

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026880.D
 Acq On : 6 May 2017 13:29
 Operator : SJ/MA
 Sample : I2842-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC35

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.428	53	58	68	rBV	27515	46873	1.60%	0.102%
2	5.109	339	344	349	rBV6	4477	8829	0.30%	0.019%
3	7.183	690	697	715	rBV	464115	953003	32.61%	2.082%
4	7.330	716	722	735	rVV	433041	713341	24.41%	1.559%
5	7.547	750	759	772	rBV	514556	921727	31.54%	2.014%
6	8.011	828	838	851	rBV	576346	1001293	34.26%	2.188%
7	8.722	949	959	989	rVV	601443	1218230	41.68%	2.662%
8	9.163	1024	1034	1048	rBV	456812	863871	29.56%	1.888%
9	9.333	1057	1063	1078	rVV	8539	31628	1.08%	0.069%
10	9.586	1100	1106	1112	rVB2	15499	22855	0.78%	0.050%
11	9.891	1148	1158	1169	rBV	379743	710411	24.31%	1.552%
12	10.438	1242	1251	1277	rVV	579893	1183659	40.50%	2.586%
13	10.808	1306	1314	1326	rVV	952110	1688082	57.76%	3.688%
14	10.943	1329	1337	1361	rVV2	330888	685500	23.45%	1.498%
15	12.288	1561	1566	1572	rVB6	5412	9126	0.31%	0.020%
16	12.388	1578	1583	1591	rVB2	10181	18696	0.64%	0.041%
17	13.229	1722	1726	1734	rVB4	8473	14043	0.48%	0.031%
18	13.440	1754	1762	1767	rBV4	13925	23757	0.81%	0.052%
19	13.516	1771	1775	1781	rBV6	6317	10447	0.36%	0.023%
20	13.575	1781	1785	1798	rVB8	6105	17341	0.59%	0.038%
21	14.022	1854	1861	1865	rBV	1123457	1668566	57.09%	3.646%
22	14.063	1865	1868	1877	rVV	448235	658178	22.52%	1.438%
23	14.139	1877	1881	1886	rVB7	6144	10985	0.38%	0.024%
24	14.316	1902	1911	1922	rBV	1396605	2220746	75.98%	4.852%
25	14.504	1939	1943	1950	rBV	35508	49729	1.70%	0.109%
26	14.621	1953	1963	1975	rBV2	1275392	2152730	73.66%	4.704%
27	14.844	1994	2001	2025	rBV	203223	648931	22.20%	1.418%
28	15.003	2025	2028	2032	rVB6	5784	9118	0.31%	0.020%
29	15.115	2044	2047	2056	rVB6	11831	22227	0.76%	0.049%
30	15.191	2056	2060	2064	rVB4	7619	10549	0.36%	0.023%
31	15.408	2091	2097	2101	rBV3	11291	22106	0.76%	0.048%
32	15.455	2101	2105	2109	rVB	59127	73585	2.52%	0.161%
33	15.608	2123	2131	2146	rVV	1699388	2606389	89.18%	5.695%
34	15.731	2146	2152	2166	rVV	340823	540512	18.49%	1.181%

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35	15.849	2166	2172	2178	rVV5	35867	69674	2.38%	0.152%
36	15.955	2186	2190	2194	rVB6	10902	16693	0.57%	0.036%
37	16.008	2194	2199	2205	rVB7	16946	27951	0.96%	0.061%
38	16.072	2205	2210	2213	rBV3	13165	17375	0.59%	0.038%
39	16.231	2233	2237	2246	rBV7	18642	44890	1.54%	0.098%
40	16.313	2246	2251	2259	rVV	68970	113814	3.89%	0.249%
41	16.548	2284	2291	2292	rBV7	6206	8238	0.28%	0.018%
42	16.660	2304	2310	2312	rBV6	11664	18259	0.62%	0.040%
43	16.766	2323	2328	2334	rBV10	10509	20217	0.69%	0.044%
44	16.824	2334	2338	2344	rVV8	7567	13416	0.46%	0.029%
45	16.877	2344	2347	2352	rVB5	7601	10689	0.37%	0.023%
46	16.954	2355	2360	2367	rVB	30457	43387	1.48%	0.095%
47	17.100	2379	2385	2389	rBV	54215	69163	2.37%	0.151%
48	17.147	2389	2393	2405	rVB9	18065	39324	1.35%	0.086%
49	17.259	2405	2412	2417	rBV9	15343	37151	1.27%	0.081%
50	17.353	2417	2428	2439	rBV2	1450526	2249545	76.97%	4.915%
51	17.453	2439	2445	2454	rVB2	1673747	2521653	86.28%	5.510%
52	17.559	2460	2463	2473	rVB10	7696	19752	0.68%	0.043%
53	17.623	2473	2474	2481	rVB7	9034	11746	0.40%	0.026%
54	17.747	2491	2495	2506	rVB7	7790	17688	0.61%	0.039%
55	17.835	2506	2510	2516	rBV3	18763	25719	0.88%	0.056%
56	18.011	2534	2540	2544	rVB7	12564	18345	0.63%	0.040%
57	18.117	2551	2558	2565	rBV9	15632	37865	1.30%	0.083%
58	18.187	2565	2570	2573	rBV7	6896	14234	0.49%	0.031%
59	18.234	2573	2578	2587	rBV	304226	489747	16.76%	1.070%
60	18.428	2607	2611	2616	rVB7	10530	14877	0.51%	0.033%
61	18.528	2623	2628	2633	rBV8	14888	28250	0.97%	0.062%
62	18.769	2667	2669	2675	rVB7	7769	9969	0.34%	0.022%
63	19.110	2723	2727	2731	rVV7	20088	32888	1.13%	0.072%
64	19.151	2731	2734	2738	rVB5	13228	16039	0.55%	0.035%
65	19.292	2752	2758	2763	rBV10	9130	19972	0.68%	0.044%
66	19.404	2767	2777	2787	rBV2	118602	283811	9.71%	0.620%
67	19.504	2789	2794	2808	rBV	343389	591431	20.24%	1.292%
68	19.627	2811	2815	2826	rVB3	26347	55094	1.89%	0.120%
69	19.733	2826	2833	2847	rBV2	1907821	2922664	100.00%	6.386%
70	19.838	2847	2851	2853	rBV5	9402	13484	0.46%	0.029%
71	19.897	2859	2861	2867	rBV7	7409	17114	0.59%	0.037%

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72	20.073	2887	2891	2893	rBV5	6217	9512	0.33%	0.021%
73	20.256	2917	2922	2927	rBV	46176	65221	2.23%	0.143%
74	20.632	2983	2986	2992	rVB2	42324	57052	1.95%	0.125%
75	20.743	3000	3005	3013	rVB3	52428	75538	2.58%	0.165%
76	20.931	3033	3037	3042	rBV8	15421	25241	0.86%	0.055%
77	21.049	3054	3057	3066	rBV8	18441	37802	1.29%	0.083%
78	21.237	3084	3089	3095	rVB2	164013	223830	7.66%	0.489%
79	21.478	3125	3130	3143	rBV	127838	217089	7.43%	0.474%
80	21.601	3143	3151	3157	rBV	1423452	2312730	79.13%	5.053%
81	21.766	3168	3179	3193	rVB9	260023	1144100	39.15%	2.500%
82	21.877	3194	3198	3203	rVB	62830	93905	3.21%	0.205%
83	21.936	3204	3208	3211	rBV6	22232	37980	1.30%	0.083%
84	22.371	3276	3282	3288	rBV	317930	507817	17.38%	1.110%
85	23.041	3389	3396	3407	rVB2	102867	240352	8.22%	0.525%
86	23.387	3449	3455	3463	rBV10	54315	116943	4.00%	0.256%
87	23.763	3513	3519	3520	rBV3	41416	59806	2.05%	0.131%
88	23.828	3523	3530	3545	rVB	691959	1441214	49.31%	3.149%
89	24.022	3559	3563	3572	rVB	17269	41427	1.42%	0.091%
90	24.480	3635	3641	3642	rBV6	22804	39511	1.35%	0.086%
91	24.545	3643	3652	3671	rVB2	963415	2846110	97.38%	6.219%
92	24.762	3677	3689	3709	rBV2	897487	2729089	93.38%	5.963%
93	25.256	3765	3773	3787	rBV5	89496	242271	8.29%	0.529%
94	25.849	3863	3874	3885	rBV	352445	1037363	35.49%	2.267%
95	26.131	3920	3922	3923	rBV2	13373	12574	0.43%	0.027%
96	27.165	4089	4098	4109	rVB4	103845	352264	12.05%	0.770%
97	27.929	4220	4228	4242	rVB7	61712	230837	7.90%	0.504%
98	28.752	4356	4368	4382	rBV6	102022	427746	14.64%	0.935%
99	30.479	4655	4662	4664	rBV8	23914	43935	1.50%	0.096%
100	30.667	4681	4694	4707	rVB5	61834	298319	10.21%	0.652%

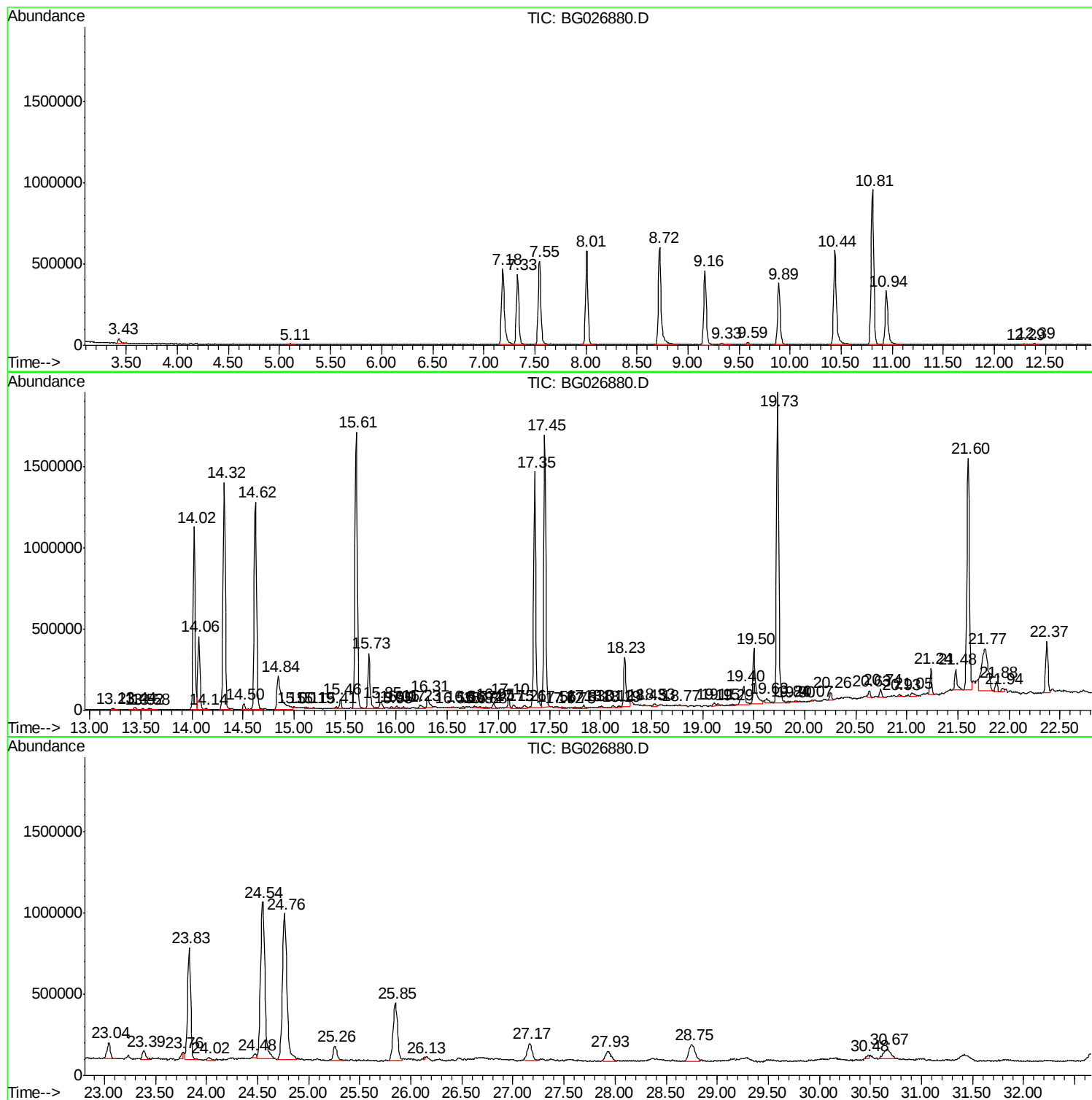
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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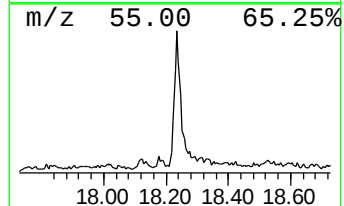
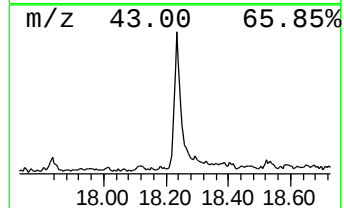
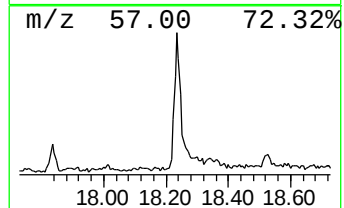
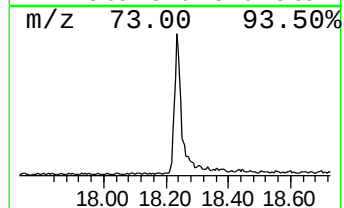
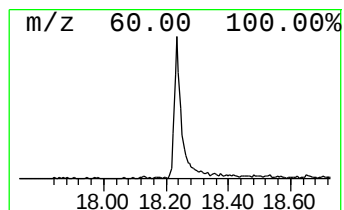
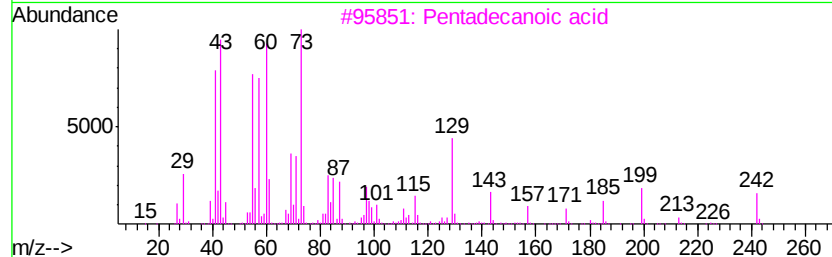
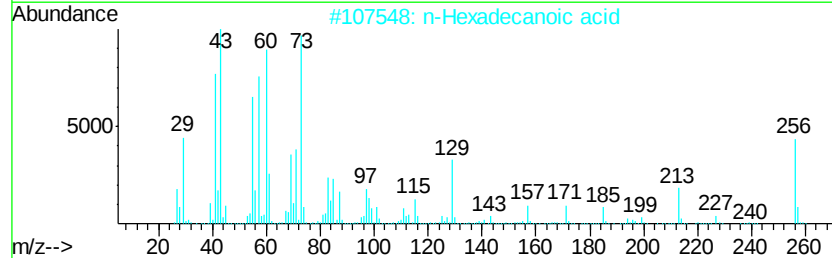
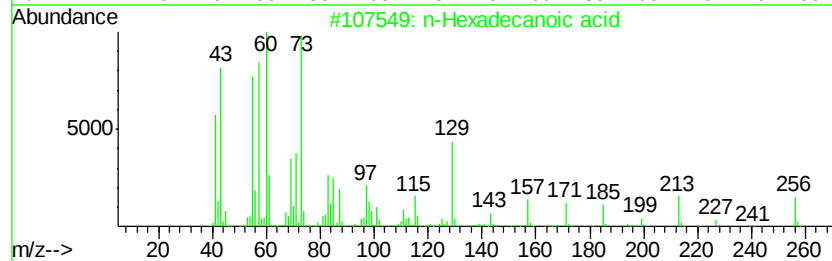
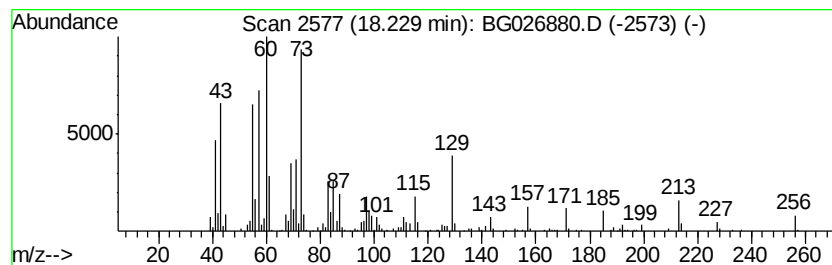
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.23	4.35 ng/ul	489747	Phenanthrene-d10		17.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	89



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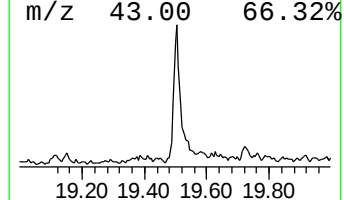
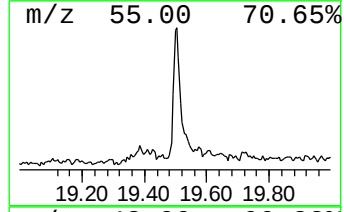
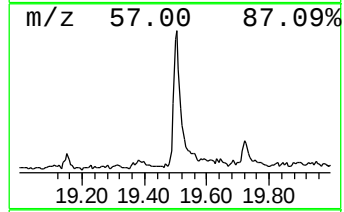
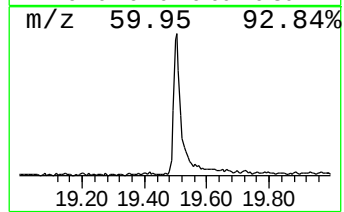
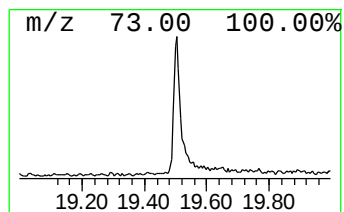
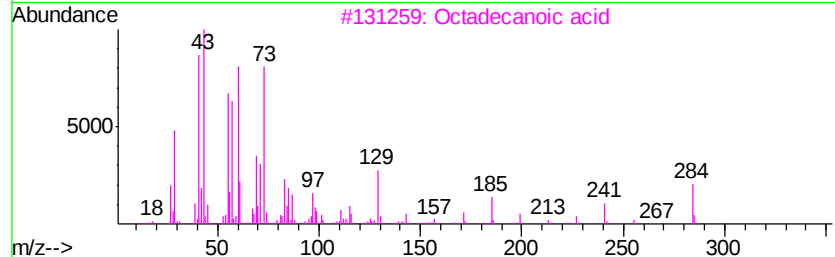
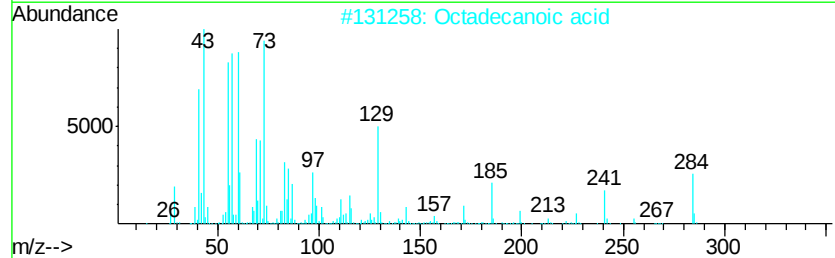
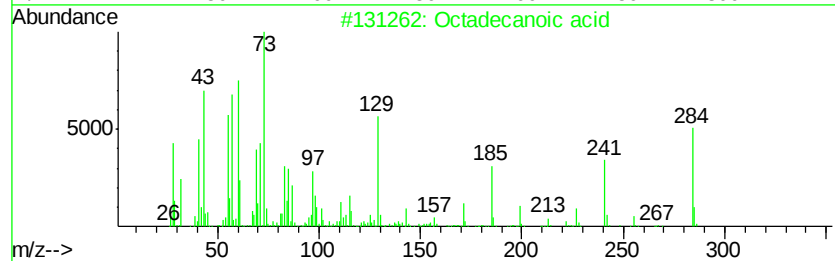
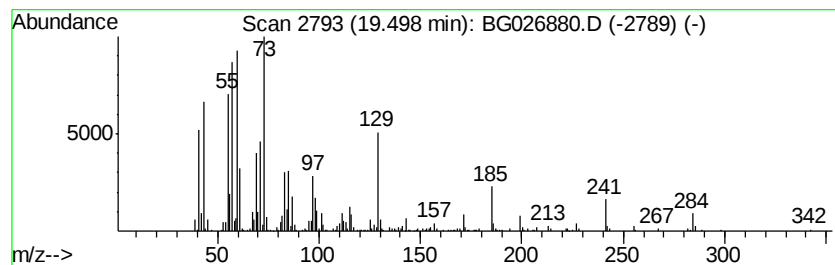
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	5.11 ng/ul	591431	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95	



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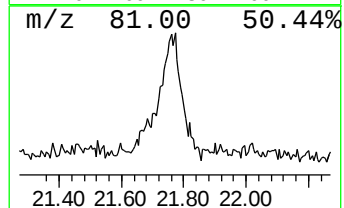
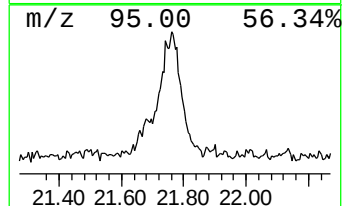
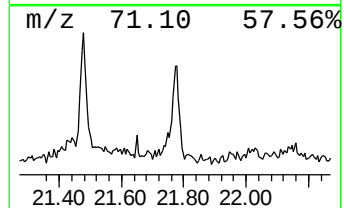
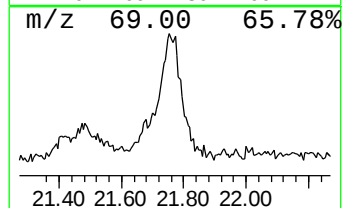
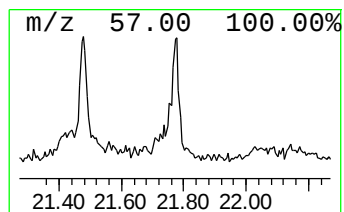
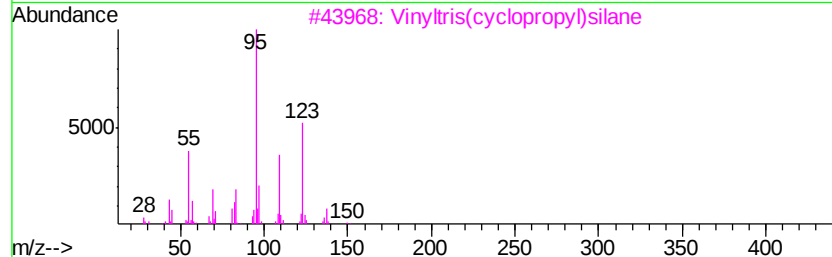
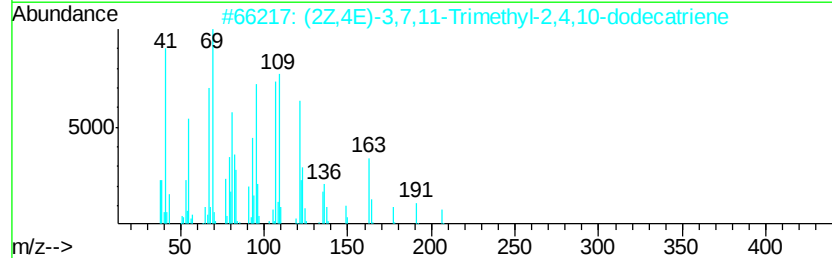
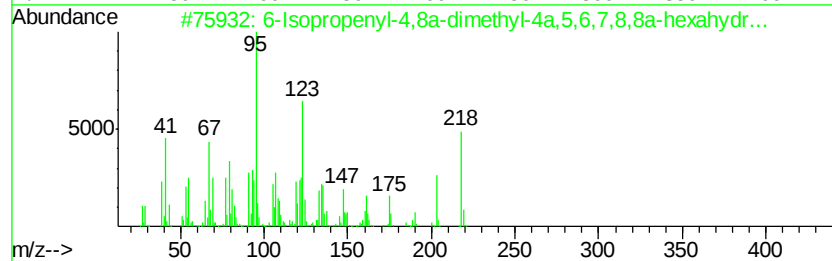
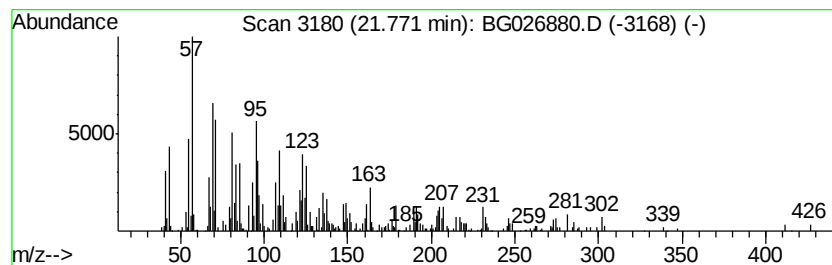
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Peak Number 3 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.77	9.89 ng/ul	1144100	Chrysene-d12	21.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	66
2	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	50
3	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	49
4	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	46
5	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
Operator : SJ/MA
Sample : I2842-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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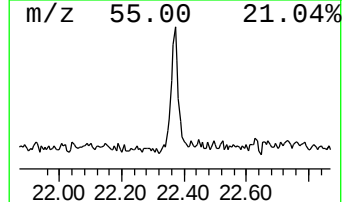
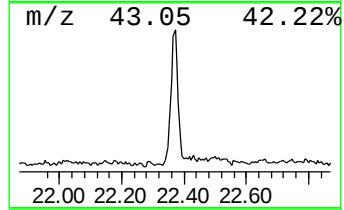
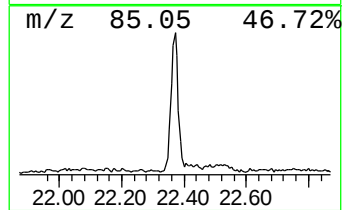
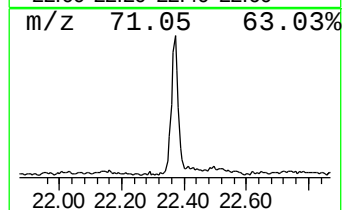
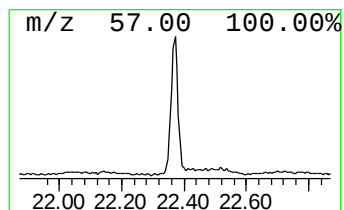
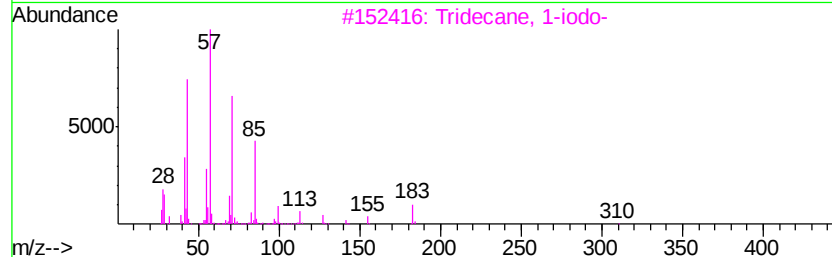
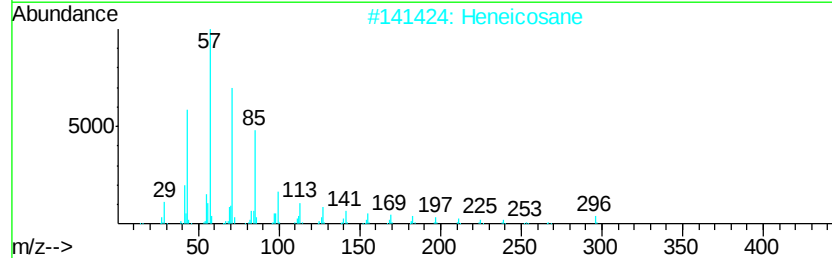
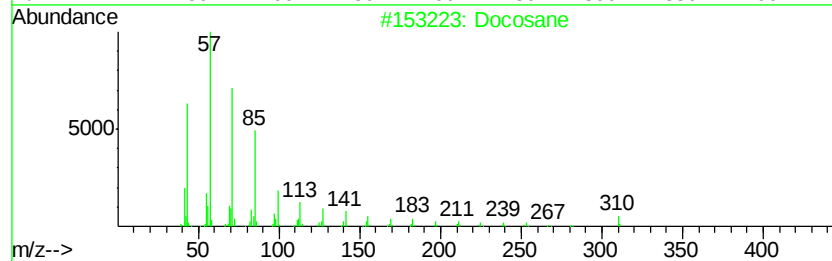
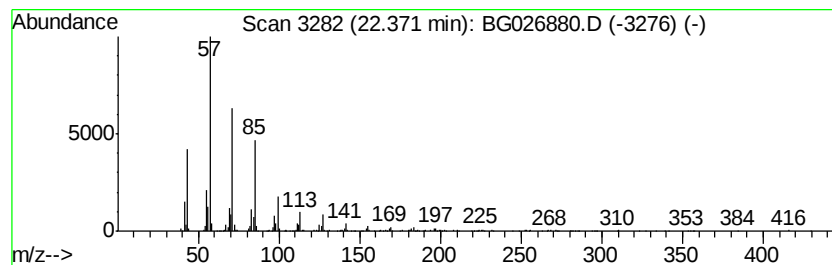
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	4.39 ng/ul	507817	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Heneicosane	296	C21H44	000629-94-7	94
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
4		Hexadecane	226	C16H34	000544-76-3	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
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ClientSampleId :
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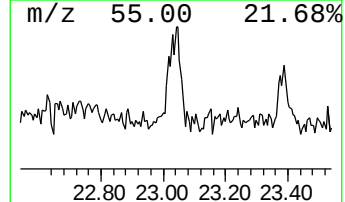
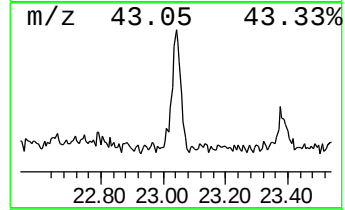
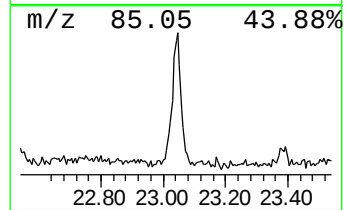
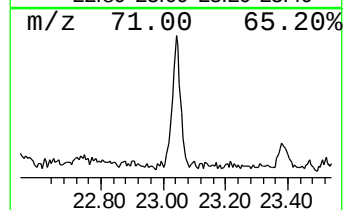
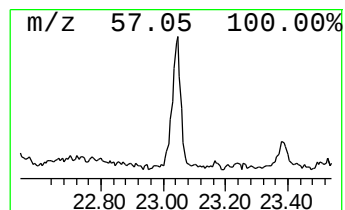
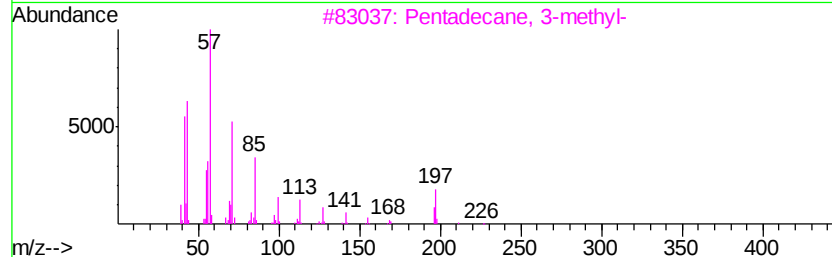
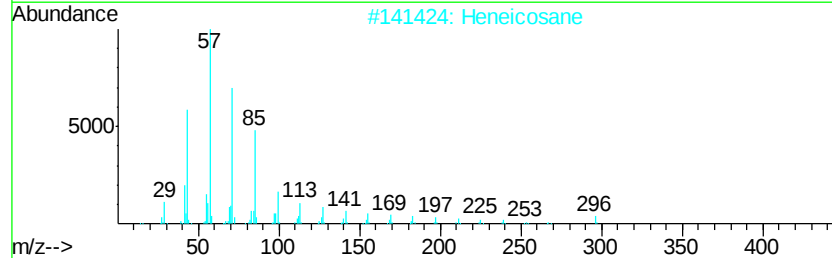
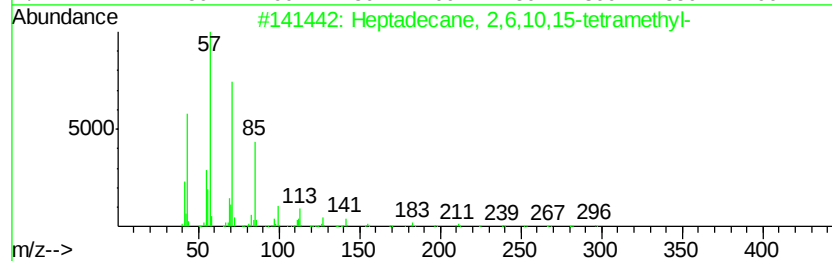
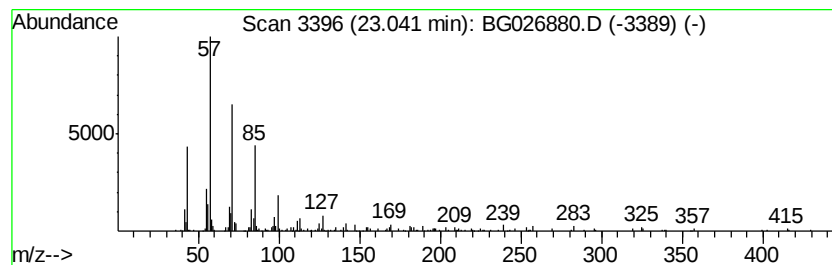
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	2.08 ng/ul	240352	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
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Sample : I2842-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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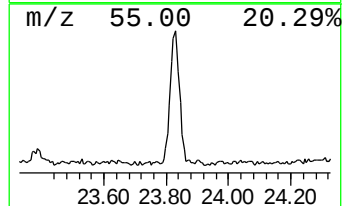
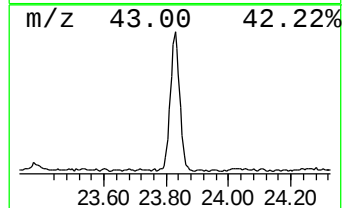
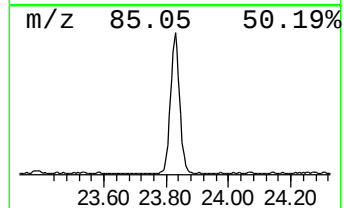
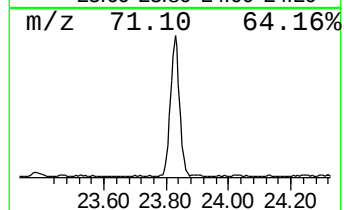
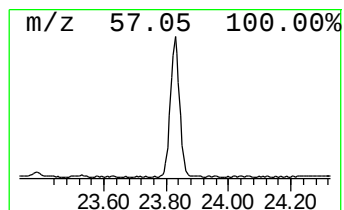
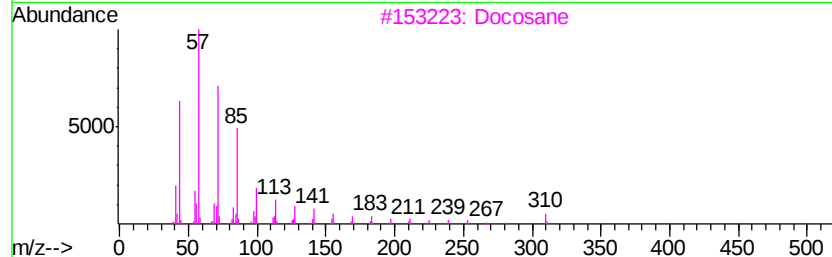
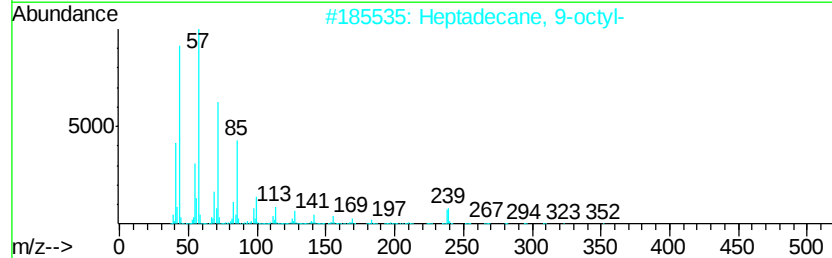
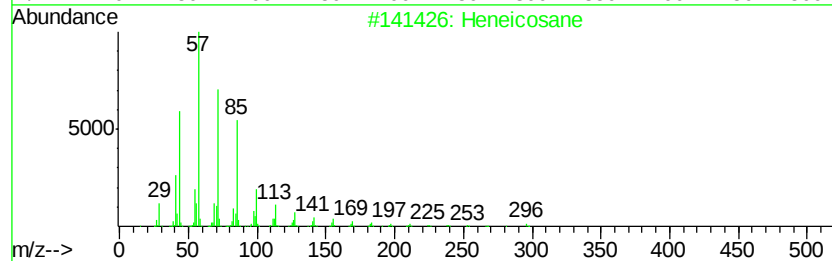
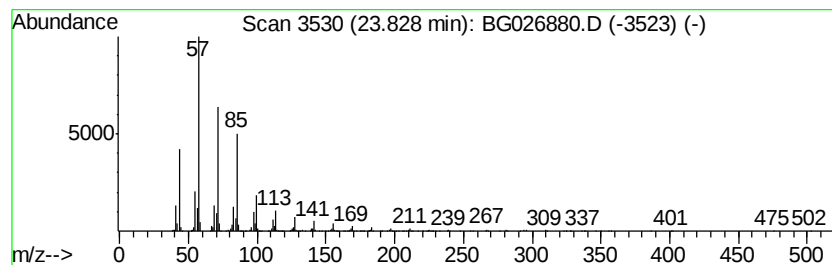
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	10.56 ng/ul	1441210	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
Operator : SJ/MA
Sample : I2842-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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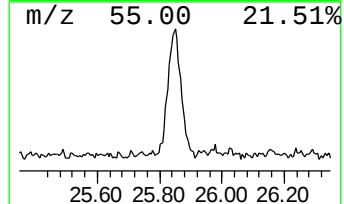
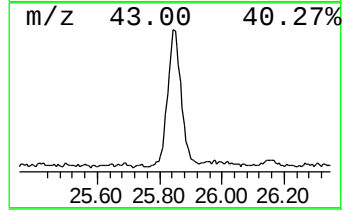
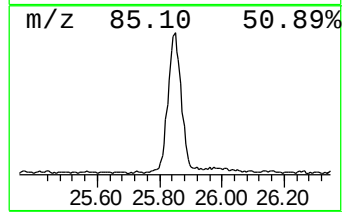
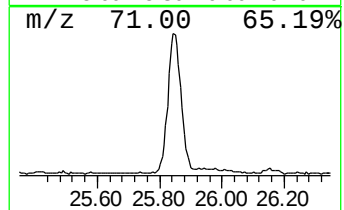
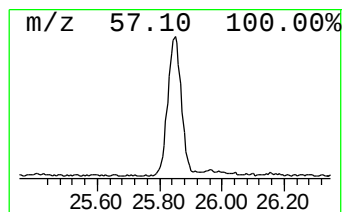
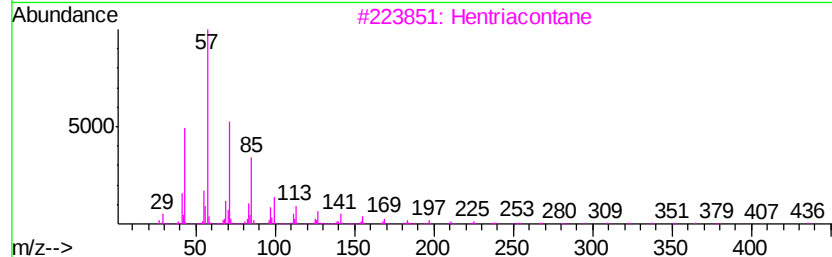
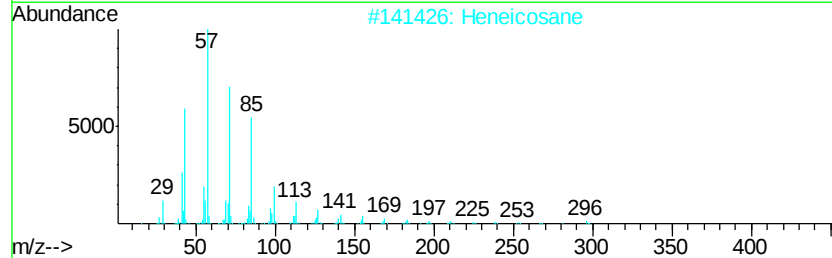
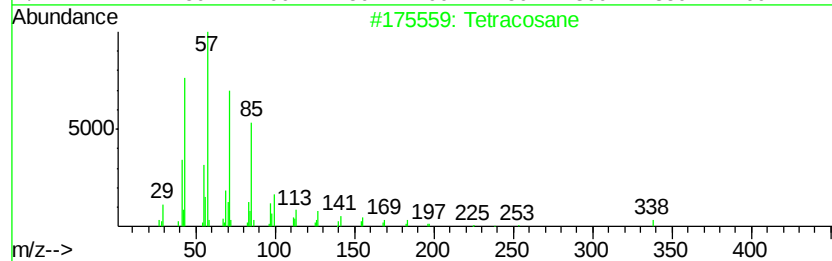
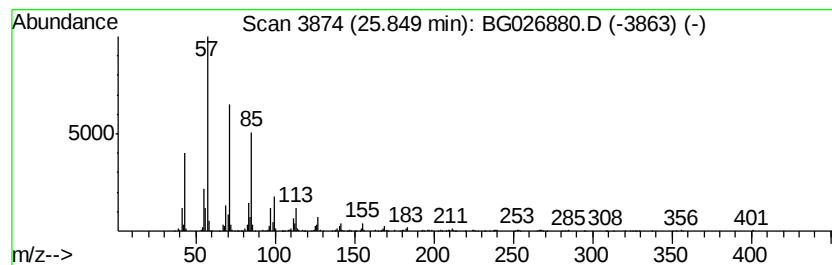
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	7.60 ng/ul	1037360	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
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Sample : I2842-15
Misc :
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ClientSampleId :
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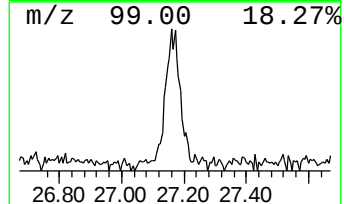
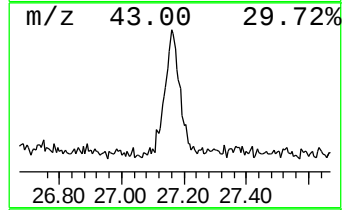
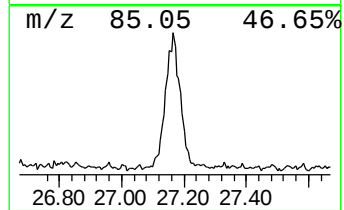
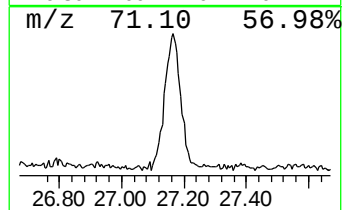
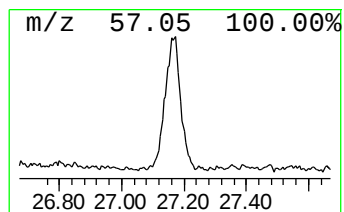
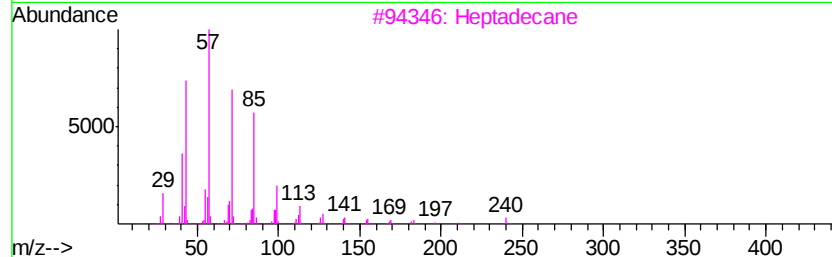
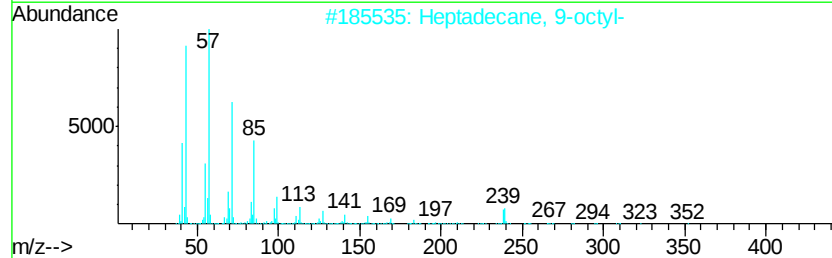
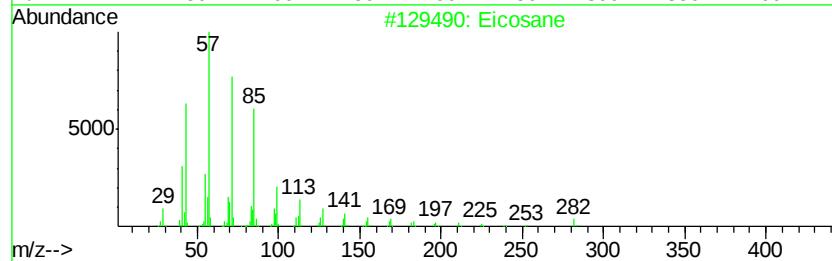
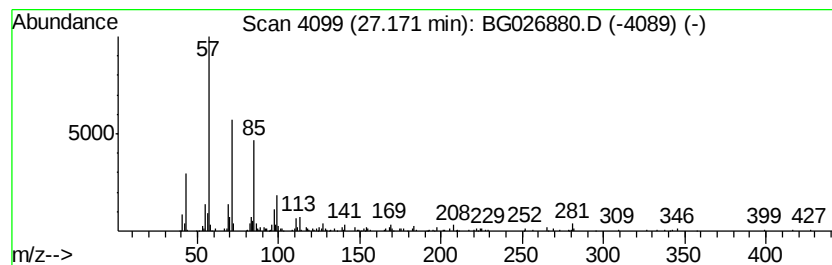
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic27.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.58 ng/ul	352264	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
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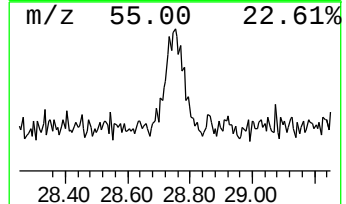
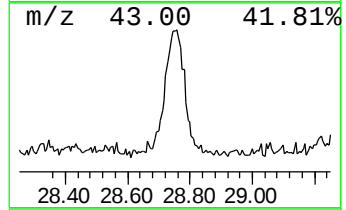
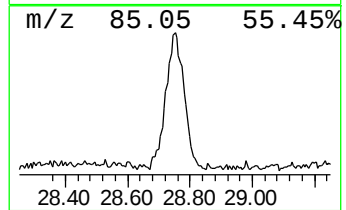
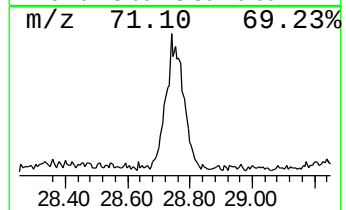
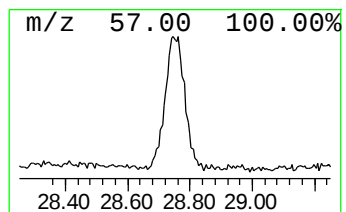
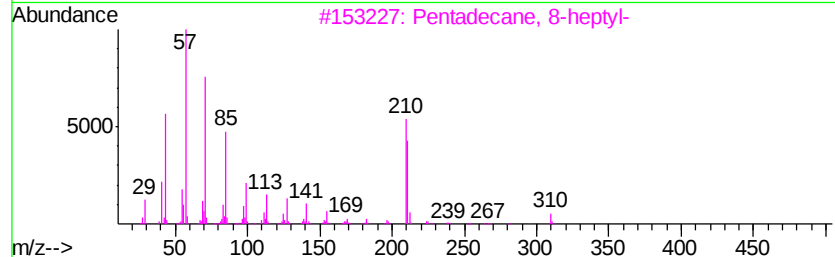
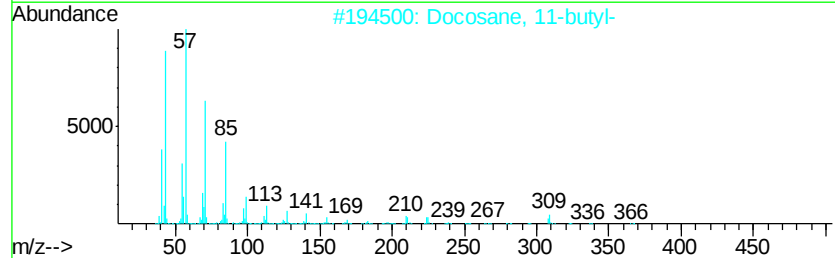
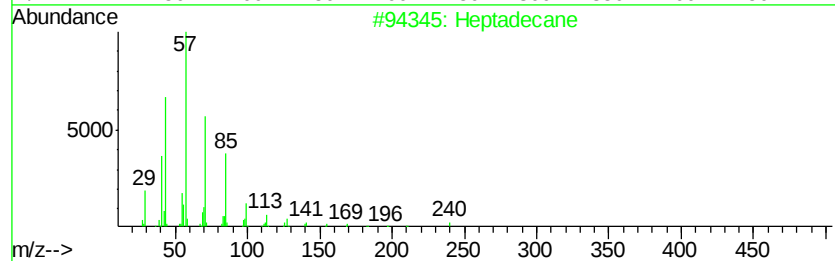
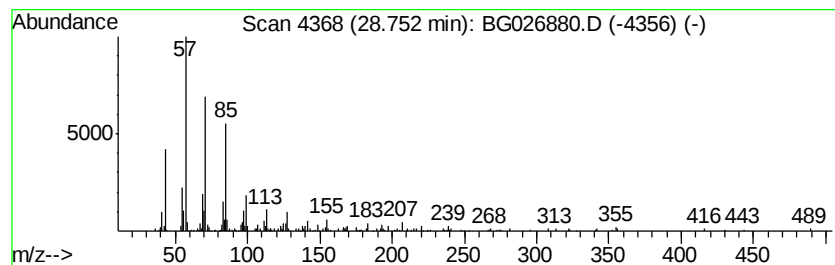
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	3.13 ng/ul	427746	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026880.D
Acq On : 6 May 2017 13:29
Operator : SJ/MA
Sample : I2842-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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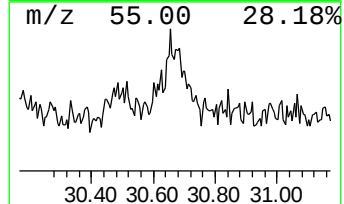
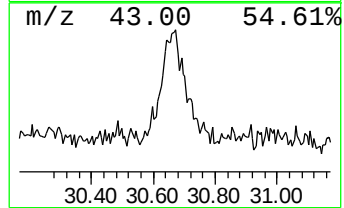
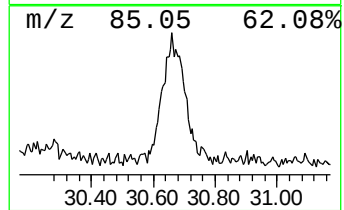
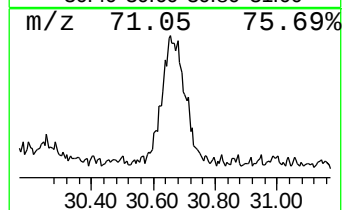
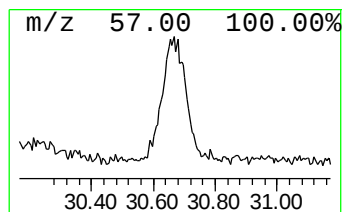
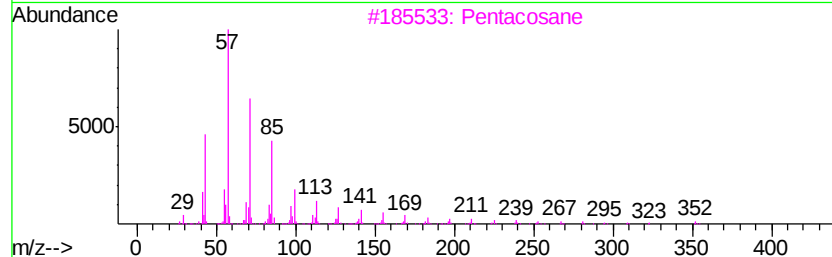
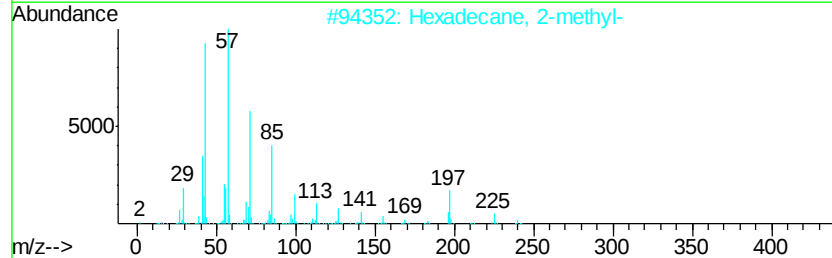
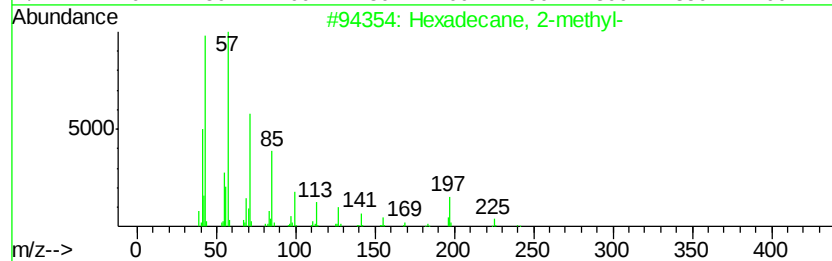
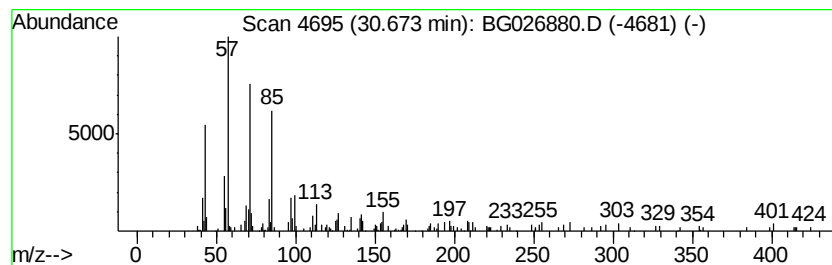
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.67	2.19 ng/ul	298319	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	76
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	68
3			Pentacosane	352	C25H52	000629-99-2	64
4			Tritriacontane	465	C33H68	000630-05-7	59
5			Hexacosane	366	C26H54	000630-01-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026880.D
 Acq On : 6 May 2017 13:29
 Operator : SJ/MA
 Sample : I2842-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	4.3	ng/ul	489747	4	17.35	2249550	20.0
Octadecanoic acid	19.50	5.1	ng/ul	591431	5	21.60	2312730	20.0
6-Isopropenyl-4,8...	21.77	9.9	ng/ul	1144100	5	21.60	2312730	20.0
(DEL) Alkane: Str...	22.37	4.4	ng/ul	507817	5	21.60	2312730	20.0
(DEL) Alkane: Str...	23.04	2.1	ng/ul	240352	5	21.60	2312730	20.0
(DEL) Alkane: Str...	23.83	10.6	ng/ul	1441210	6	24.77	2729090	20.0
(DEL) Alkane: Str...	25.85	7.6	ng/ul	1037360	6	24.77	2729090	20.0
(DEL) Alkane: Cyc...	27.17	2.6	ng/ul	352264	6	24.77	2729090	20.0
(DEL) Alkane: Str...	28.75	3.1	ng/ul	427746	6	24.77	2729090	20.0
(DEL) Alkane: Str...	30.67	2.2	ng/ul	298319	6	24.77	2729090	20.0