

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026825.D
 Acq On : 2 May 2017 3:04
 Operator : SJ/MA
 Sample : I2867-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT76

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	3.424	53	57	68	rVB3	33245	63456	0.73%	0.075%
2	7.184	690	697	714	rBV	604668	1194204	13.74%	1.411%
3	7.331	715	722	733	rVB	546655	894443	10.29%	1.057%
4	7.548	751	759	773	rBV	656798	1142381	13.14%	1.350%
5	8.006	831	837	847	rBV	527687	929814	10.69%	1.099%
6	8.723	953	959	990	rVB	846449	1729363	19.89%	2.044%
7	9.164	1027	1034	1047	rVB	627000	1135277	13.06%	1.342%
8	9.892	1150	1158	1172	rVB	514139	953371	10.97%	1.127%
9	10.439	1244	1251	1274	rBV	811438	1569833	18.06%	1.855%
10	10.809	1305	1314	1327	rVB	925844	1681725	19.34%	1.987%
11	10.944	1327	1337	1357	rBV	728143	1457710	16.77%	1.723%
12	12.284	1559	1565	1567	rBV5	8837	15534	0.18%	0.018%
13	12.395	1579	1584	1591	rVB4	17591	34107	0.39%	0.040%
14	13.089	1694	1702	1707	rBV8	5095	11095	0.13%	0.013%
15	13.230	1721	1726	1733	rVB6	9326	16443	0.19%	0.019%
16	13.952	1843	1849	1853	rVV8	5629	14404	0.17%	0.017%
17	14.023	1853	1861	1865	rVV	1631921	2321050	26.70%	2.743%
18	14.070	1865	1869	1878	rVV	287842	428544	4.93%	0.506%
19	14.140	1878	1881	1888	rVB7	5862	11049	0.13%	0.013%
20	14.317	1900	1911	1924	rBV	1947997	3123779	35.93%	3.692%
21	14.511	1938	1944	1950	rVB	25807	38038	0.44%	0.045%
22	14.622	1950	1963	1974	rBV2	1420408	2205667	25.37%	2.607%
23	14.840	1992	2000	2032	rBV2	338957	947746	10.90%	1.120%
24	15.122	2046	2048	2057	rVB8	15336	25415	0.29%	0.030%
25	15.192	2057	2060	2065	rVB7	8798	14411	0.17%	0.017%
26	15.351	2080	2087	2091	rVB7	5316	11657	0.13%	0.014%
27	15.404	2091	2096	2100	rBV2	13047	23476	0.27%	0.028%
28	15.456	2100	2105	2110	rVB	65164	81197	0.93%	0.096%
29	15.609	2120	2131	2142	rBV	2404091	3597322	41.38%	4.251%
30	15.727	2142	2151	2165	rBV	544424	883319	10.16%	1.044%
31	15.850	2165	2172	2178	rVV3	47970	92260	1.06%	0.109%
32	15.956	2185	2190	2194	rBV7	10367	14311	0.16%	0.017%
33	16.003	2196	2198	2206	rBV7	8873	15475	0.18%	0.018%
34	16.073	2206	2210	2217	rVV5	9908	14973	0.17%	0.018%

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35	16.314	2245	2251	2261	rBV	82914	155753	1.79%	0.184%
36	16.655	2303	2309	2317	rBV7	13368	33362	0.38%	0.039%
37	16.720	2317	2320	2322	rVV3	8306	9346	0.11%	0.011%
38	16.761	2322	2327	2333	rVV7	16301	37197	0.43%	0.044%
39	16.820	2333	2337	2344	rVB8	10150	17863	0.21%	0.021%
40	16.884	2344	2348	2351	rBV6	6803	10050	0.12%	0.012%
41	17.102	2377	2385	2389	rVV	48074	70391	0.81%	0.083%
42	17.154	2389	2394	2403	rVB9	20720	41728	0.48%	0.049%
43	17.254	2405	2411	2418	rVB10	8302	16086	0.19%	0.019%
44	17.354	2418	2428	2438	rBV2	1479354	2263709	26.04%	2.675%
45	17.454	2438	2445	2454	rVV2	2382691	3507667	40.34%	4.145%
46	17.636	2473	2476	2480	rVB6	6406	8752	0.10%	0.010%
47	17.748	2491	2495	2500	rBV6	5386	10138	0.12%	0.012%
48	17.836	2507	2510	2514	rBV6	16418	21873	0.25%	0.026%
49	18.012	2536	2540	2543	rVB5	5826	9827	0.11%	0.012%
50	18.124	2552	2559	2564	rBV7	18074	39214	0.45%	0.046%
51	18.236	2572	2578	2587	rBV	390387	643917	7.41%	0.761%
52	18.365	2597	2600	2614	rVB	17662	41722	0.48%	0.049%
53	18.529	2624	2628	2632	rBV5	14535	22062	0.25%	0.026%
54	18.594	2634	2639	2642	rBV7	11797	17533	0.20%	0.021%
55	18.653	2645	2649	2656	rVB9	12168	24463	0.28%	0.029%
56	18.894	2687	2690	2693	rBV5	11536	15400	0.18%	0.018%
57	19.152	2730	2734	2738	rVB3	27674	29345	0.34%	0.035%
58	19.199	2739	2742	2745	rBV5	8269	9041	0.10%	0.011%
59	19.311	2756	2761	2764	rBV7	5527	9903	0.11%	0.012%
60	19.375	2765	2772	2789	rBV6	57863	221338	2.55%	0.262%
61	19.505	2789	2794	2809	rBV2	138130	287989	3.31%	0.340%
62	19.622	2811	2814	2822	rVB2	26072	46263	0.53%	0.055%
63	19.734	2824	2833	2847	rBV	2527952	3840438	44.17%	4.539%
64	19.957	2868	2871	2876	rVB7	16863	21980	0.25%	0.026%
65	20.174	2905	2908	2912	rBV6	14879	18532	0.21%	0.022%
66	20.257	2917	2922	2928	rBV	101239	121204	1.39%	0.143%
67	20.580	2975	2977	2981	rBV4	11116	15456	0.18%	0.018%
68	20.744	2999	3005	3016	rBV2	92470	164978	1.90%	0.195%
69	21.056	3055	3058	3064	rBV7	20815	31082	0.36%	0.037%
70	21.244	3084	3090	3097	rVB	361088	445552	5.12%	0.527%
71	21.402	3105	3117	3127	rBV	79585	439788	5.06%	0.520%

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72	21.602	3144	3151	3166	rVB	1484553	2372022	27.28%	2.803%
73	21.778	3173	3181	3186	rVB	101122	193947	2.23%	0.229%
74	22.014	3216	3221	3227	rVB5	89942	143928	1.66%	0.170%
75	22.372	3276	3282	3290	rVB	1278330	1989404	22.88%	2.351%
76	22.542	3301	3311	3334	rBV2	969739	2859965	32.89%	3.380%
77	22.742	3338	3345	3348	rBV9	46312	119169	1.37%	0.141%
78	23.012	3380	3391	3419	rBV3	1855040	6816610	78.40%	8.056%
79	23.318	3436	3443	3449	rBV7	97625	306063	3.52%	0.362%
80	23.388	3450	3455	3470	rVB2	195289	447176	5.14%	0.528%
81	23.829	3522	3530	3542	rVB	740135	1599536	18.40%	1.890%
82	24.035	3560	3565	3574	rVB8	32719	61819	0.71%	0.073%
83	24.552	3642	3653	3676	rVB2	1410922	3883698	44.67%	4.590%
84	24.763	3679	3689	3701	rBV2	963525	2674014	30.76%	3.160%
85	25.263	3765	3774	3783	rBV3	133616	368751	4.24%	0.436%
86	25.357	3784	3790	3814	rVV3	56809	301748	3.47%	0.357%
87	25.568	3815	3826	3852	rBV2	792142	3241739	37.29%	3.831%
88	25.850	3867	3874	3885	rBV2	125378	380414	4.38%	0.450%
89	27.166	4090	4098	4111	rVB4	106542	357610	4.11%	0.423%
90	27.936	4221	4229	4243	rVB6	72985	255204	2.94%	0.302%
91	28.764	4360	4370	4383	rVB5	69371	259752	2.99%	0.307%
92	30.128	4589	4602	4620	rBV5	183998	899344	10.34%	1.063%
93	30.480	4644	4662	4680	rBV6	949809	4982432	57.31%	5.888%
94	30.656	4680	4692	4719	rVB9	240009	1467968	16.88%	1.735%
95	31.426	4804	4823	4846	rVB4	1591956	8694236	100.00%	10.275%
96	32.390	4973	4987	5007	rBV4	70928	527288	6.06%	0.623%

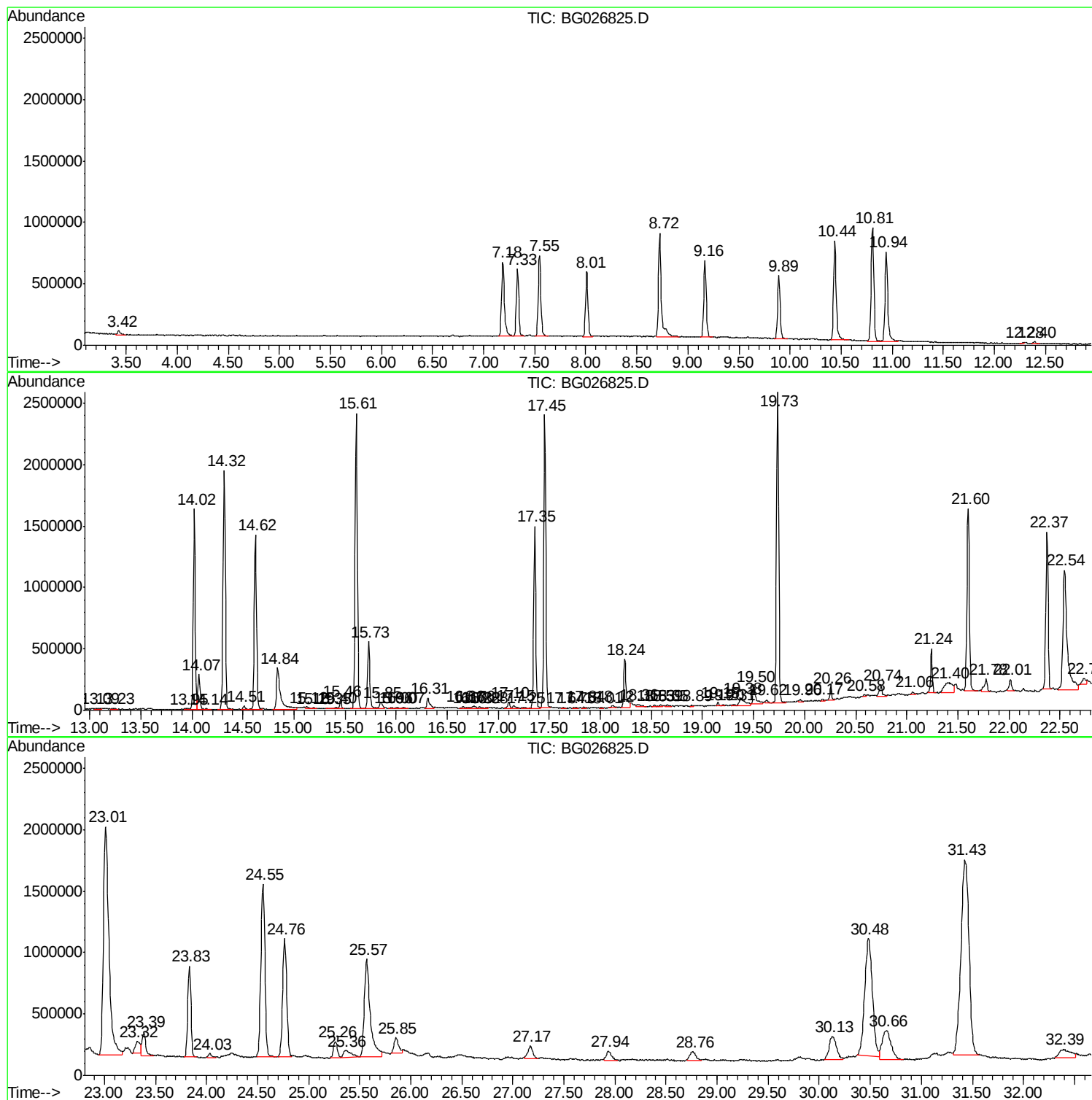
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
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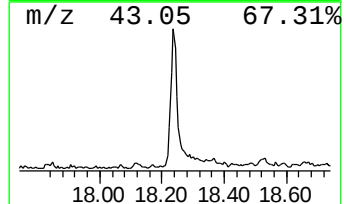
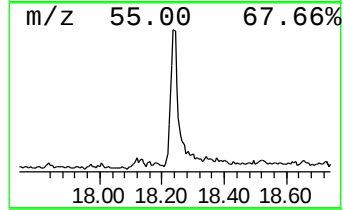
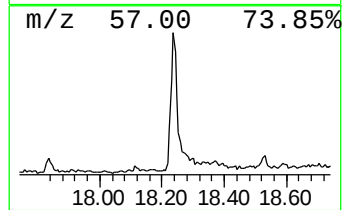
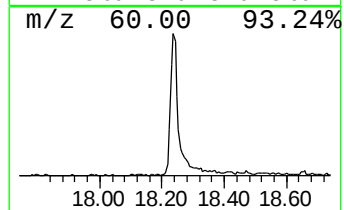
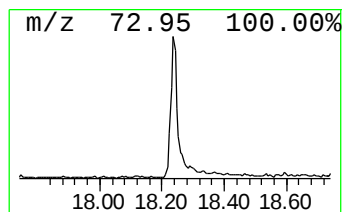
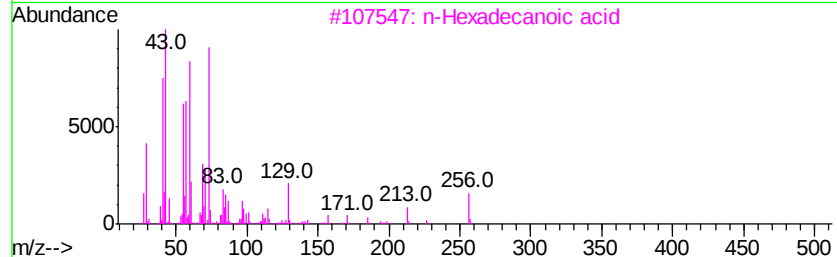
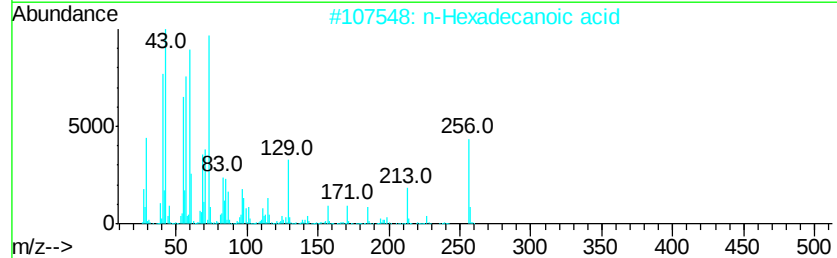
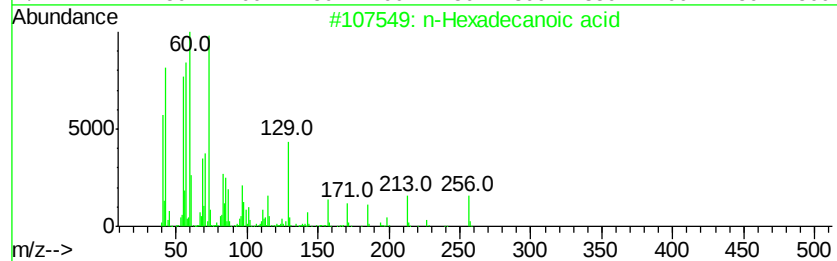
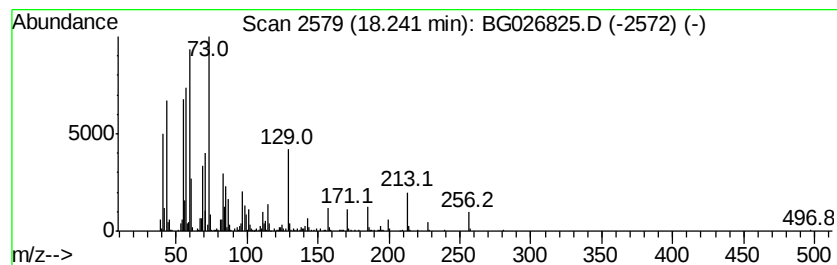
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.69 ng/ul	643917	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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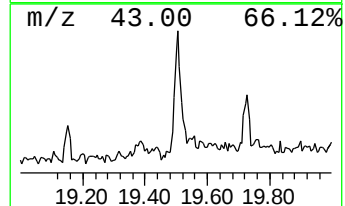
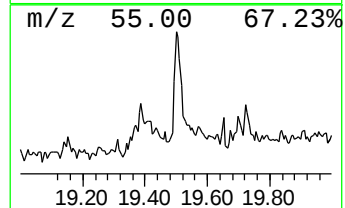
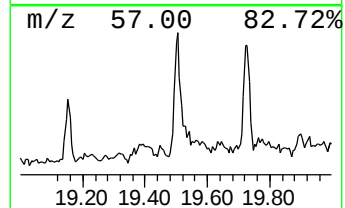
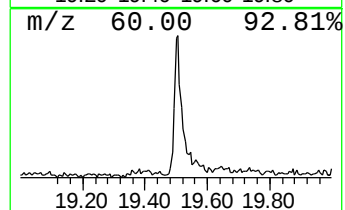
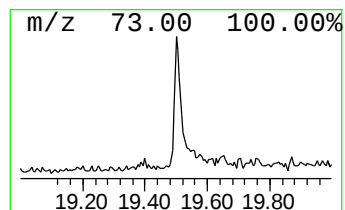
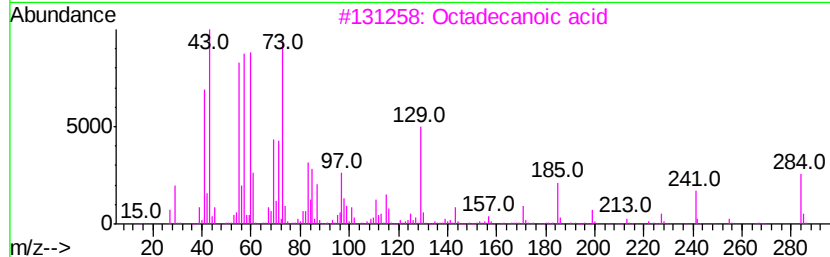
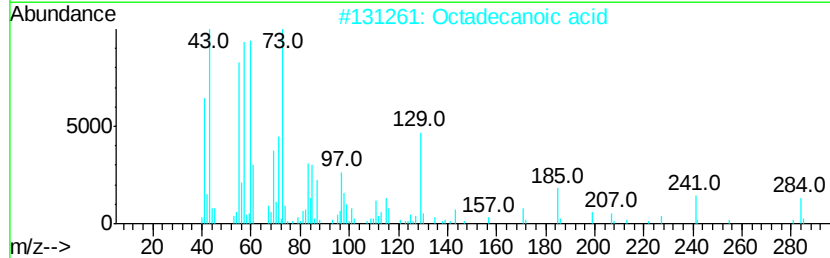
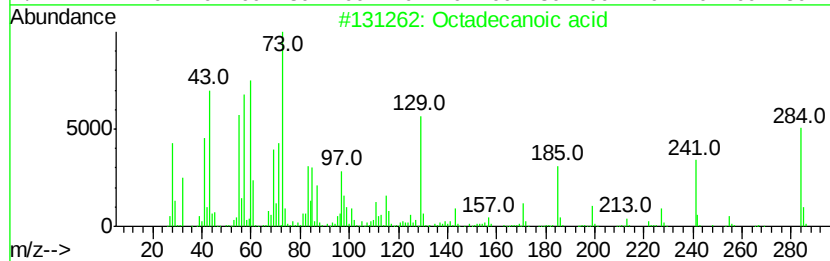
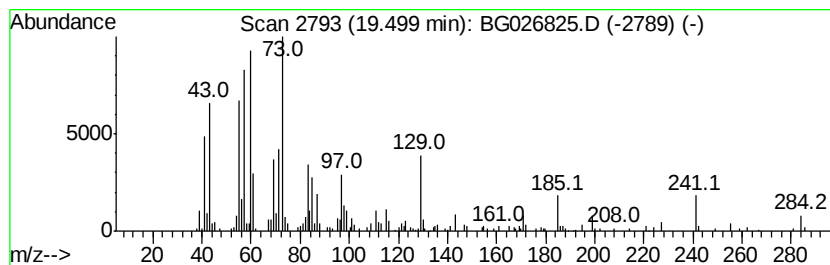
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.43 ng/ul	287989	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	96
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



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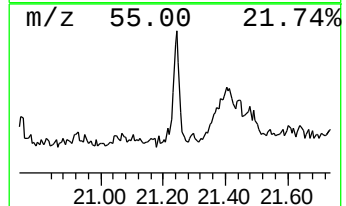
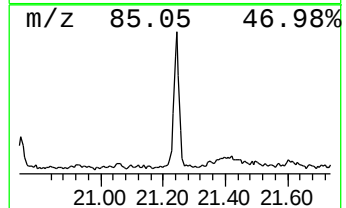
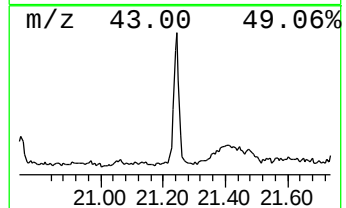
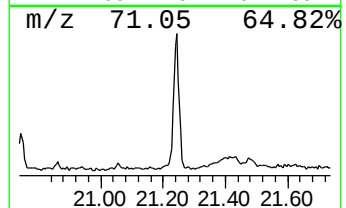
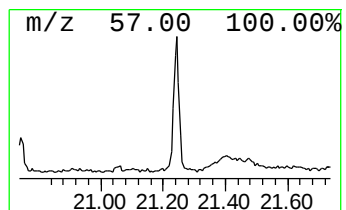
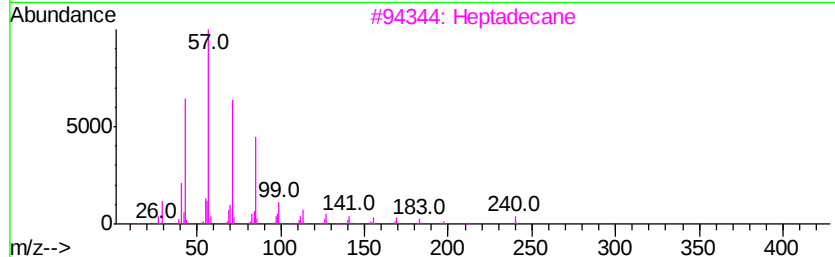
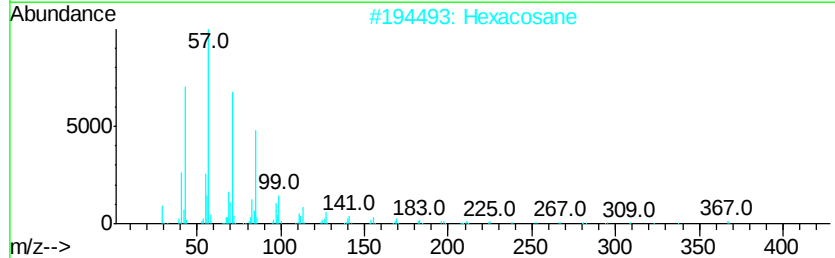
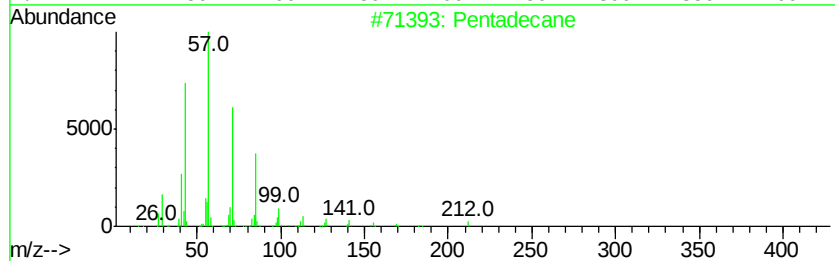
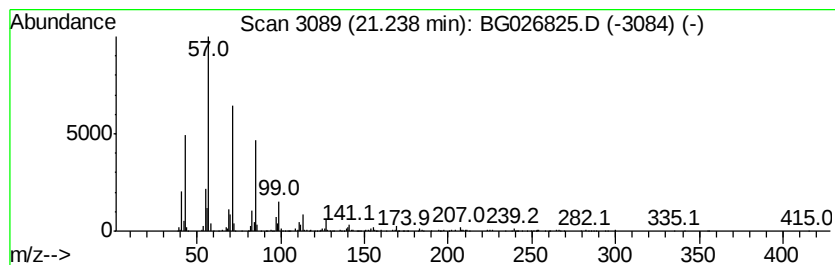
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	3.76 ng/ul	445552	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Heneicosane	296	C21H44	000629-94-7	90



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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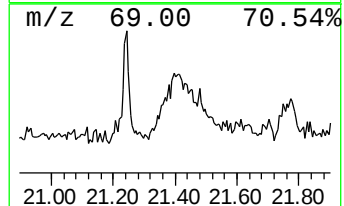
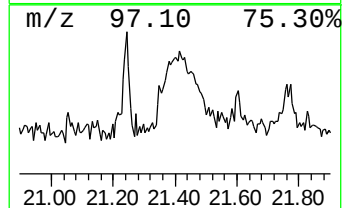
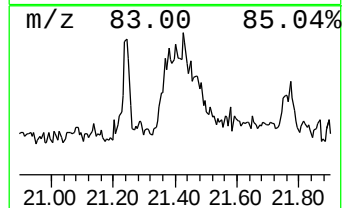
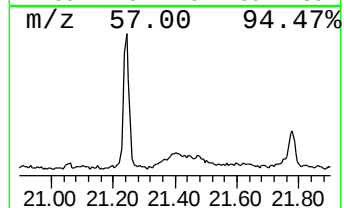
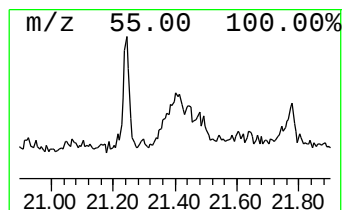
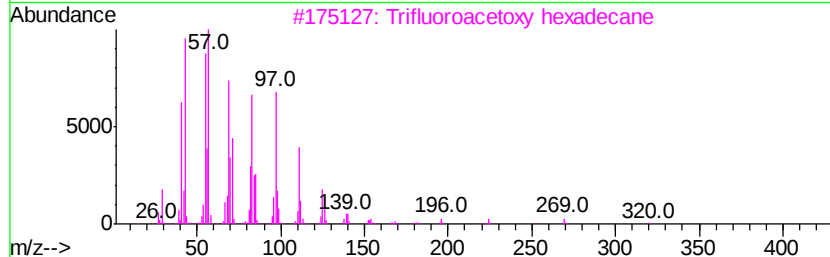
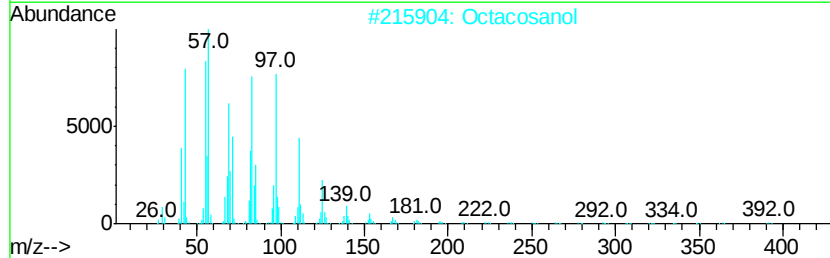
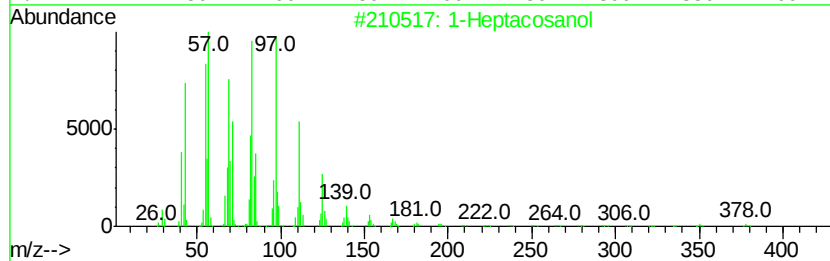
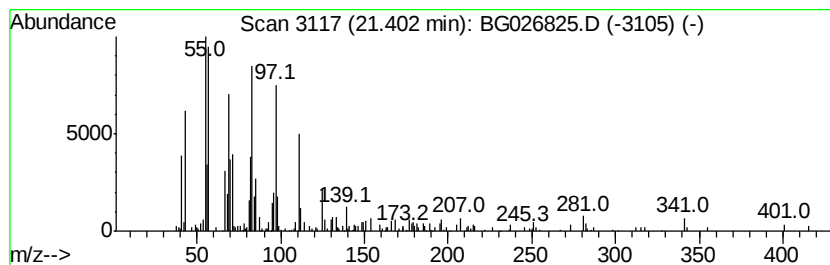
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.71 ng/ul	439788	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	91
2	Octacosanol		410	C28H58O	000557-61-9	91
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	91
4	Octacosyl acetate		452	C30H60O2	018206-97-8	91
5	Heptacosyl acetate		438	C29H58O2	1000351-78-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
Operator : SJ/MA
Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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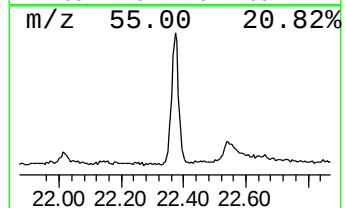
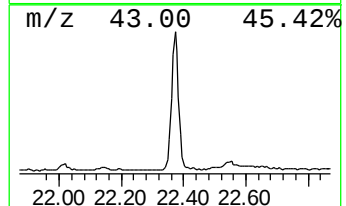
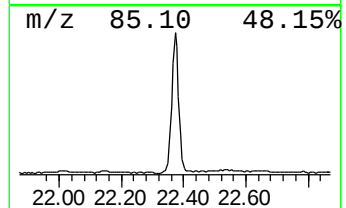
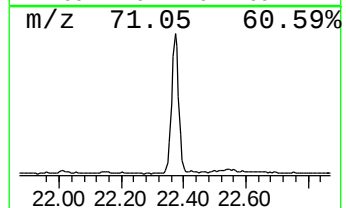
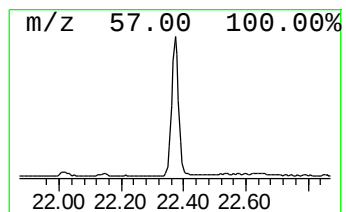
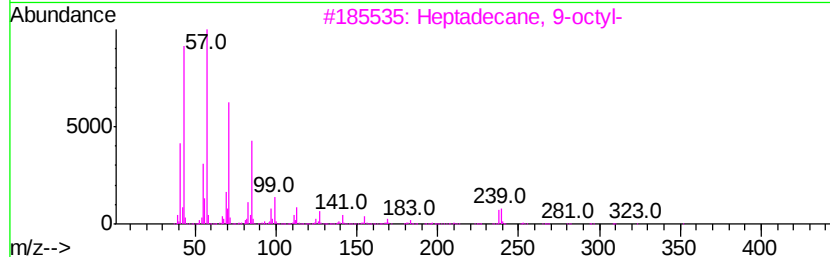
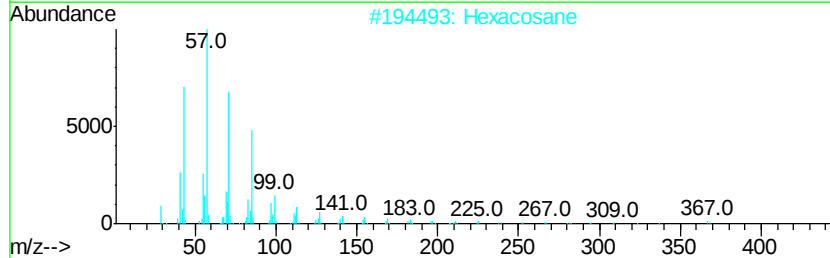
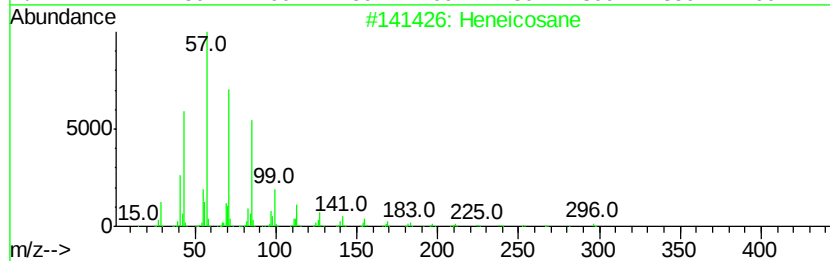
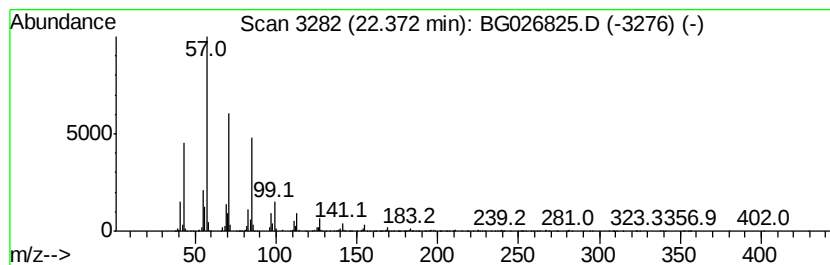
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	16.77 ng/ul	1989400	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
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Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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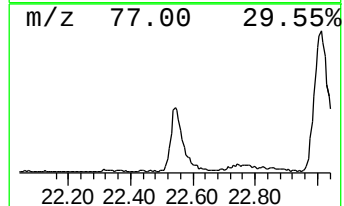
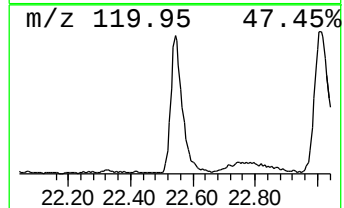
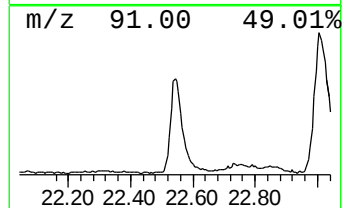
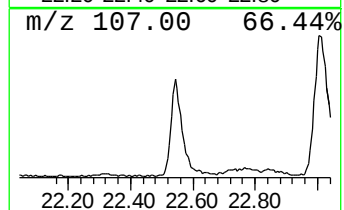
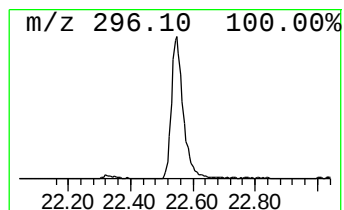
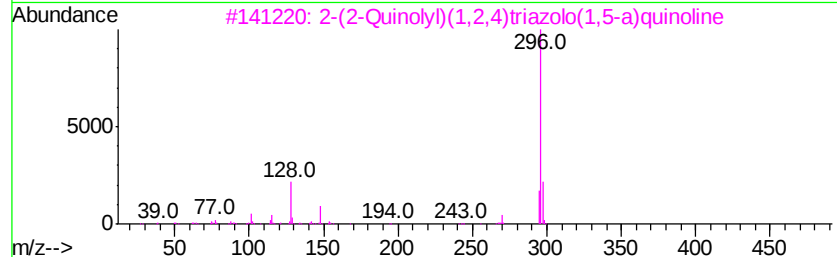
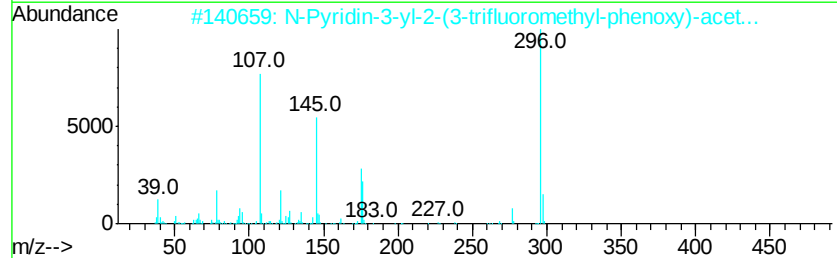
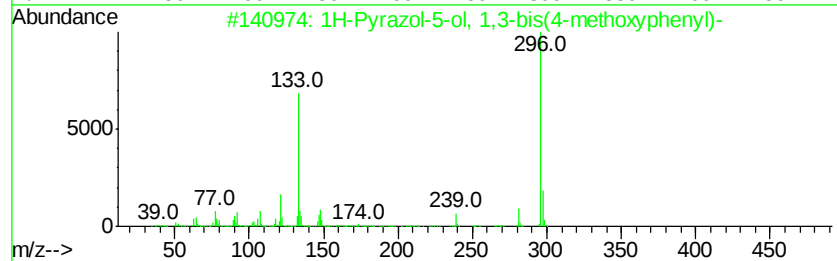
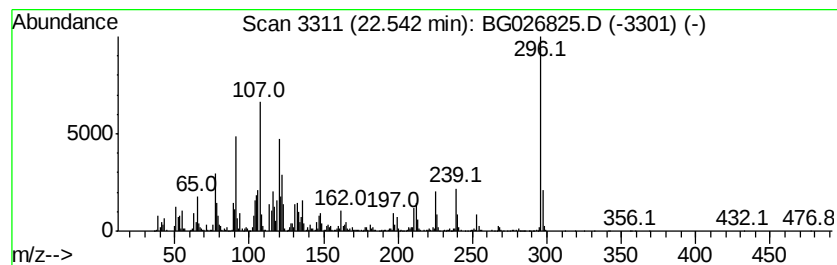
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	24.11 ng/ul	2859970	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrazol-5-ol, 1,3-bis(4-metho...	296	C17H16N2O3	1000337-80-1	42
2		N-Pyridin-3-yl-2-(3-trifluoromet...	296	C14H11F3N2O2	1000274-60-6	35
3		2-(2-Quinolyl)(1,2,4)triazolo(1,...	296	C19H12N4	1000241-15-8	30
4		Pyrazol-5(4H)-one, 4-(2-fluoroph...	296	C16H13FN4O	125910-81-8	22
5		Benzeneacetaldehyde, .alpha.-(5-...	296	C17H12OS2	020365-46-2	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
Operator : SJ/MA
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Misc :
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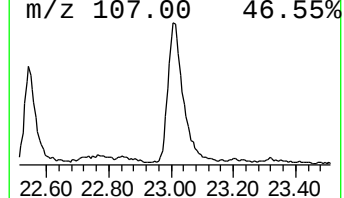
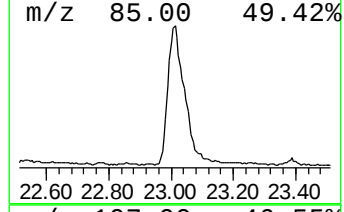
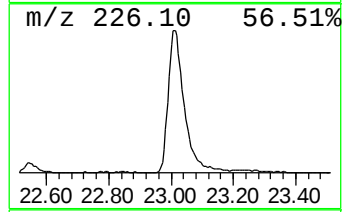
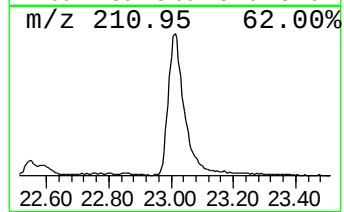
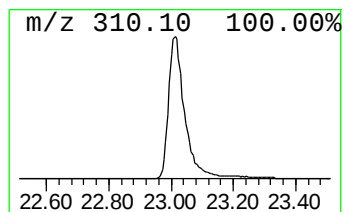
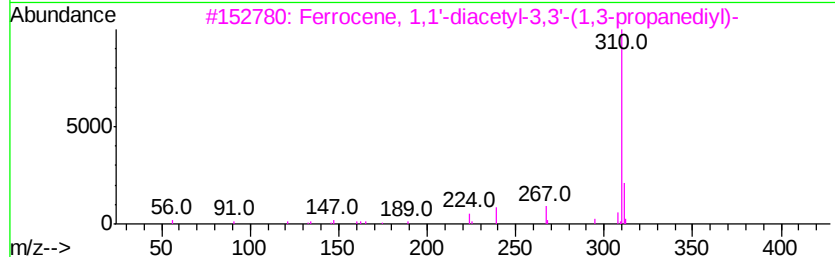
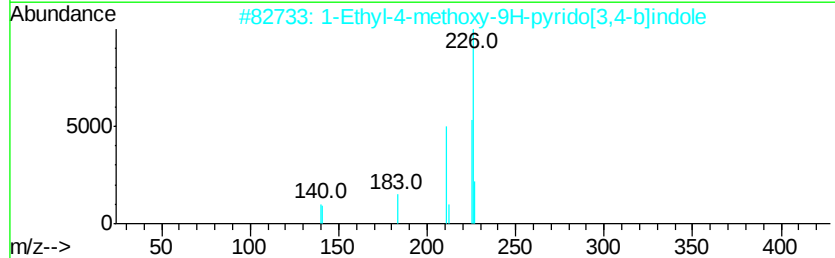
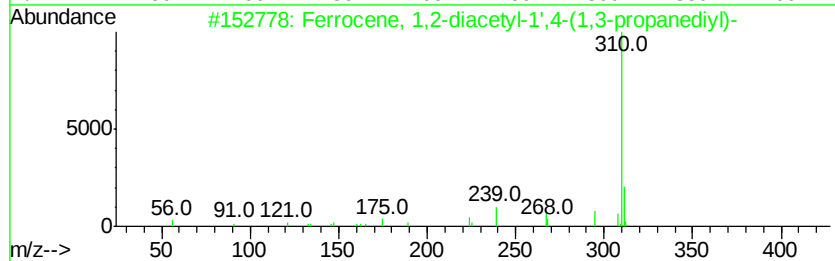
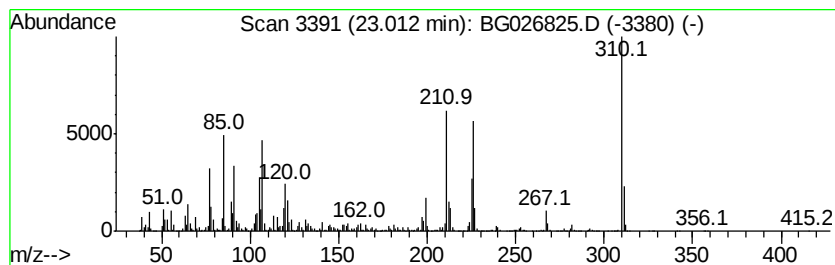
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	57.48 ng/ul	6816610	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ferrocene, 1,2-diacetyl-1',4-(1,...	310	C17H18FeO2	041558-93-4	38
2		1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	38
3		Ferrocene, 1,1'-diacetyl-3,3'-(1...	310	C17H18FeO2	041558-92-3	38
4		Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	30
5		Ferrocene, 1,1'-diacetyl-2,2'-(1...	310	C17H18FeO2	041558-91-2	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
Operator : SJ/MA
Sample : I2867-11
Misc :
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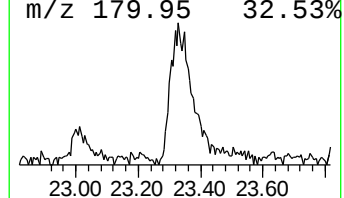
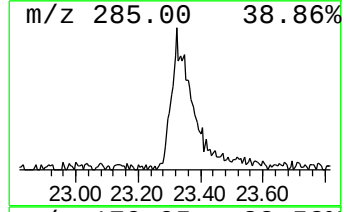
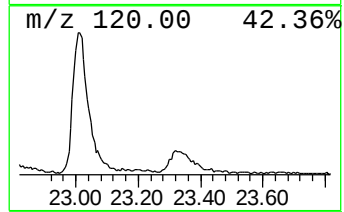
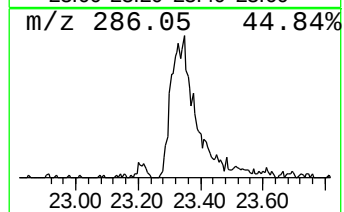
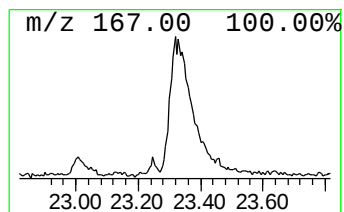
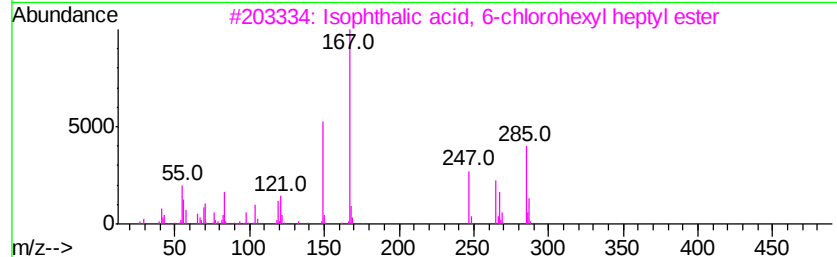
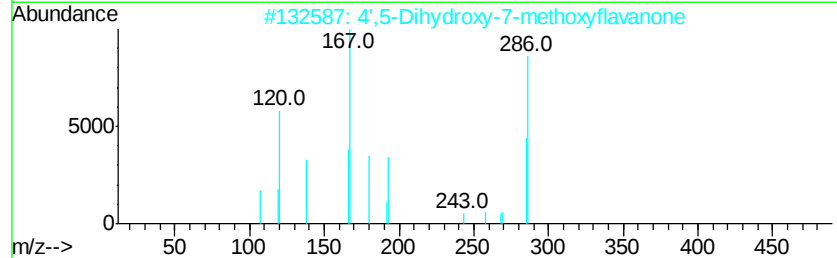
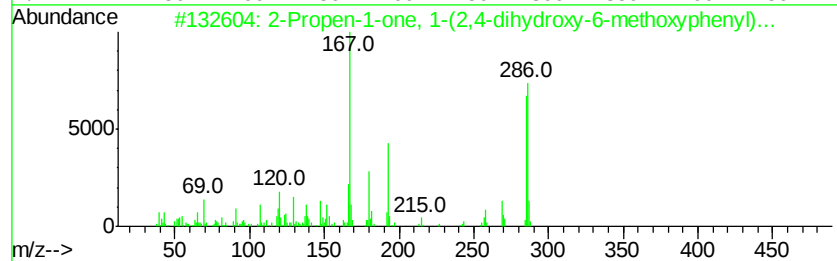
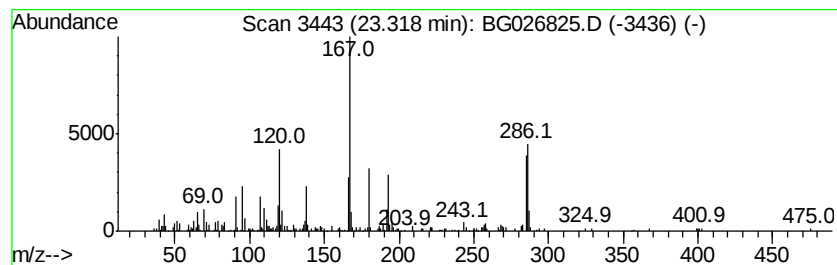
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2-Propen-1-one, 1-(2,4-dihydroxy-6-methoxyphenyl) Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.			
23.32	2.29 ng/ul	306063	Perylene-d12	24.76			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-(2,4-dihydroxy-6-methoxyphenyl)-	286	C16H14O5	069707-17-1	81		
2	4',5-Dihydroxy-7-methoxyflavanone	286	C16H14O5	000520-29-6	64		
3	Isophthalic acid, 6-chlorohexyl ...	382	C21H31ClO4	1000345-88-3	25		
4	Acetamide, 2-phenyl-N-[5-(2-furyl)-2-methyl-1H-imidazol-4-yl]-	285	C14H11N3O2S	313965-06-9	16		
5	1,3-Benzodioxole, 5-nitro-	167	C7H5NO4	002620-44-2	14		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
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Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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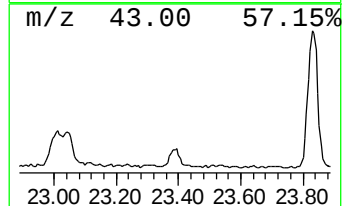
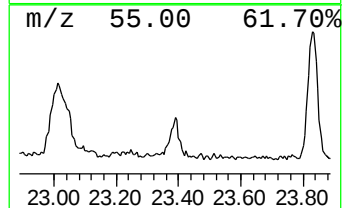
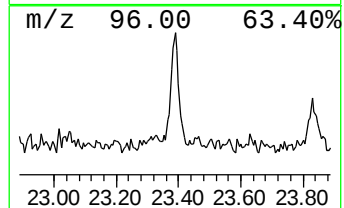
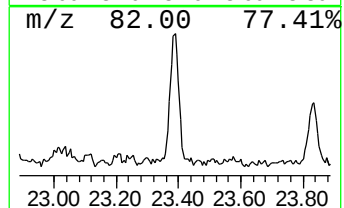
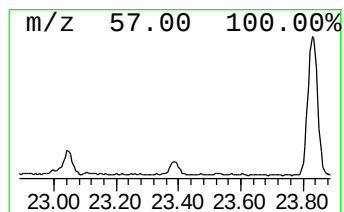
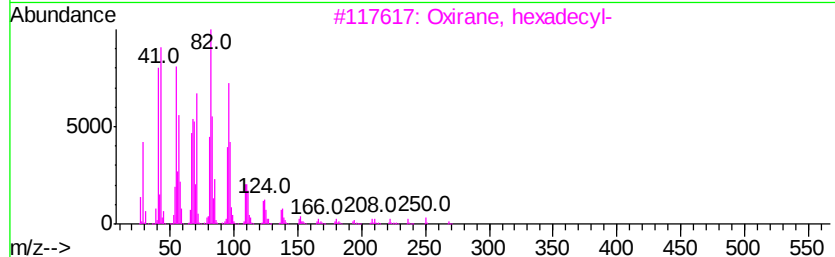
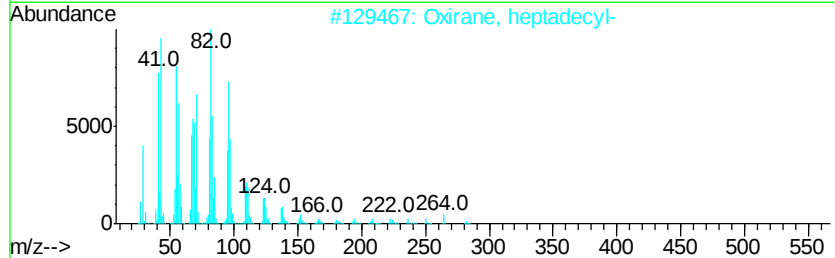
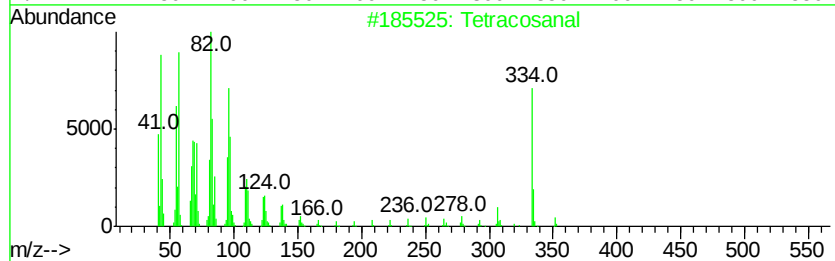
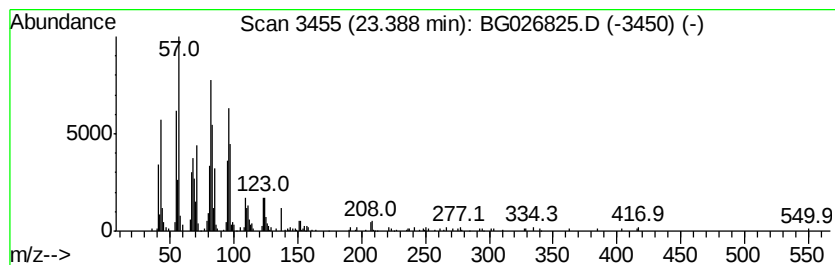
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tetracosanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.34 ng/ul	447176	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanal	352	C24H48O	057866-08-7	90
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
4		1,19-Eicosadiene	278	C20H38	014811-95-1	68
5		1,19-Eicosadiene	278	C20H38	014811-95-1	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
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Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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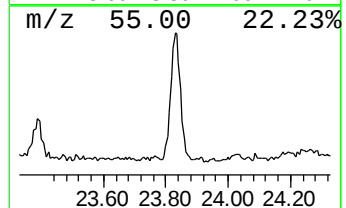
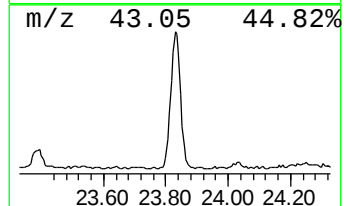
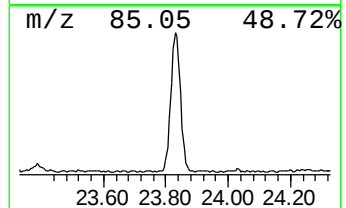
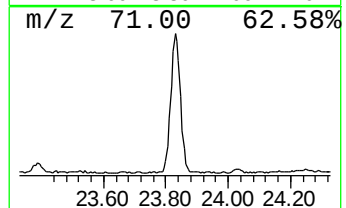
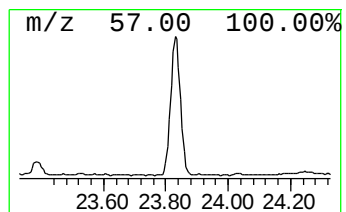
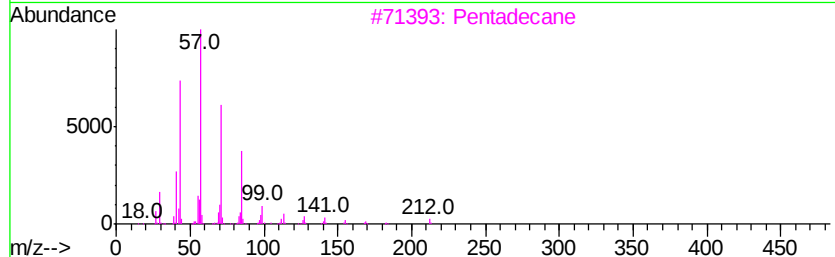
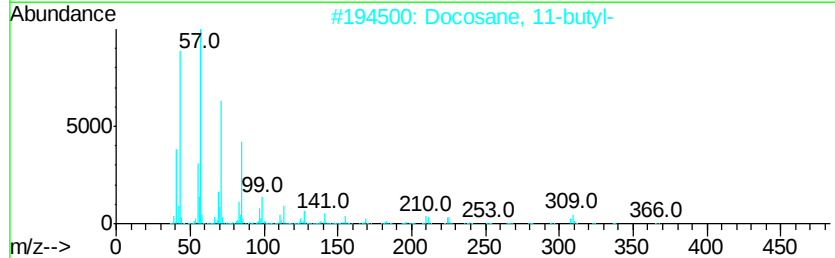
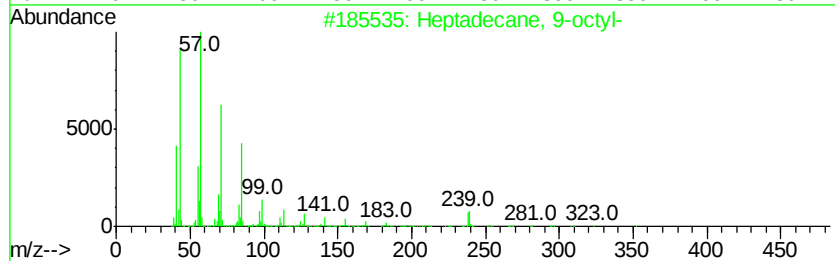
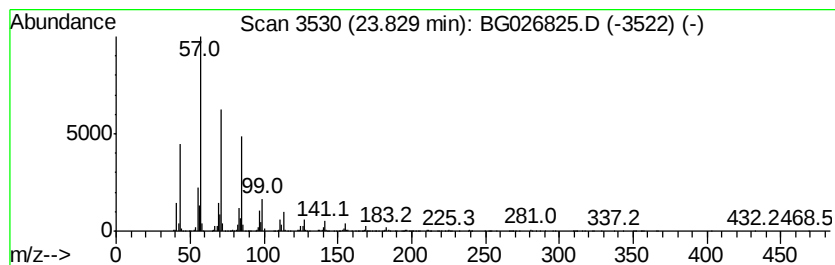
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	11.96 ng/ul	1599540	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3		Pentadecane	212	C15H32	000629-62-9	94
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
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Acq On : 2 May 2017 3:04
Operator : SJ/MA
Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

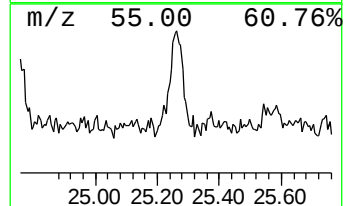
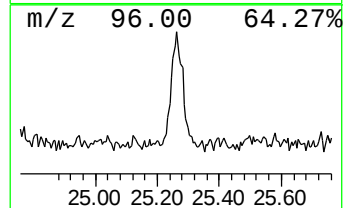
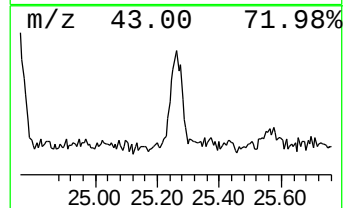
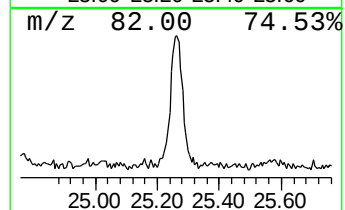
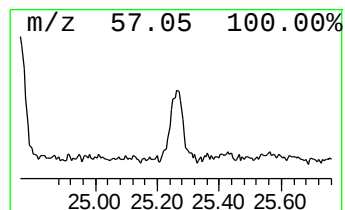
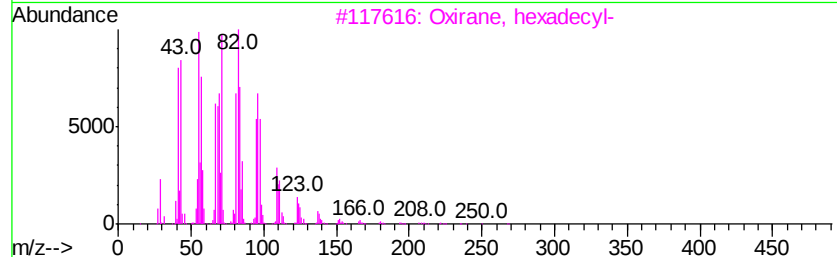
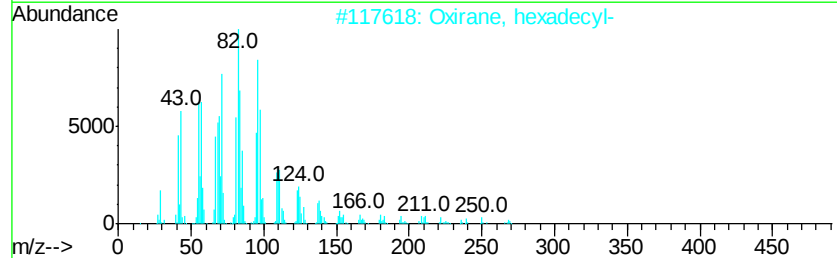
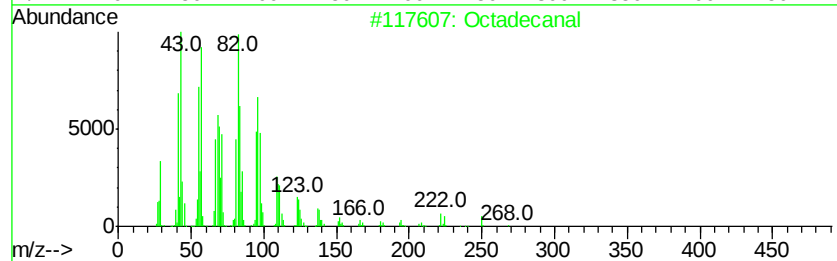
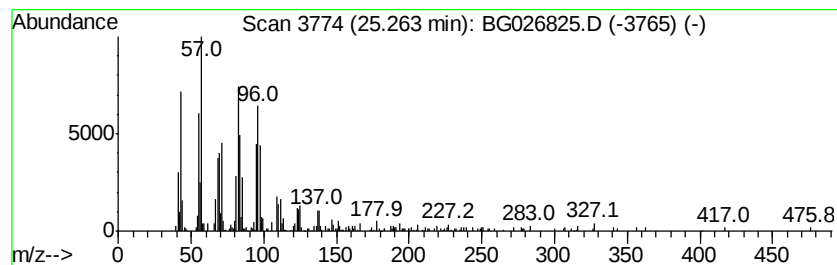
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
25.26	2.76 ng/ul	368751	Perylene-d12		24.76		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	90
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
4			Octadecanal	268	C18H36O	000638-66-4	72
5			1,21-Docosadiene	306	C22H42	053057-53-7	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
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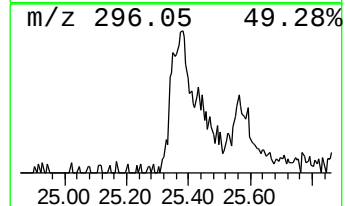
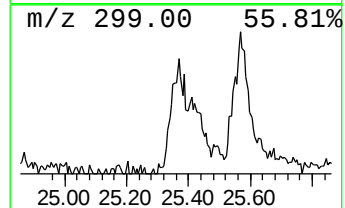
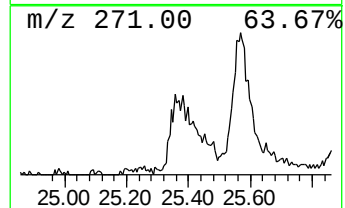
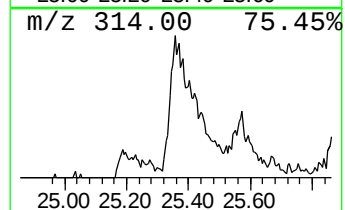
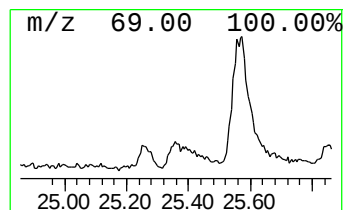
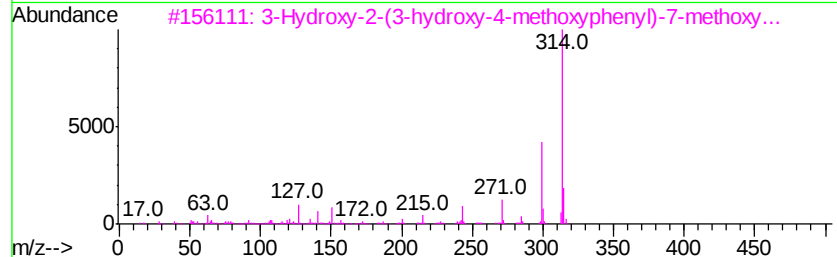
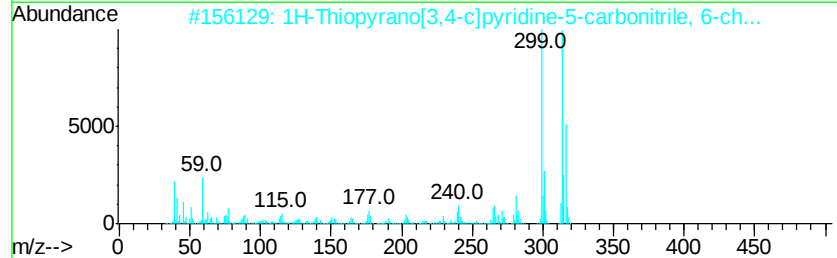
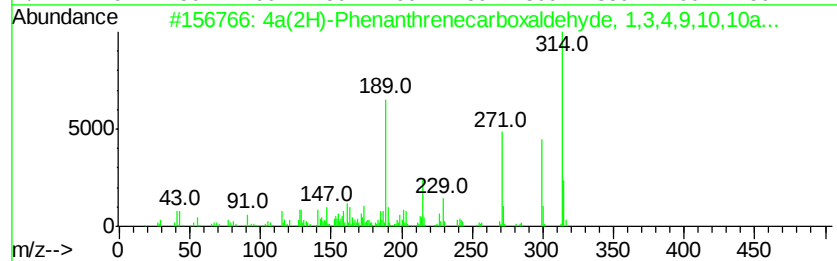
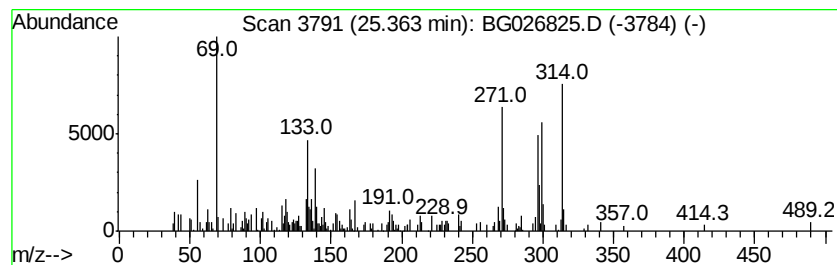
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.36	2.26 ng/ul	301748	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4a(2H)-Phenanthrenecarboxaldehd...	314	C21H30O2	057397-33-8	46
2		1H-Thiopyrano[3,4-c]pyridine-5-c...	314	C17H15ClN2S	138292-24-7	42
3		3-Hydroxy-2-(3-hydroxy-4-methoxy...	314	C17H14O6	002552-72-9	41
4		Pvrene, 1,6-bis(1,1-dimethylethyl)-	314	C24H26	055044-29-6	35
5		Cyclopenta[c]furo[3',2':4,5]furo...	314	C17H14O6	007220-81-7	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
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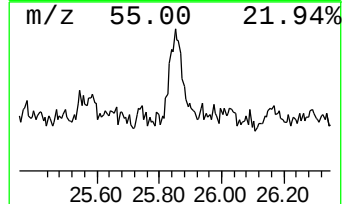
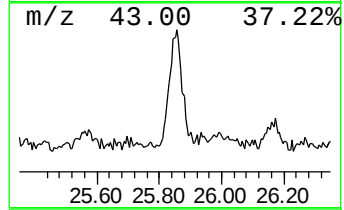
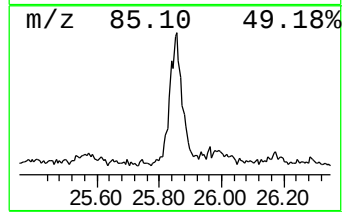
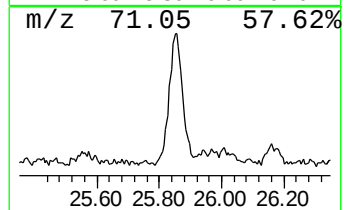
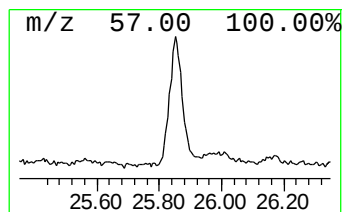
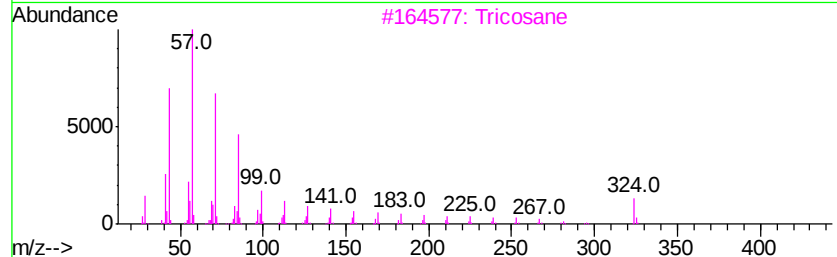
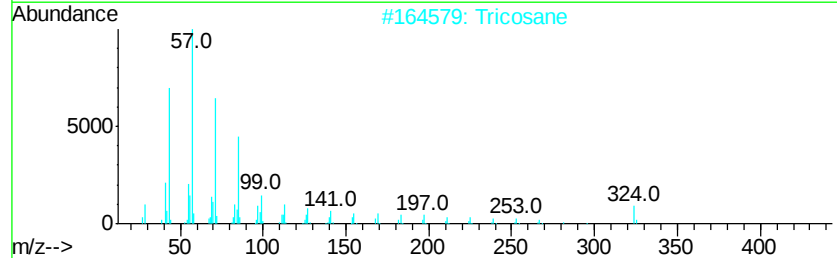
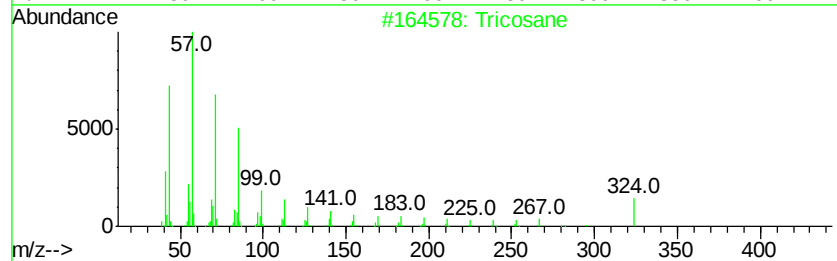
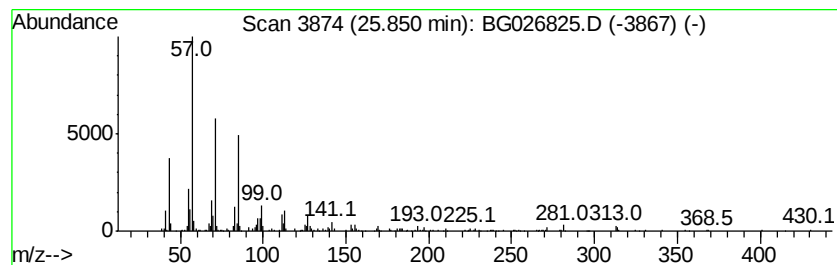
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.85 ng/ul	380414	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane			324	C23H48	000638-67-5	90
2	Tricosane			324	C23H48	000638-67-5	89
3	Tricosane			324	C23H48	000638-67-5	89
4	Tetracosane			338	C24H50	000646-31-1	87
5	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
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Misc :
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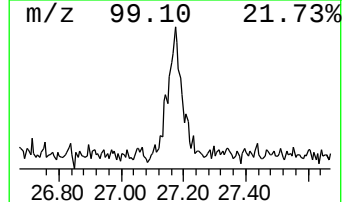
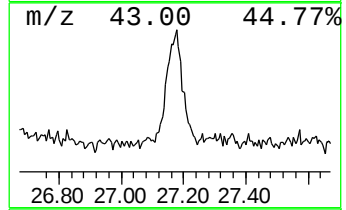
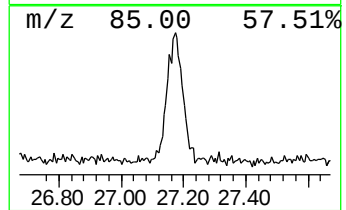
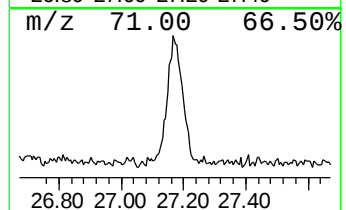
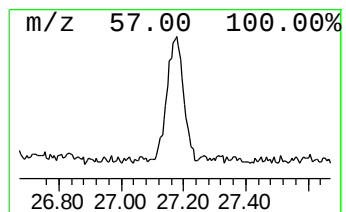
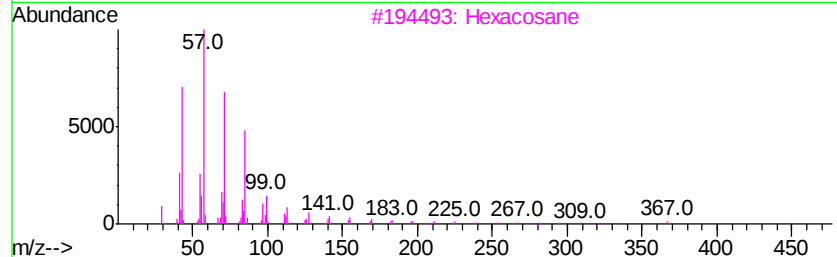
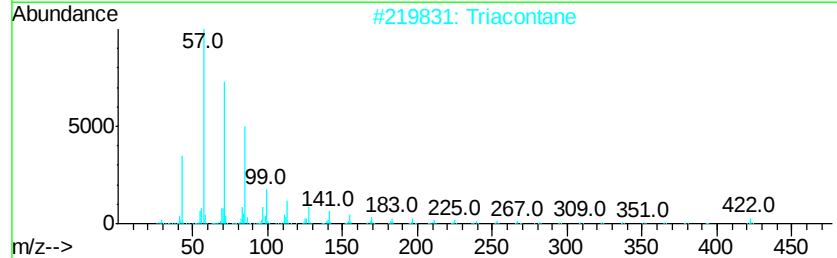
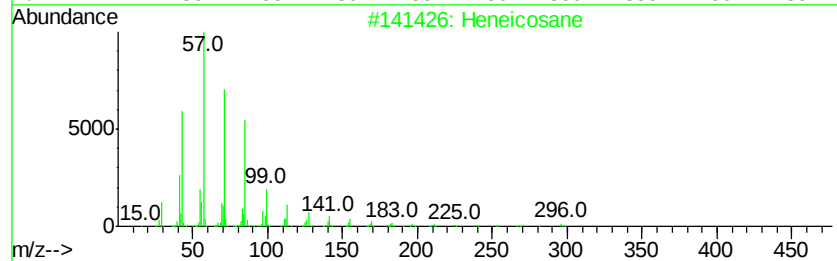
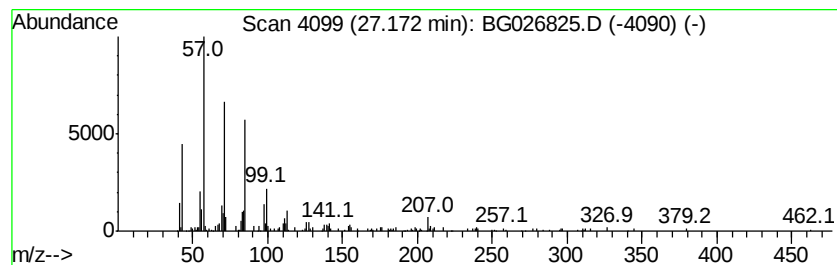
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.67 ng/ul	357610	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Triacontane	422	C30H62	000638-68-6	87
3			Hexacosane	366	C26H54	000630-01-3	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
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ClientSampleId :
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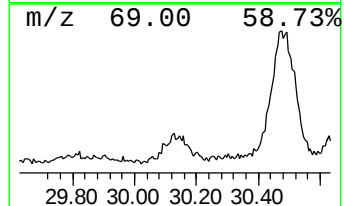
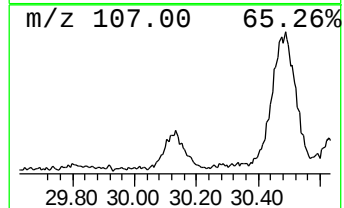
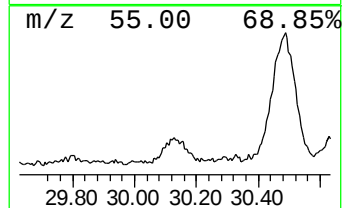
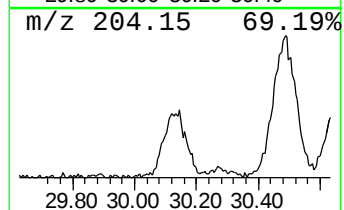
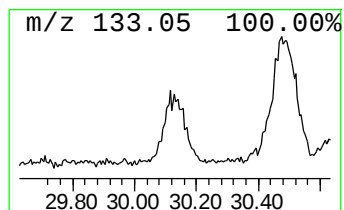
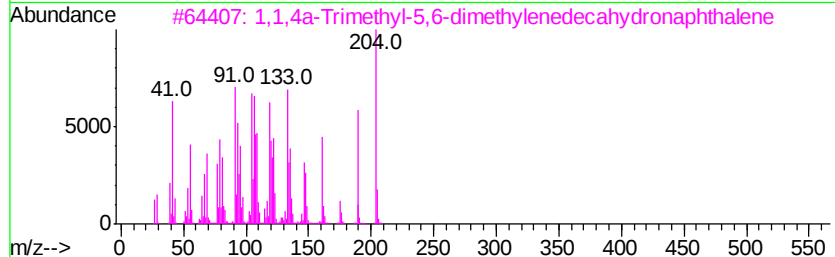
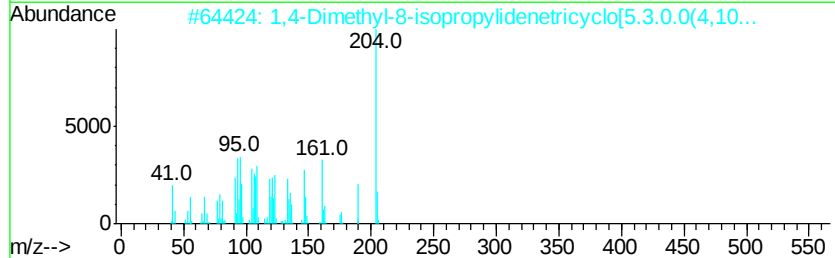
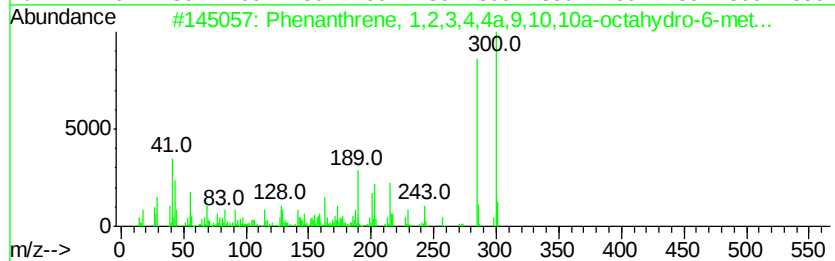
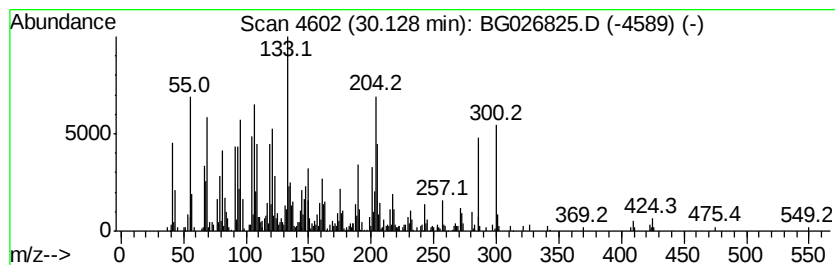
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.13	6.73 ng/ul	899344	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	53
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	35
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35
4		1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	25
5		3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
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Acq On : 2 May 2017 3:04
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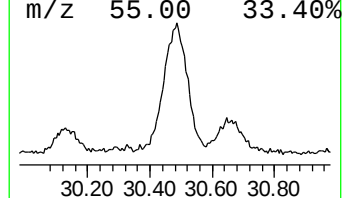
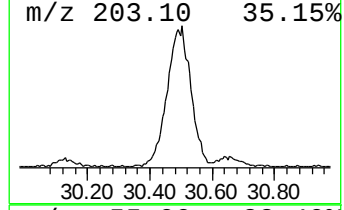
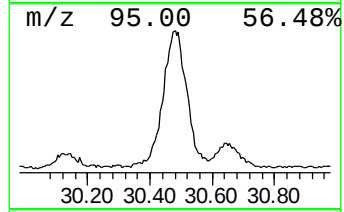
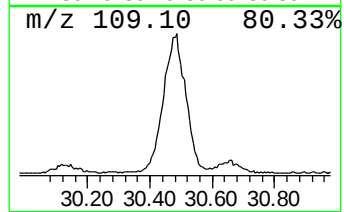
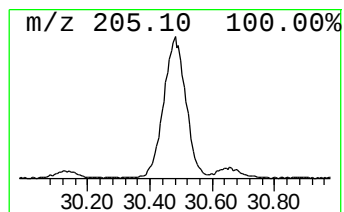
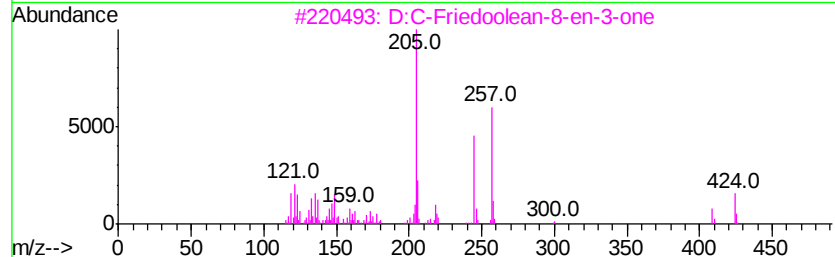
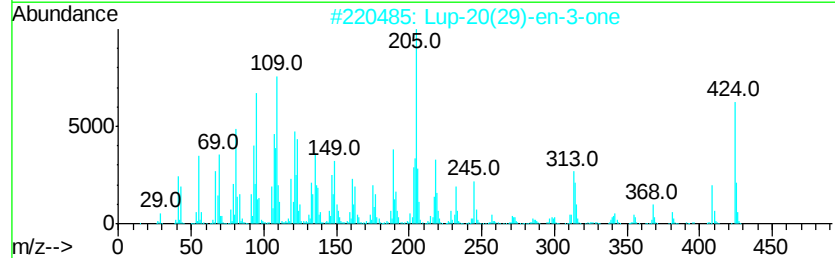
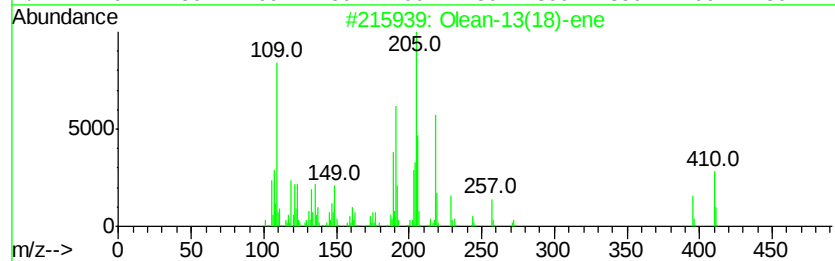
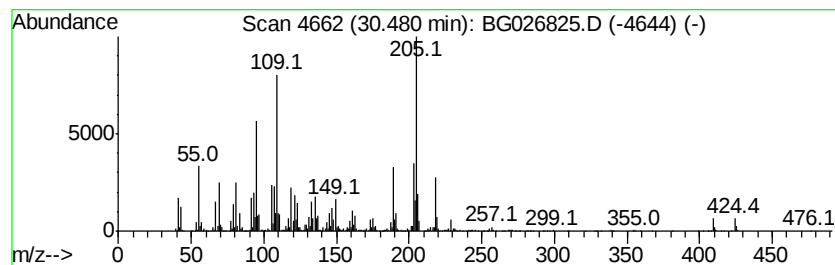
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Olean-13(18)-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.48	37.27 ng/ul	4982430	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Olean-13(18)-ene	410	C30H50	003399-27-7	93
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	87
3		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	30
4		1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	27
5		5-(1H-Pyrrol-3-ylmethylene)-pyri...	205	C9H7N3O3	1000318-16-3	25



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Acq On : 2 May 2017 3:04
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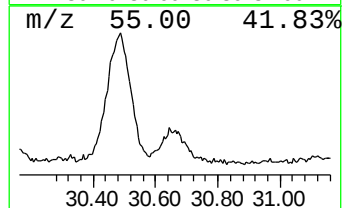
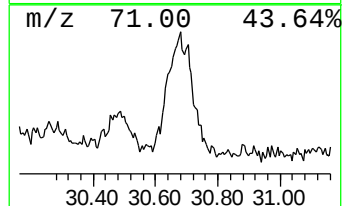
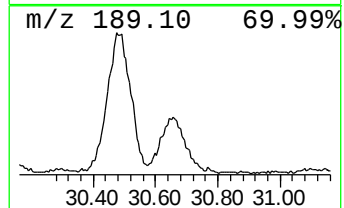
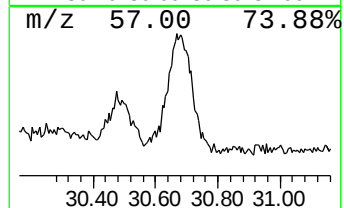
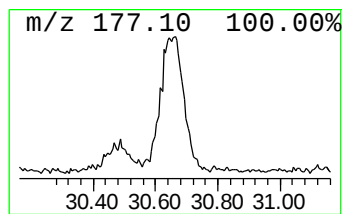
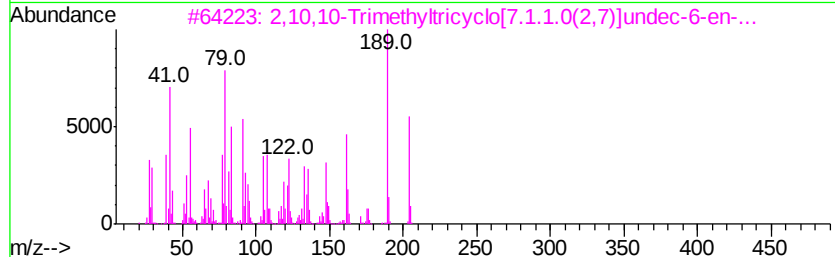
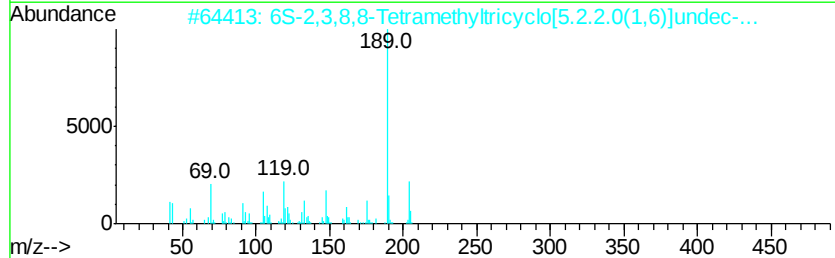
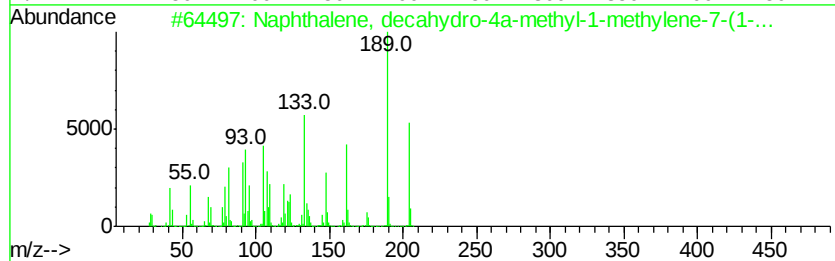
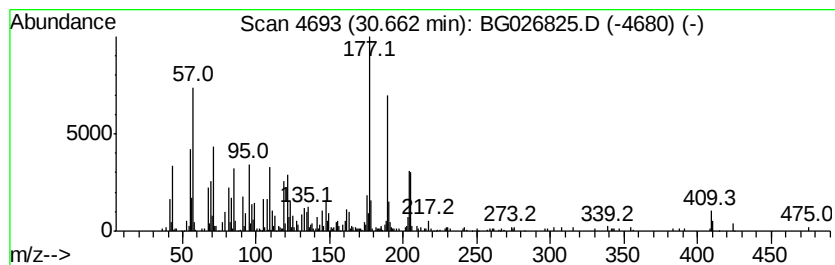
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.66	10.98 ng/ul	1467970	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	41
2		6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	35
3		2,10,10-Trimethyltricyclo[7.1.1....	204	C14H200	1000210-81-9	30
4		A'-Neogammacer-22(29)-en-3-one	424	C30H480	025615-11-6	30
5		trans-.beta.-Ionone	192	C13H200	000079-77-6	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
Operator : SJ/MA
Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

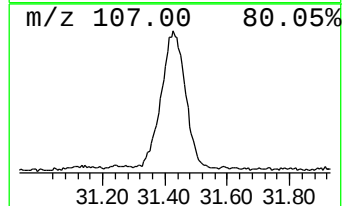
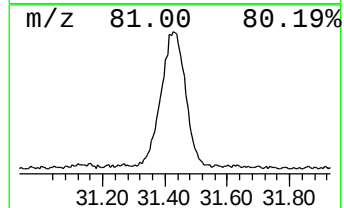
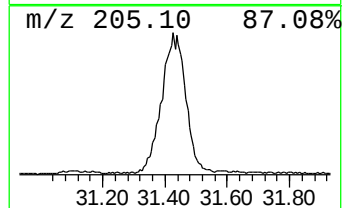
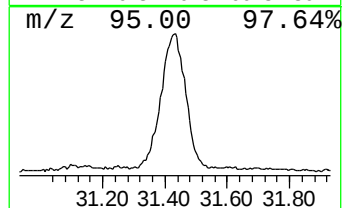
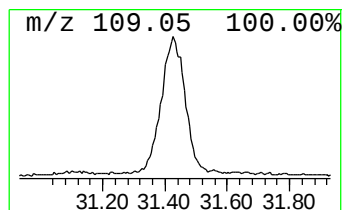
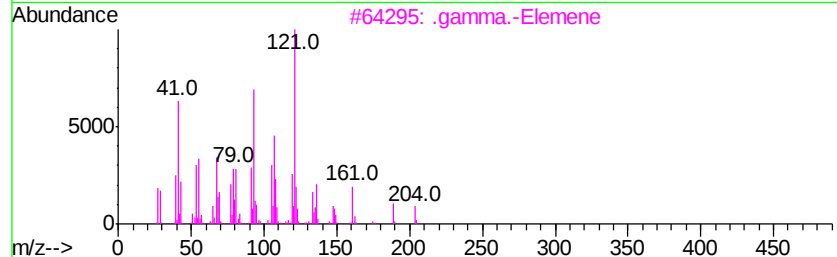
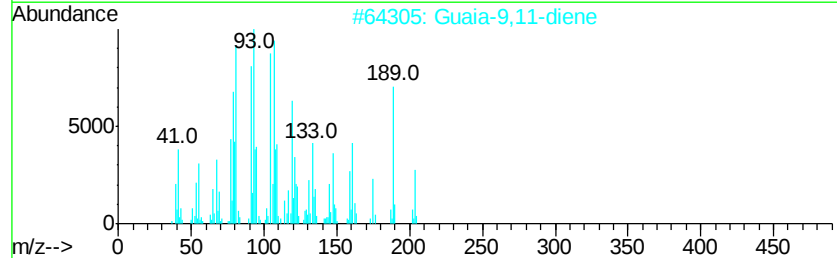
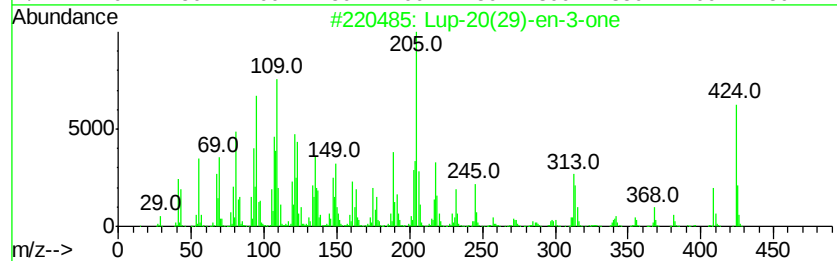
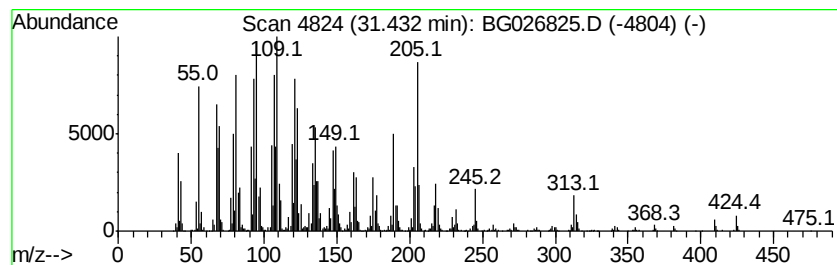
Instrument :
BNA_G
ClientSampleId :
JHT76

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 19 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.43	65.03 ng/ul	8694240	Perylene-d12	24.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 72
2		Guaia-9,11-diene	204 C15H24	1000374-19-8 60
3		.gamma.-Elemene	204 C15H24	029873-99-2 44
4		.gamma.-Elemene	204 C15H24	029873-99-2 44
5		Cyclohexane, 1-ethenyl-1-methyl-...	204 C15H24	003242-08-8 42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026825.D
Acq On : 2 May 2017 3:04
Operator : SJ/MA
Sample : I2867-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT76

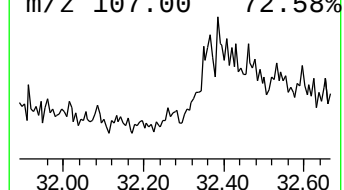
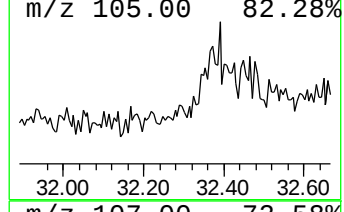
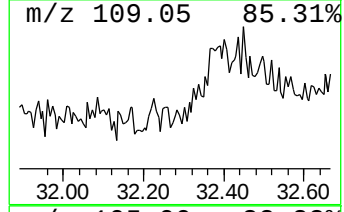
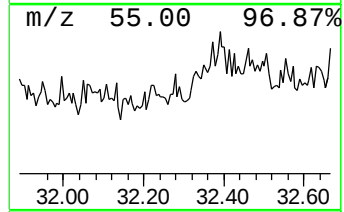
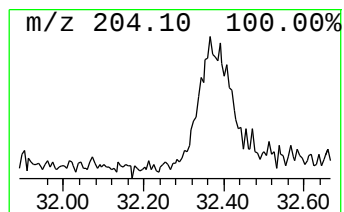
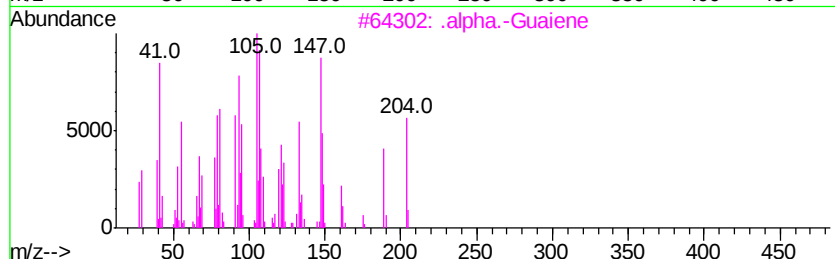
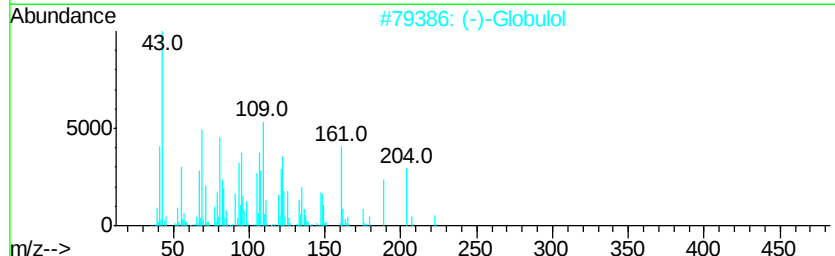
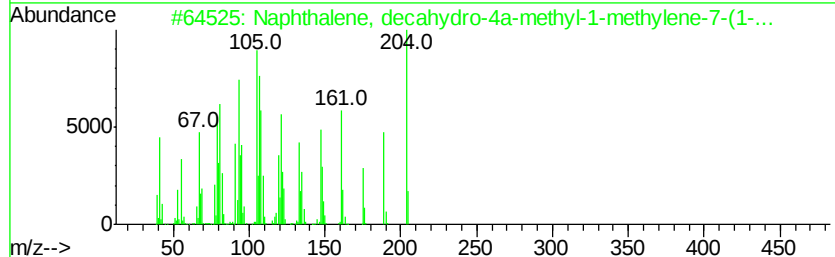
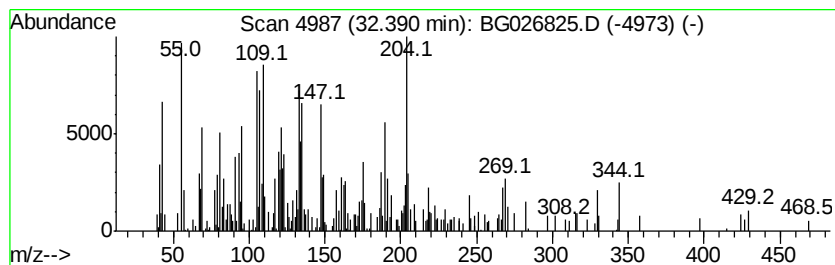
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.39	3.94 ng/ul	527288	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	49
2		(-)-Globulol	222	C15H26O	000489-41-8	43
3		.alpha.-Guaiene	204	C15H24	003691-12-1	42
4		3-Isopropenyl-trans-8a-methyl-6-...	222	C14H22O2	013567-75-4	38
5		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
 Data File : BG026825.D
 Acq On : 2 May 2017 3:04
 Operator : SJ/MA
 Sample : I2867-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT76

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	5.7	ng/ul	643917	4	17.35	2263710	20.0
Octadecanoic acid	19.50	2.4	ng/ul	287989	5	21.60	2372020	20.0
(DEL) Alkane: Str...	21.24	3.8	ng/ul	445552	5	21.60	2372020	20.0
1-Heptacosanol	21.40	3.7	ng/ul	439788	5	21.60	2372020	20.0
(DEL) Alkane: Str...	22.37	16.8	ng/ul	1989400	5	21.60	2372020	20.0
unknown-01	22.54	24.1	ng/ul	2859970	5	21.60	2372020	20.0
unknown-02	23.01	57.5	ng/ul	6816610	5	21.60	2372020	20.0
2-Propen-1-one, 1...	23.32	2.3	ng/ul	306063	6	24.76	2674010	20.0
Tetracosanal	23.39	3.3	ng/ul	447176	6	24.76	2674010	20.0
(DEL) Alkane: Str...	23.83	12.0	ng/ul	1599540	6	24.76	2674010	20.0
Octadecanal	25.26	2.8	ng/ul	368751	6	24.76	2674010	20.0
unknown-03	25.36	2.3	ng/ul	301748	6	24.76	2674010	20.0
(DEL) Alkane: Str...	25.85	2.9	ng/ul	380414	6	24.76	2674010	20.0
(DEL) Alkane: Str...	27.17	2.7	ng/ul	357610	6	24.76	2674010	20.0
Phenanthrene, 1,2...	30.13	6.7	ng/ul	899344	6	24.76	2674010	20.0
Olean-13(18)-ene	30.48	37.3	ng/ul	4982430	6	24.76	2674010	20.0
unknown-04	30.66	11.0	ng/ul	1467970	6	24.76	2674010	20.0
Lup-20(29)-en-3-one	31.43	65.0	ng/ul	8694240	6	24.76	2674010	20.0
unknown-05	32.39	3.9	ng/ul	527288	6	24.76	2674010	20.0