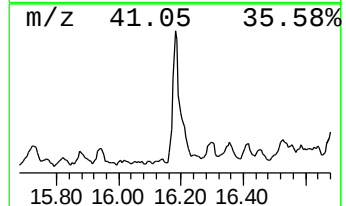
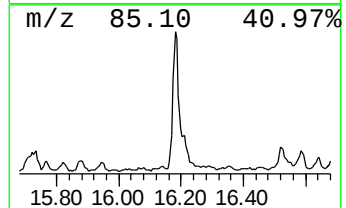
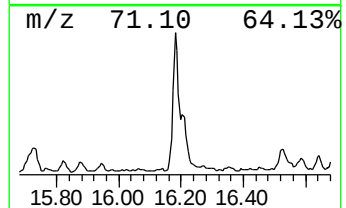
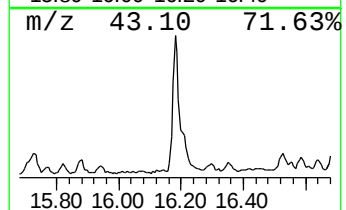
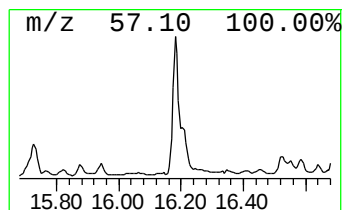
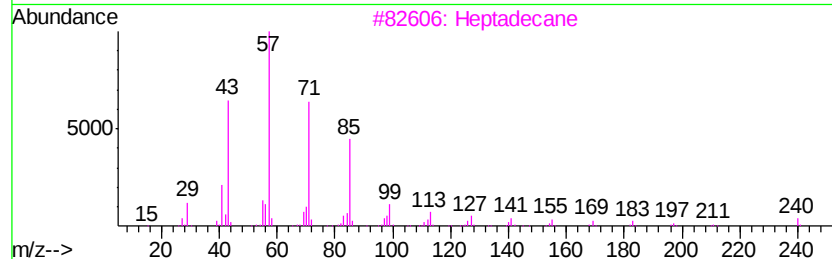
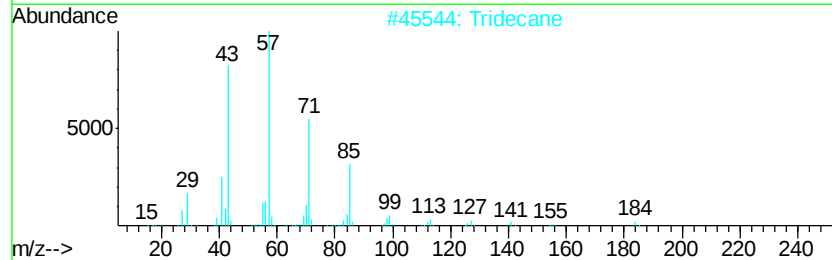
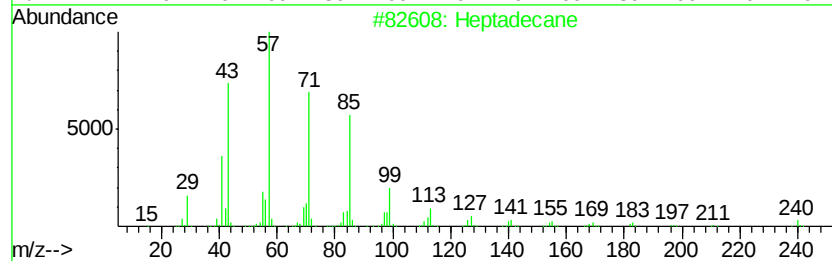
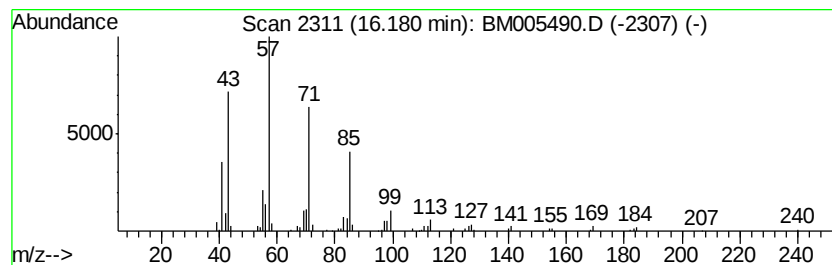
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	9.36 ng/ul	383750	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	97
3		Heptadecane	240	C17H36	000629-78-7	94
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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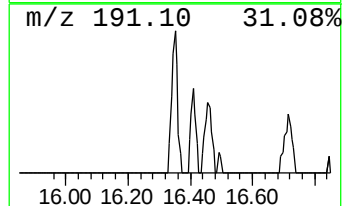
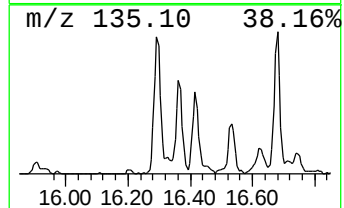
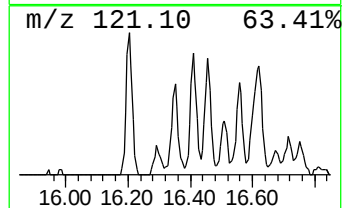
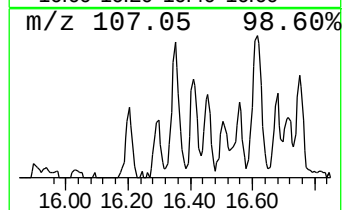
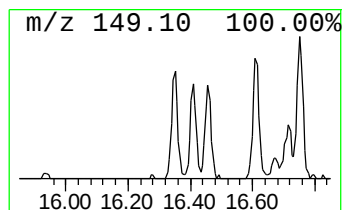
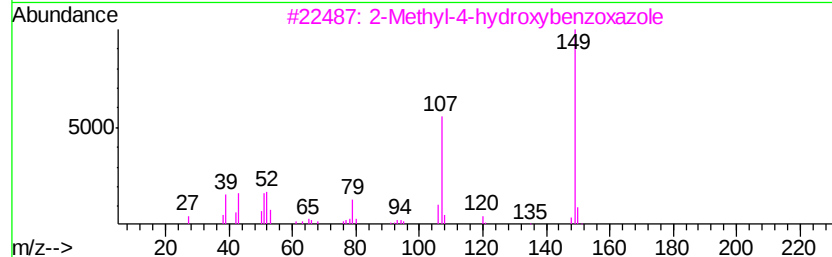
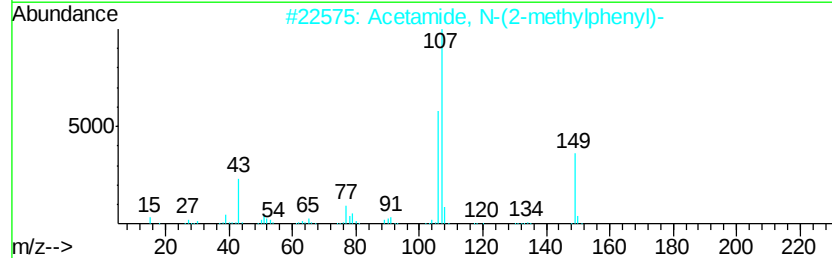
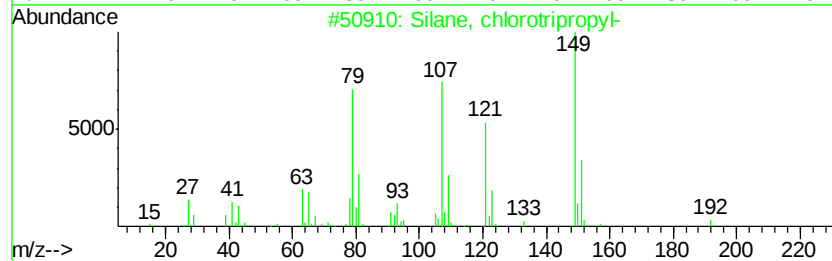
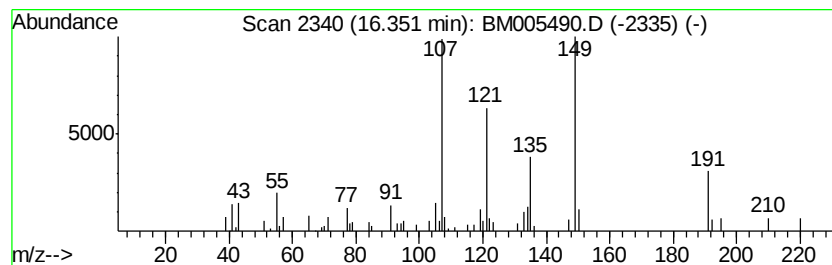
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Silane, chlorotripropyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.72 ng/ul	111508	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	58
2		Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
3		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
4		Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	30
5		Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
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ClientSampleId :
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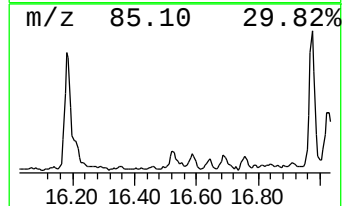
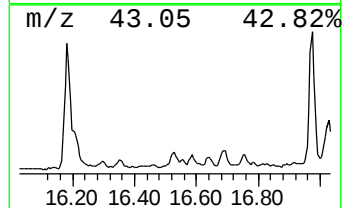
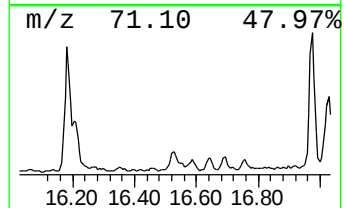
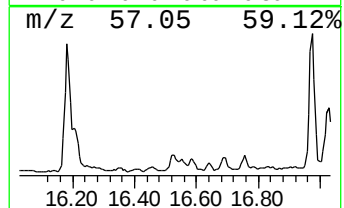
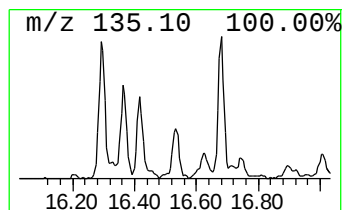
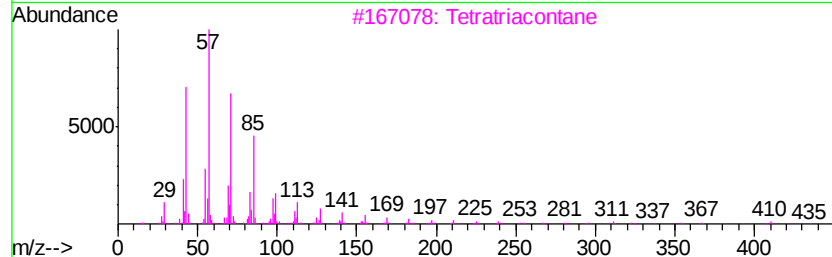
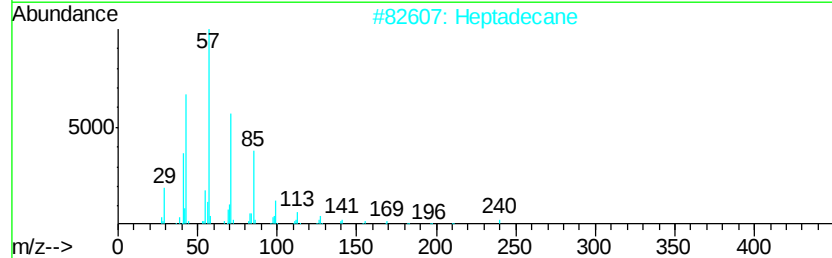
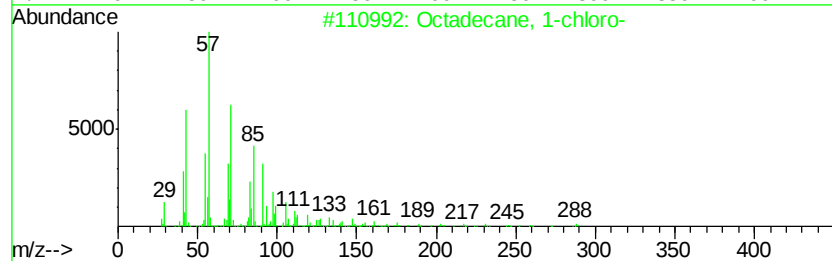
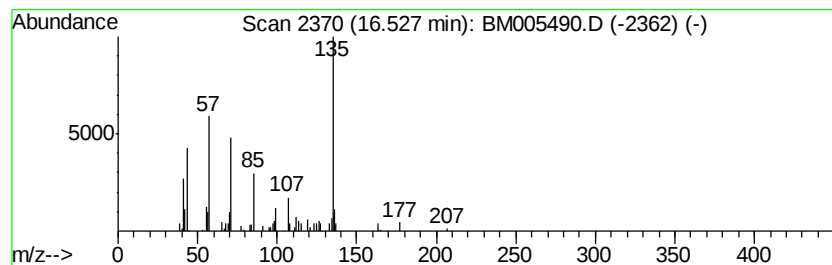
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.08 ng/ul	85284	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27
2		Heptadecane	240	C17H36	000629-78-7	22
3		Tetratriacontane	479	C34H70	014167-59-0	22
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	22
5		Tetracosane	338	C24H50	000646-31-1	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
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Misc :
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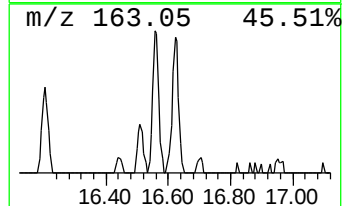
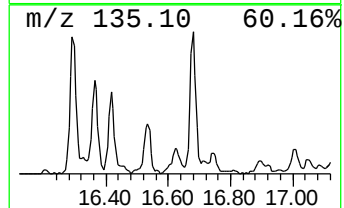
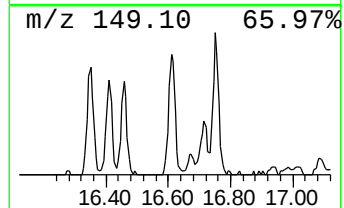
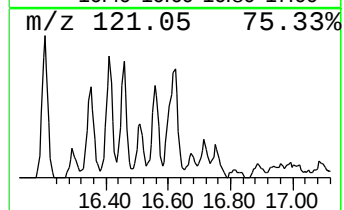
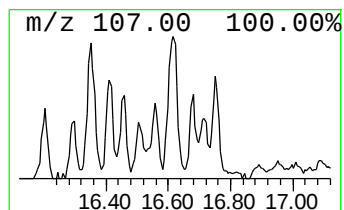
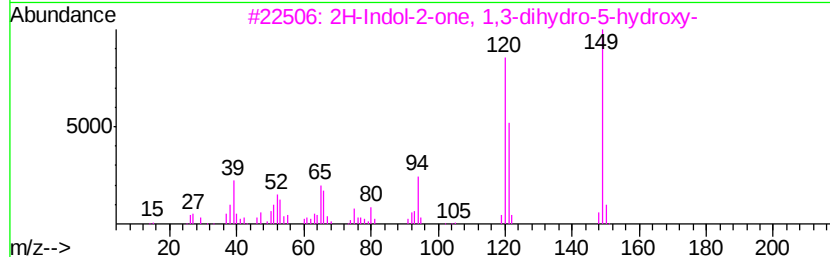
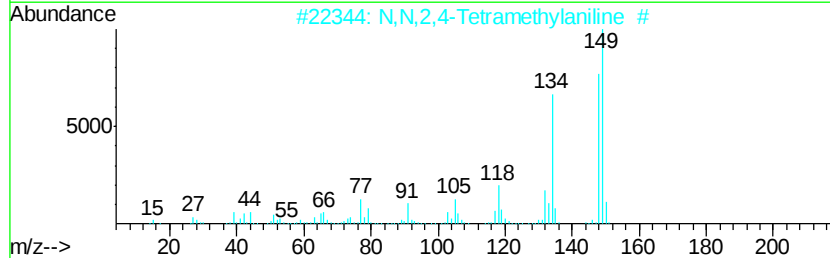
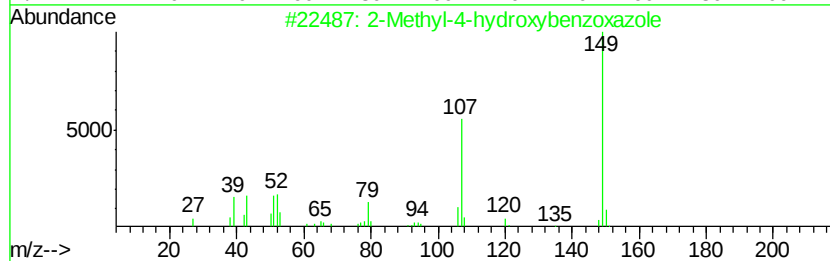
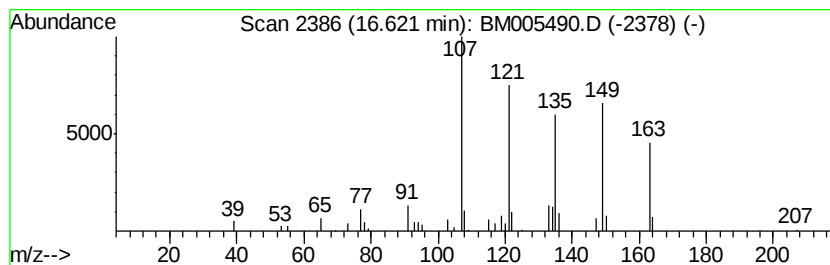
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.75 ng/ul	113000	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
2		N,N,2,4-Tetramethylaniline #	149	C10H15N	000769-53-9	38
3		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	27
4		p-Propionotoluidide	163	C10H13NO	002759-55-9	27
5		Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
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Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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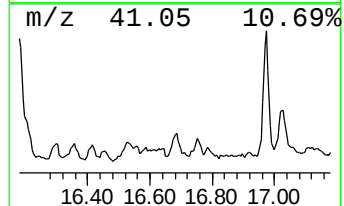
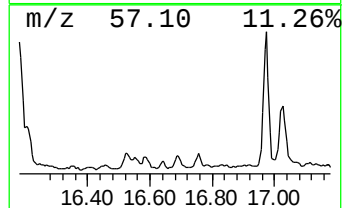
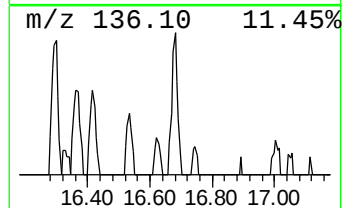
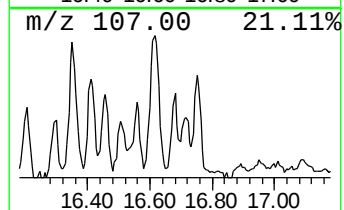
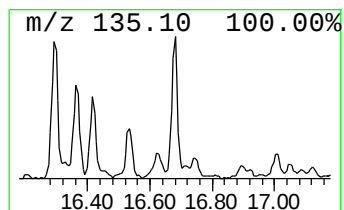
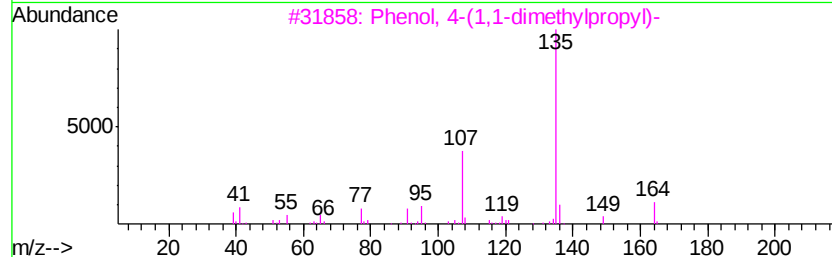
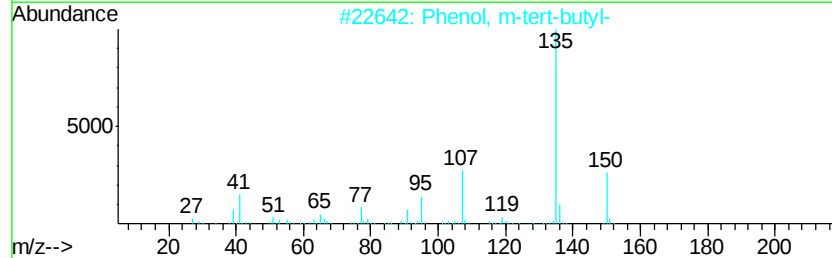
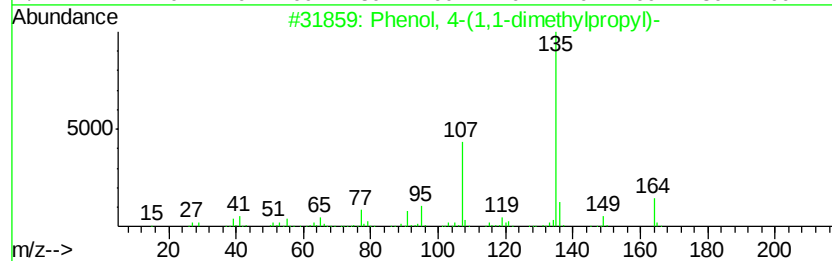
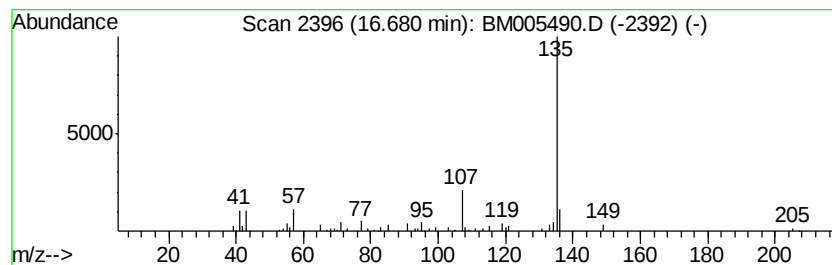
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenol, 4-(1,1-dimethylprop... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.21 ng/ul	90811	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	64
5		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

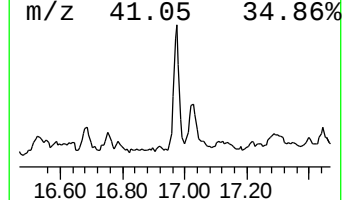
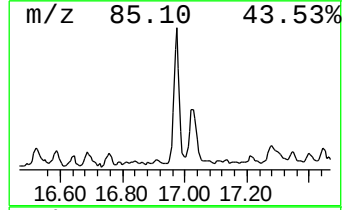
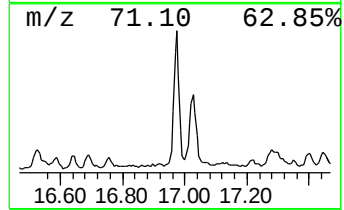
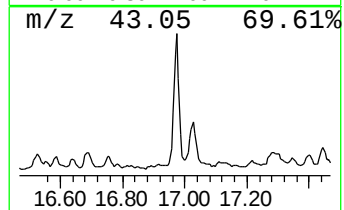
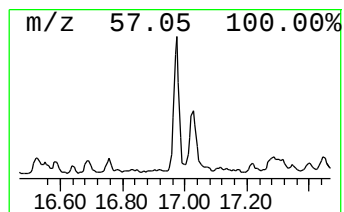
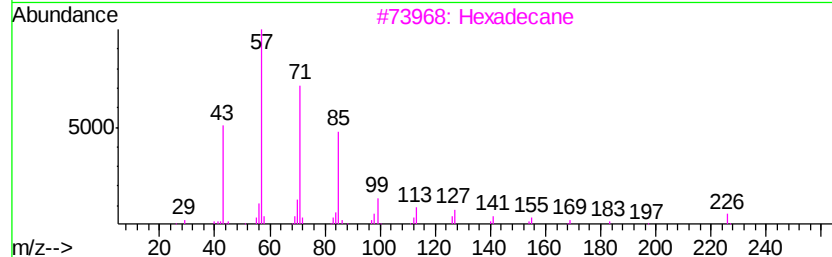
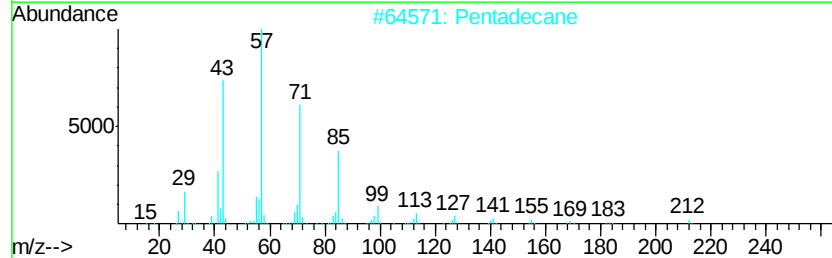
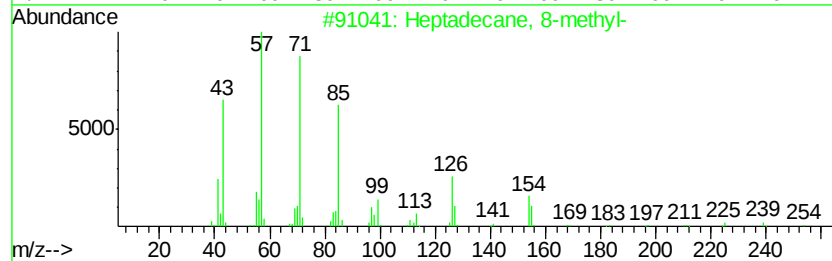
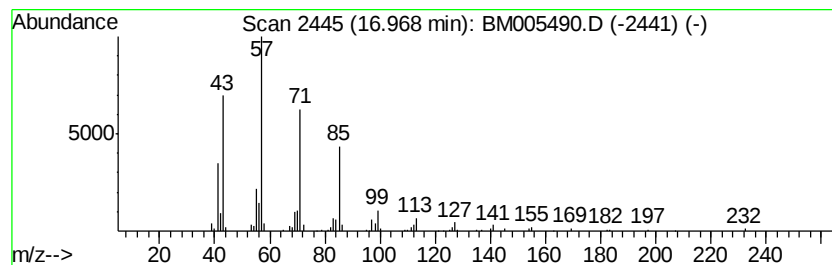
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	6.06 ng/ul	248649	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2		Pentadecane	212	C15H32	000629-62-9	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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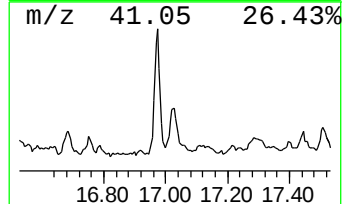
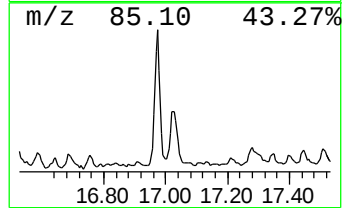
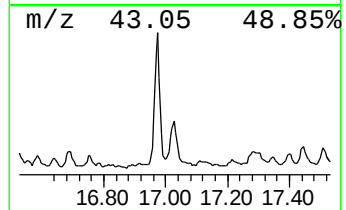
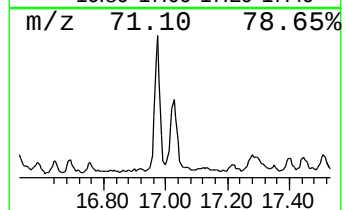
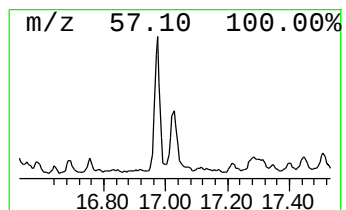
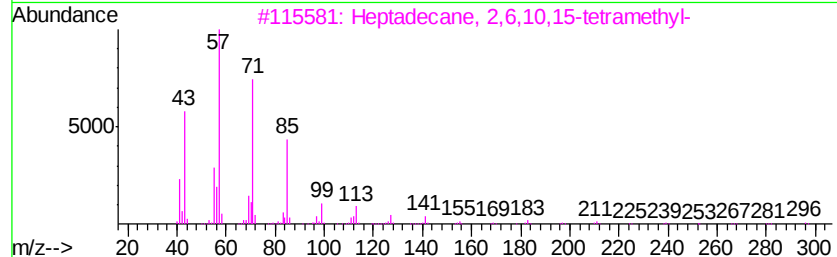
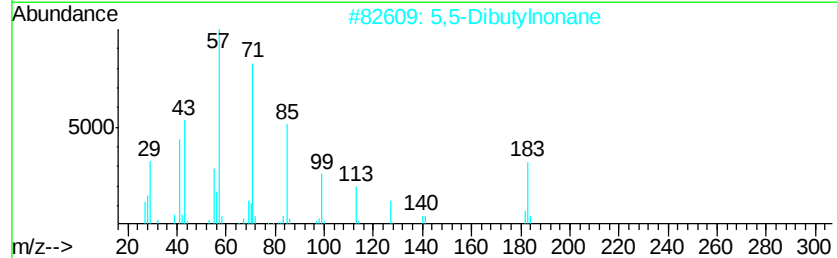
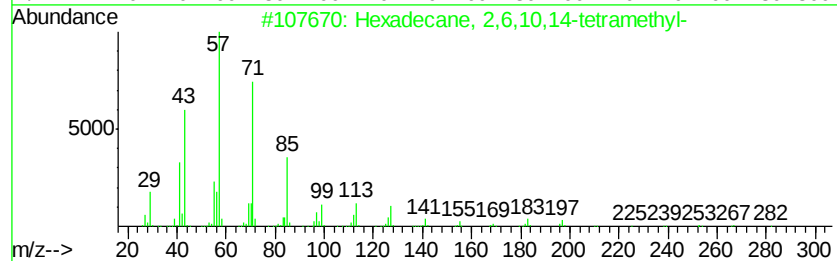
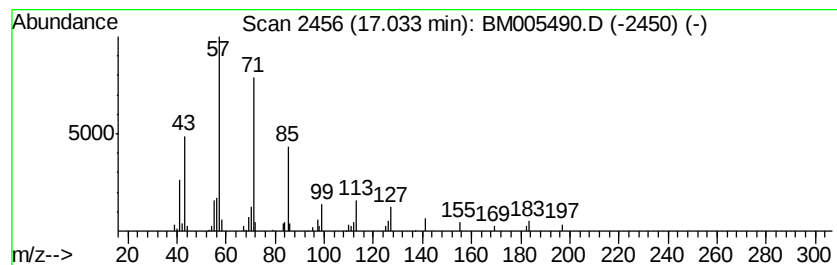
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	3.59 ng/ul	147410	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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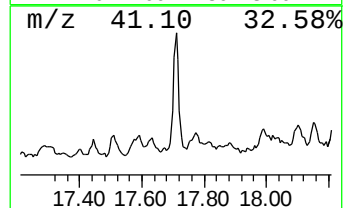
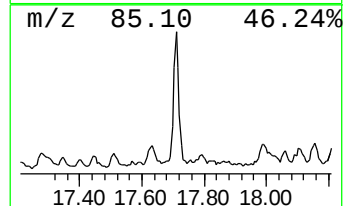
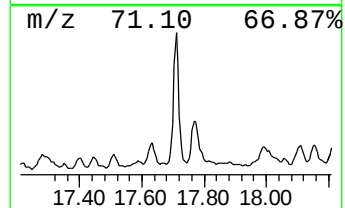
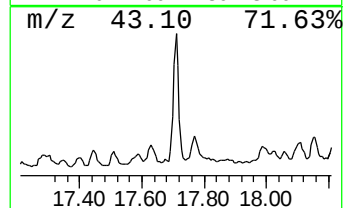
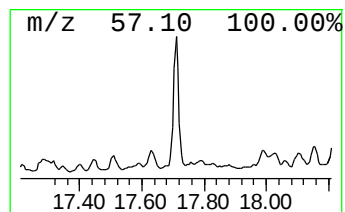
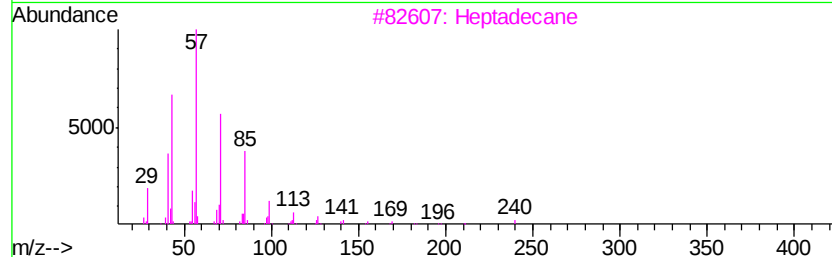
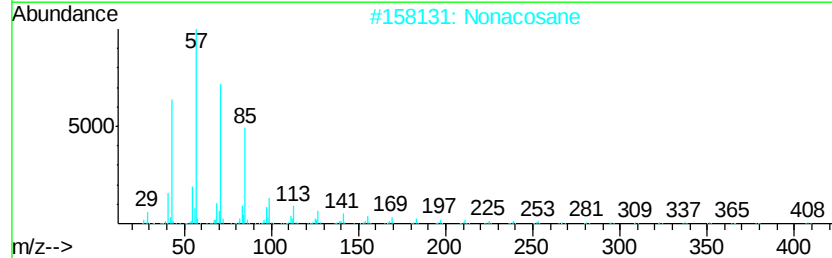
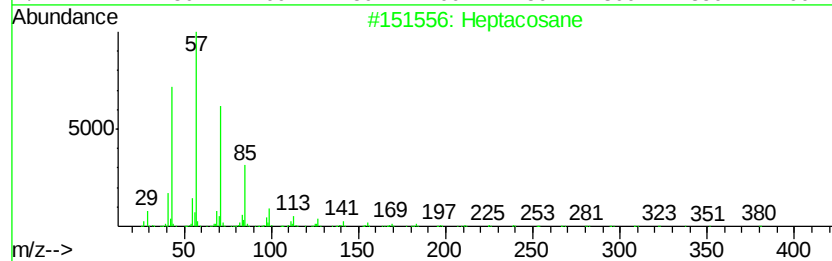
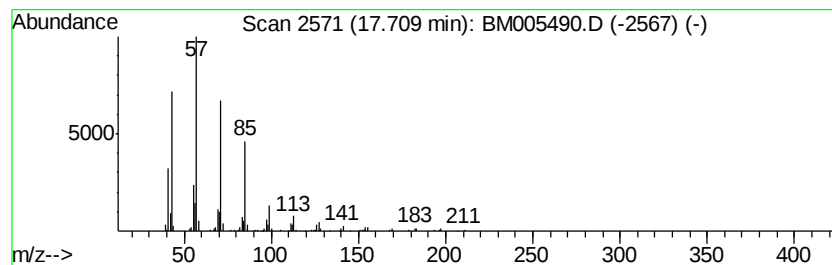
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	6.50 ng/ul	266434	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

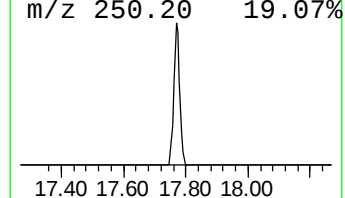
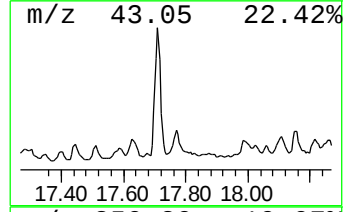
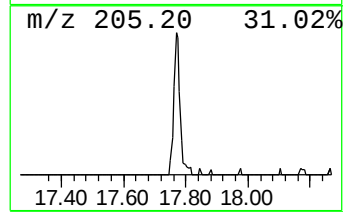
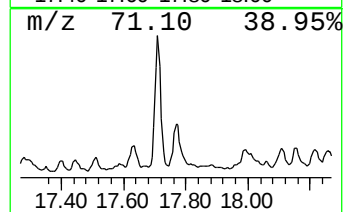
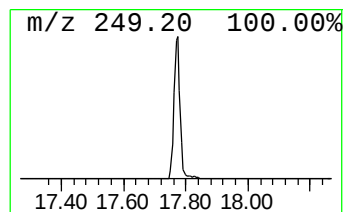
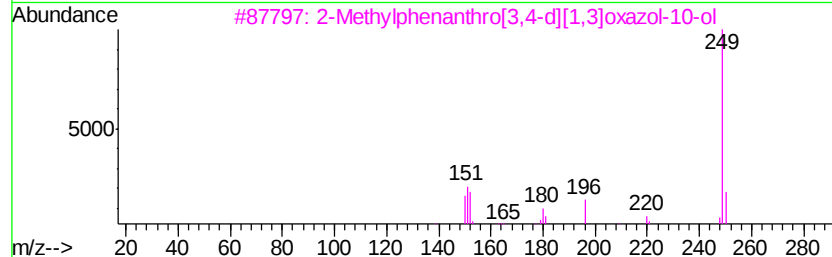
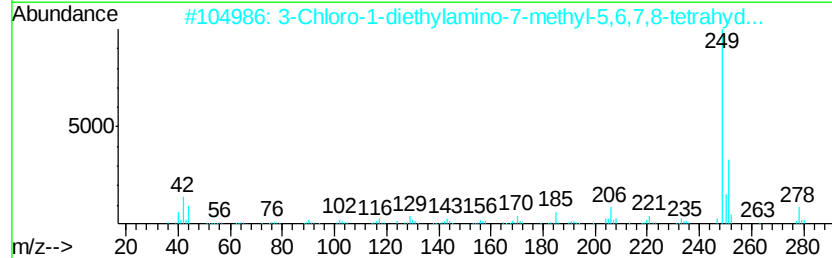
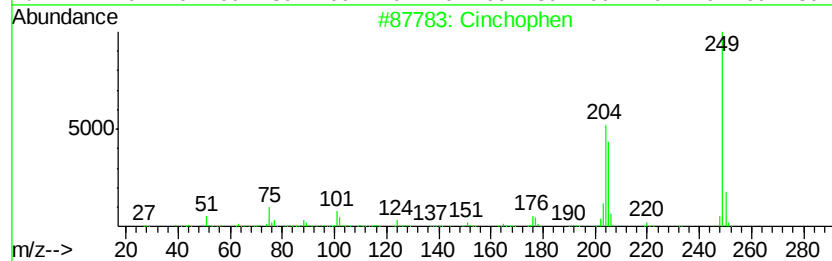
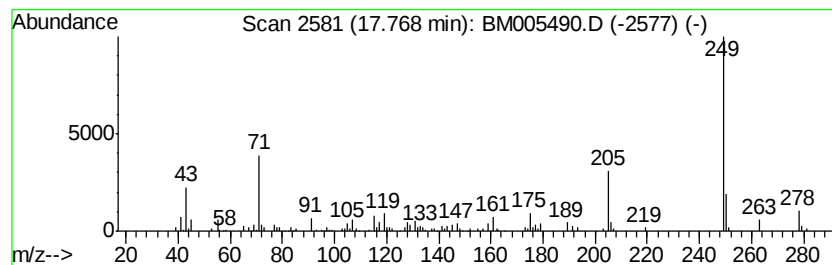
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.95 ng/ul	162058	Phenanthrene-d10	17.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinchophen	249	C16H11N02	000132-60-5 43
2	3-Chloro-1-diethylamino-7-methyl...	278	C14H19ClN4	1000274-38-6 43
3	2-Methylphenanthro[3,4-d][1,3]ox...	249	C16H11N02	098033-24-0 40
4	7H-Benzo(c)phenothiazine	249	C16H11NS	000226-06-2 38
5	Pyrazol-5-amine, 3-methyl-1,4-di...	249	C16H15N3	058314-81-1 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

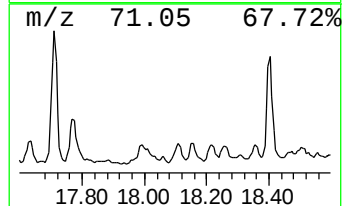
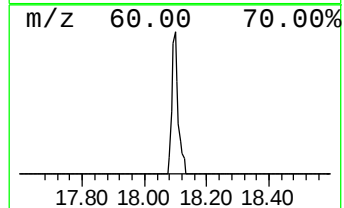
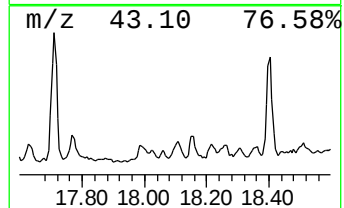
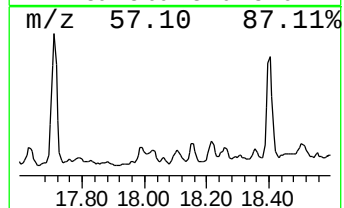
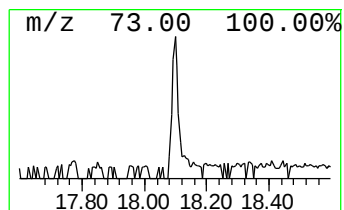
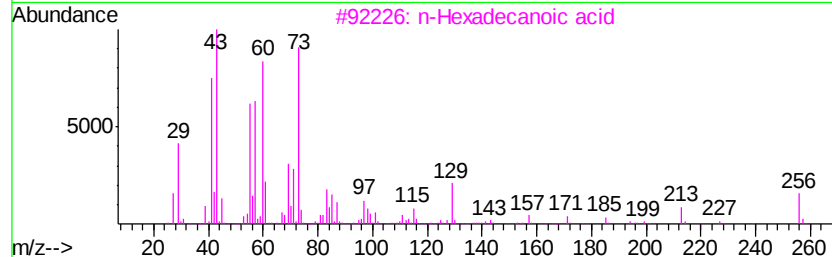
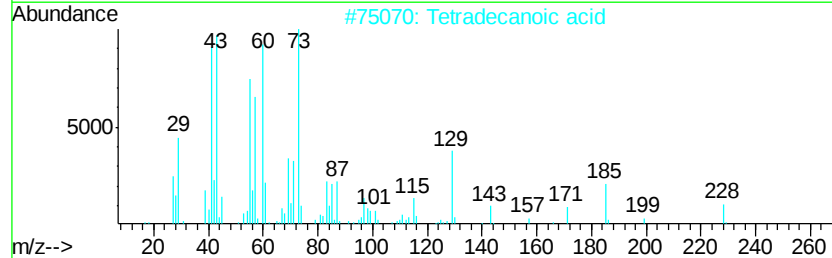
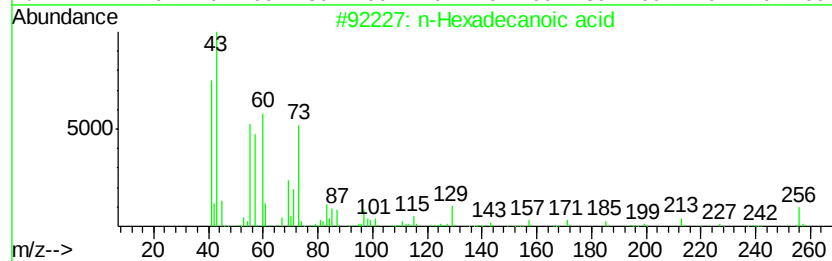
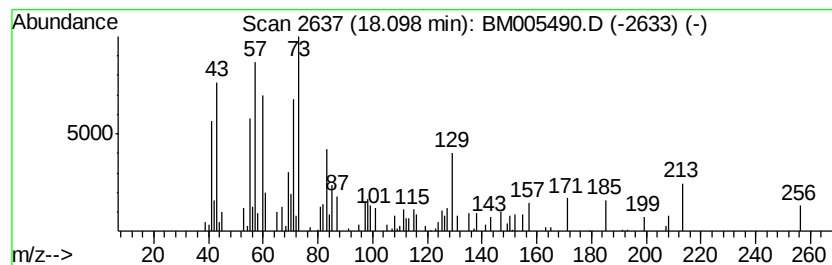
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-04 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.05 ng/ul	84231	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
4			Tridecanoic acid	214	C13H26O2	000638-53-9	43
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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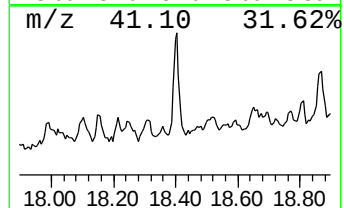
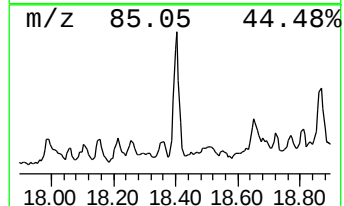
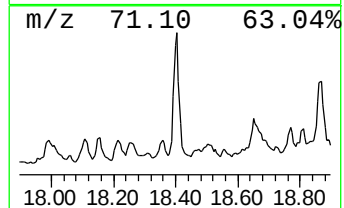
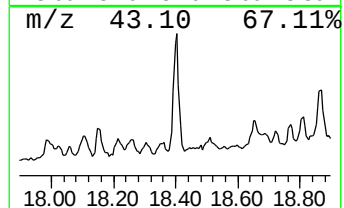
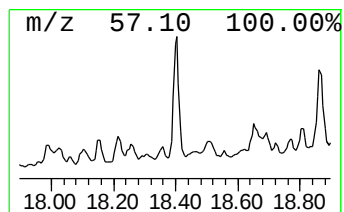
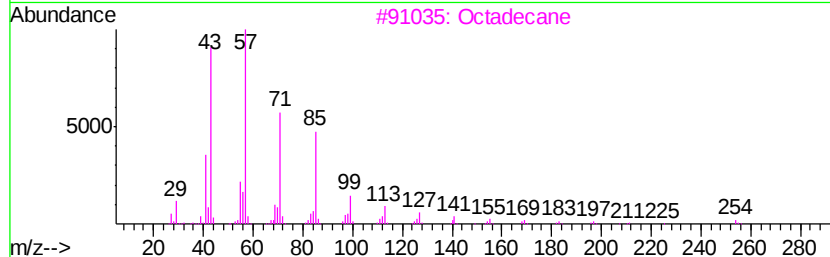
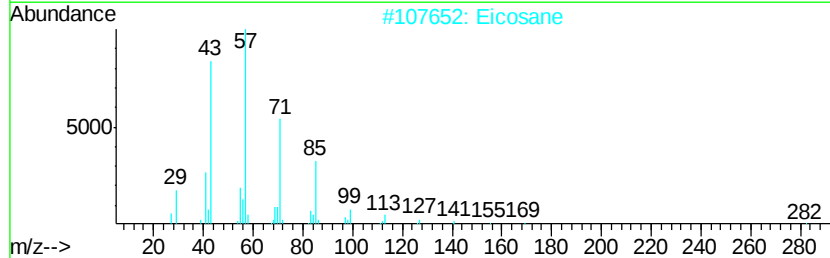
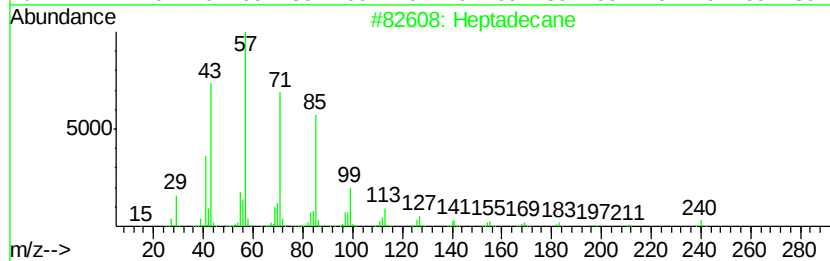
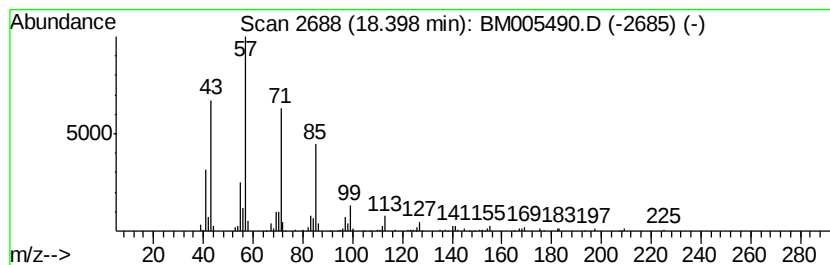
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.25 ng/ul	215404	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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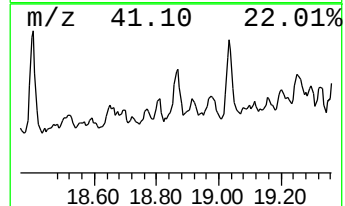
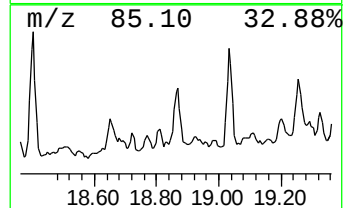
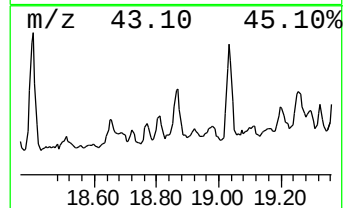
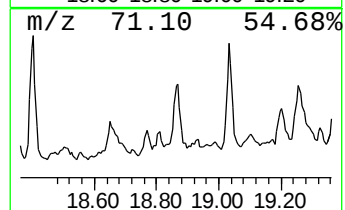
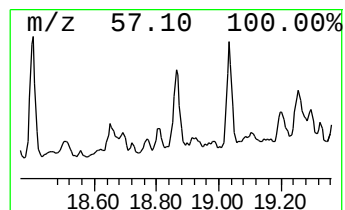
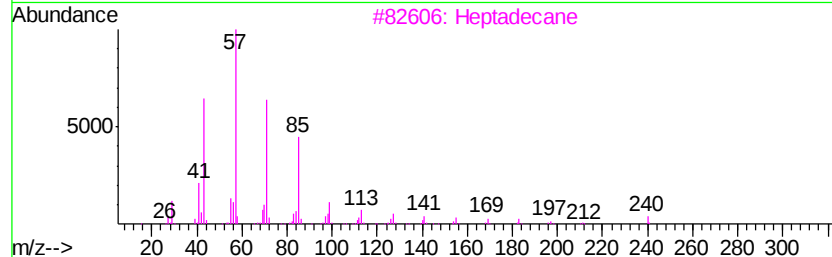
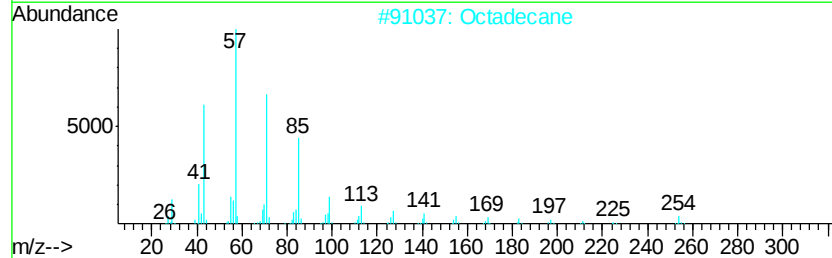
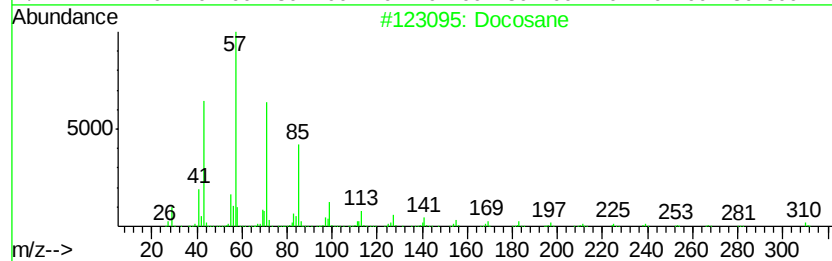
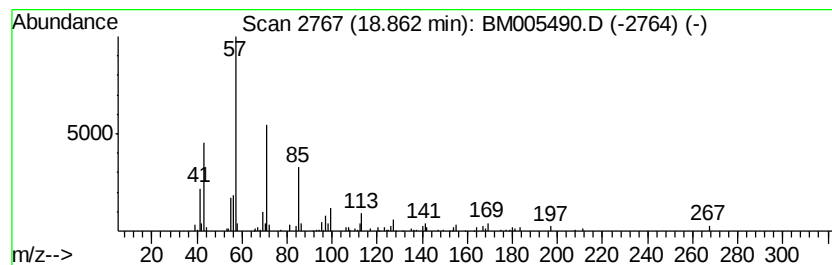
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.90 ng/ul	119037	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Octadecane	254	C18H38	000593-45-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Eicosane	282	C20H42	000112-95-8	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

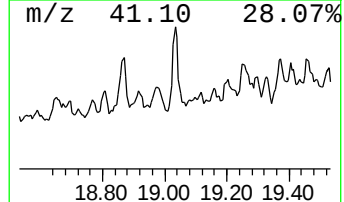
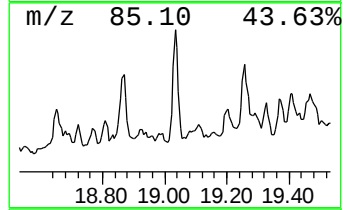
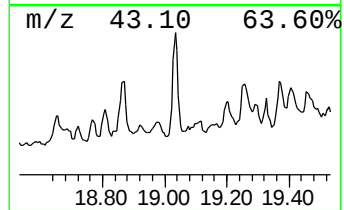
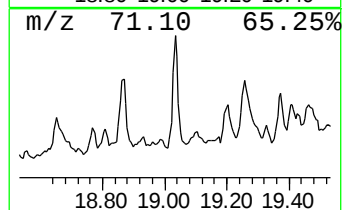
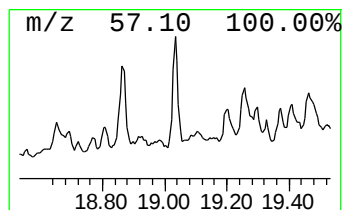
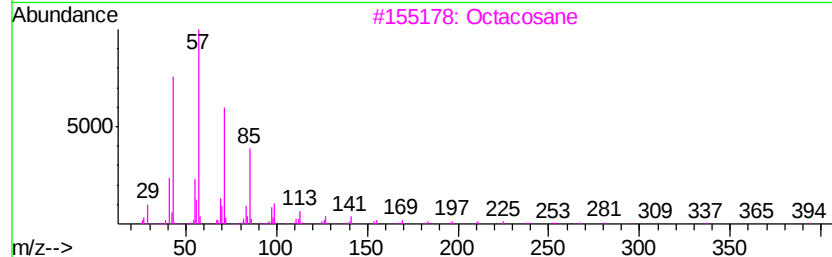
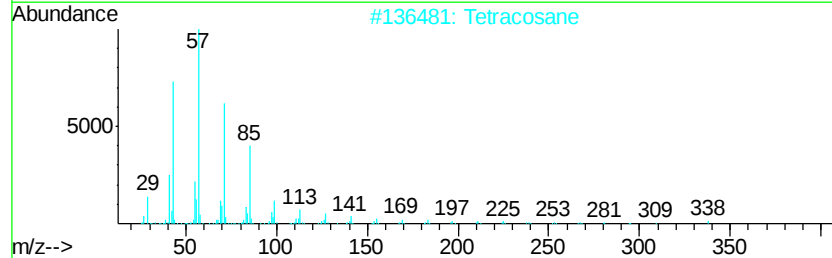
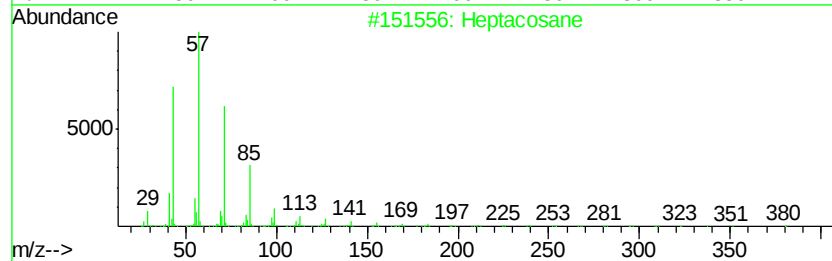
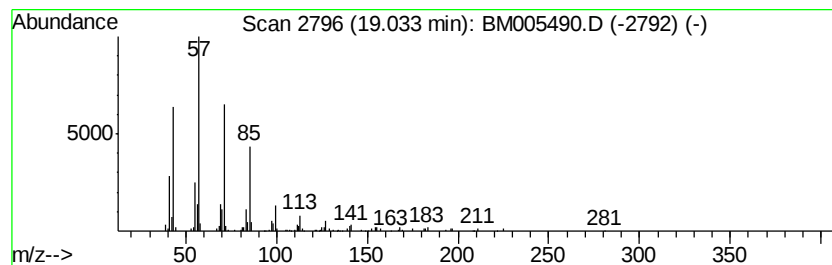
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	4.73 ng/ul	193883	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

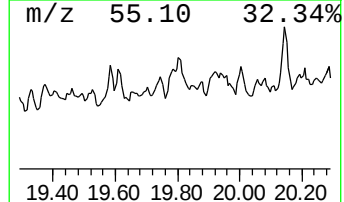
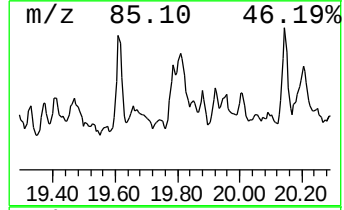
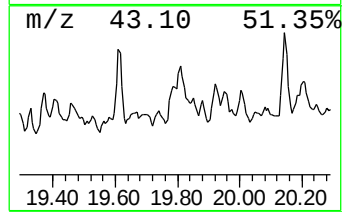
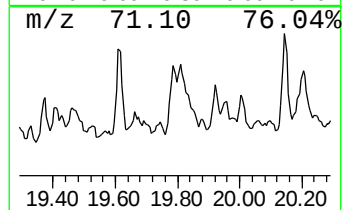
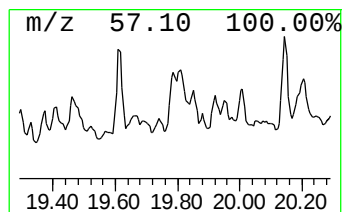
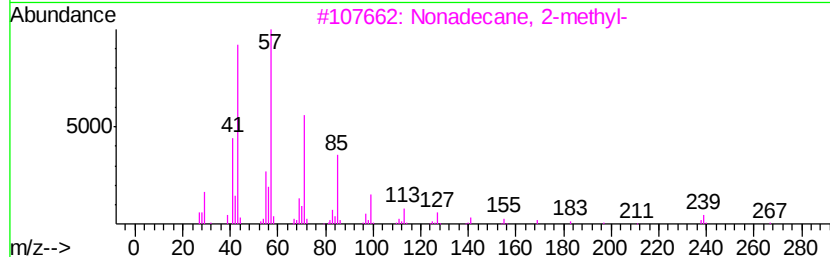
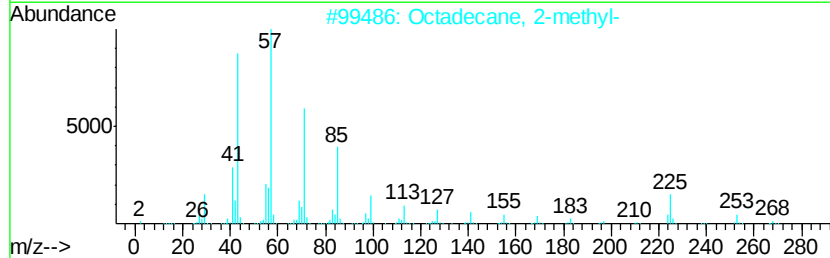
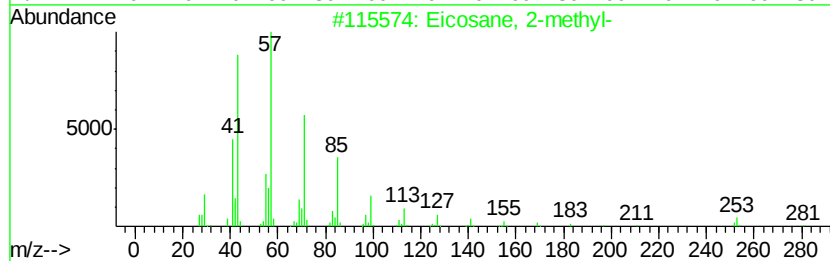
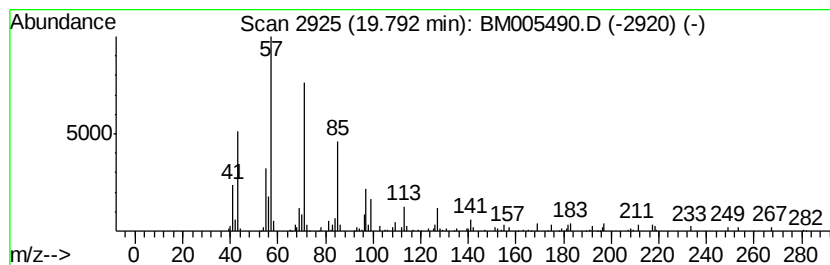
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.45 ng/ul	144575	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

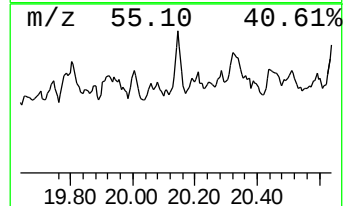
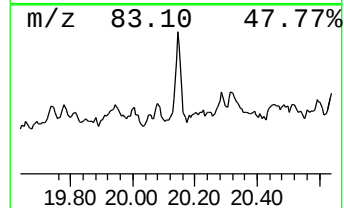
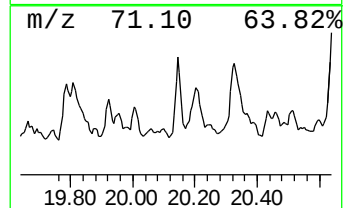
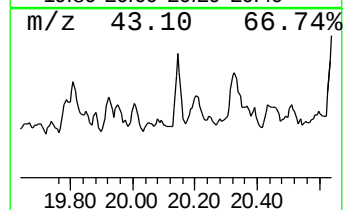
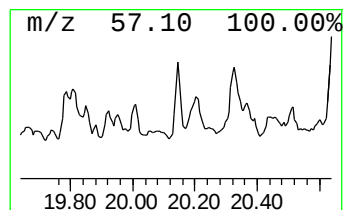
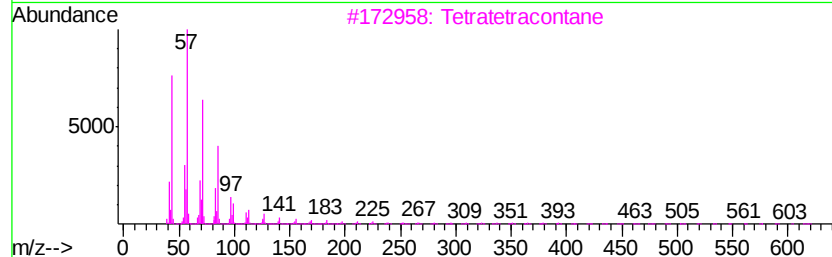
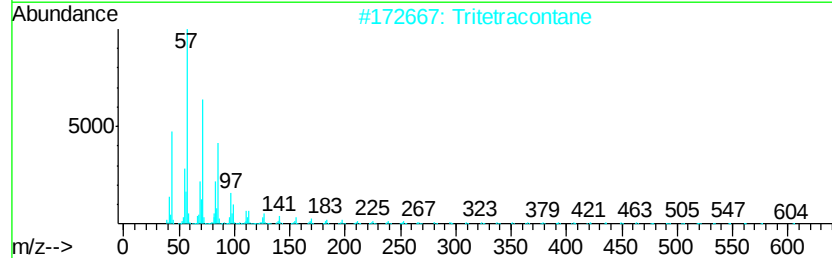
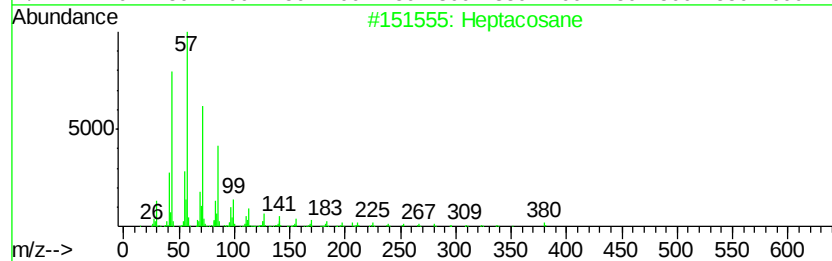
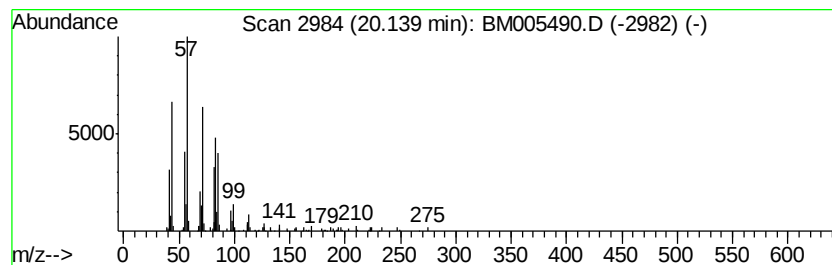
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	3.07 ng/ul	180812	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	58
2		Tritetracontane	605	C43H88	007098-21-7	58
3		Tetratetracontane	619	C44H90	007098-22-8	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

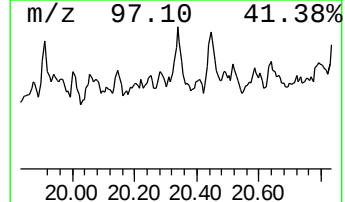
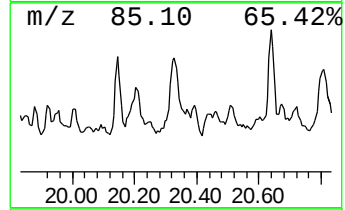
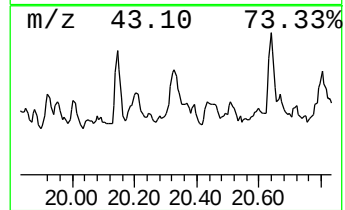
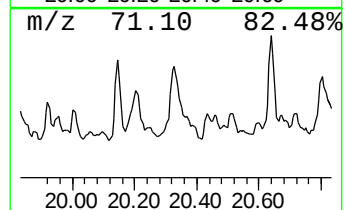
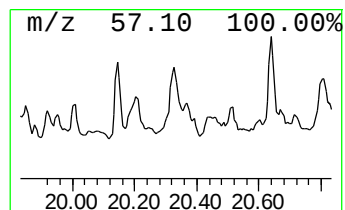
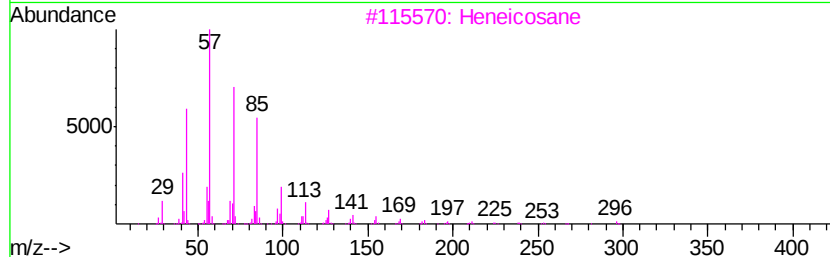
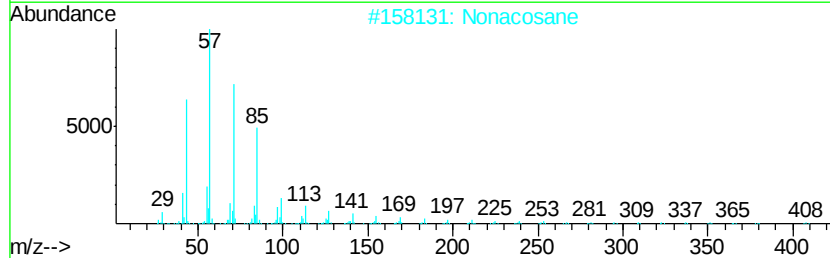
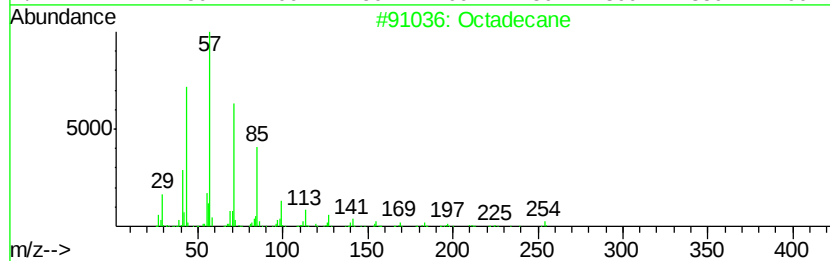
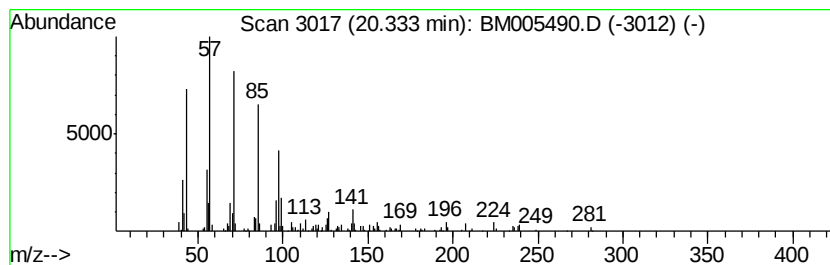
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	3.10 ng/ul	182699	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	83
2		Nonacosane	408	C29H60	000630-03-5	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

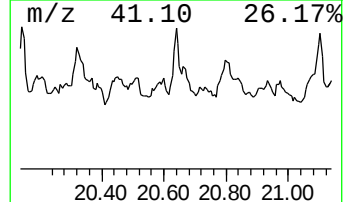
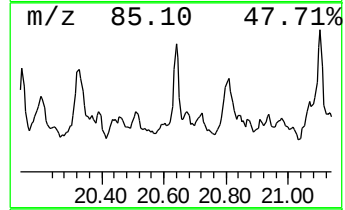
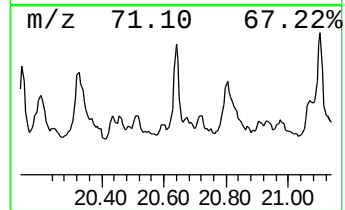
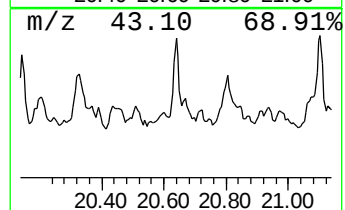
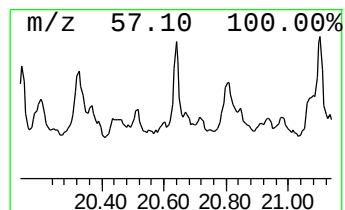
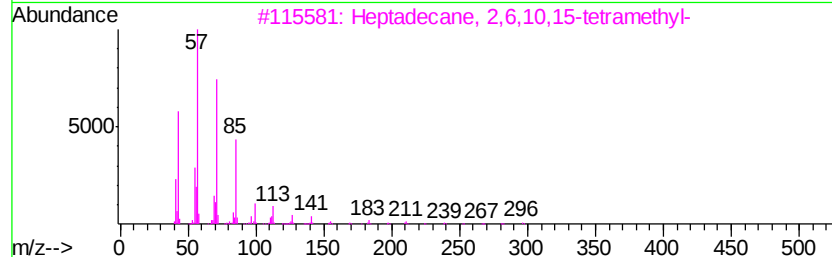
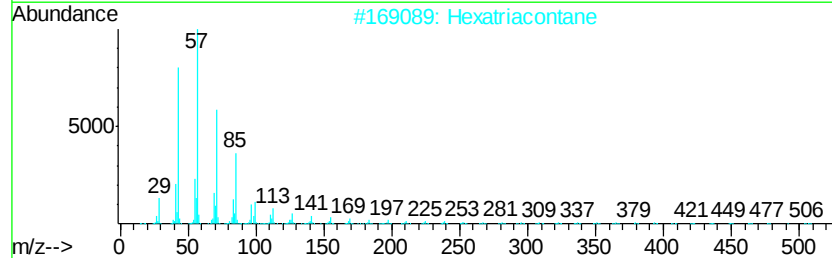
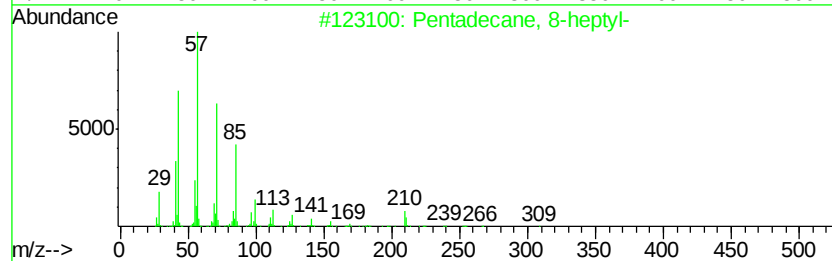
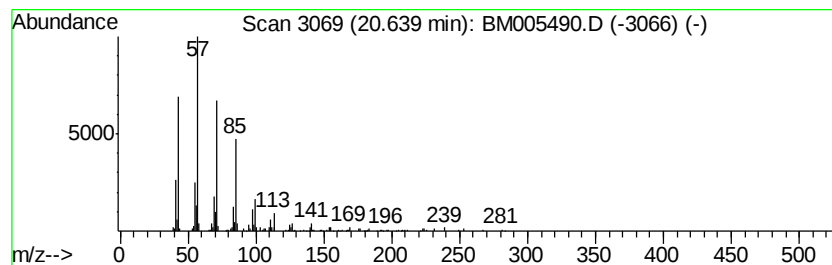
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	3.09 ng/ul	182273	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2		Hexatriacontane	507	C36H74	000630-06-8	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

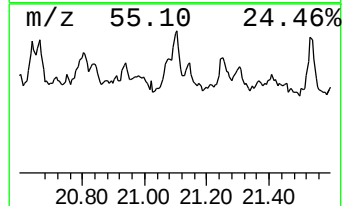
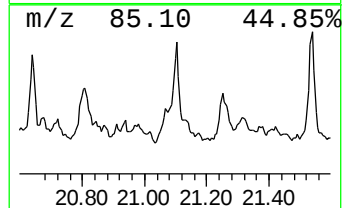
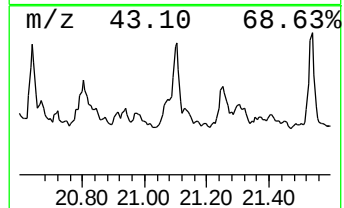
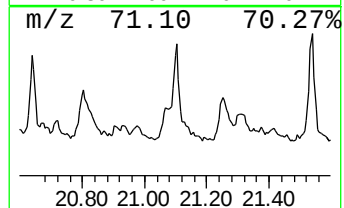
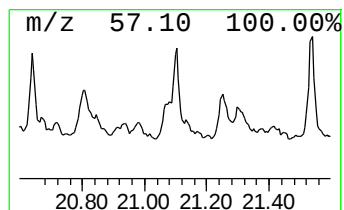
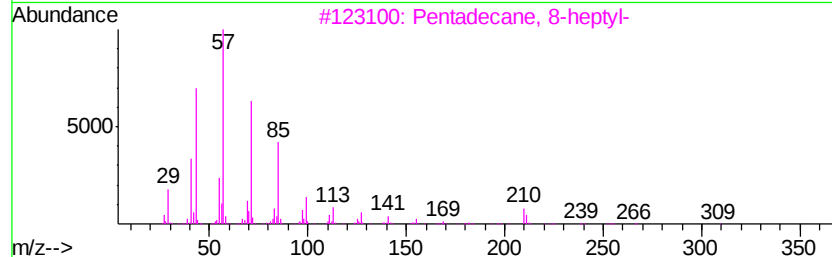
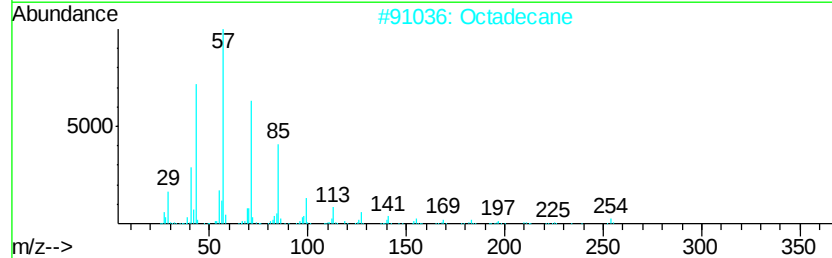
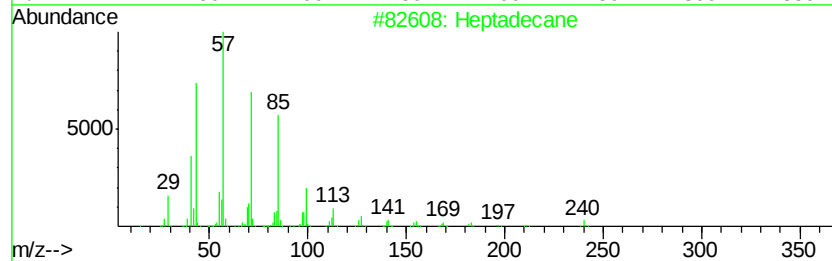
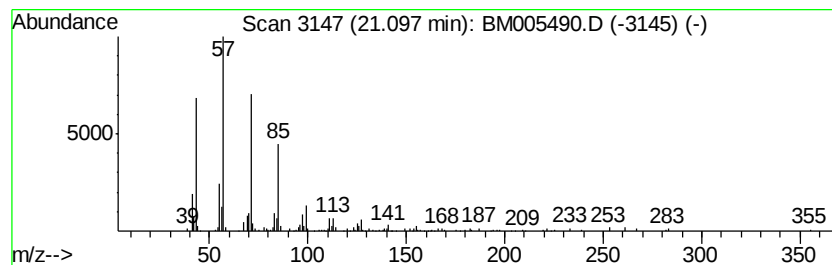
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.92 ng/ul	172324	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Octadecane	254	C18H38	000593-45-3	86
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

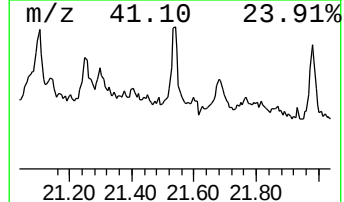
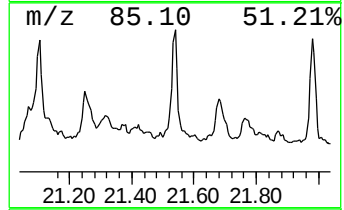
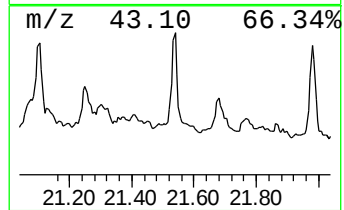
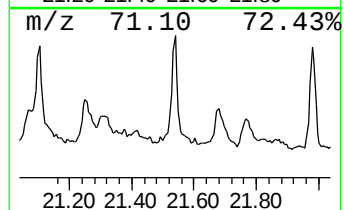
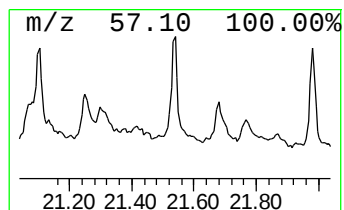
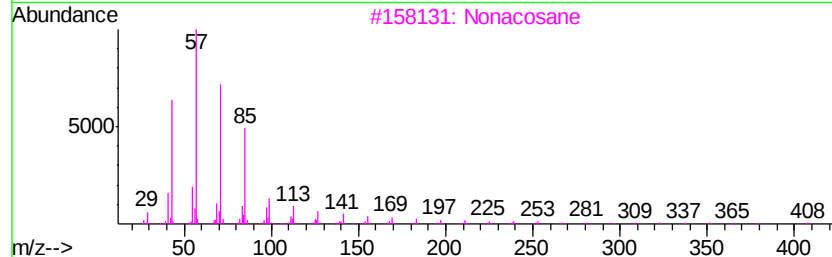
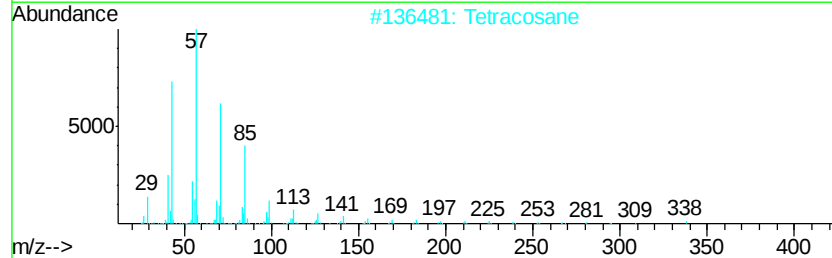
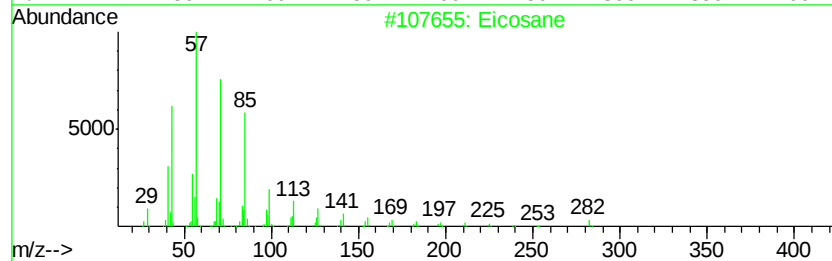
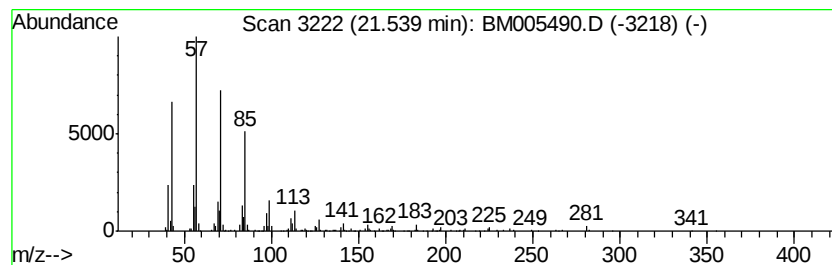
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.48 ng/ul	263997	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Tetracosane			338	C24H50	000646-31-1	90
3	Nonacosane			408	C29H60	000630-03-5	90
4	Heneicosane			296	C21H44	000629-94-7	90
5	Heptadecane			240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

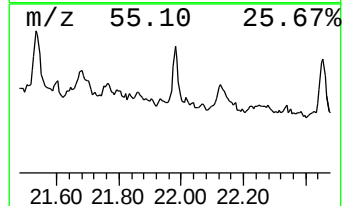
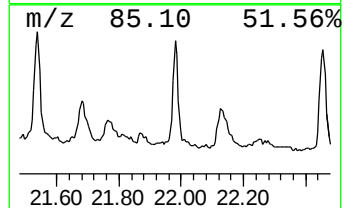
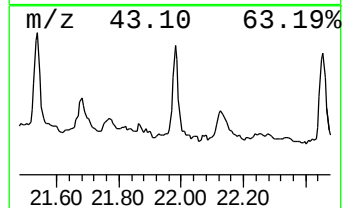
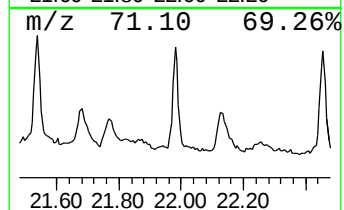
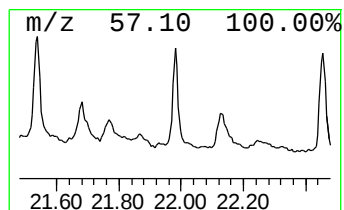
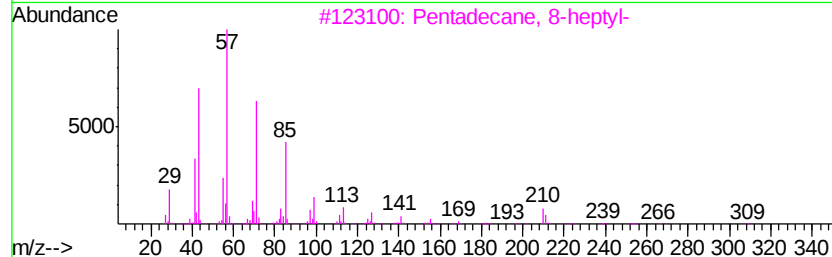
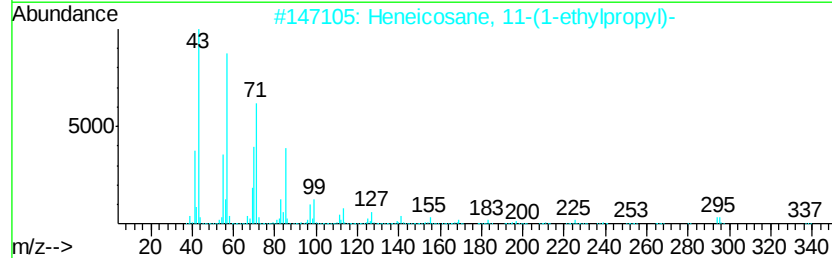
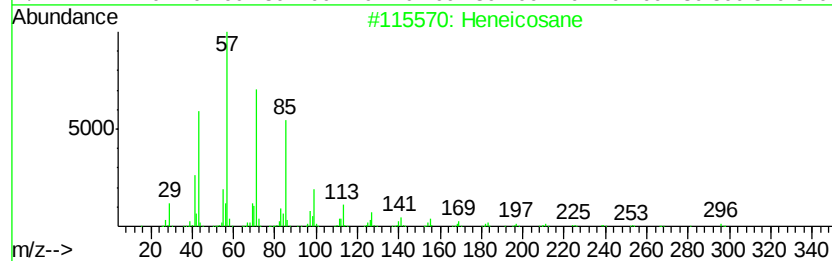
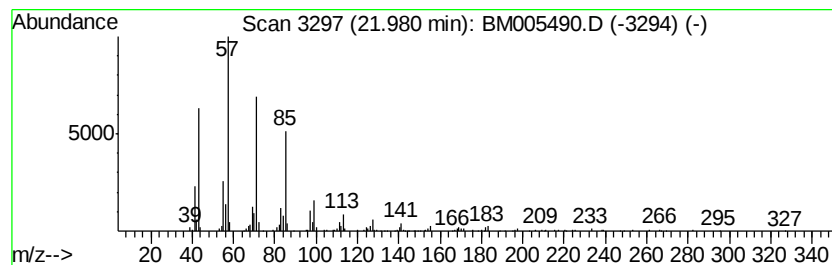
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.71 ng/ul	218781	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

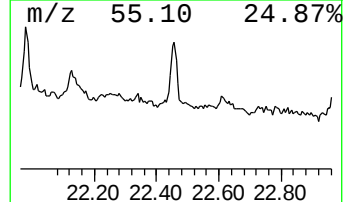
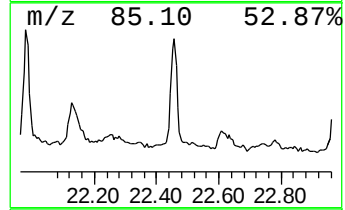
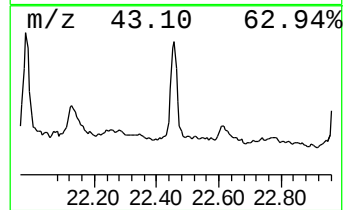
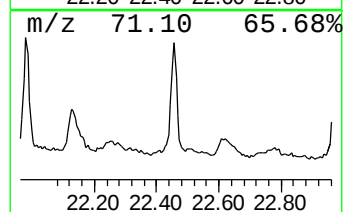
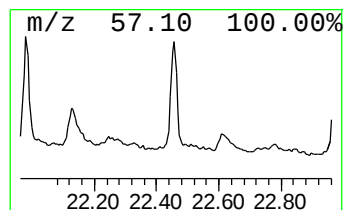
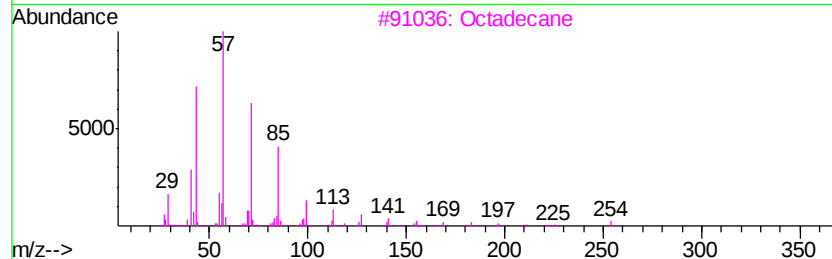
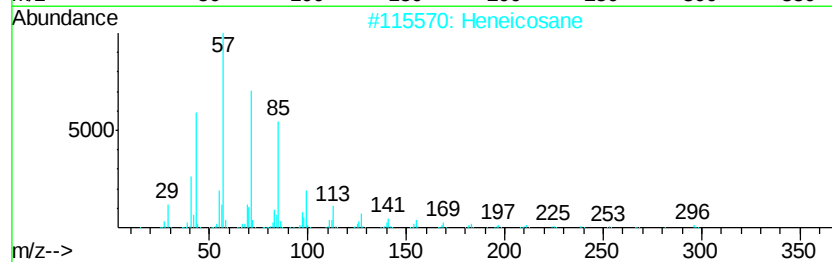
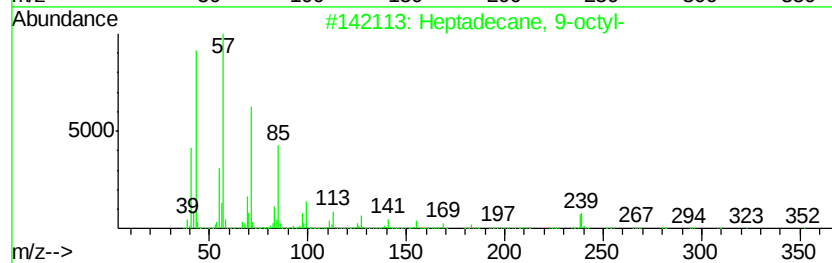
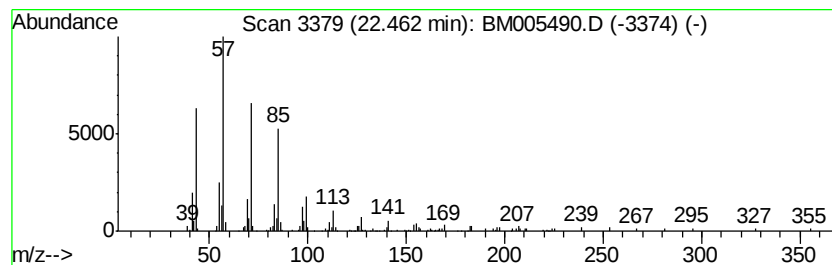
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	4.60 ng/ul	270945	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

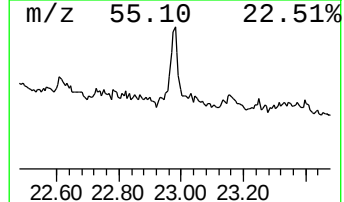
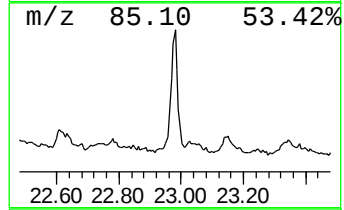
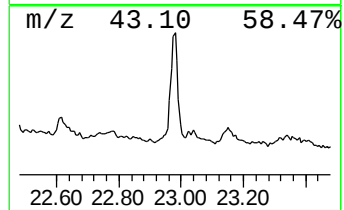
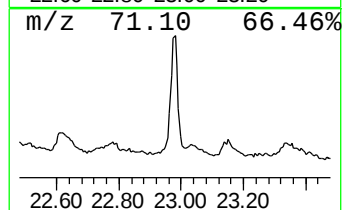
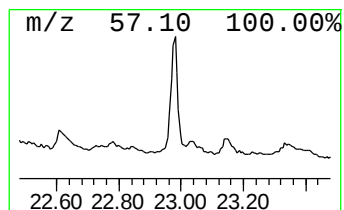
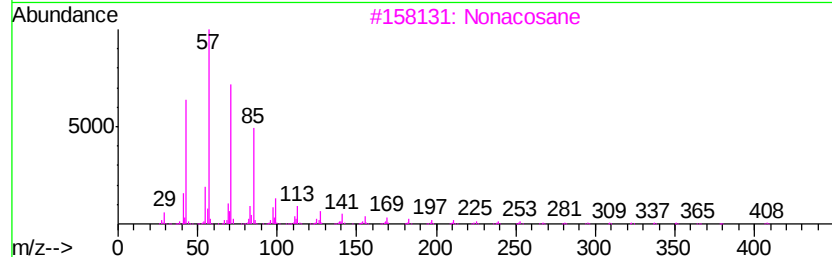
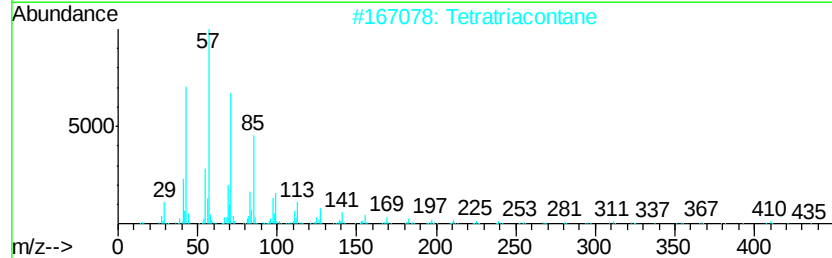
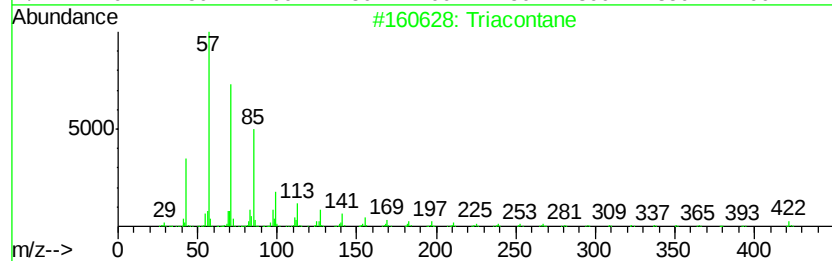
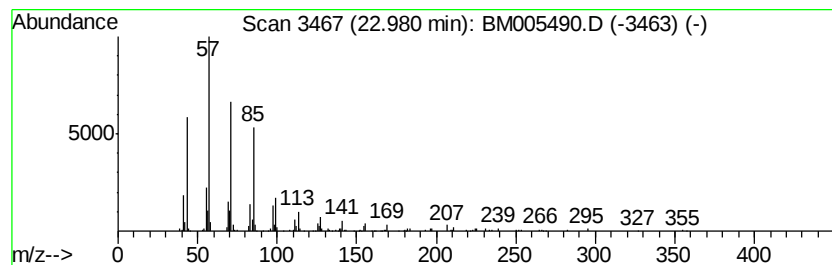
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	3.90 ng/ul	288092	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

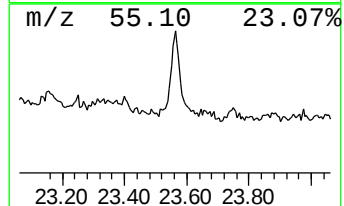
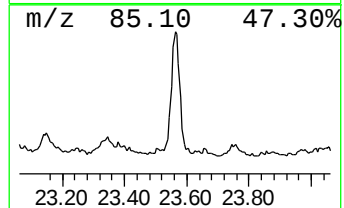
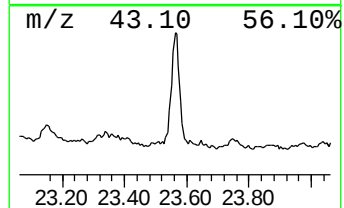
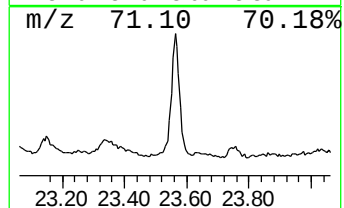
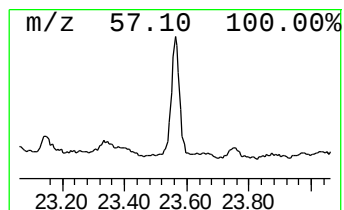
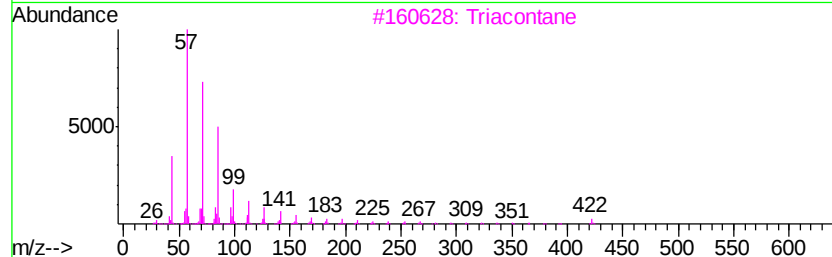
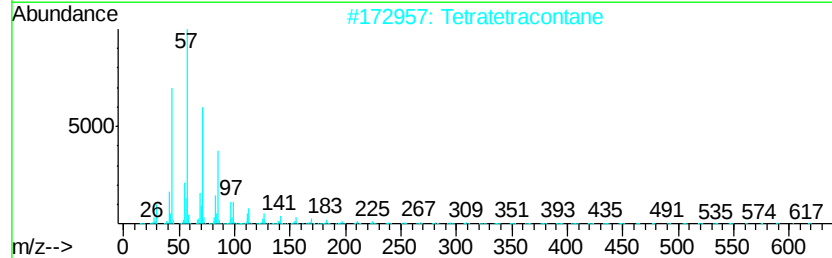
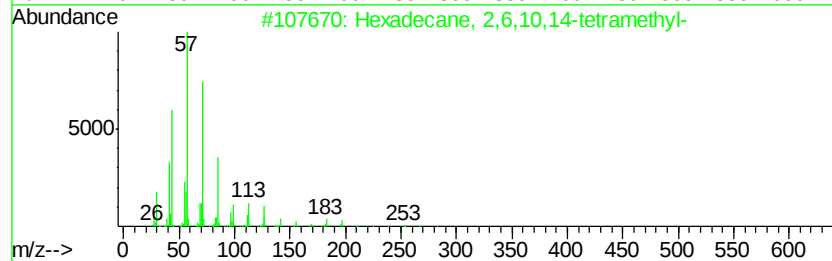
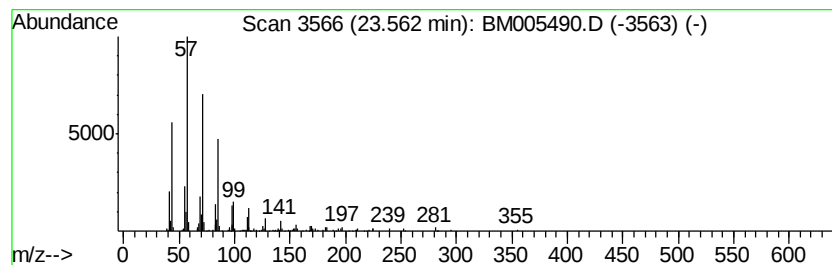
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	4.89 ng/ul	361880	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Triacontane	422	C30H62	000638-68-6	87
4			Docosane	310	C22H46	000629-97-0	87
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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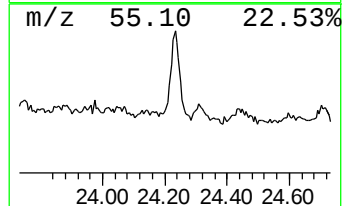
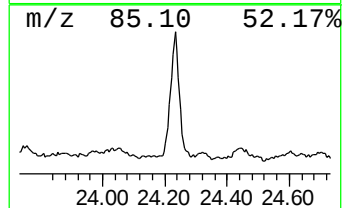
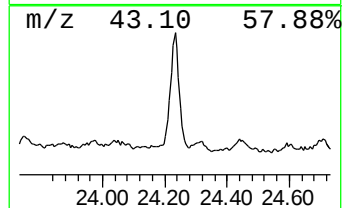
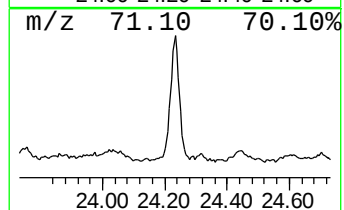
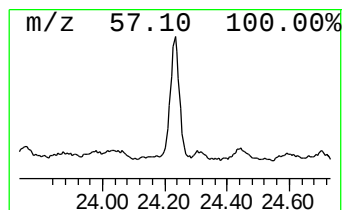
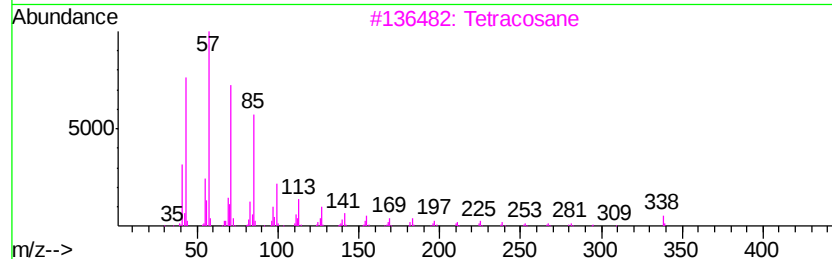
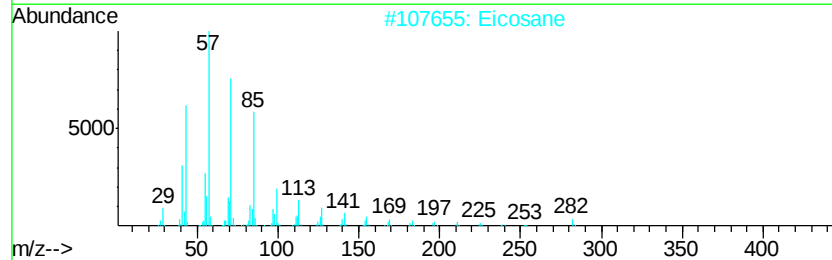
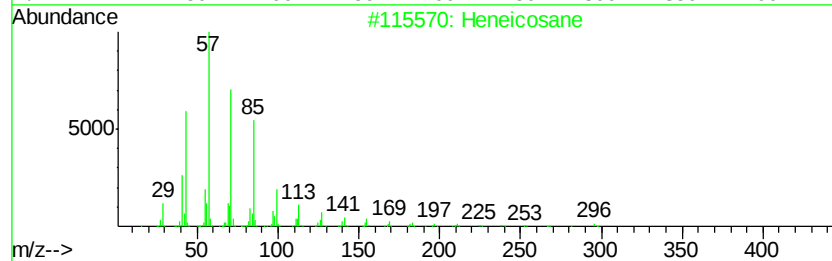
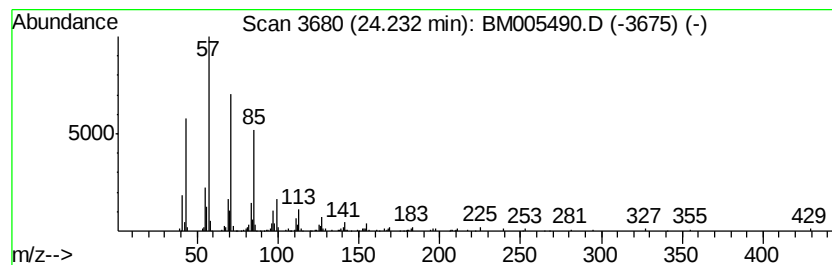
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	5.13 ng/ul	379314	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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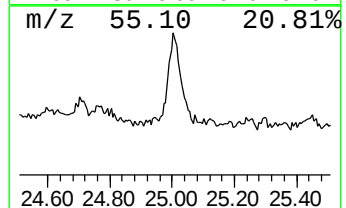
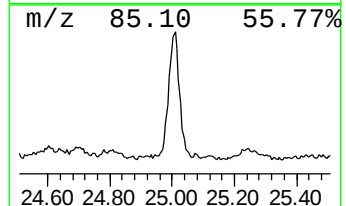
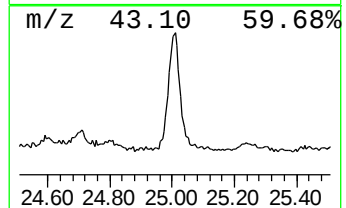
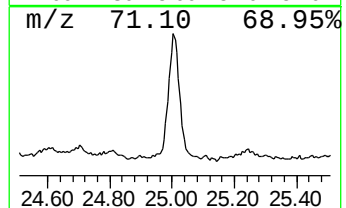
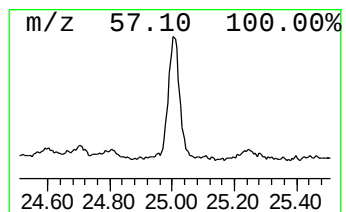
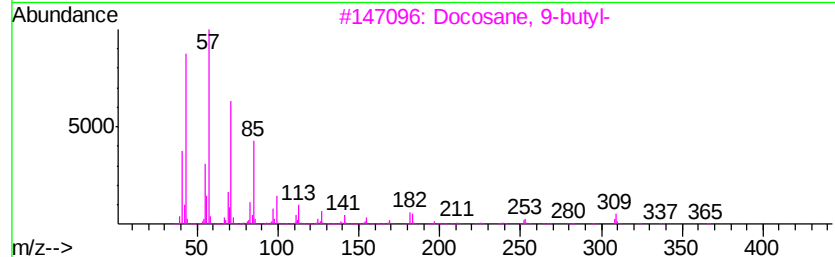
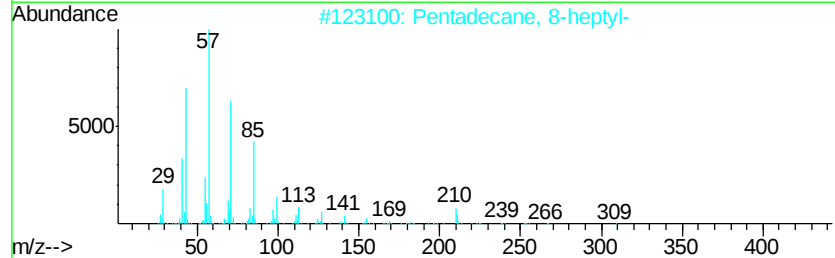
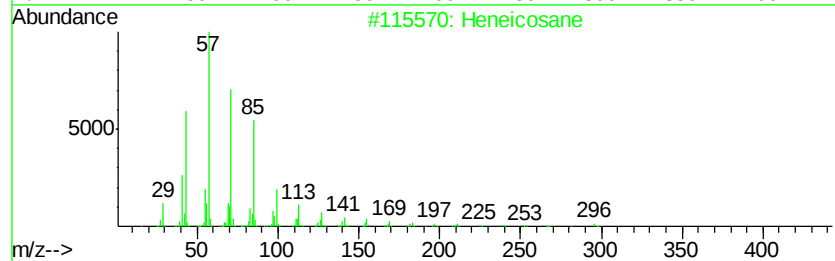
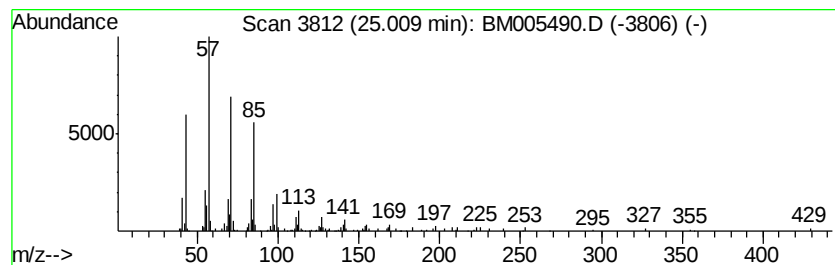
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	6.54 ng/ul	483991	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3			Docosane, 9-butyl-	366	C26H54	055282-14-9	86
4			Nonacosane	408	C29H60	000630-03-5	74
5			Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005490.D
Acq On : 19 May 2016 03:35
Operator : UM/SJ
Sample : H2890-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY8

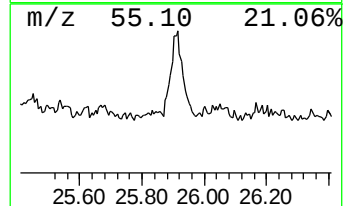
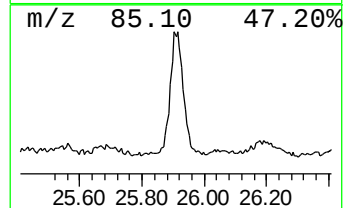
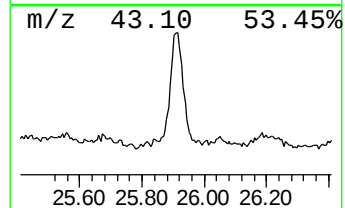
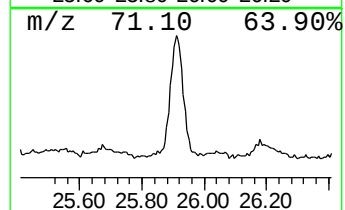
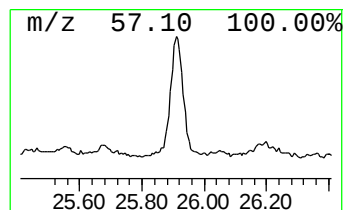
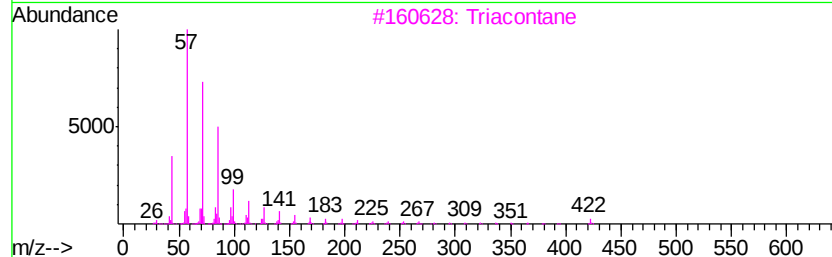
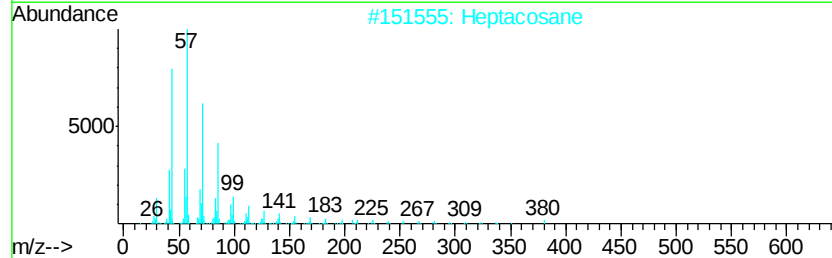
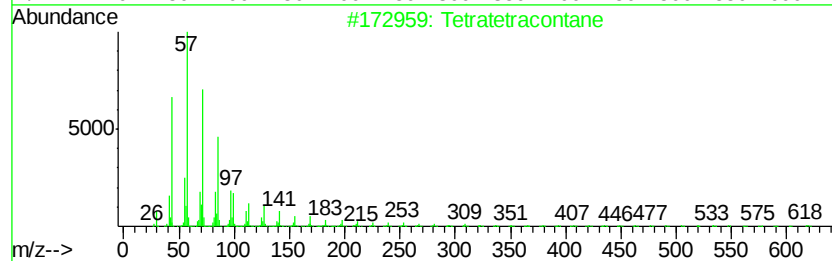
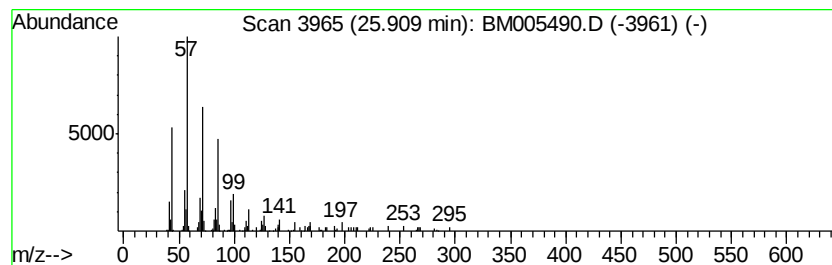
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	3.85 ng/ul	284402	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Triacontane	422	C30H62	000638-68-6	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005490.D
 Acq On : 19 May 2016 03:35
 Operator : UM/SJ
 Sample : H2890-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.86	2.5	ng/ul	31082	1	7.83	249114	20.0
(DEL) Alkane: Str...	6.83	3.9	ng/ul	48980	1	7.83	249114	20.0
(DEL) Alkane: Str...	7.46	14.2	ng/ul	176334	1	7.83	249114	20.0
(DEL) Alkane: Cyc...	8.12	2.8	ng/ul	35080	1	7.83	249114	20.0
(DEL) Alkane: Str...	8.37	2.7	ng/ul	33317	1	7.83	249114	20.0
(DEL) Alkane: Str...	8.60	2.6	ng/ul	32936	1	7.83	249114	20.0
(DEL) Alkane: Str...	9.06	16.2	ng/ul	201636	1	7.83	249114	20.0
Naphthalene, 1-me...	12.50	3.7	ng/ul	72620	2	10.63	394528	20.0
Naphthalene, 2,3-...	13.79	3.1	ng/ul	89714	3	14.46	584542	20.0
(DEL) Alkane: Str...	14.37	2.4	ng/ul	70374	3	14.46	584542	20.0
(DEL) Alkane: Str...	15.32	4.3	ng/ul	125043	3	14.46	584542	20.0
(DEL) Alkane: Str...	15.73	2.8	ng/ul	81860	3	14.46	584542	20.0
(DEL) Alkane: Str...	16.18	9.4	ng/ul	383750	4	17.20	820400	20.0
Silane, chlorotri...	16.35	2.7	ng/ul	111508	4	17.20	820400	20.0
unknown-01	16.53	2.1	ng/ul	85284	4	17.20	820400	20.0
unknown-02	16.62	2.8	ng/ul	113000	4	17.20	820400	20.0
Phenol, 4-(1,1-di...	16.68	2.2	ng/ul	90811	4	17.20	820400	20.0
(DEL) Alkane: Str...	16.97	6.1	ng/ul	248649	4	17.20	820400	20.0
(DEL) Alkane: Str...	17.03	3.6	ng/ul	147410	4	17.20	820400	20.0
(DEL) Alkane: Str...	17.71	6.5	ng/ul	266434	4	17.20	820400	20.0
unknown-03	17.77	4.0	ng/ul	162058	4	17.20	820400	20.0
unknown-04	18.10	2.0	ng/ul	84231	4	17.20	820400	20.0
(DEL) Alkane: Str...	18.40	5.3	ng/ul	215404	4	17.20	820400	20.0
(DEL) Alkane: Str...	18.86	2.9	ng/ul	119037	4	17.20	820400	20.0
(DEL) Alkane: Str...	19.03	4.7	ng/ul	193883	4	17.20	820400	20.0
(DEL) Alkane: Str...	19.79	2.5	ng/ul	144575	5	21.37	1178350	20.0
(DEL) Alkane: Str...	20.14	3.1	ng/ul	180812	5	21.37	1178350	20.0
(DEL) Alkane: Str...	20.33	3.1	ng/ul	182699	5	21.37	1178350	20.0
(DEL) Alkane: Str...	20.64	3.1	ng/ul	182273	5	21.37	1178350	20.0
(DEL) Alkane: Str...	21.10	2.9	ng/ul	172324	5	21.37	1178350	20.0
(DEL) Alkane: Str...	21.54	4.5	ng/ul	263997	5	21.37	1178350	20.0
(DEL) Alkane: Str...	21.98	3.7	ng/ul	218781	5	21.37	1178350	20.0
(DEL) Alkane: Str...	22.46	4.6	ng/ul	270945	5	21.37	1178350	20.0
(DEL) Alkane: Str...	22.98	3.9	ng/ul	288092	6	23.66	1479180	20.0
(DEL) Alkane: Str...	23.56	4.9	ng/ul	361880	6	23.66	1479180	20.0
(DEL) Alkane: Str...	24.23	5.1	ng/ul	379314	6	23.66	1479180	20.0
(DEL) Alkane: Str...	25.01	6.5	ng/ul	483991	6	23.66	1479180	20.0
(DEL) Alkane: Str...	25.91	3.9	ng/ul	284402	6	23.66	1479180	20.0