

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026877.D
 Acq On : 6 May 2017 11:31
 Operator : SJ/MA
 Sample : I2842-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC44

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	3.429	52	58	71	rVB2	31450	58066	1.67%	0.126%
2	5.115	339	345	352	rVB5	7249	12921	0.37%	0.028%
3	5.280	372	373	381	rBV5	2950	6395	0.18%	0.014%
4	6.220	523	533	543	rBV8	4798	13990	0.40%	0.030%
5	7.107	675	684	687	rBV5	3219	8176	0.24%	0.018%
6	7.183	687	697	715	rVV	576796	1129895	32.53%	2.455%
7	7.330	715	722	735	rVV	523557	864013	24.87%	1.877%
8	7.424	735	738	750	rVB6	5499	8917	0.26%	0.019%
9	7.548	750	759	773	rBV	603004	1090218	31.38%	2.369%
10	7.853	807	811	817	rVB4	3096	6931	0.20%	0.015%
11	8.006	824	837	850	rBV	571086	969589	27.91%	2.107%
12	8.723	949	959	980	rBV	751061	1466637	42.22%	3.187%
13	9.163	1024	1034	1050	rBV	574949	1026529	29.55%	2.231%
14	9.586	1100	1106	1115	rVB3	12099	20946	0.60%	0.046%
15	9.892	1148	1158	1167	rBV	467291	867566	24.98%	1.885%
16	10.438	1243	1251	1276	rBV	708214	1419013	40.85%	3.083%
17	10.808	1300	1314	1327	rVV	895681	1625308	46.79%	3.532%
18	10.938	1327	1336	1354	rVV	688062	1366936	39.35%	2.970%
19	11.055	1354	1356	1366	rVV6	6796	15062	0.43%	0.033%
20	12.389	1577	1583	1591	rBV	12333	22621	0.65%	0.049%
21	12.459	1591	1595	1607	rVB6	3299	8477	0.24%	0.018%
22	12.700	1629	1636	1638	rBV5	3788	5720	0.16%	0.012%
23	13.012	1685	1689	1696	rBV7	3856	7630	0.22%	0.017%
24	13.153	1707	1713	1721	rVB6	4026	8819	0.25%	0.019%
25	13.229	1722	1726	1731	rBV5	6060	9047	0.26%	0.020%
26	13.441	1756	1762	1768	rBV3	15886	26997	0.78%	0.059%
27	13.523	1768	1776	1782	rVV9	4459	9288	0.27%	0.020%
28	13.969	1842	1852	1854	rBV6	5902	15301	0.44%	0.033%
29	14.022	1854	1861	1865	rVV	1350122	2022861	58.23%	4.395%
30	14.063	1865	1868	1878	rVV	463737	692295	19.93%	1.504%
31	14.134	1878	1880	1886	rVB6	6041	10268	0.30%	0.022%
32	14.210	1889	1893	1898	rVB5	5647	8205	0.24%	0.018%
33	14.316	1903	1911	1927	rVV	1688022	2688417	77.39%	5.842%
34	14.510	1938	1944	1953	rVB	41149	56024	1.61%	0.122%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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35	14.622	1953	1963	1973	rBV2	1289080	2074030	59.71%	4.507%
36	14.839	1994	2000	2026	rBV2	277491	817905	23.55%	1.777%
37	15.009	2026	2029	2034	rVV7	12450	27000	0.78%	0.059%
38	15.056	2034	2037	2043	rVV8	8728	18537	0.53%	0.040%
39	15.121	2043	2048	2054	rVB6	10959	19674	0.57%	0.043%
40	15.192	2056	2060	2064	rBV5	8621	11960	0.34%	0.026%
41	15.403	2091	2096	2099	rBV5	7075	10901	0.31%	0.024%
42	15.456	2101	2105	2111	rVB	51515	66779	1.92%	0.145%
43	15.609	2119	2131	2144	rBV	2015993	3135020	90.25%	6.812%
44	15.732	2144	2152	2164	rBV	435447	702793	20.23%	1.527%
45	15.844	2167	2171	2177	rBV4	35737	67923	1.96%	0.148%
46	15.955	2187	2190	2194	rVB5	8885	10378	0.30%	0.023%
47	16.002	2194	2198	2205	rBV8	9500	16644	0.48%	0.036%
48	16.067	2205	2209	2213	rBV6	11007	15430	0.44%	0.034%
49	16.308	2246	2250	2260	rBV	60890	99931	2.88%	0.217%
50	16.390	2261	2264	2270	rVB8	7551	11471	0.33%	0.025%
51	16.566	2289	2294	2302	rVB10	5783	13517	0.39%	0.029%
52	16.649	2303	2308	2312	rBV7	9801	19301	0.56%	0.042%
53	16.713	2316	2319	2323	rVB6	6491	10195	0.29%	0.022%
54	16.772	2323	2329	2333	rBV8	9635	20323	0.59%	0.044%
55	16.813	2333	2336	2341	rVB7	8829	14860	0.43%	0.032%
56	16.913	2350	2353	2361	rVB9	5794	9018	0.26%	0.020%
57	17.048	2370	2376	2379	rBV7	4885	5859	0.17%	0.013%
58	17.101	2379	2385	2390	rBV	34585	50221	1.45%	0.109%
59	17.154	2390	2394	2398	rVB4	11757	18388	0.53%	0.040%
60	17.354	2420	2428	2438	rBV2	1392790	2127010	61.23%	4.622%
61	17.454	2438	2445	2454	rVB	2076087	3126141	89.99%	6.793%
62	17.571	2462	2465	2468	rVB5	4319	6651	0.19%	0.014%
63	17.747	2490	2495	2499	rVV7	6240	10265	0.30%	0.022%
64	17.841	2506	2511	2516	rBV7	9106	14797	0.43%	0.032%
65	18.012	2536	2540	2547	rVB8	10766	18090	0.52%	0.039%
66	18.112	2555	2557	2565	rBV9	3987	9111	0.26%	0.020%
67	18.235	2572	2578	2587	rBV	173529	307600	8.86%	0.668%
68	18.541	2623	2630	2634	rBV8	9476	17636	0.51%	0.038%
69	18.828	2676	2679	2685	rVB8	5401	7791	0.22%	0.017%
70	19.152	2726	2734	2741	rBV	60706	81893	2.36%	0.178%
71	19.228	2745	2747	2752	rBV6	8111	9450	0.27%	0.021%

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72	19.375	2766	2772	2775	rBV2	34347	61743	1.78%	0.134%
73	19.504	2788	2794	2803	rBV2	80504	161290	4.64%	0.350%
74	19.628	2810	2815	2824	rVB4	31665	65968	1.90%	0.143%
75	19.733	2825	2833	2847	rBV	2316246	3458290	99.56%	7.514%
76	20.074	2888	2891	2892	rBV3	9585	12130	0.35%	0.026%
77	20.250	2917	2921	2928	rVB	147008	181490	5.22%	0.394%
78	20.321	2928	2933	2937	rBV8	10431	22814	0.66%	0.050%
79	20.391	2943	2945	2947	rBV3	7180	7919	0.23%	0.017%
80	20.632	2982	2986	2991	rVB5	26438	35399	1.02%	0.077%
81	20.744	3001	3005	3009	rBV5	40725	46005	1.32%	0.100%
82	21.243	3085	3090	3095	rVB	78994	101338	2.92%	0.220%
83	21.478	3127	3130	3135	rVB4	24915	33057	0.95%	0.072%
84	21.602	3144	3151	3163	rVB	1394586	2237951	64.43%	4.863%
85	21.772	3178	3180	3192	rVB7	39936	55868	1.61%	0.121%
86	22.371	3276	3282	3287	rBV	103449	164975	4.75%	0.358%
87	23.041	3391	3396	3412	rVB3	81383	230323	6.63%	0.500%
88	23.388	3450	3455	3460	rVB9	22095	35511	1.02%	0.077%
89	23.828	3522	3530	3544	rVB2	158936	365896	10.53%	0.795%
90	24.022	3560	3563	3570	rVB9	13226	28270	0.81%	0.061%
91	24.551	3641	3653	3671	rVB2	1192761	3473715	100.00%	7.548%
92	24.763	3678	3689	3710	rVB2	860673	2613809	75.25%	5.679%
93	25.256	3767	3773	3783	rVB8	51993	148758	4.28%	0.323%
94	25.844	3864	3873	3886	rBV3	127507	387382	11.15%	0.842%
95	27.160	4087	4097	4109	rBV4	93450	306670	8.83%	0.666%
96	27.930	4219	4228	4238	rBV4	33737	112610	3.24%	0.245%
97	28.752	4358	4368	4384	rVB5	69097	293870	8.46%	0.639%
98	30.127	4591	4602	4617	rVB5	48194	203725	5.86%	0.443%
99	30.668	4685	4694	4710	rVB8	55038	249617	7.19%	0.542%
100	31.402	4807	4819	4837	rVB8	68189	351999	10.13%	0.765%

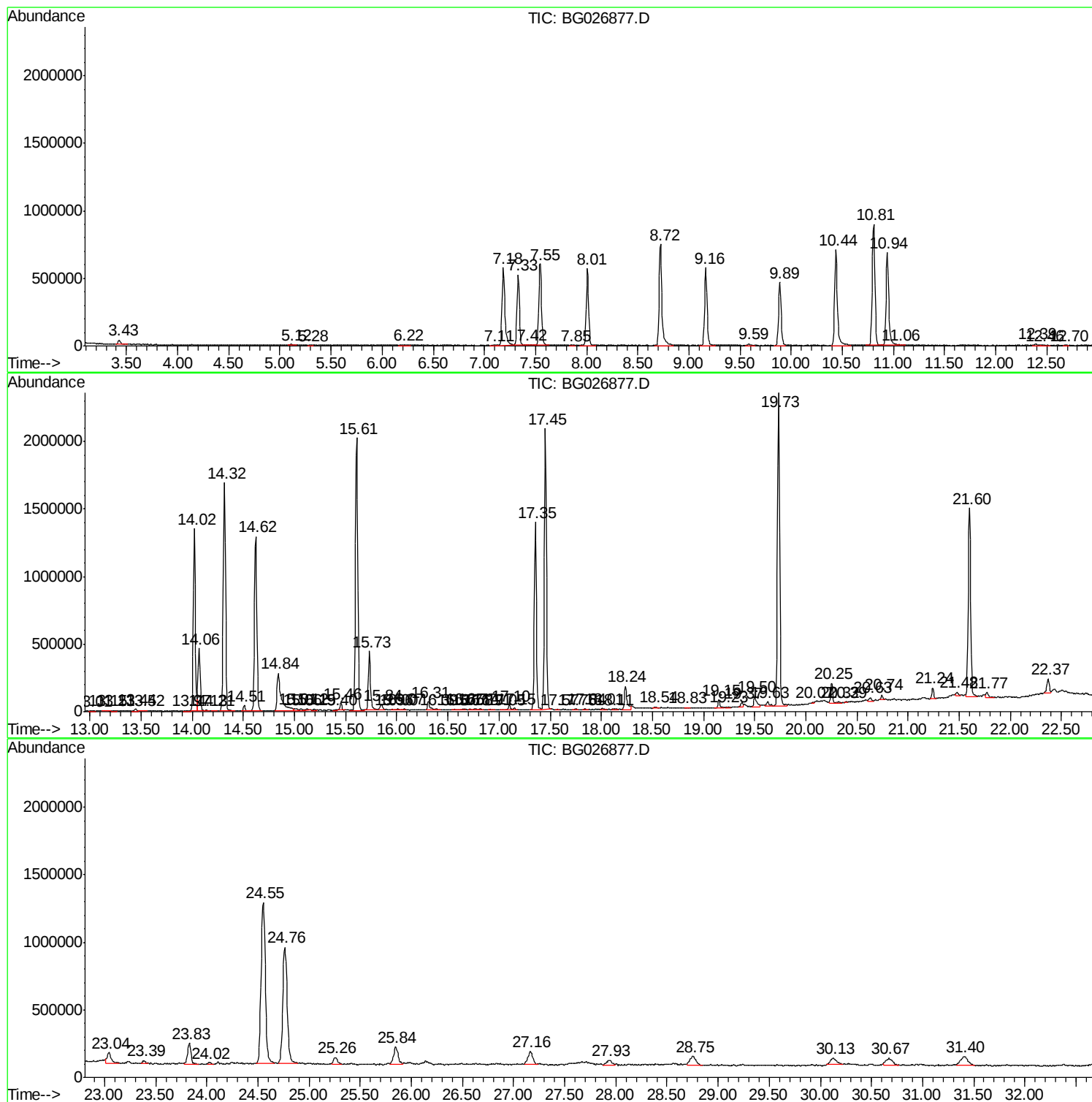
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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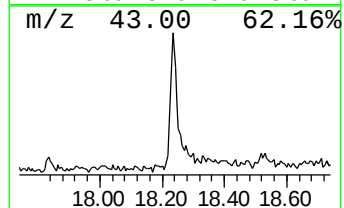
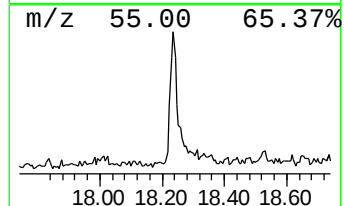
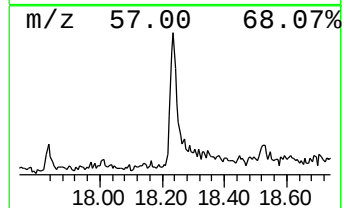
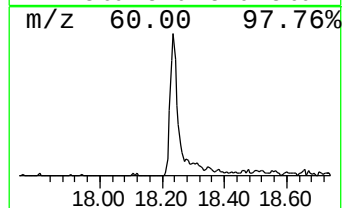
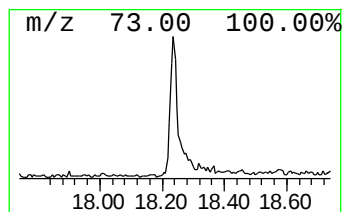
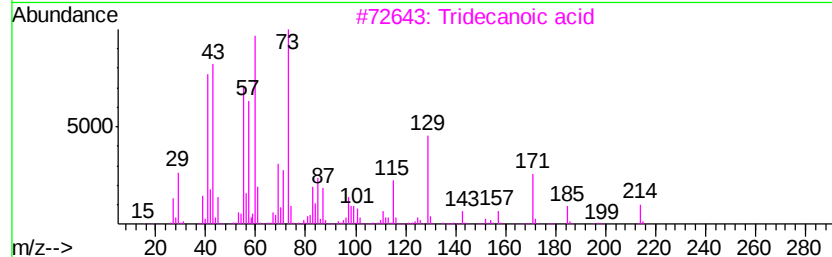
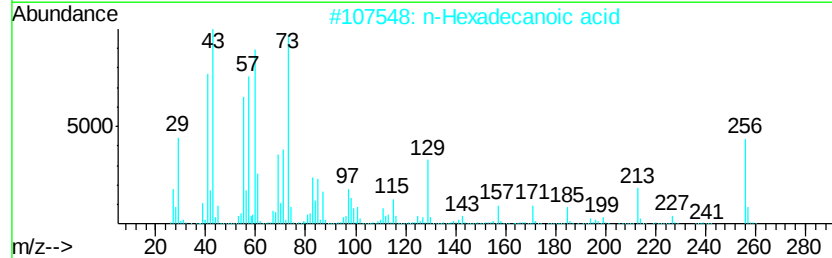
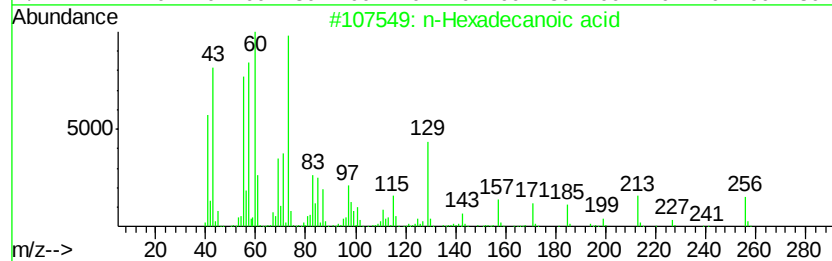
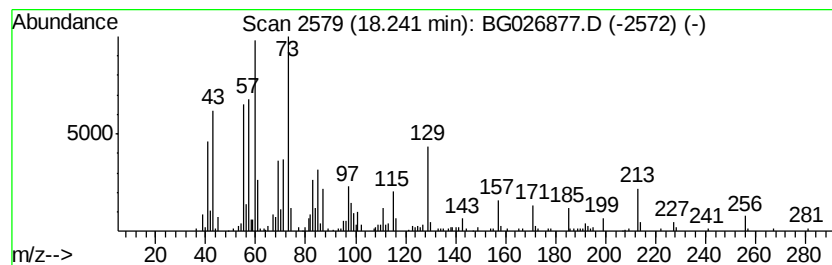
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	2.89 ng/ul	307600	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	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	91	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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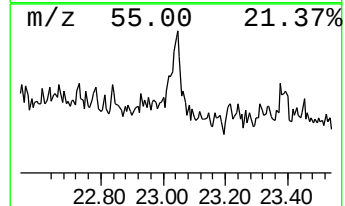
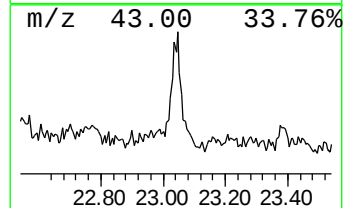
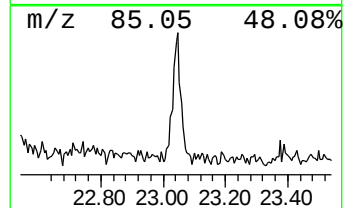
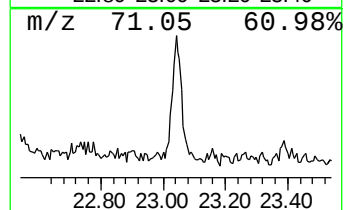
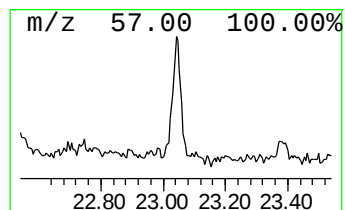
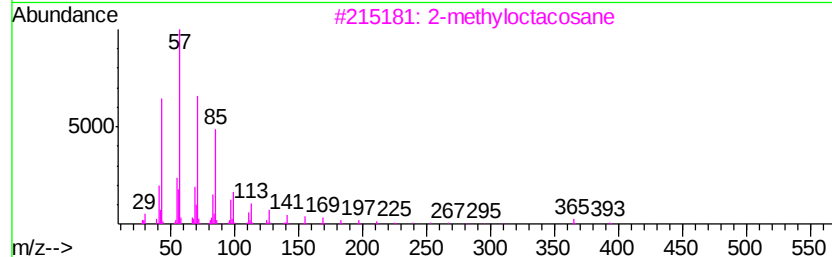
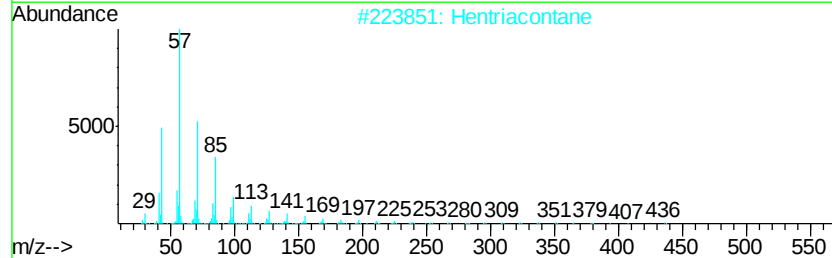
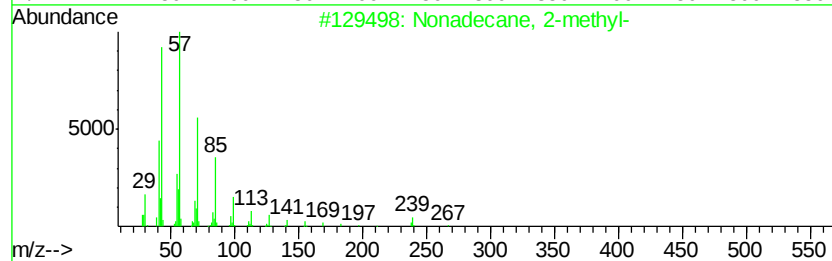
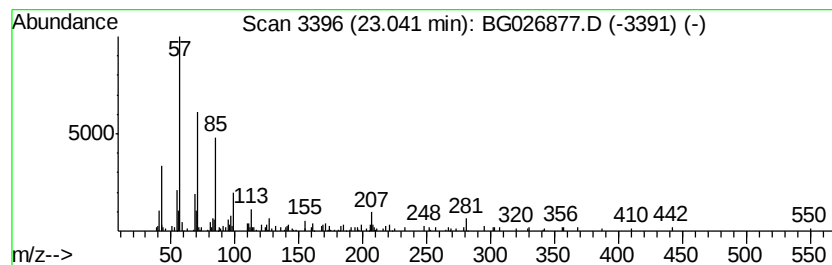
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	2.06 ng/ul	230323	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
2		Hentriacontane	437	C31H64	000630-04-6	72
3		2-methyloctacosane	408	C29H60	1000376-72-8	64
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
5		Heptadecane	240	C17H36	000629-78-7	64



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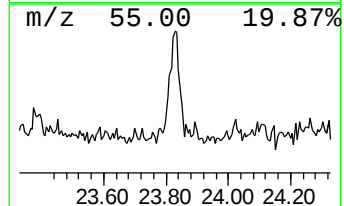
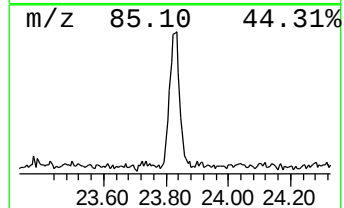
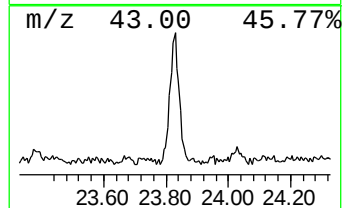
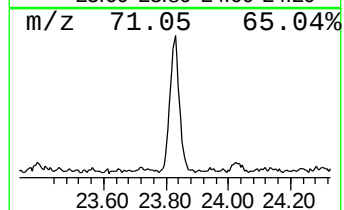
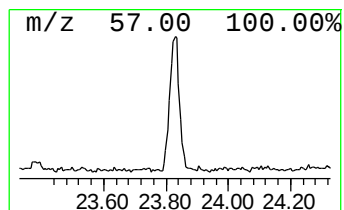
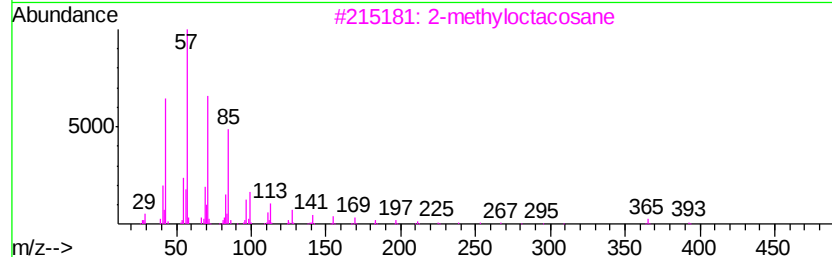
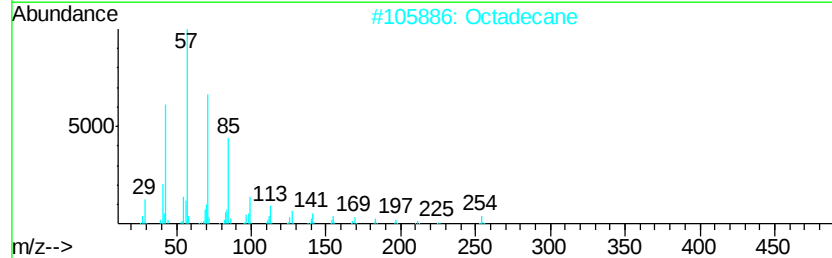
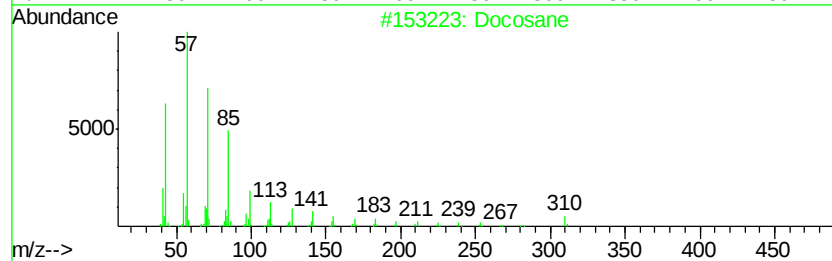
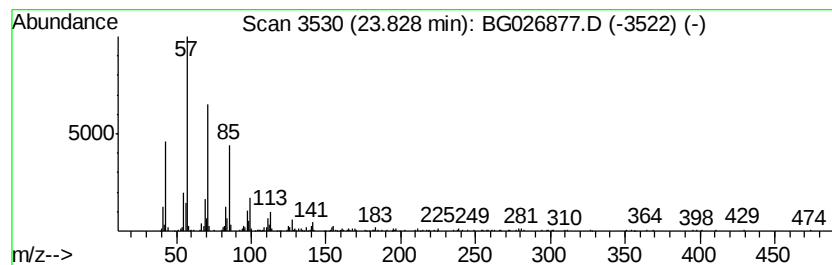
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.80 ng/ul	365896	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Octadecane	254	C18H38	000593-45-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026877.D
Acq On : 6 May 2017 11:31
Operator : SJ/MA
Sample : I2842-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC44

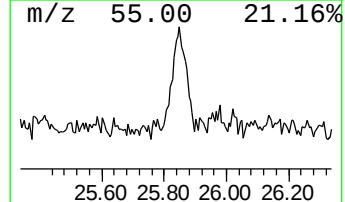
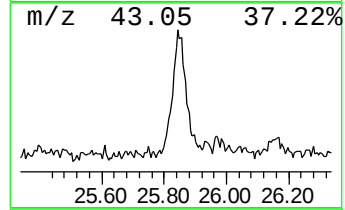
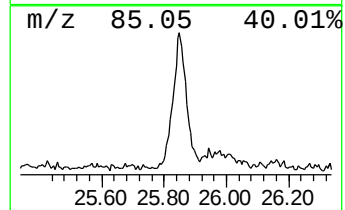
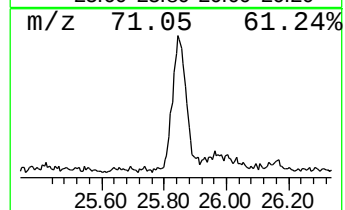
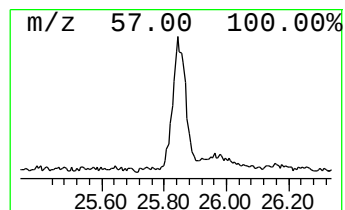
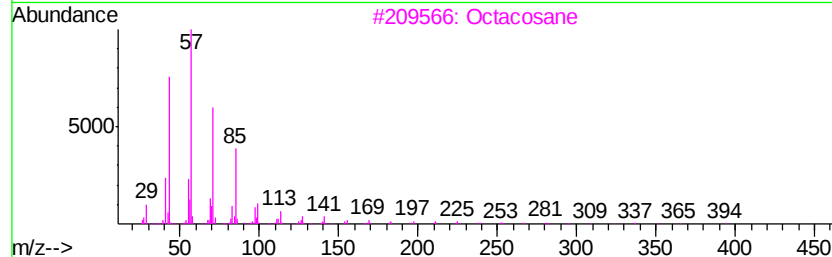
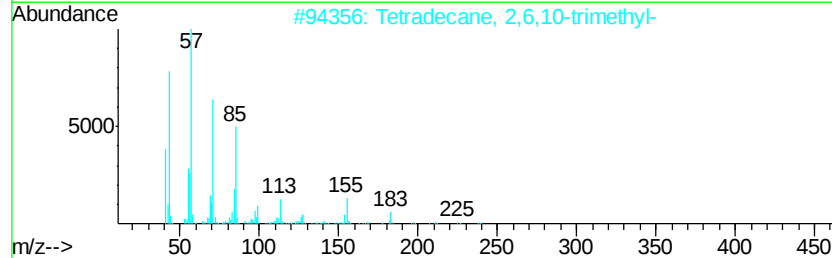
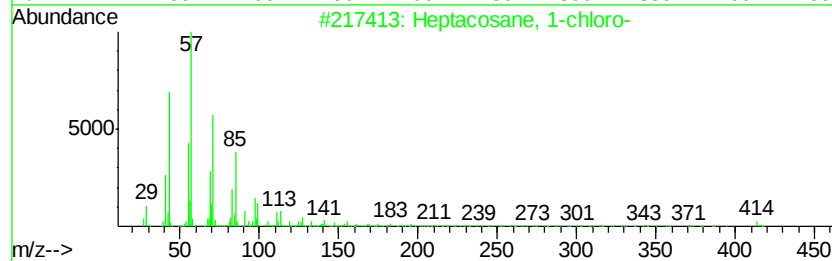
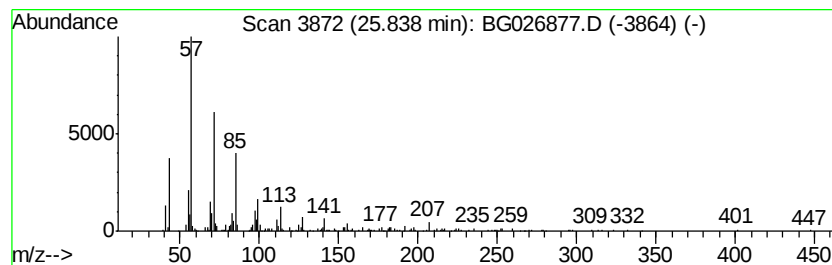
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.96 ng/ul	387382	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026877.D
Acq On : 6 May 2017 11:31
Operator : SJ/MA
Sample : I2842-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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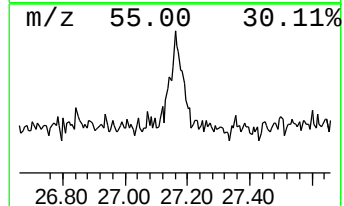
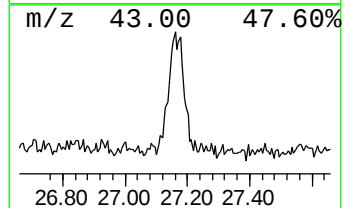
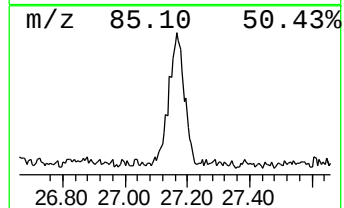
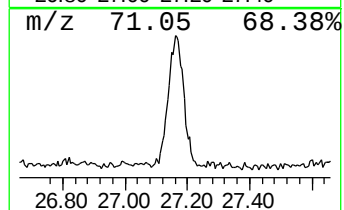
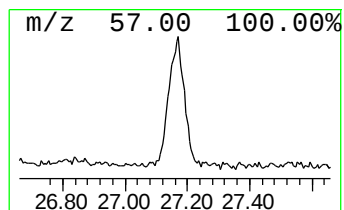
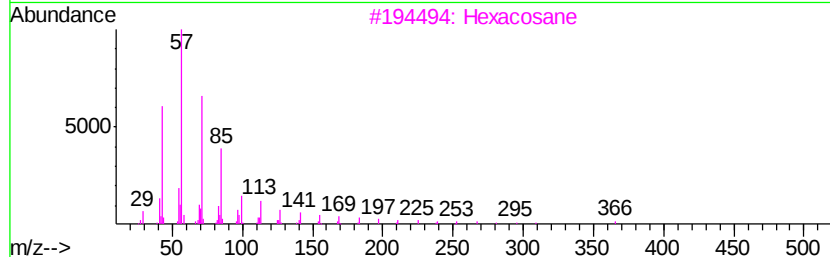
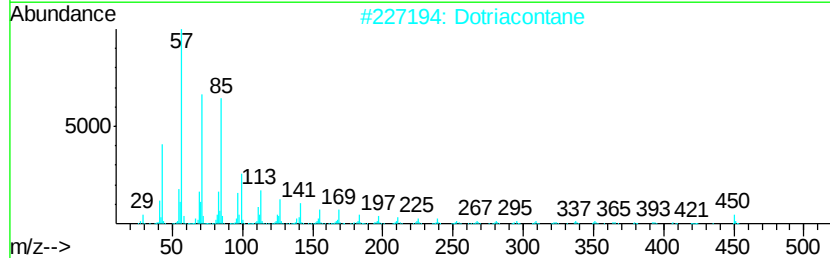
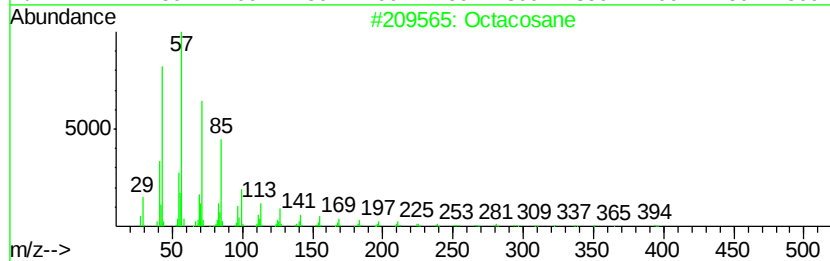
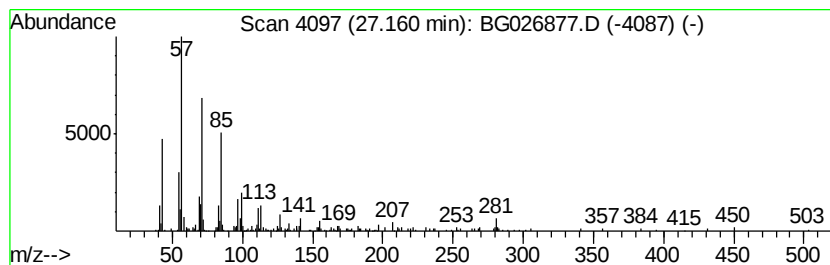
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.35 ng/ul	306670	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Dotriacontane	451	C32H66	000544-85-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026877.D
Acq On : 6 May 2017 11:31
Operator : SJ/MA
Sample : I2842-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC44

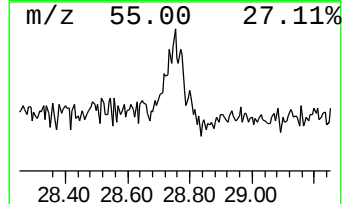
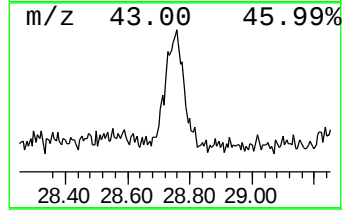
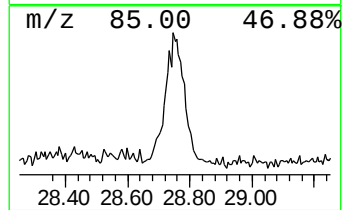
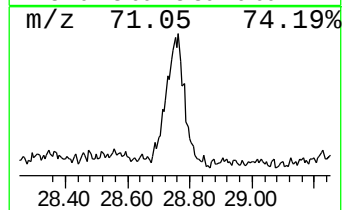
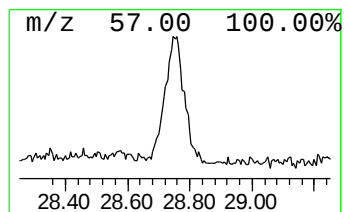
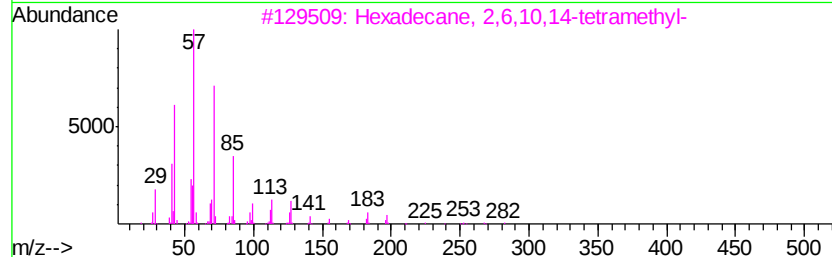
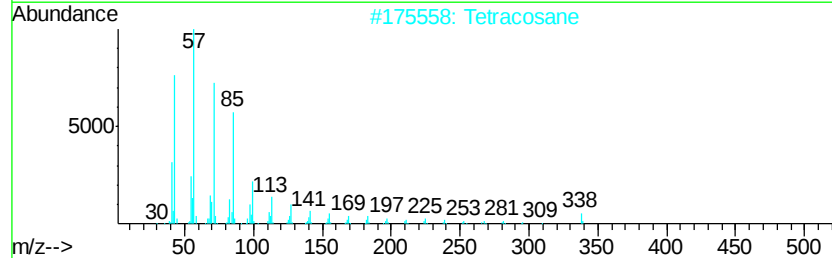
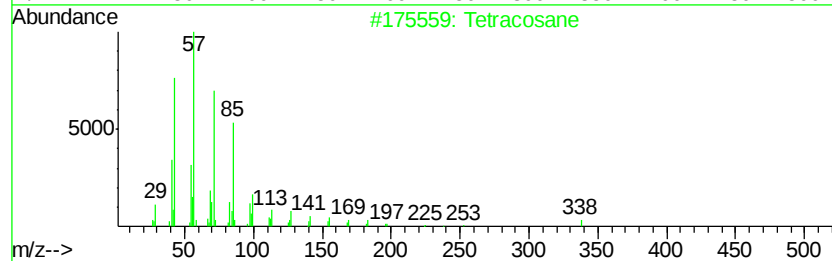
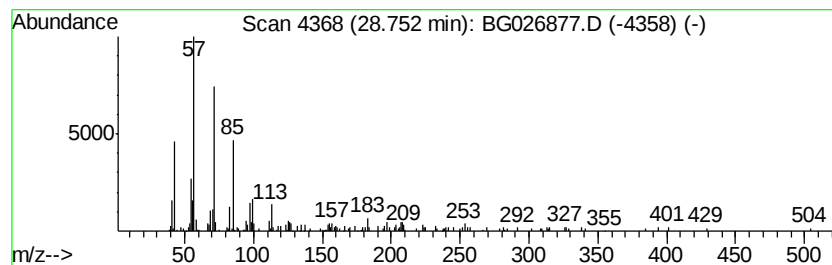
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.25 ng/ul	293870	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026877.D
Acq On : 6 May 2017 11:31
Operator : SJ/MA
Sample : I2842-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

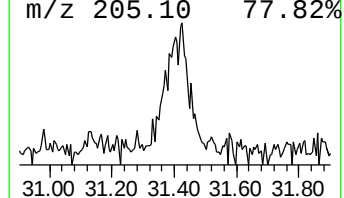
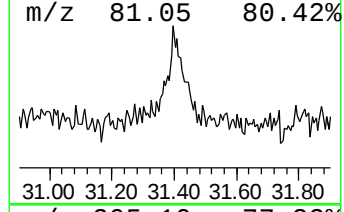
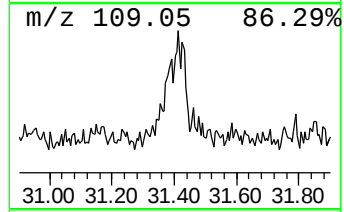
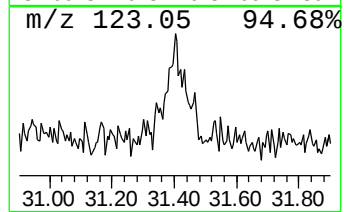
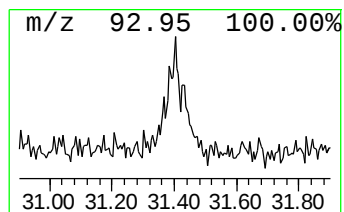
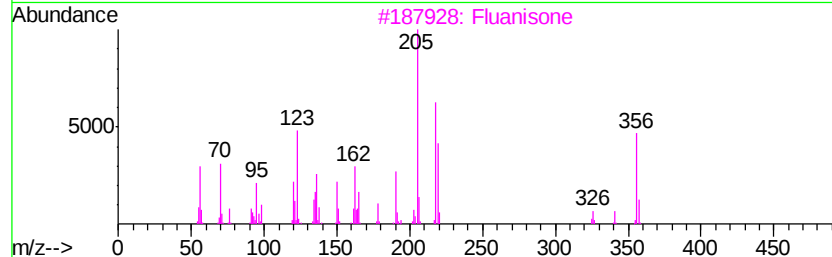
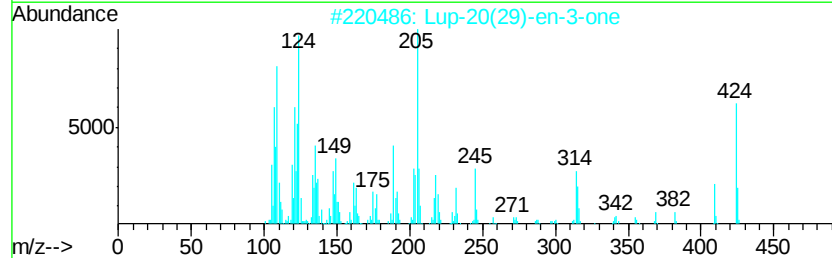
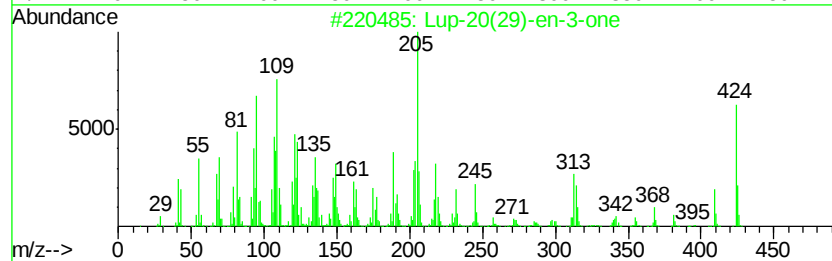
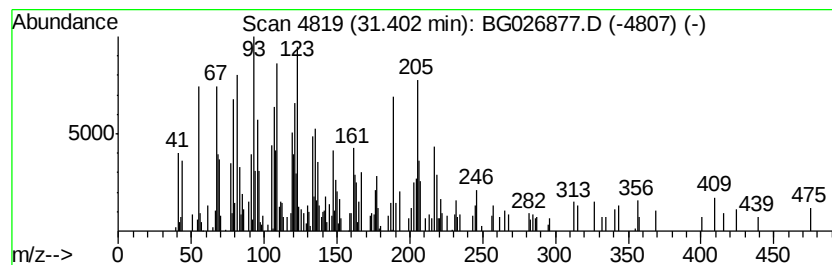
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Lup-20(29)-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.40	2.69 ng/ul	351999	Perylene-d12	24.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5 87
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5 83
3	Fluanisone	356	C21H25FN2O2	001480-19-9 48
4	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3 35
5	Bicyclo[2.2.1]heptane-2-acetamid...	341	C20H24FN3O	1000337-54-9 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
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Operator : SJ/MA
Sample : I2842-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	2.9	ng/ul	307600	4	17.35	2127010	20.0
(DEL) Alkane: Str...	23.04	2.1	ng/ul	230323	5	21.60	2237950	20.0
(DEL) Alkane: Str...	23.83	2.8	ng/ul	365896	6	24.77	2613810	20.0
Heptacosane, 1-ch...	25.84	3.0	ng/ul	387382	6	24.77	2613810	20.0
(DEL) Alkane: Str...	27.16	2.4	ng/ul	306670	6	24.77	2613810	20.0
(DEL) Alkane: Str...	28.75	2.3	ng/ul	293870	6	24.77	2613810	20.0
Lup-20(29)-en-3-one	31.40	2.7	ng/ul	351999	6	24.77	2613810	20.0