

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002114.D
 Acq On : 29 Jul 2015 04:04
 Operator : TP/UM
 Sample : G3048-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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-BM072715.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	2.763	10	13	17	rBV	15735	16667	0.12%	0.015%
2	3.587	149	153	160	rVB	16068	20654	0.15%	0.018%
3	5.240	430	434	443	rBB2	13836	25856	0.18%	0.023%
4	5.610	490	497	502	rBB3	16542	22934	0.16%	0.021%
5	6.734	683	688	689	rBV2	10083	14591	0.10%	0.013%
6	6.781	692	696	699	rVV	60169	92404	0.66%	0.083%
7	6.816	699	702	714	rVB2	48442	80149	0.57%	0.072%
8	6.934	714	722	728	rBV	48587	80165	0.57%	0.072%
9	7.134	750	756	764	rVB	68748	107363	0.77%	0.096%
10	7.240	771	774	779	rVB2	15925	22307	0.16%	0.020%
11	7.598	829	835	841	rVB	207515	315508	2.25%	0.282%
12	7.710	849	854	860	rBV5	8444	17687	0.13%	0.016%
13	8.110	914	922	925	rBV3	17516	32521	0.23%	0.029%
14	8.234	938	943	948	rBV4	7026	14208	0.10%	0.013%
15	8.316	951	957	965	rBV	42521	71222	0.51%	0.064%
16	8.422	969	975	980	rVV3	18396	30288	0.22%	0.027%
17	8.692	1009	1021	1026	rBV5	11899	30029	0.21%	0.027%
18	8.757	1026	1032	1039	rVV	61662	112052	0.80%	0.100%
19	8.810	1039	1041	1051	rVB4	14101	22697	0.16%	0.020%
20	8.934	1058	1062	1067	rVB6	8197	16341	0.12%	0.015%
21	9.298	1117	1124	1129	rVB5	7695	17295	0.12%	0.015%
22	9.475	1146	1154	1164	rBV4	38932	75114	0.54%	0.067%
23	9.557	1164	1168	1172	rBV4	8665	14096	0.10%	0.013%
24	9.798	1203	1209	1213	rBV6	7054	16381	0.12%	0.015%
25	10.016	1241	1246	1254	rVB	72151	117239	0.84%	0.105%
26	10.386	1296	1309	1315	rBV	275237	478034	3.41%	0.428%
27	10.433	1315	1317	1323	rVB	12364	16626	0.12%	0.015%
28	10.533	1330	1334	1339	rVB	23649	35295	0.25%	0.032%
29	11.404	1477	1482	1492	rBV3	14864	29603	0.21%	0.026%
30	11.810	1544	1551	1557	rBV5	12424	19295	0.14%	0.017%
31	12.057	1586	1593	1600	rVB2	12649	27231	0.19%	0.024%
32	12.280	1625	1631	1636	rVB2	8877	16520	0.12%	0.015%
33	12.780	1712	1716	1722	rVB	26756	37739	0.27%	0.034%
34	12.851	1722	1728	1735	rVB3	10860	22344	0.16%	0.020%

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35	13.021	1750	1757	1759	rBV4	9256	14159	0.10%	0.013%
36	13.074	1759	1766	1773	rVV6	17406	42754	0.30%	0.038%
37	13.410	1818	1823	1826	rBV4	14154	23108	0.16%	0.021%
38	13.533	1840	1844	1847	rBV6	12021	15405	0.11%	0.014%
39	13.580	1847	1852	1857	rVV2	18887	31154	0.22%	0.028%
40	13.633	1857	1861	1863	rVV2	10622	15709	0.11%	0.014%
41	13.674	1863	1868	1872	rVV	157658	228586	1.63%	0.204%
42	13.721	1872	1876	1882	rVB2	75875	154402	1.10%	0.138%
43	13.951	1910	1915	1920	rBV	152806	234045	1.67%	0.209%
44	14.080	1933	1937	1945	rVB4	34056	55527	0.40%	0.050%
45	14.157	1945	1950	1954	rBV	40735	59862	0.43%	0.054%
46	14.263	1962	1968	1975	rVB2	434525	662747	4.72%	0.593%
47	14.327	1975	1979	1981	rBV4	13095	19059	0.14%	0.017%
48	14.492	2001	2007	2014	rVB4	38158	70115	0.50%	0.063%
49	14.574	2014	2021	2022	rBV6	11141	20640	0.15%	0.018%
50	14.663	2033	2036	2040	rVB	32725	41720	0.30%	0.037%
51	14.780	2052	2056	2064	rBV7	29402	49957	0.36%	0.045%
52	14.880	2070	2073	2076	rBV4	19750	32087	0.23%	0.029%
53	15.039	2096	2100	2107	rBV5	33103	56438	0.40%	0.050%
54	15.115	2109	2113	2116	rVV	31787	39247	0.28%	0.035%
55	15.257	2132	2137	2142	rVB	192464	267876	1.91%	0.240%
56	15.315	2142	2147	2150	rBV2	20719	40754	0.29%	0.036%
57	15.521	2178	2182	2187	rVB	78098	117457	0.84%	0.105%
58	15.610	2194	2197	2204	rVB5	27654	49352	0.35%	0.044%
59	15.674	2204	2208	2209	rBV3	17460	24387	0.17%	0.022%
60	15.727	2214	2217	2220	rBV3	22427	32520	0.23%	0.029%
61	15.998	2255	2263	2268	rBV2	204572	413857	2.95%	0.370%
62	16.768	2391	2394	2397	rBV2	55877	68605	0.49%	0.061%
63	16.821	2399	2403	2408	rVB2	129777	183178	1.31%	0.164%
64	17.009	2430	2435	2440	rBV2	548875	849536	6.05%	0.760%
65	17.057	2440	2443	2448	rVV	175546	233607	1.66%	0.209%
66	17.109	2448	2452	2456	rVV	189753	252285	1.80%	0.226%
67	17.421	2503	2505	2511	rVB3	59184	78018	0.56%	0.070%
68	17.509	2516	2520	2523	rVV	73636	91147	0.65%	0.082%
69	17.915	2585	2589	2599	rVB4	252956	443605	3.16%	0.397%
70	18.203	2634	2638	2641	rBV	148596	196900	1.40%	0.176%
71	18.298	2649	2654	2661	rVB2	677931	1117152	7.96%	0.999%

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72	18.480	2682	2685	2694	rBV3	198759	313437	2.23%	0.280%
73	18.645	2706	2713	2718	rVB	10683243	14031943	100.00%	12.552%
74	18.768	2730	2734	2739	rVB2	303042	408573	2.91%	0.365%
75	18.839	2742	2746	2755	rVB2	593068	849689	6.06%	0.760%
76	19.080	2783	2787	2791	rBV	343233	469580	3.35%	0.420%
77	19.139	2792	2797	2802	rVB	3064052	3987598	28.42%	3.567%
78	19.427	2841	2846	2858	rVB4	1457432	2290452	16.32%	2.049%
79	19.927	2928	2931	2933	rBV	228734	274202	1.95%	0.245%
80	19.962	2933	2937	2941	rVB	2568593	2868447	20.44%	2.566%
81	20.080	2953	2957	2961	rBV2	510624	638225	4.55%	0.571%
82	20.462	3018	3022	3027	rVB	4416143	4631011	33.00%	4.143%
83	20.927	3097	3101	3108	rVB	5675633	6302901	44.92%	5.638%
84	21.209	3145	3149	3154	rBV	864195	1292322	9.21%	1.156%
85	21.368	3171	3176	3180	rVB	6756424	7583268	54.04%	6.784%
86	21.791	3243	3248	3254	rVB	7374139	8747634	62.34%	7.825%
87	22.244	3320	3325	3333	rVB	7083152	9311232	66.36%	8.329%
88	22.744	3403	3410	3415	rBV	6486853	9787185	69.75%	8.755%
89	23.297	3497	3504	3520	rVB	5033324	8837101	62.98%	7.905%
90	23.427	3522	3526	3531	rVB	493000	741360	5.28%	0.663%
91	23.927	3604	3611	3618	rVB	4116448	7949436	56.65%	7.111%
92	24.650	3727	3734	3743	rVB	2338708	5171676	36.86%	4.626%
93	25.497	3872	3878	3888	rVB	1661186	4162067	29.66%	3.723%
94	26.491	4041	4047	4062	rVB	912848	2742121	19.54%	2.453%

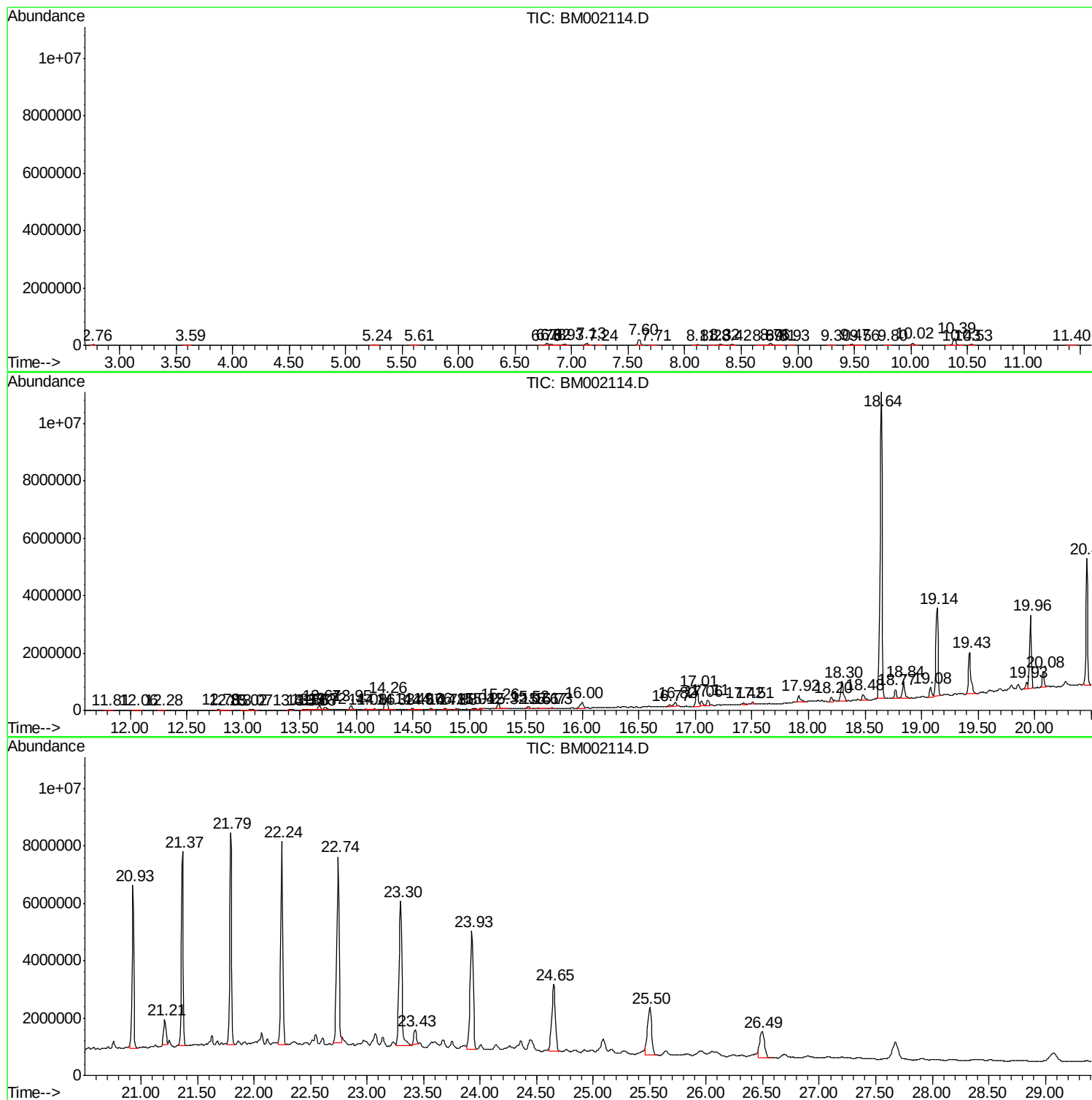
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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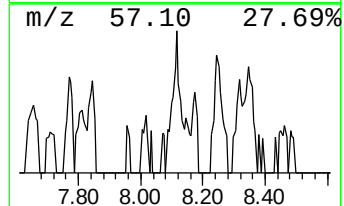
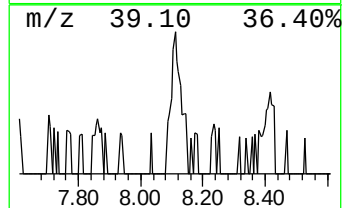
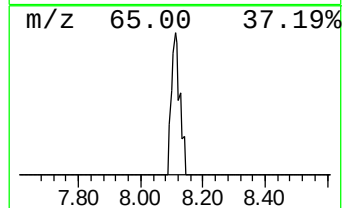
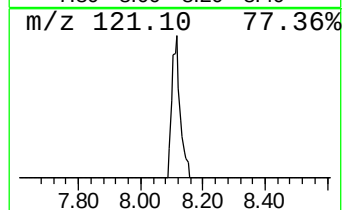
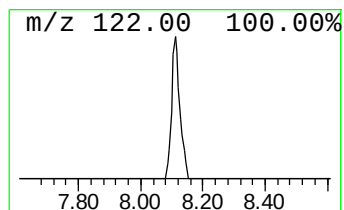
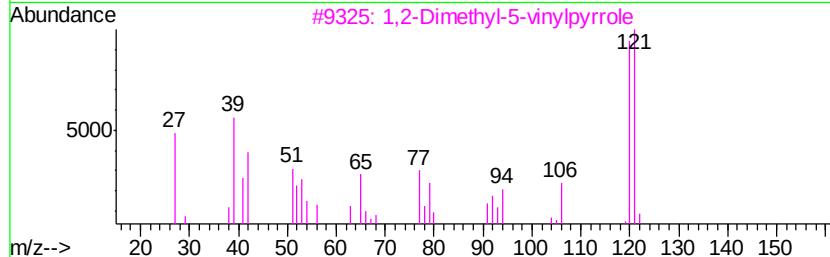
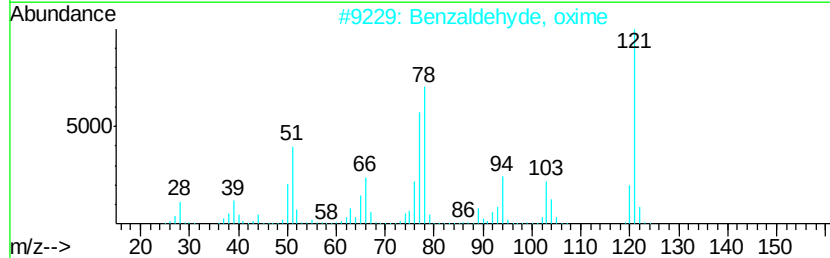
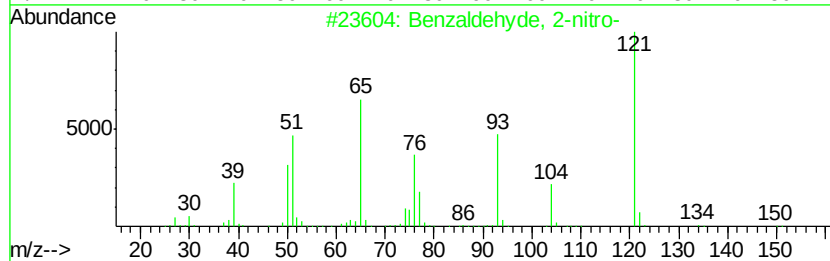
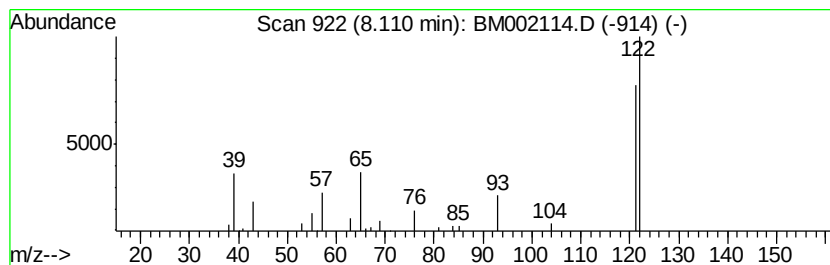
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.11	2.06 ng/ul	32521	1,4-Dichlorobenzene-d4	7.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 2-nitro-	151	C7H5NO3	000552-89-6	43
2		Benzaldehyde, oxime	121	C7H7NO	000932-90-1	9
3		1,2-Dimethyl-5-vinylpyrrole	121	C8H11N	075275-61-5	9
4		Benzaldehyde, 2-nitro-	151	C7H5NO3	000552-89-6	8
5		Formamide, N-phenyl-	121	C7H7NO	000103-70-8	7



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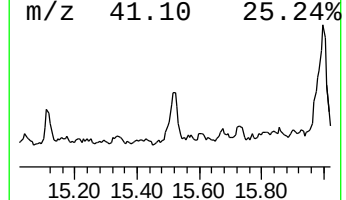
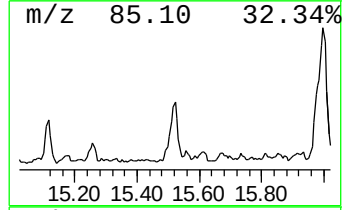
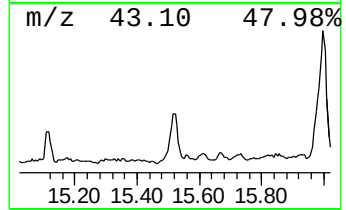
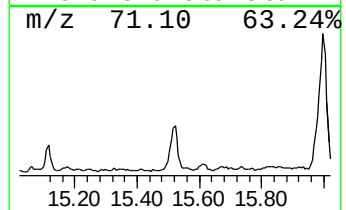
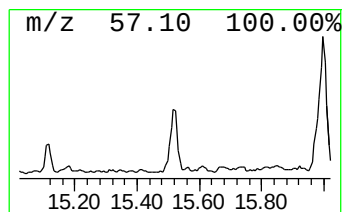
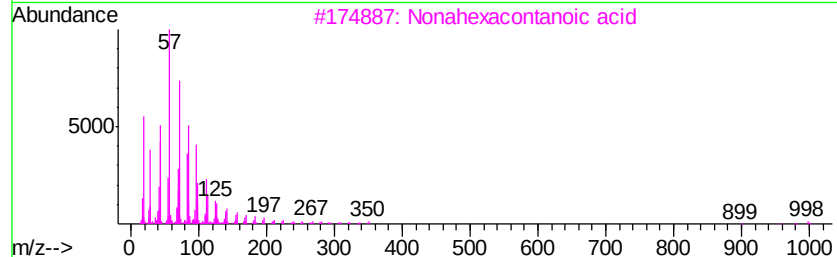
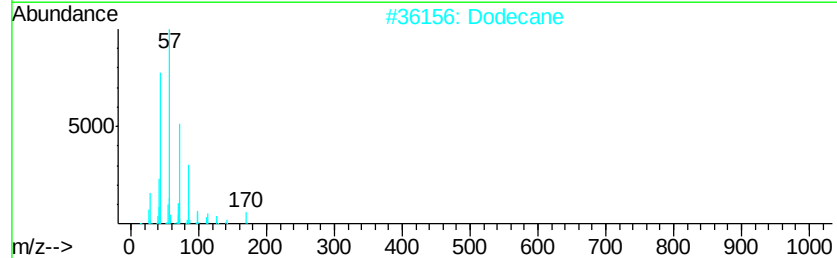
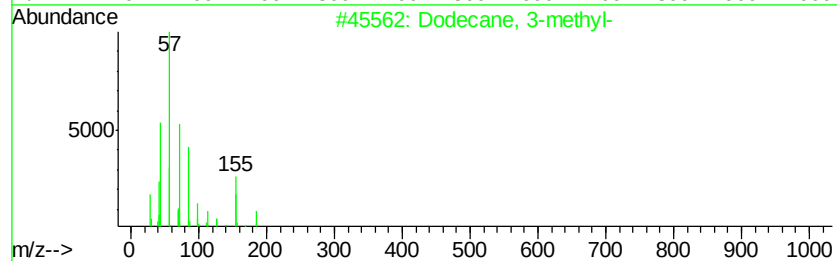
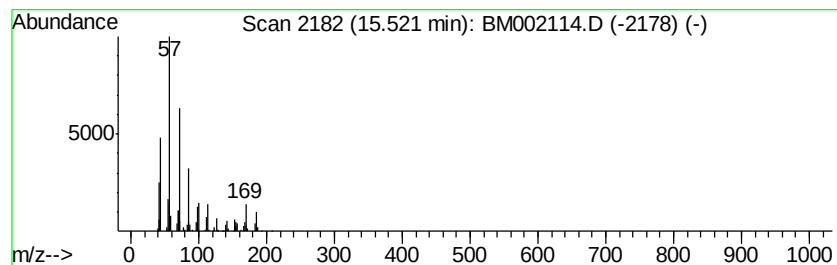
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.54 ng/ul	117457	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	87
2		Dodecane	170	C12H26	000112-40-3	76
3		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
5		Docosane	310	C22H46	000629-97-0	64



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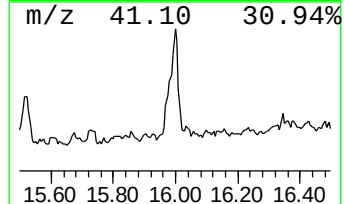
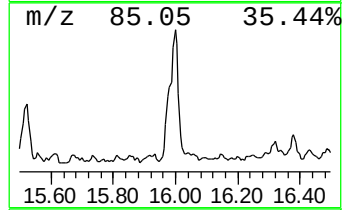
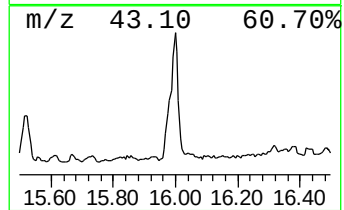
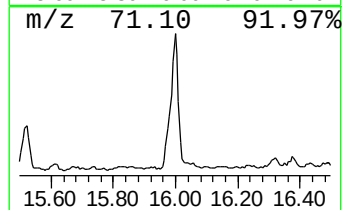
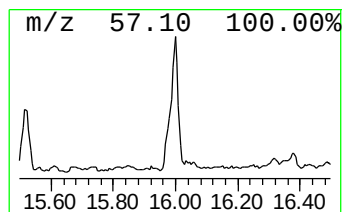
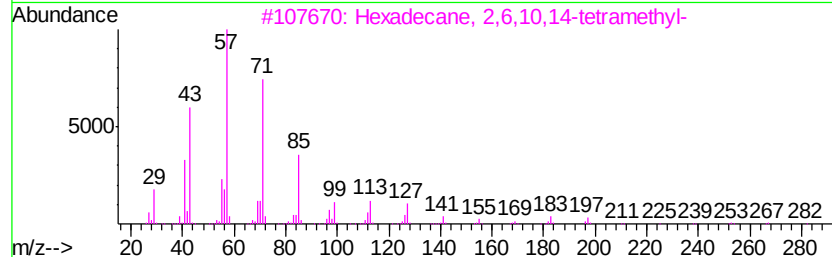
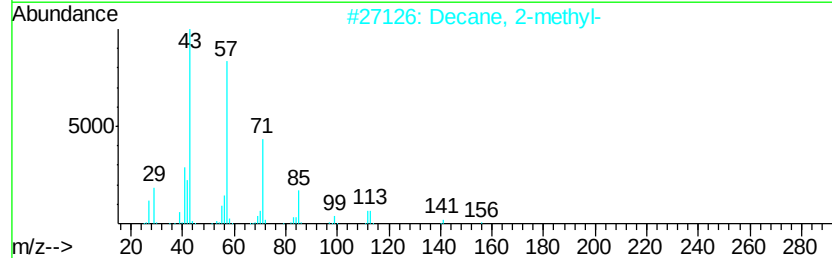
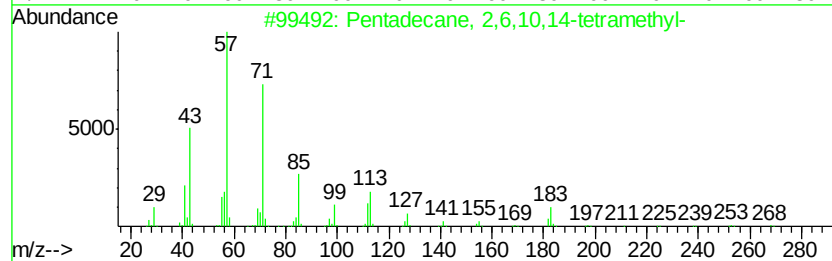
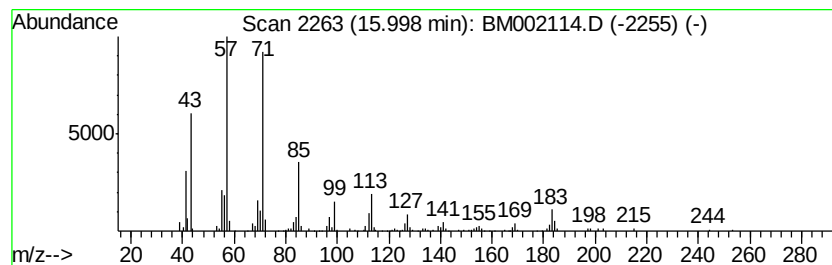
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	9.74 ng/ul	413857	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Decane, 2-methyl-	156	C11H24	006975-98-0	81
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72



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C02H0

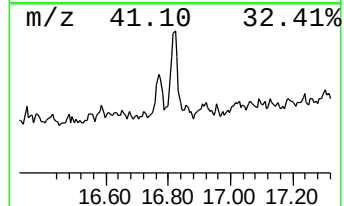
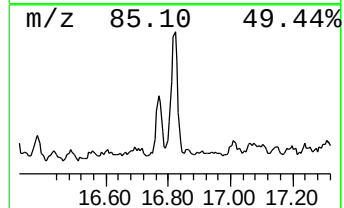
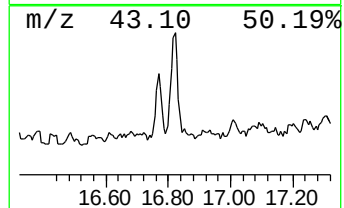
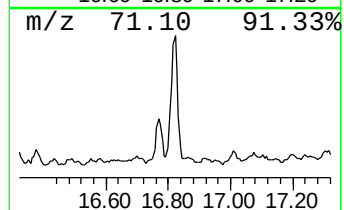
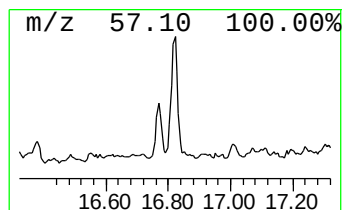
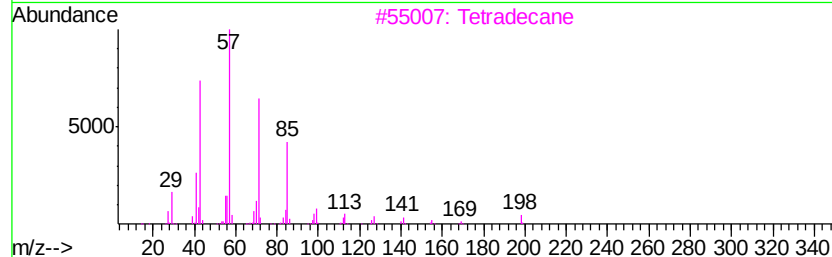
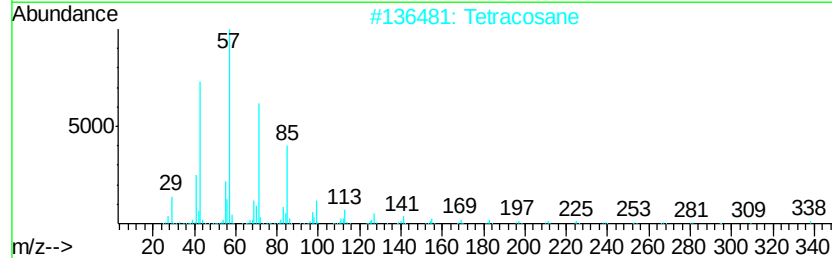
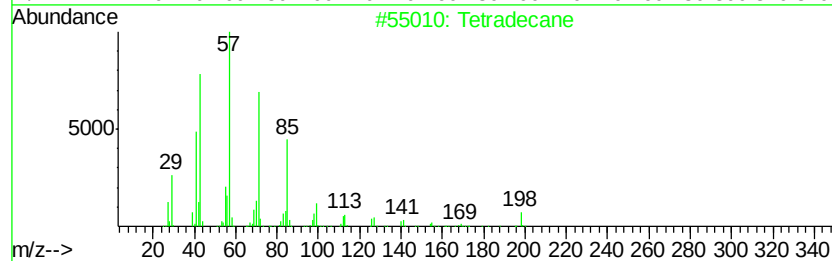
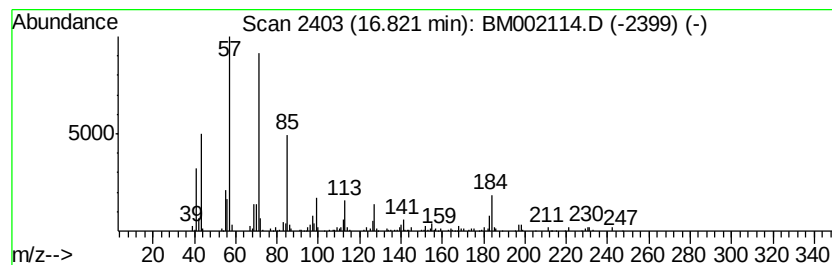
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.31 ng/ul	183178	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tetracosane	338	C24H50	000646-31-1	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	86
5			Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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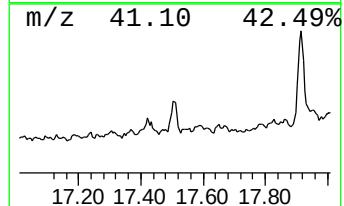
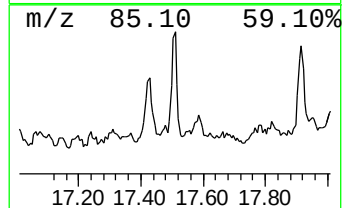
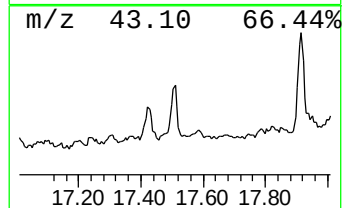
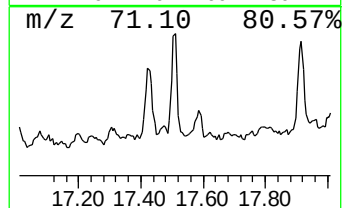
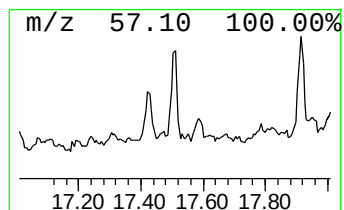
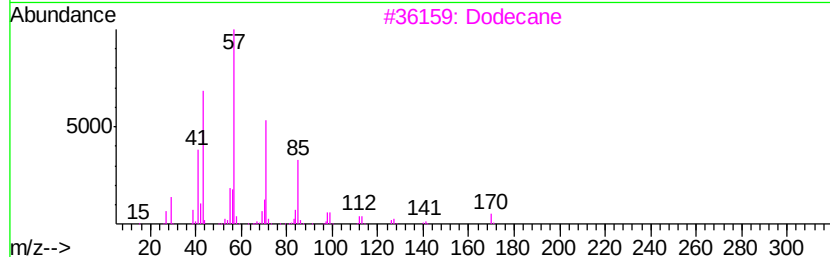
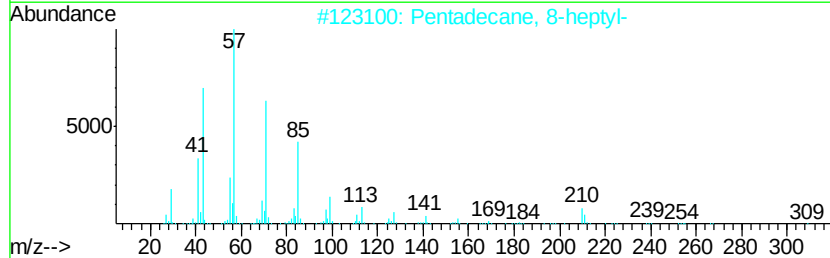
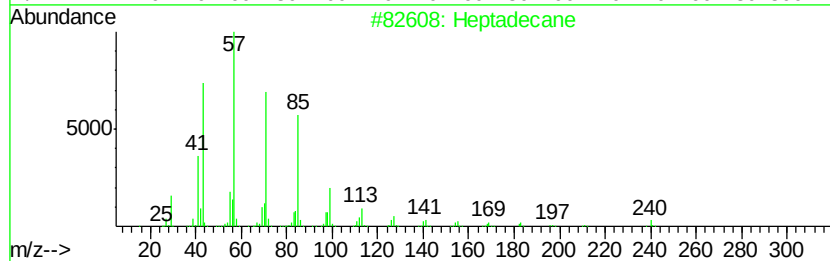
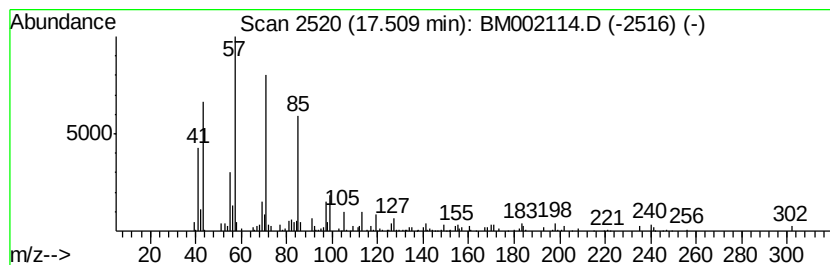
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.15 ng/ul	91147	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3		Dodecane	170	C12H26	000112-40-3	83
4		Tridecane	184	C13H28	000629-50-5	80
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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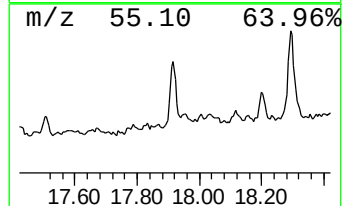
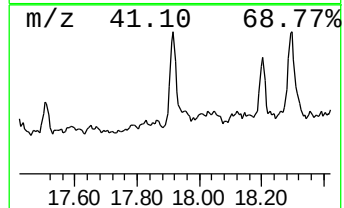
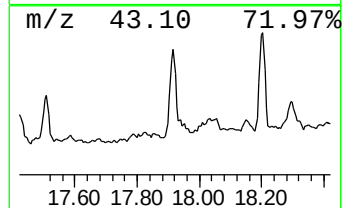
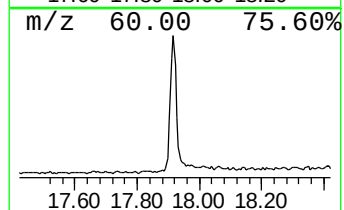
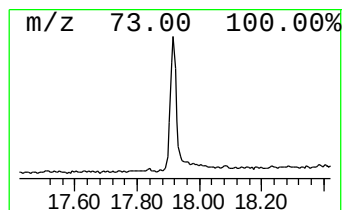
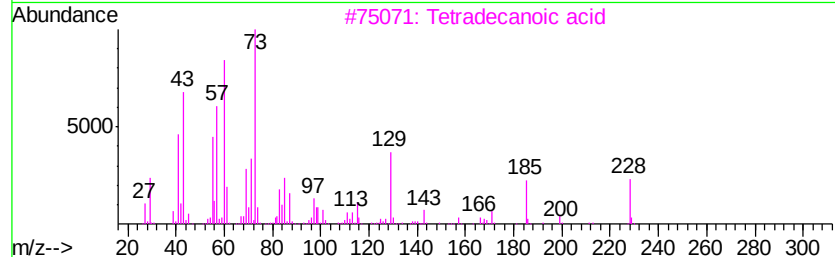
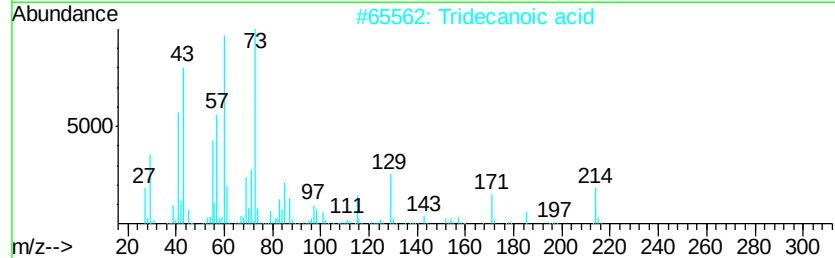
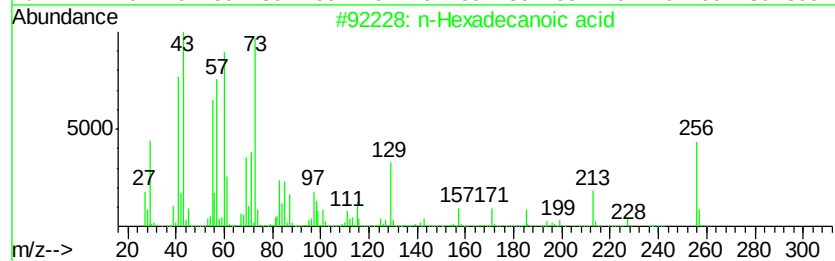
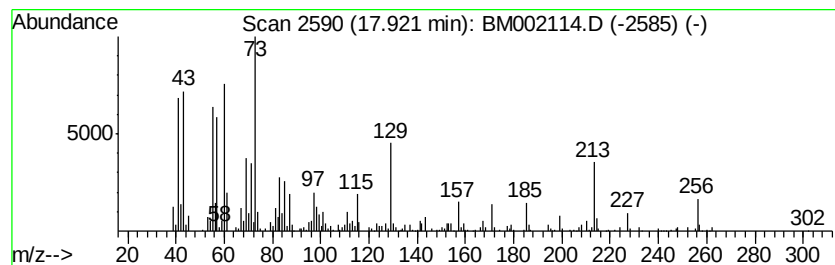
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	10.44 ng/ul	443605	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
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Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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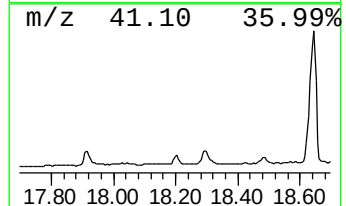
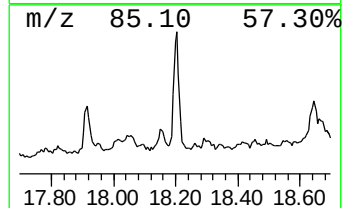
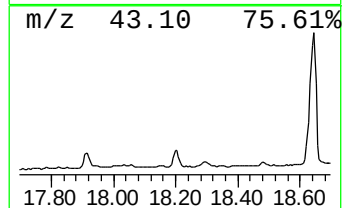
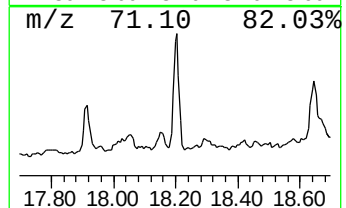
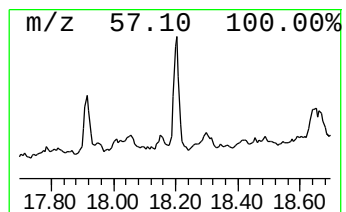
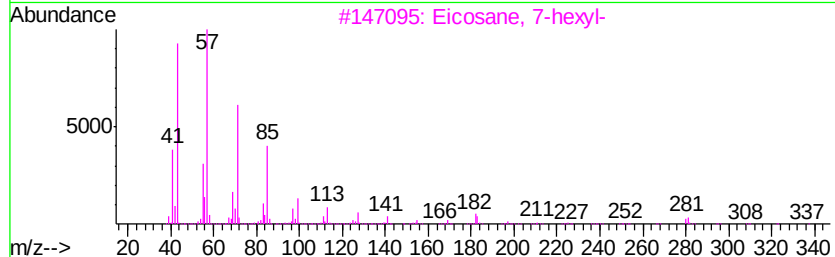
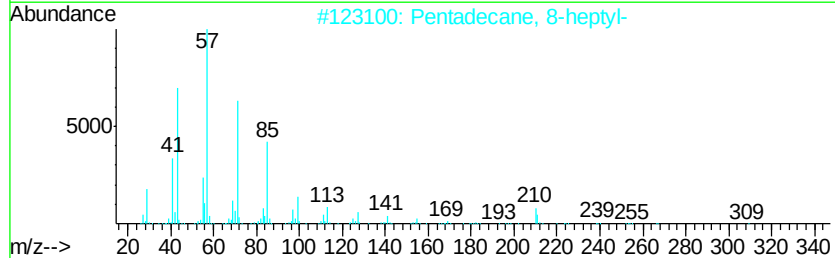
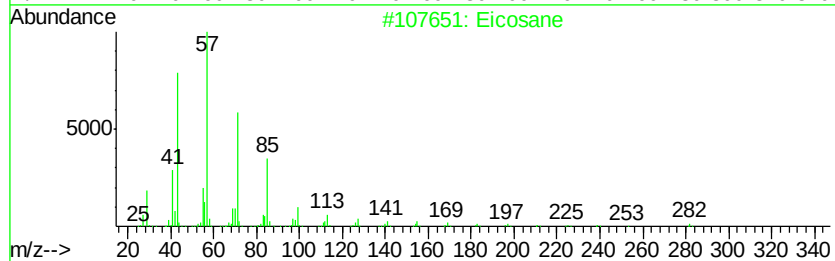
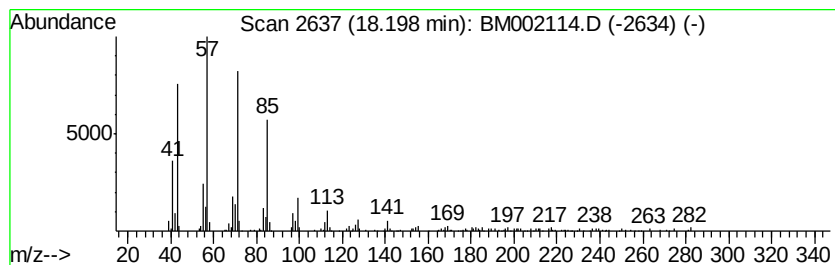
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.64 ng/ul	196900	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Docosane	310	C22H46	000629-97-0	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
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Acq On : 29 Jul 2015 04:04
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Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

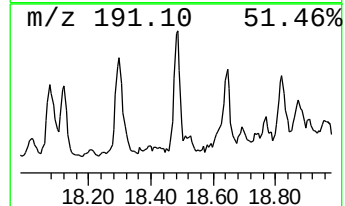
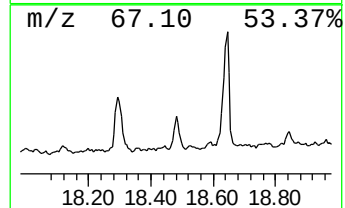
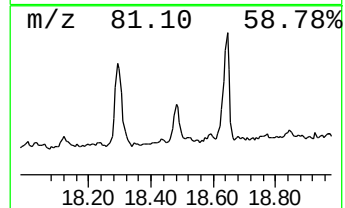
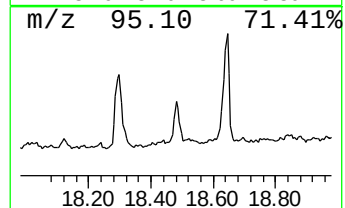
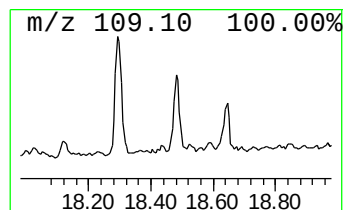
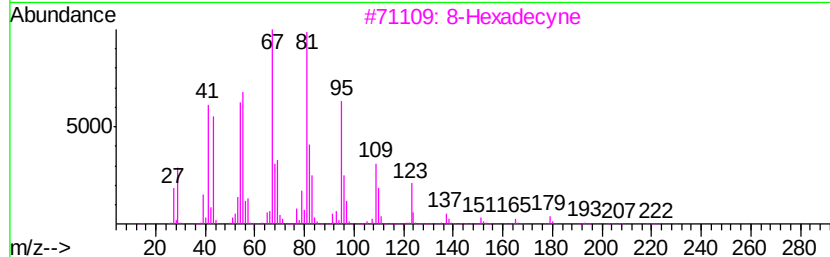
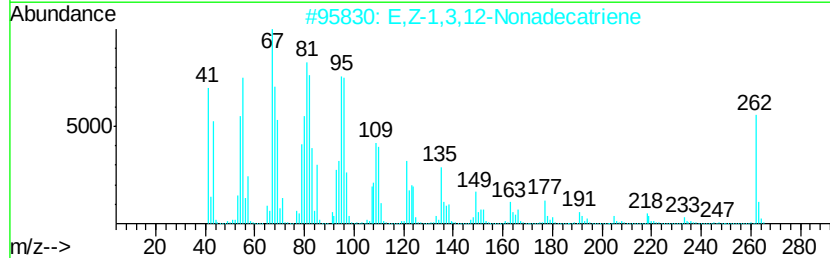
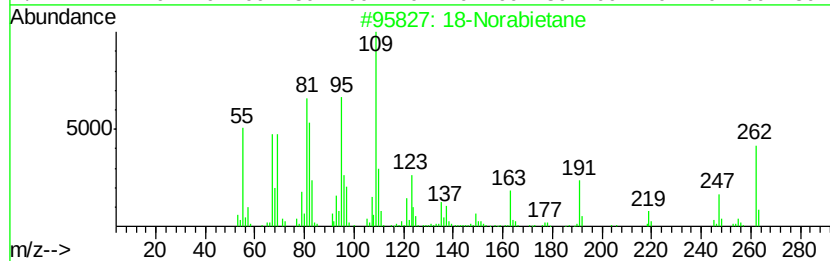
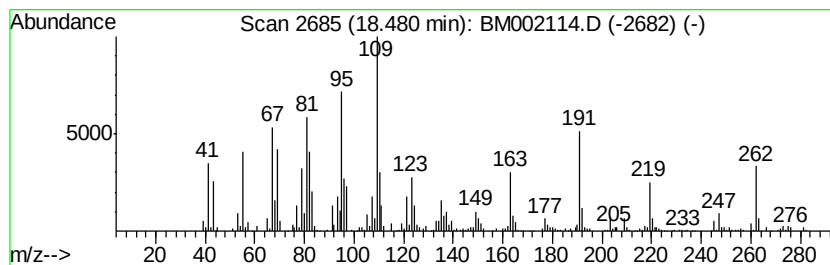
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 18-Norabietane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.48	7.38 ng/ul	313437	Phenanthrene-d10		17.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			18-Norabietane	262	C19H34	1000293-16-6	81
2			E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	42
3			8-Hexadecyne	222	C16H30	019781-86-3	38
4			7-Hexadecyne	222	C16H30	074685-28-2	27
5			(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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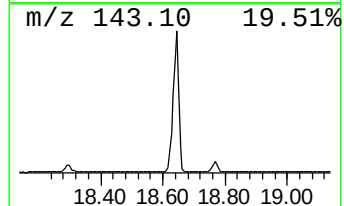
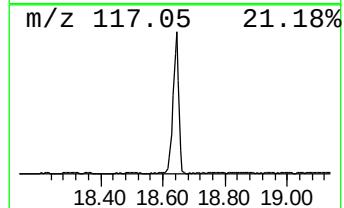
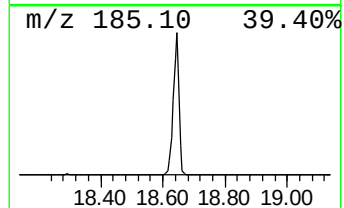
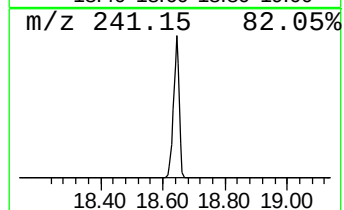
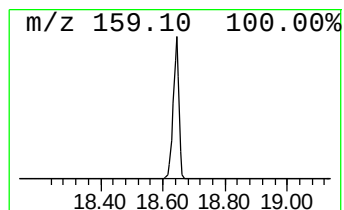
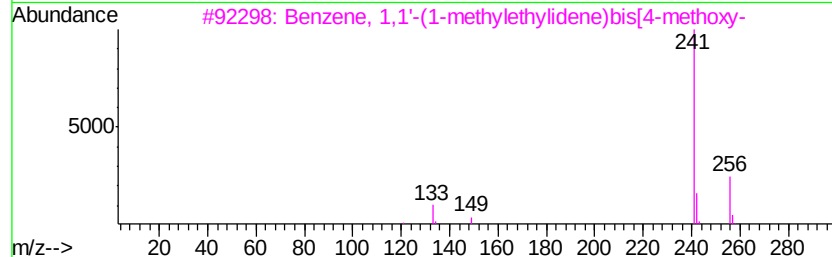
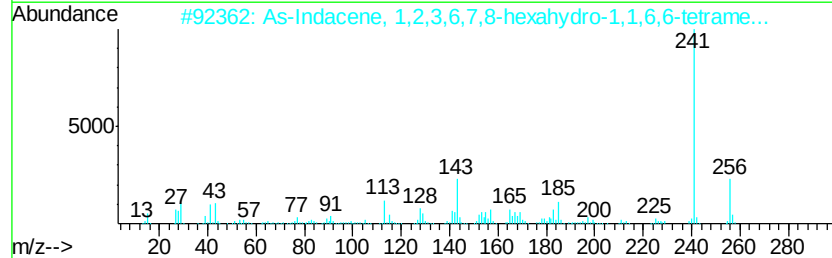
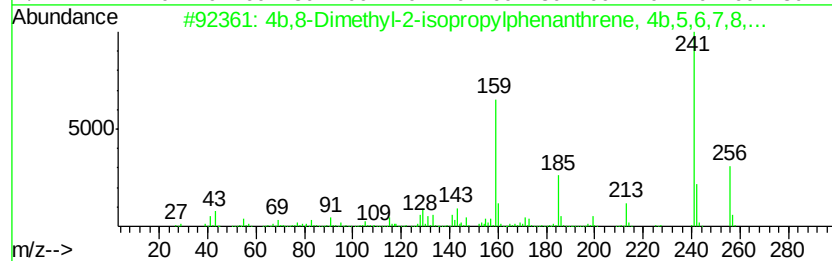
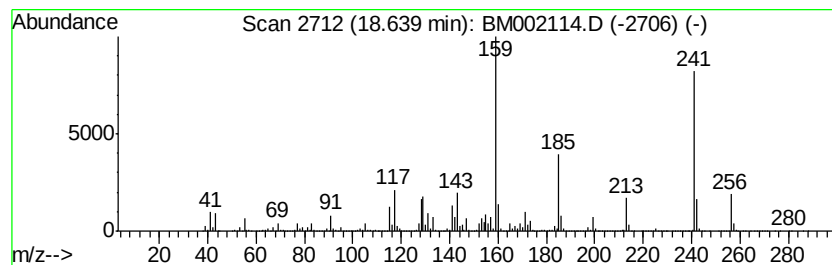
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	330.34 ng/ul	14031900	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2		As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
3		Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	30
4		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25
5		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
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Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

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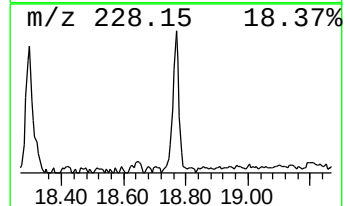
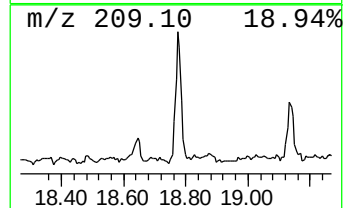
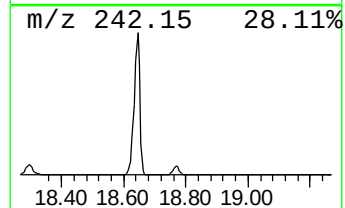
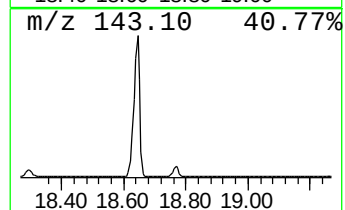
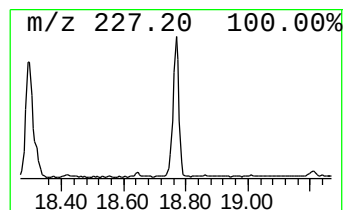
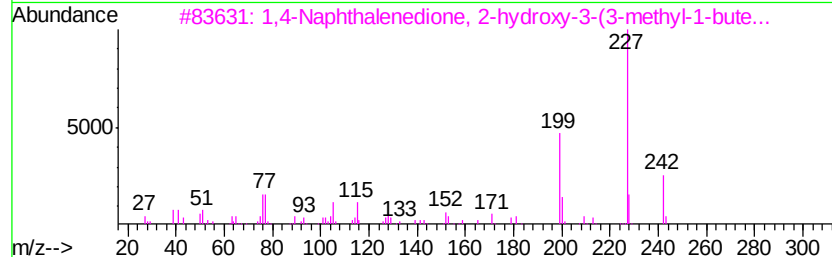
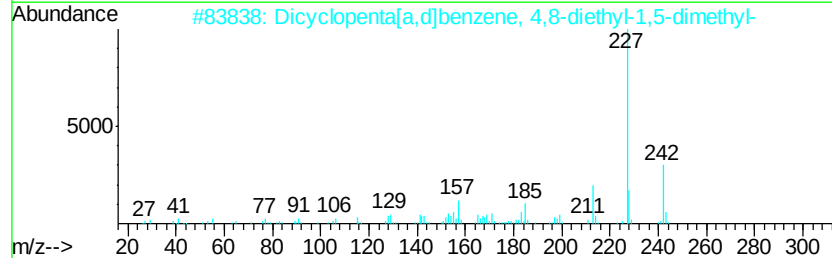
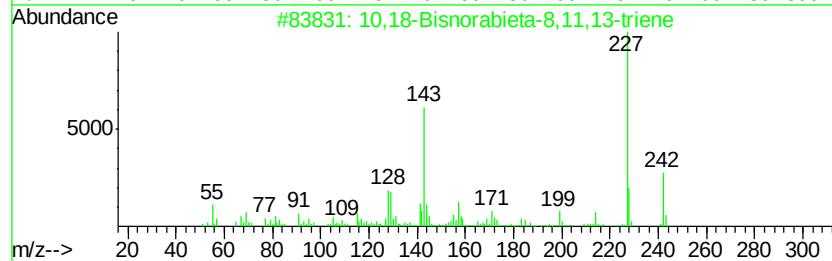
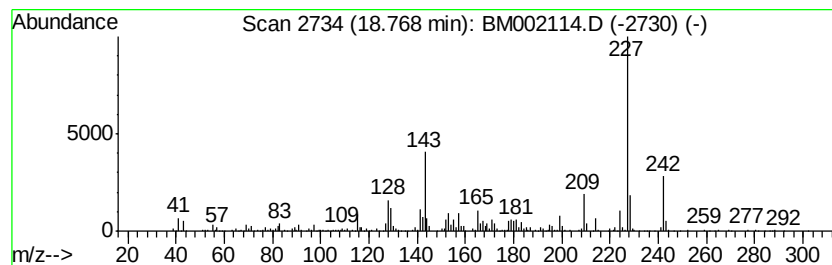
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 10,18-Bisnorabieta-8,11,13-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	9.62 ng/ul	408573	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	90
2			Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	55
3			1,4-Naphthalenedione, 2-hydroxyv-...	242	C15H14O3	004042-39-1	55
4			s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	55
5			1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H0

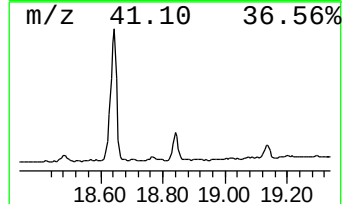
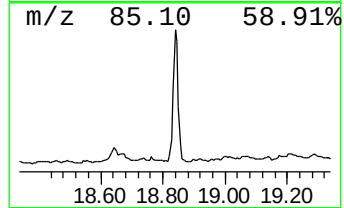
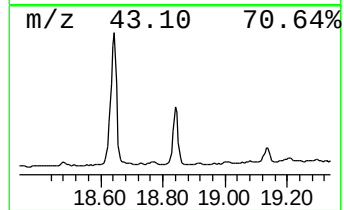
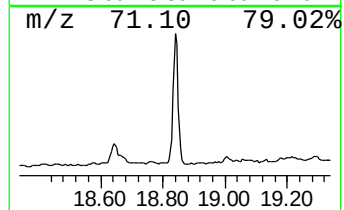
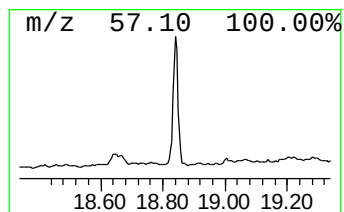
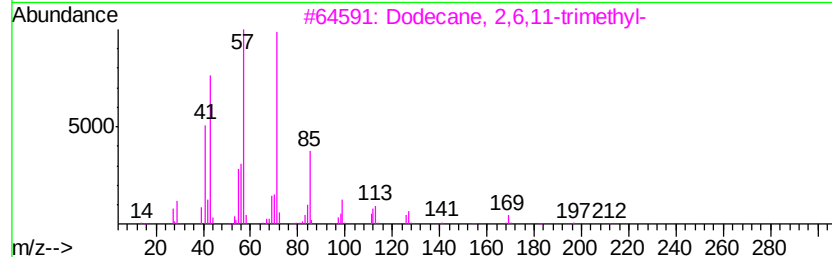
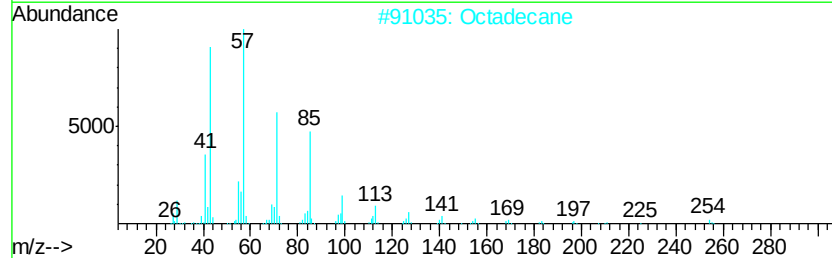
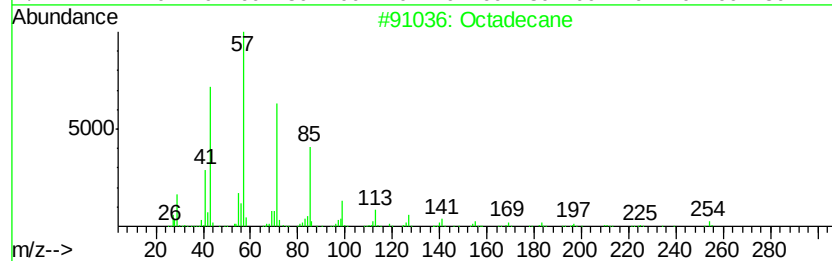
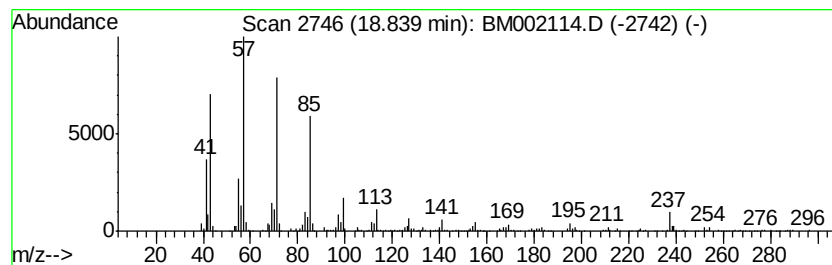
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	20.00 ng/ul	849689	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Octadecane	254	C18H38	000593-45-3	95
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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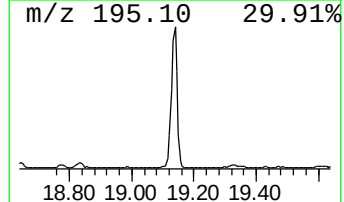
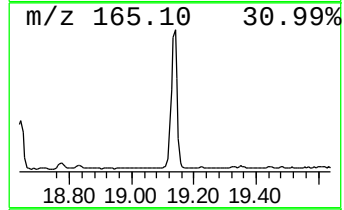
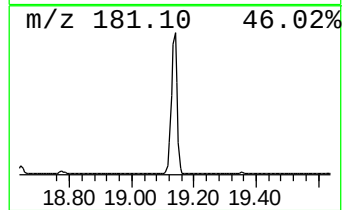
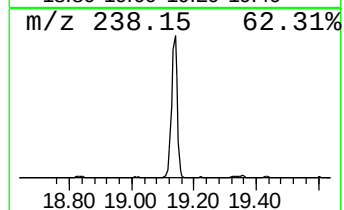
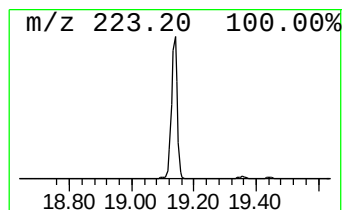
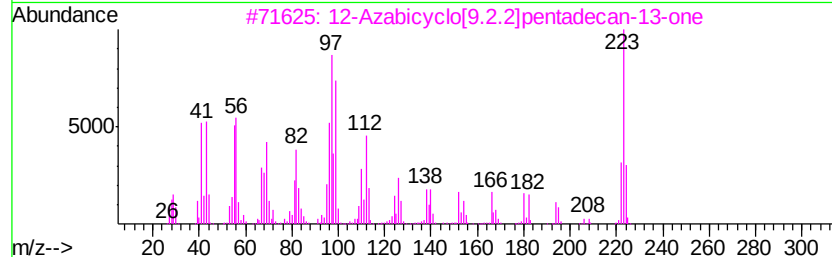
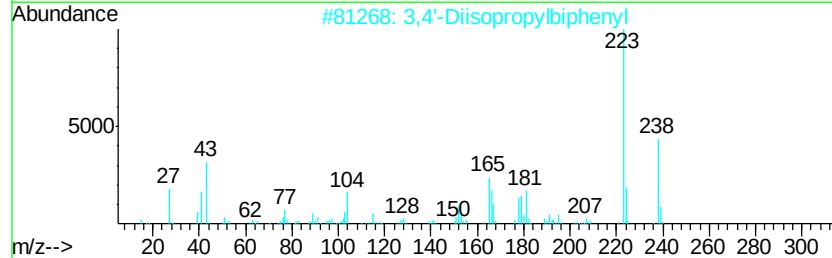
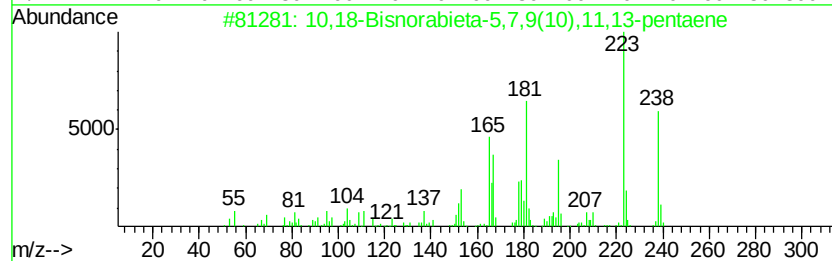
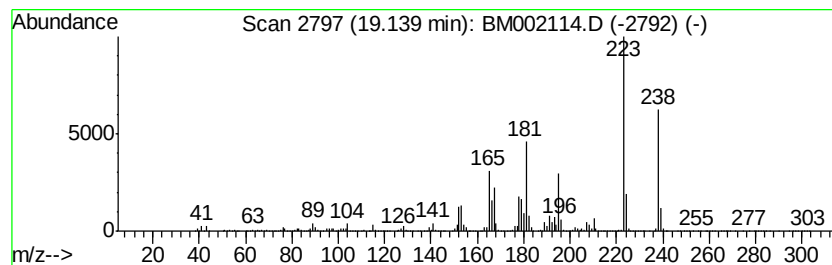
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	61.71 ng/ul	3987600	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5		3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampled :
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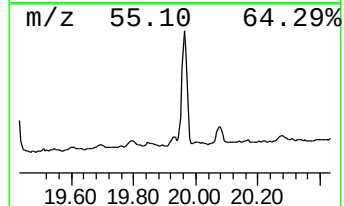
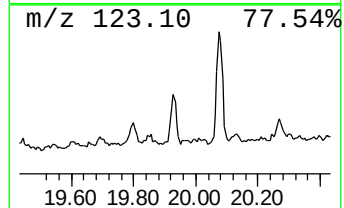
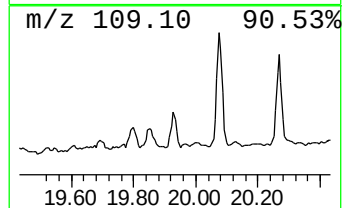
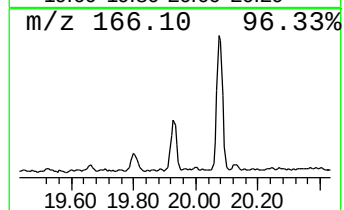
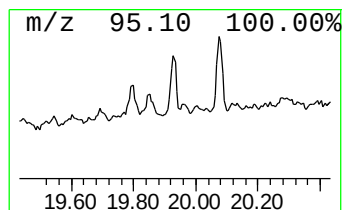
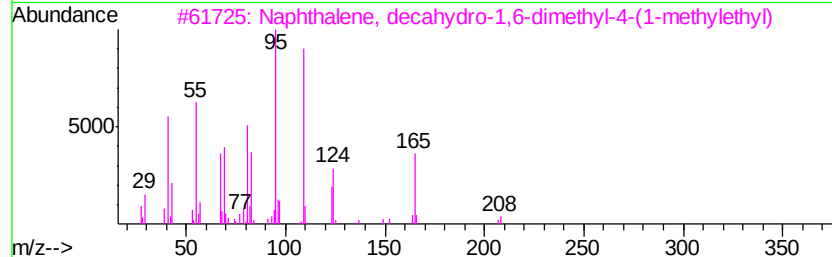
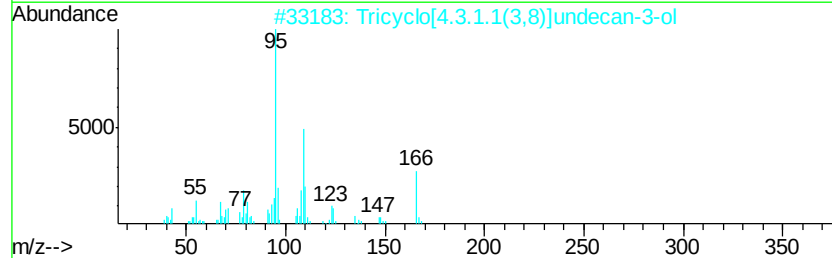
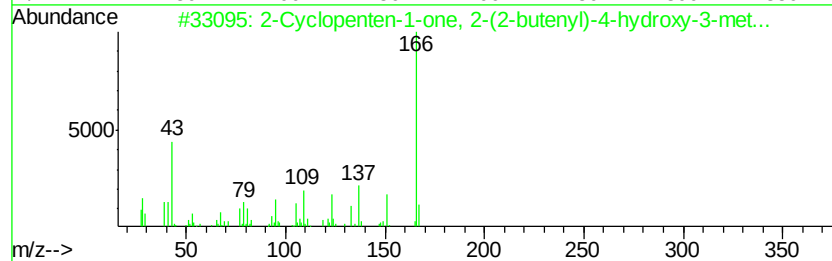
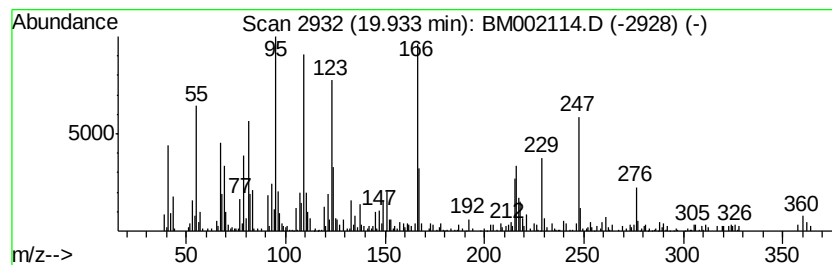
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2-Cyclopenten-1-one, 2-(2-b... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.24 ng/ul	274202	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 2-(2-butenyl)-4-hydroxy-3-methyl-	166	C10H14O2	017190-74-8	60
2		Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	52
3		Naphthalene, decahydro-1,6-dimethyl-4-(1-methylethyl)-	208	C15H28	034315-85-0	46
4		3-Cyclohexene-1-carboxaldehyde, 3-methyl-	152	C10H16O	040702-26-9	42
5		4-Methylimidazole-5-butyric acid	168	C8H12N2O2	1000129-14-7	11



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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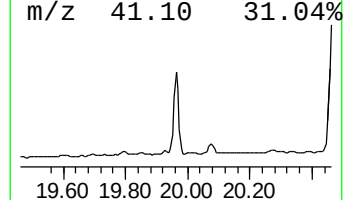
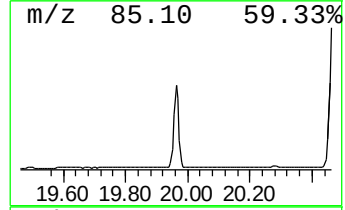
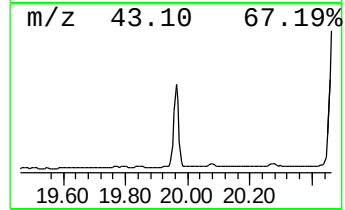
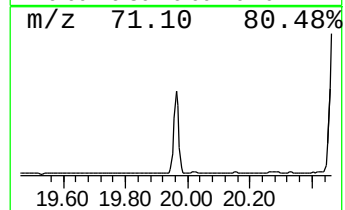
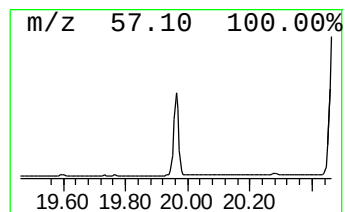
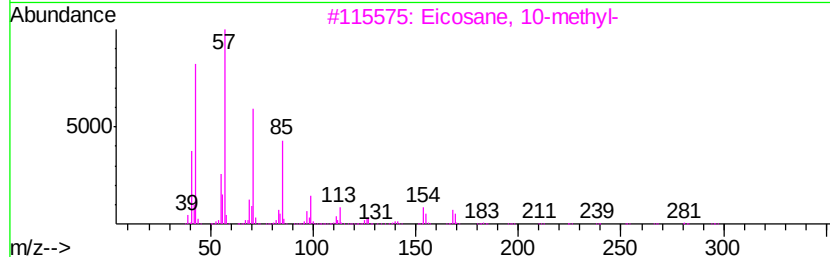
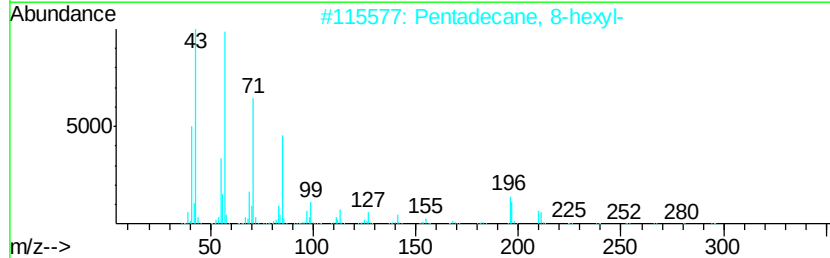
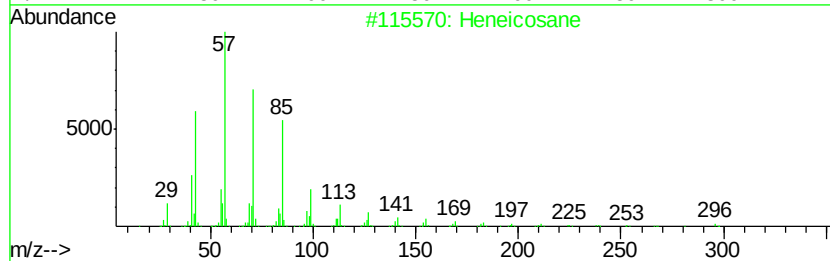
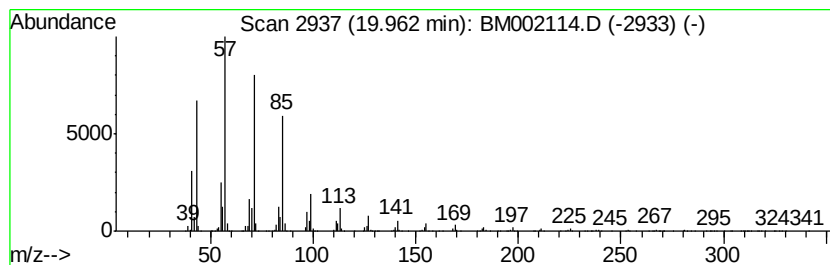
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	44.39 ng/ul	2868450	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
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Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

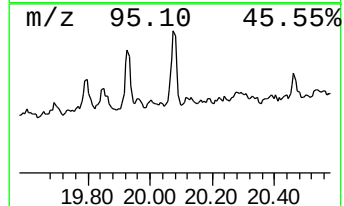
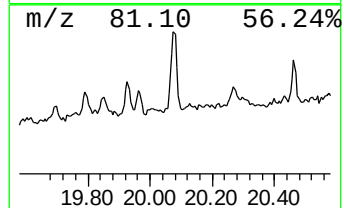
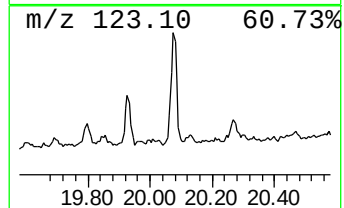
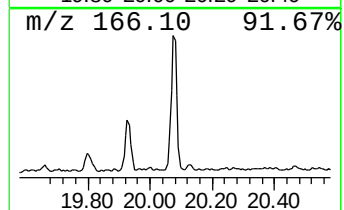
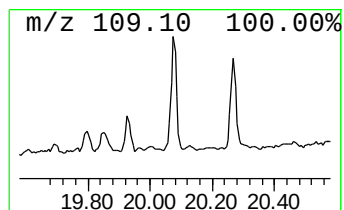
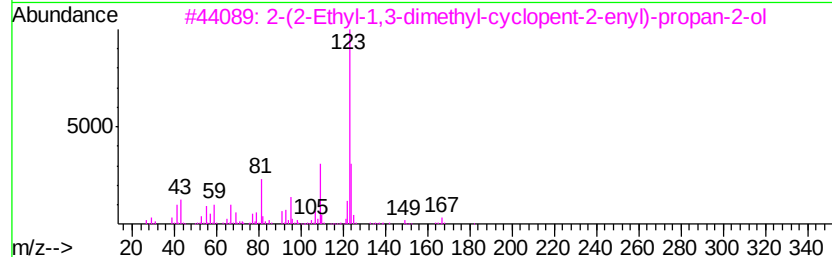
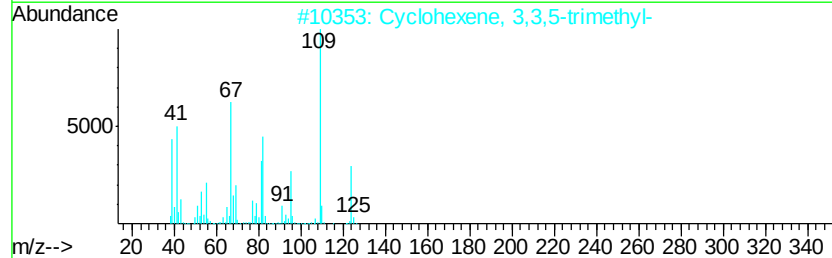
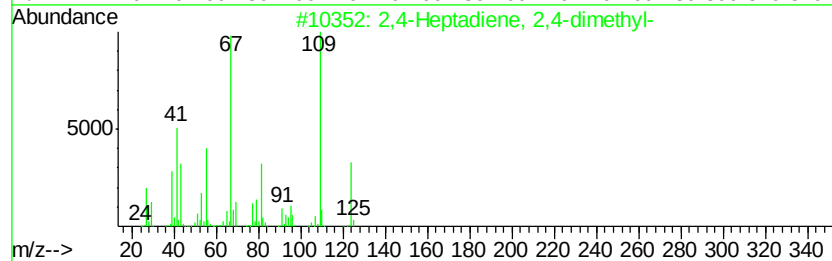
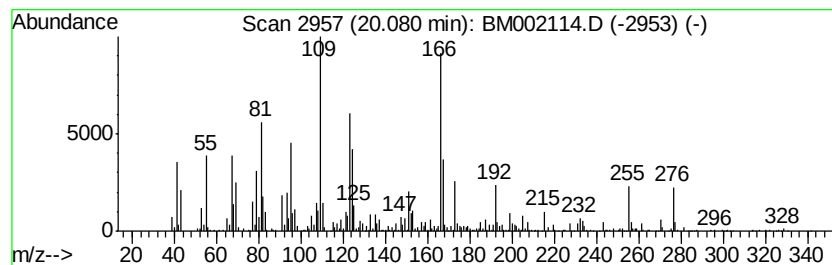
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	9.88 ng/ul	638225	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Heptadiene, 2,4-dimethyl-	124 C9H16	074421-05-9	25
2	Cyclohexene, 3,3,5-trimethyl-	124 C9H16	000503-45-7	22
3	2-(2-Ethyl-1,3-dimethyl-cyclopent...	182 C12H22O	1000186-82-4	20
4	Cyclopentanecarboxaldehyde, 2-me...	124 C8H12O	1000154-24-0	18
5	Benzaldehyde, 4-fluoro-	124 C7H5FO	000459-57-4	18



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H0

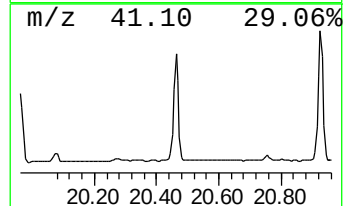
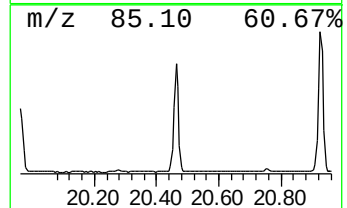
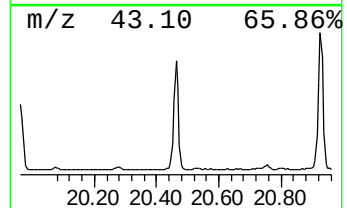
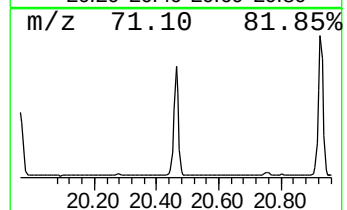
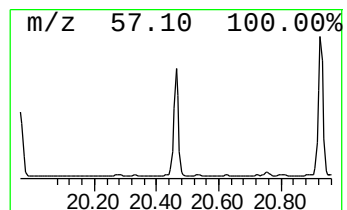
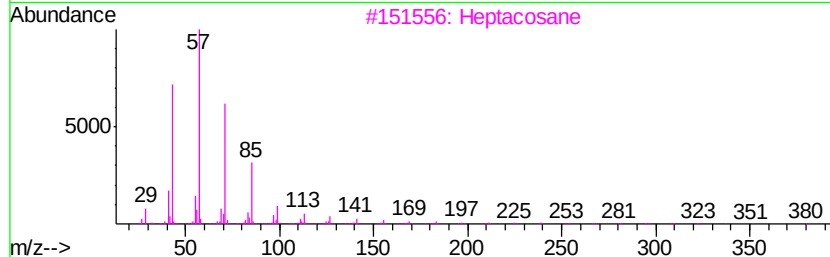
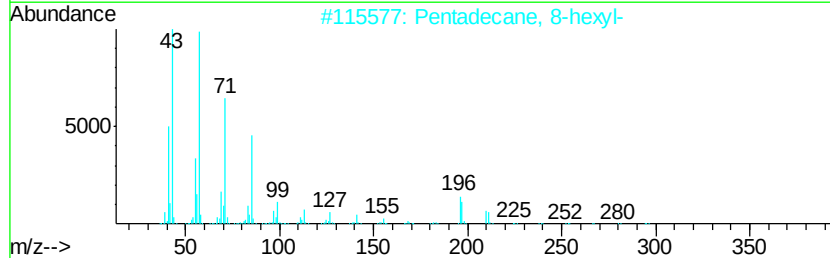
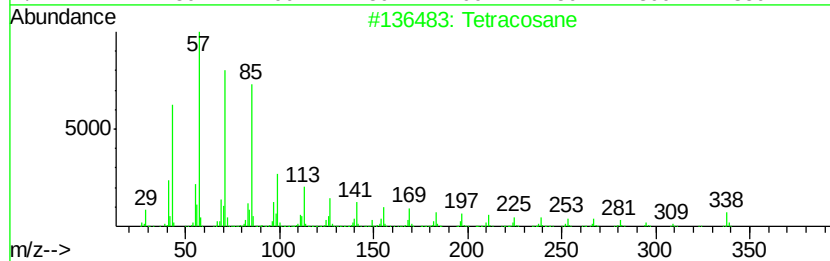
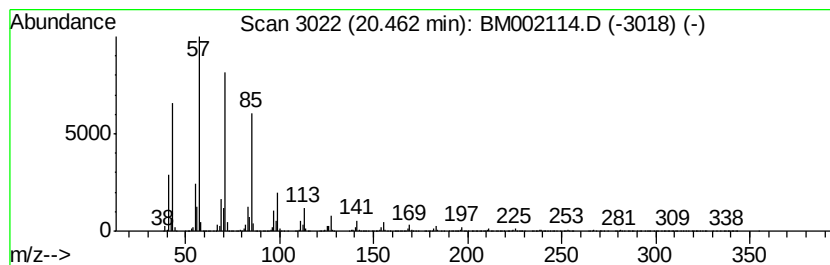
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	71.67 ng/ul	4631010	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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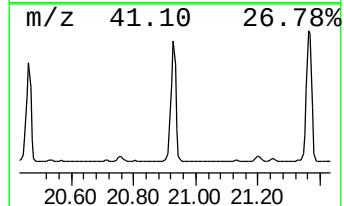
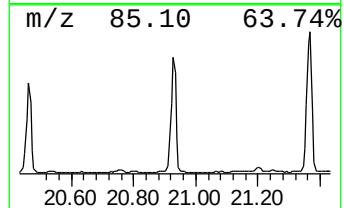
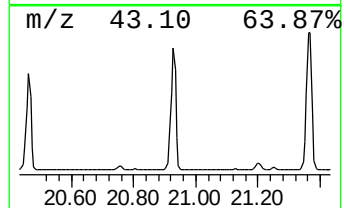
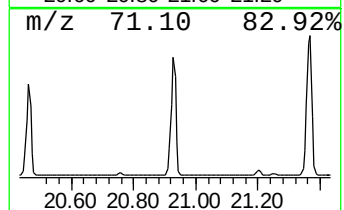
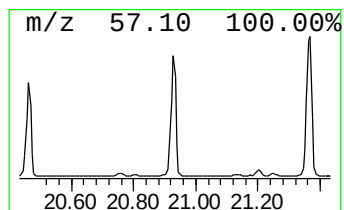
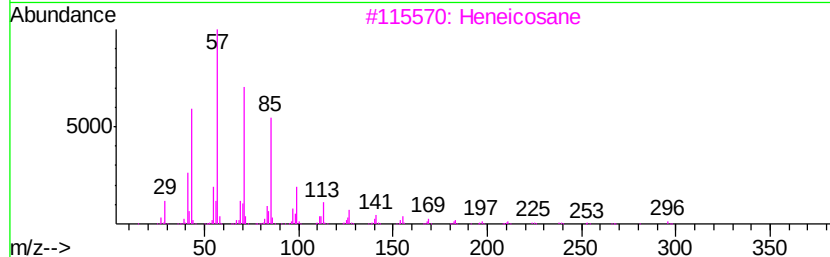
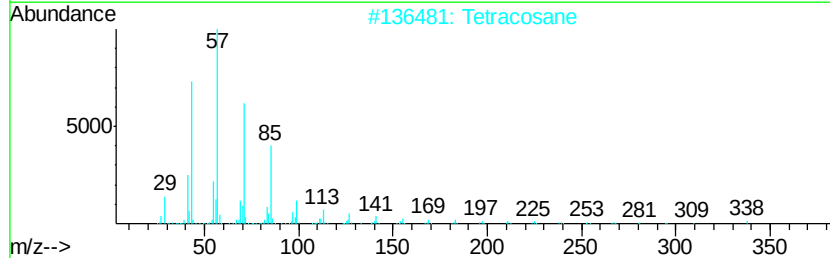
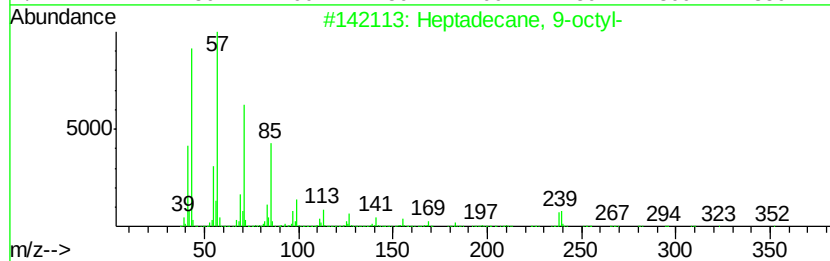
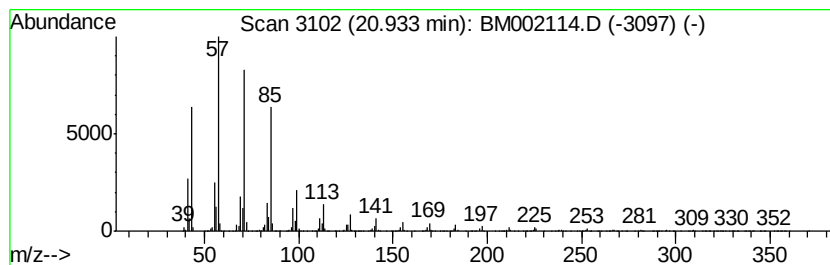
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	97.54 ng/ul	6302900	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Tetracosane	338	C24H50	000646-31-1	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H0

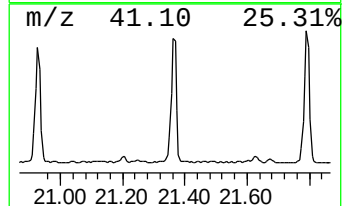
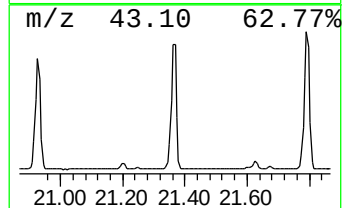
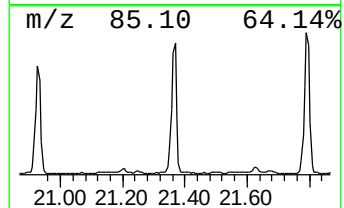
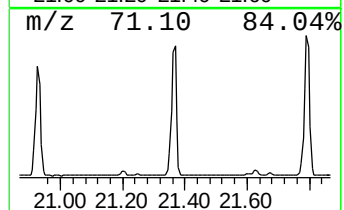
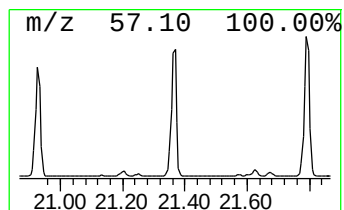
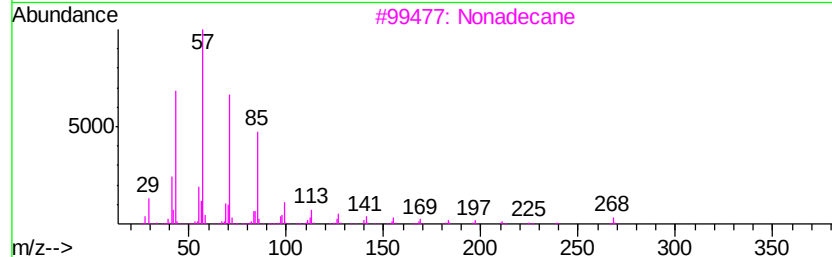
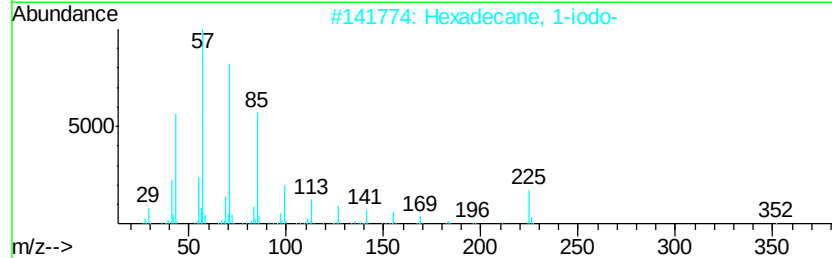
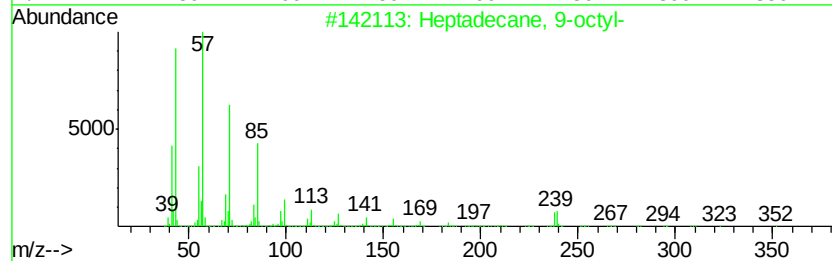
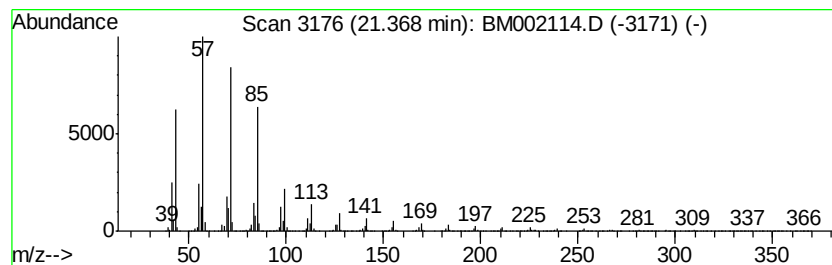
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Quant Title : SVOA CALIBRATION

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.
21.37	117.36 ng/ul	7583270	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	98
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3		Nonadecane	268	C19H40	000629-92-5	94
4		Pentacosane	352	C25H52	000629-99-2	93
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H0

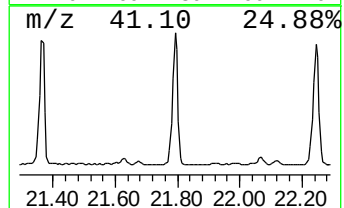
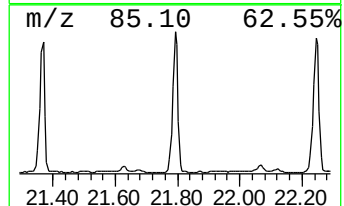
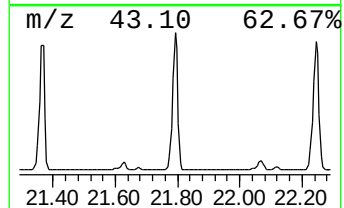
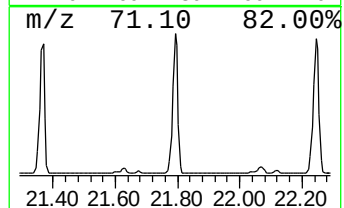
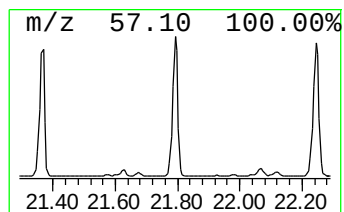
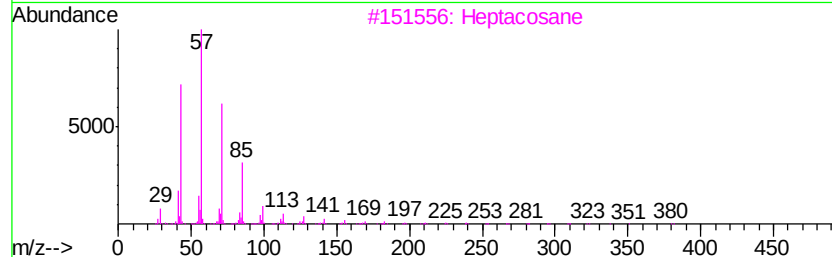
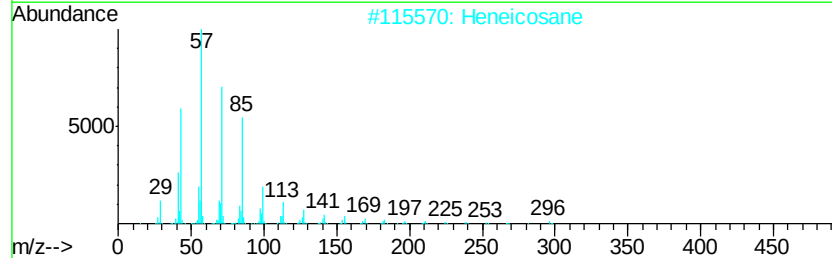
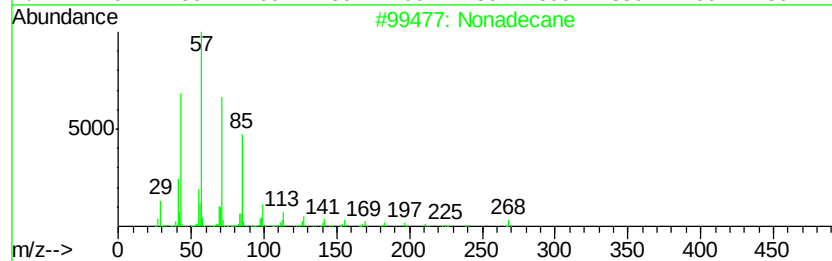
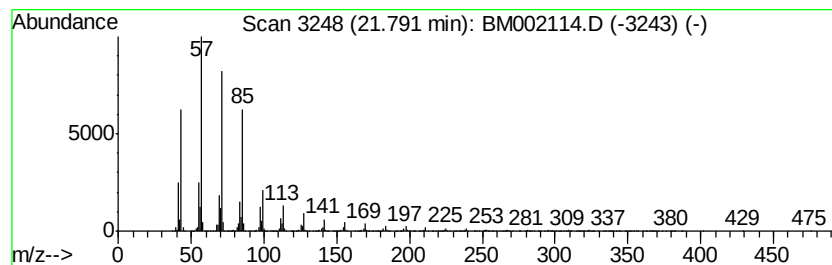
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	135.38 ng/ul	8747630	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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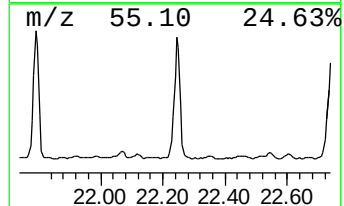
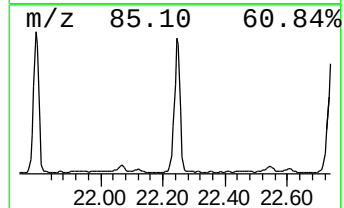
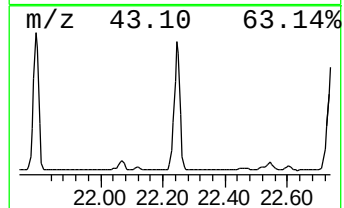
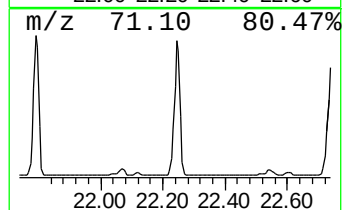
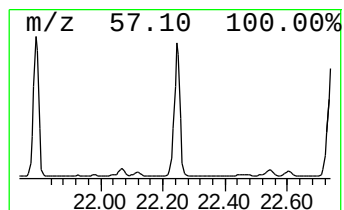
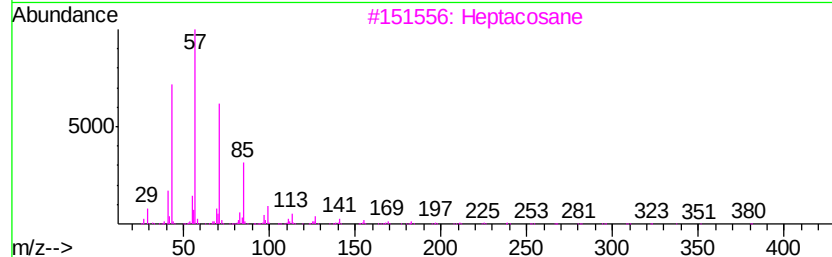
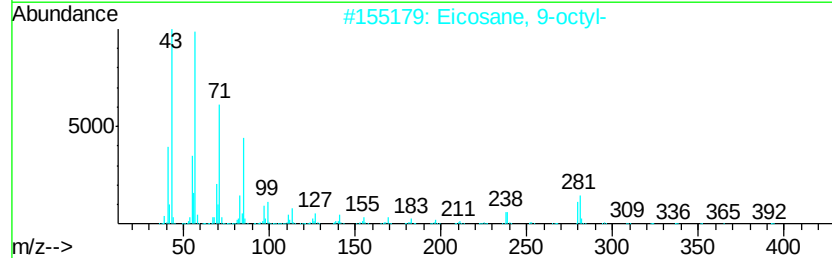
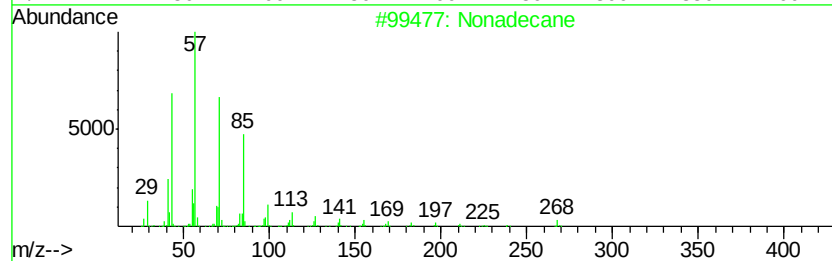
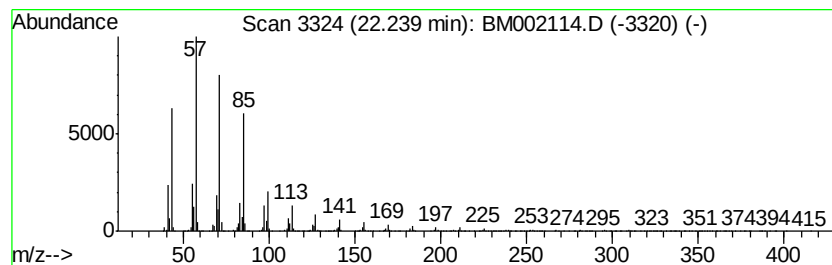
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	144.10 ng/ul	9311230	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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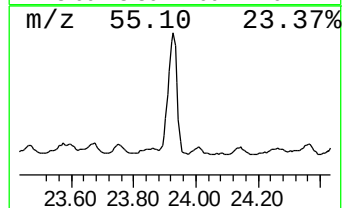
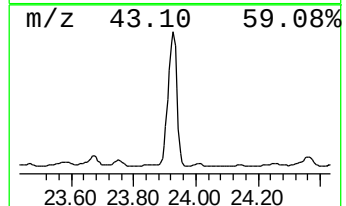
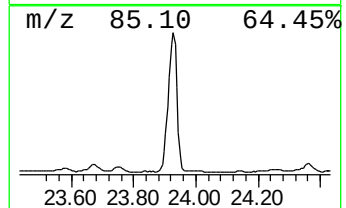
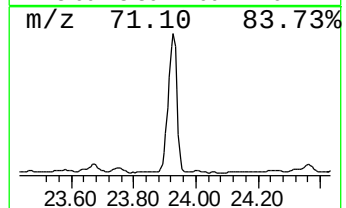
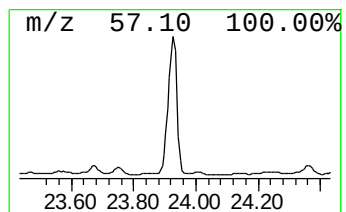
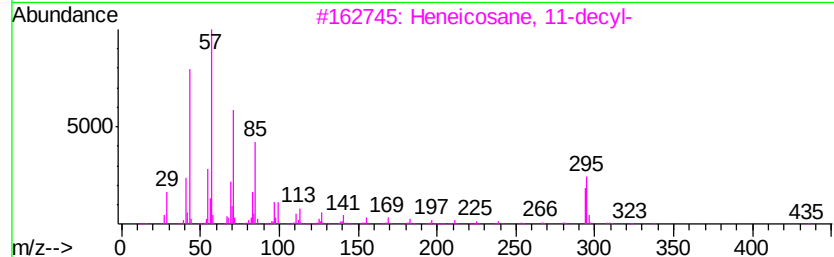
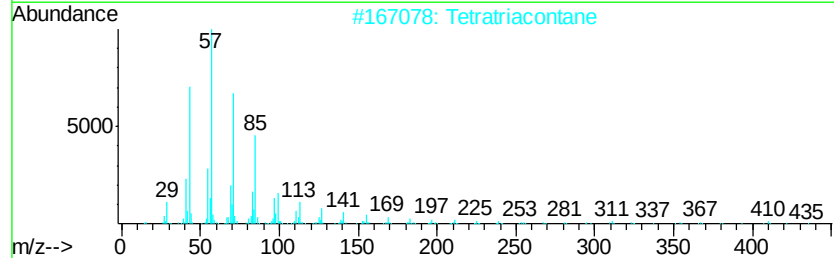
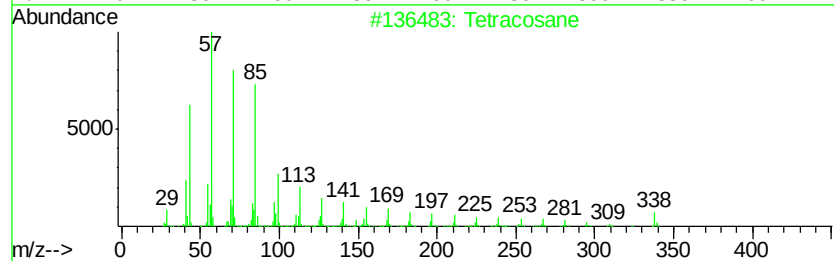
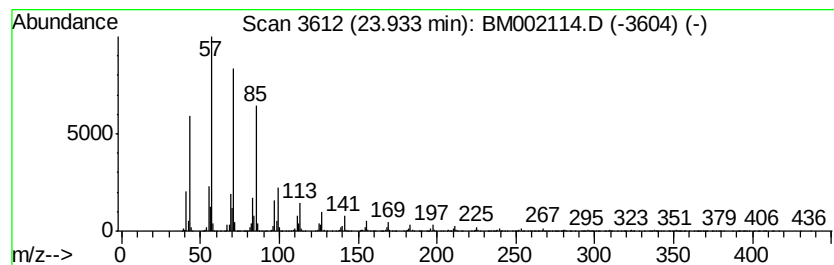
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	214.46 ng/ul	7949440	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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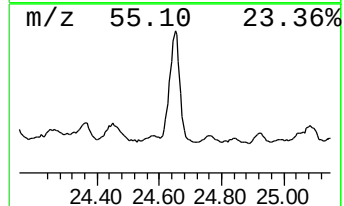
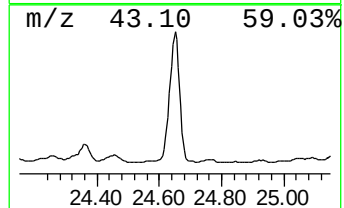
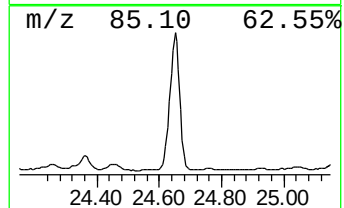
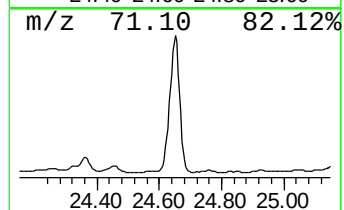
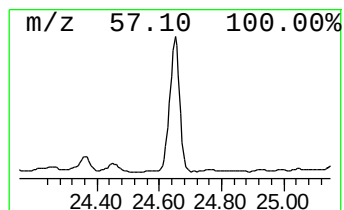
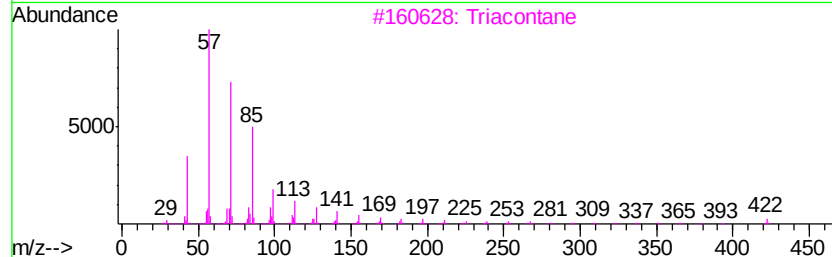
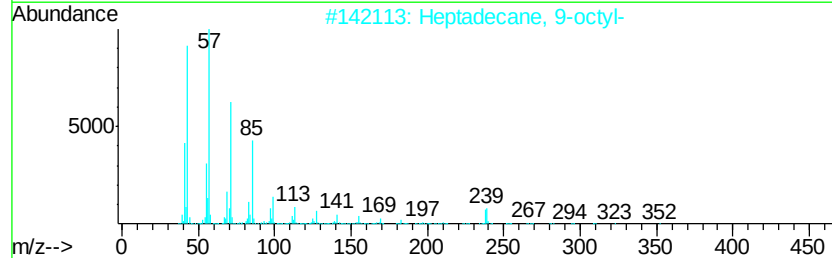
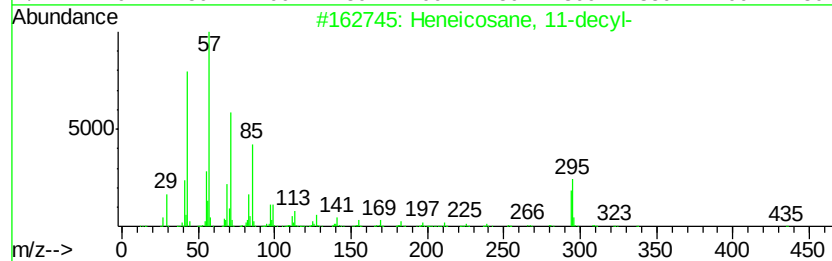
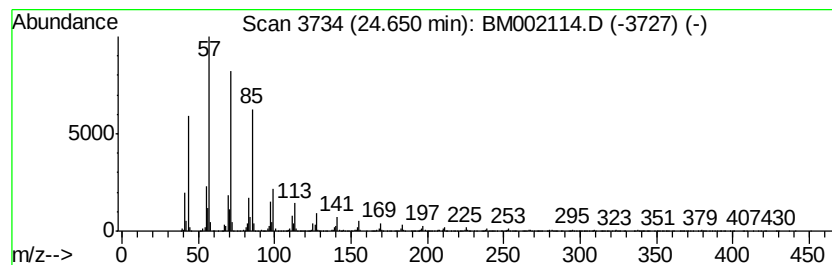
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	139.52 ng/ul	5171680	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		triacontane	422	C30H62	000638-68-6	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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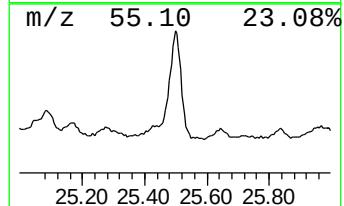
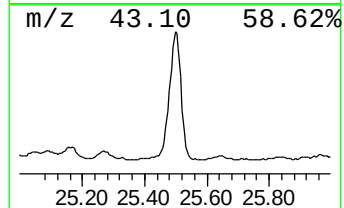
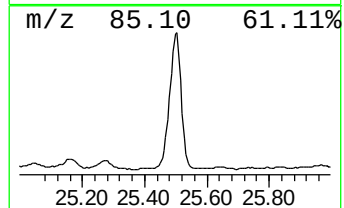
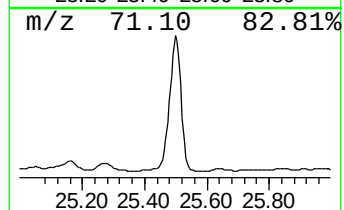
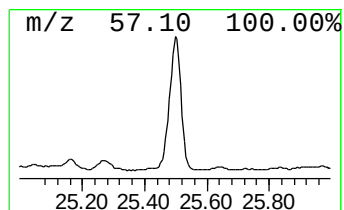
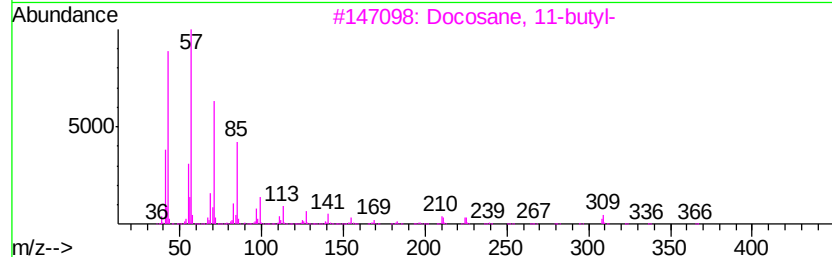
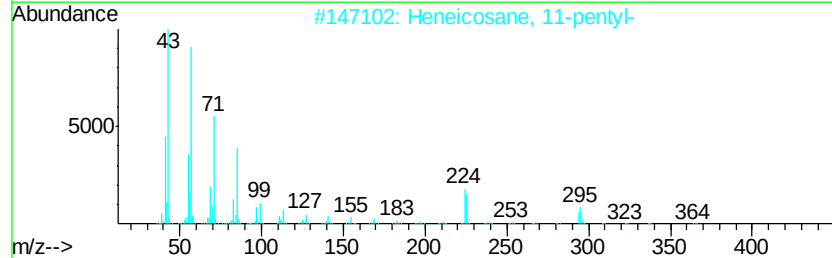
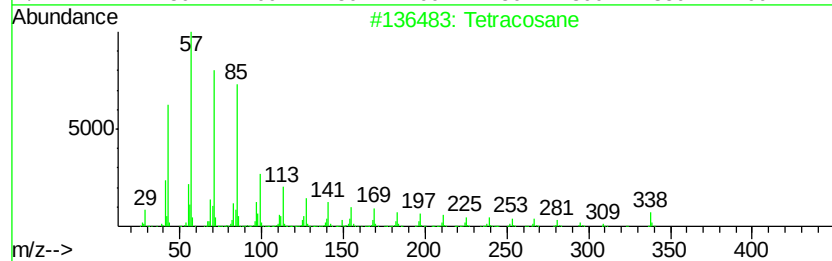
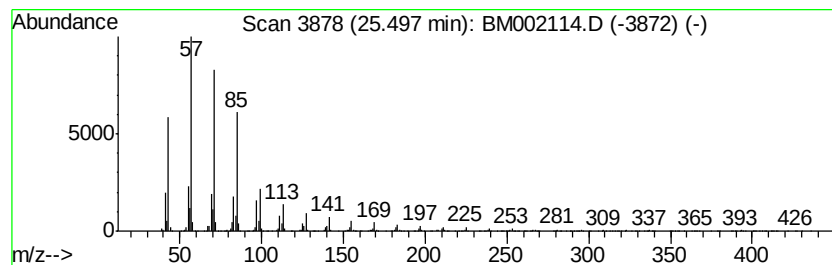
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Quant Title : SVOA CALIBRATION

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.
25.50	112.28 ng/ul	4162070	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002114.D
Acq On : 29 Jul 2015 04:04
Operator : TP/UM
Sample : G3048-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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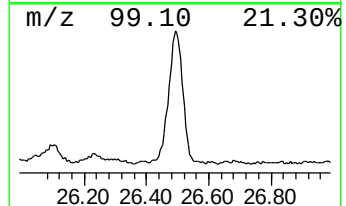
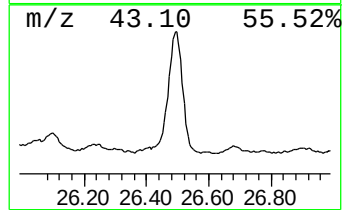
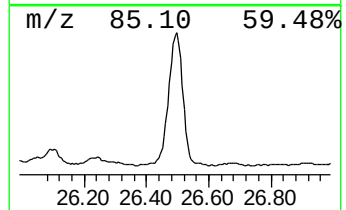
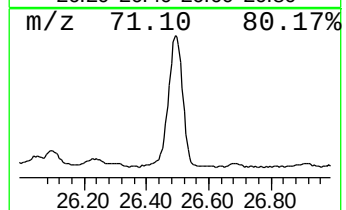
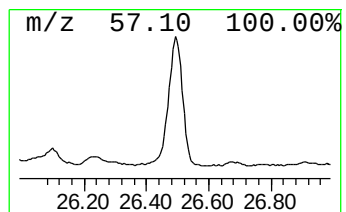
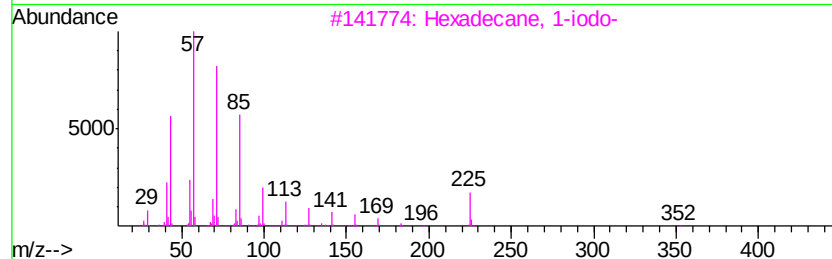
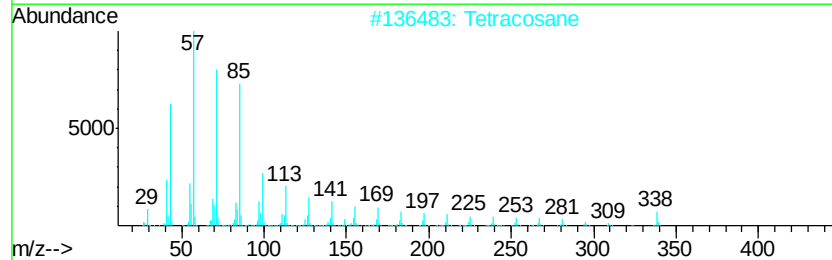
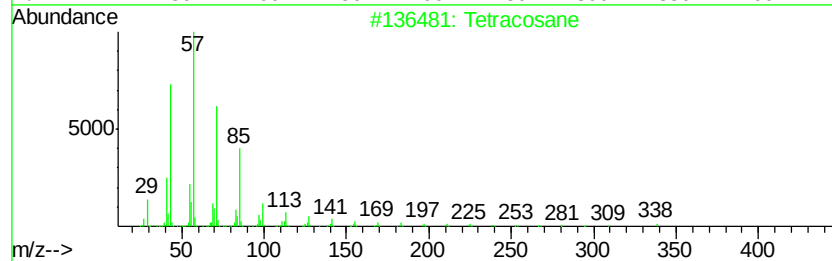
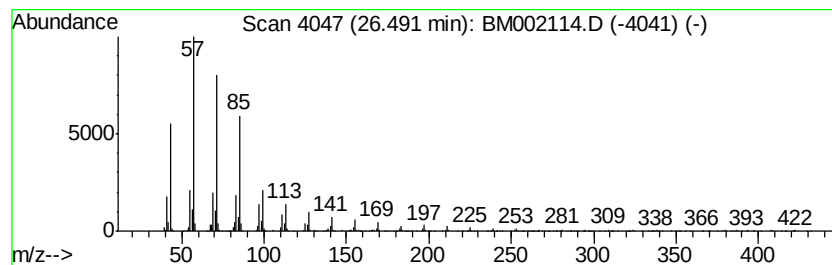
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.49	73.98 ng/ul	2742120	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Tetracosane	338	C24H50	000646-31-1	94
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4		triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002114.D
 Acq On : 29 Jul 2015 04:04
 Operator : TP/UM
 Sample : G3048-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
unknown-01	8.11	2.1	ng/ul	32521	1	7.60	315508	20.0
(DEL) Alkane: Str...	15.52	3.5	ng/ul	117457	3	14.26	662747	20.0
(DEL) Alkane: Str...	16.00	9.7	ng/ul	413857	4	17.02	849536	20.0
(DEL) Alkane: Str...	16.82	4.3	ng/ul	183178	4	17.02	849536	20.0
(DEL) Alkane: Str...	17.51	2.1	ng/ul	91147	4	17.02	849536	20.0
n-Hexadecanoic acid	17.92	10.4	ng/ul	443605	4	17.02	849536	20.0
(DEL) Alkane: Str...	18.20	4.6	ng/ul	196900	4	17.02	849536	20.0
unknown-02	18.30	26.3	ng/ul	1117150	4	17.02	849536	20.0
18-Norabietane	18.48	7.4	ng/ul	313437	4	17.02	849536	20.0
4b,8-Dimethyl-2-i...	18.64	330.3	ng/ul	14031900	4	17.02	849536	20.0
10,18-Bisnorabiet...	18.77	9.6	ng/ul	408573	4	17.02	849536	20.0
(DEL) Alkane: Str...	18.84	20.0	ng/ul	849689	4	17.02	849536	20.0
10,18-Bisnorabiet...	19.14	61.7	ng/ul	3987600	5	21.22	1292320	20.0
2-Cyclopenten-1-o...	19.93	4.2	ng/ul	274202	5	21.22	1292320	20.0
(DEL) Alkane: Str...	19.96	44.4	ng/ul	2868450	5	21.22	1292320	20.0
unknown-03	20.08	9.9	ng/ul	638225	5	21.22	1292320	20.0
(DEL) Alkane: Str...	20.46	71.7	ng/ul	4631010	5	21.22	1292320	20.0
(DEL) Alkane: Str...	20.93	97.5	ng/ul	6302900	5	21.22	1292320	20.0
(DEL) Alkane: Str...	21.37	117.4	ng/ul	7583270	5	21.22	1292320	20.0
(DEL) Alkane: Str...	21.79	135.4	ng/ul	8747630	5	21.22	1292320	20.0
(DEL) Alkane: Str...	22.24	144.1	ng/ul	9311230	5	21.22	1292320	20.0
(DEL) Alkane: Str...	23.93	214.5	ng/ul	7949440	6	23.43	741360	20.0
(DEL) Alkane: Str...	24.65	139.5	ng/ul	5171680	6	23.43	741360	20.0
(DEL) Alkane: Str...	25.50	112.3	ng/ul	4162070	6	23.43	741360	20.0
(DEL) Alkane: Str...	26.49	74.0	ng/ul	2742120	6	23.43	741360	20.0