

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027549.D
 Acq On : 20 Jun 2017 4:15
 Operator : SJ/MA
 Sample : I3625-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A83

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-BG061617.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	4.079	27	32	40	rVB2	6672	11549	1.00%	0.074%
2	4.343	71	77	79	rBV3	1062	1858	0.16%	0.012%
3	5.965	345	353	355	rBV4	1241	2551	0.22%	0.016%
4	6.605	458	462	466	rBV4	1768	3515	0.31%	0.023%
5	6.752	480	487	493	rVB4	1039	2944	0.26%	0.019%
6	7.081	536	543	546	rBV2	706	1566	0.14%	0.010%
7	7.457	599	607	616	rVB4	3982	9194	0.80%	0.059%
8	7.651	631	640	657	rVB	152718	309038	26.84%	1.982%
9	7.828	657	670	683	rBV	117492	212234	18.43%	1.361%
10	8.051	700	708	718	rVB	152090	269809	23.44%	1.731%
11	8.521	777	788	798	rVB	117765	221123	19.21%	1.418%
12	8.826	835	840	846	rBV4	1262	2528	0.22%	0.016%
13	9.191	894	902	915	rBV	200050	367761	31.94%	2.359%
14	9.678	973	985	992	rBV	148619	288853	25.09%	1.853%
15	9.737	992	995	1002	rVB2	7790	12523	1.09%	0.080%
16	10.043	1041	1047	1052	rVB	2163	3587	0.31%	0.023%
17	10.401	1100	1108	1121	rBV	130368	249876	21.70%	1.603%
18	10.595	1135	1141	1145	rBV3	982	2163	0.19%	0.014%
19	10.942	1190	1200	1213	rBV	201990	380467	33.05%	2.441%
20	11.094	1220	1226	1228	rVB4	1192	1618	0.14%	0.010%
21	11.335	1257	1267	1280	rBV	199275	379654	32.98%	2.435%
22	11.459	1280	1288	1305	rVB	185288	373742	32.46%	2.397%
23	12.064	1381	1391	1397	rBV4	2092	4605	0.40%	0.030%
24	12.757	1501	1509	1516	rBV3	2166	4039	0.35%	0.026%
25	12.886	1524	1531	1536	rBV3	2367	4634	0.40%	0.030%
26	13.456	1624	1628	1634	rVB4	2052	3405	0.30%	0.022%
27	13.703	1665	1670	1673	rBV5	1832	2714	0.24%	0.017%
28	13.744	1673	1677	1684	rVB4	2363	3897	0.34%	0.025%
29	13.897	1697	1703	1706	rBV3	2494	3902	0.34%	0.025%
30	13.967	1709	1715	1722	rBV5	1028	2160	0.19%	0.014%
31	14.414	1788	1791	1795	rVB3	1598	2128	0.18%	0.014%
32	14.490	1795	1804	1808	rBV	414299	629484	54.68%	4.038%
33	14.537	1808	1812	1818	rVV	163691	242113	21.03%	1.553%
34	14.578	1818	1819	1828	rVB4	1862	2576	0.22%	0.017%

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35	14.661	1830	1833	1837	rBV3	1361	1965	0.17%	0.013%
36	14.708	1837	1841	1845	rBV2	1746	2170	0.19%	0.014%
37	14.802	1849	1857	1866	rBV	424690	707668	61.47%	4.539%
38	14.954	1877	1883	1891	rVB2	12377	18663	1.62%	0.120%
39	15.025	1891	1895	1898	rBV4	1507	2358	0.20%	0.015%
40	15.101	1901	1908	1916	rBV2	318783	563844	48.97%	3.617%
41	15.160	1916	1918	1925	rVB4	1747	2541	0.22%	0.016%
42	15.272	1926	1937	1954	rBV	137316	274183	23.82%	1.759%
43	15.389	1954	1957	1964	rBV5	1970	4149	0.36%	0.027%
44	15.460	1966	1969	1971	rBV3	1689	2240	0.19%	0.014%
45	15.501	1973	1976	1983	rVB2	3961	7332	0.64%	0.047%
46	15.566	1983	1987	1996	rBV5	3146	7757	0.67%	0.050%
47	15.636	1996	1999	2004	rVV5	2515	3489	0.30%	0.022%
48	15.824	2027	2031	2033	rBV2	1417	1970	0.17%	0.013%
49	15.865	2033	2038	2040	rVV2	2333	3908	0.34%	0.025%
50	15.900	2040	2044	2050	rVB	20453	26227	2.28%	0.168%
51	15.959	2050	2054	2058	rBV3	2561	3821	0.33%	0.025%
52	16.012	2061	2063	2069	rVB5	1857	2604	0.23%	0.017%
53	16.094	2069	2077	2084	rBV	561001	934128	81.14%	5.992%
54	16.194	2088	2094	2102	rVB	161254	259523	22.54%	1.665%
55	16.323	2105	2116	2126	rVB8	5522	20445	1.78%	0.131%
56	16.406	2126	2130	2135	rVV7	2782	4125	0.36%	0.026%
57	16.453	2135	2138	2145	rVB4	2679	4507	0.39%	0.029%
58	16.523	2145	2150	2156	rBV4	3841	5532	0.48%	0.035%
59	16.764	2184	2191	2201	rBV	20976	35205	3.06%	0.226%
60	16.893	2208	2213	2217	rBV5	1391	2479	0.22%	0.016%
61	17.105	2246	2249	2252	rBV2	3176	4281	0.37%	0.027%
62	17.205	2262	2266	2274	rBV7	3137	7357	0.64%	0.047%
63	17.275	2274	2278	2285	rVB5	2051	3552	0.31%	0.023%
64	17.340	2285	2289	2293	rBV4	1911	3757	0.33%	0.024%
65	17.375	2293	2295	2300	rBV5	1127	1864	0.16%	0.012%
66	17.428	2303	2304	2309	rVB5	2573	2939	0.26%	0.019%
67	17.557	2321	2326	2332	rVB	12871	15119	1.31%	0.097%
68	17.716	2350	2353	2360	rVB6	2723	4828	0.42%	0.031%
69	17.857	2368	2377	2387	rBV	417328	714219	62.04%	4.581%
70	17.951	2387	2393	2404	rVB	612955	996442	86.55%	6.392%
71	18.092	2411	2417	2425	rVB6	2430	6124	0.53%	0.039%

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72	18.180	2427	2432	2436	rBV2	1265	2633	0.23%	0.017%
73	18.221	2436	2439	2442	rVB4	1531	1762	0.15%	0.011%
74	18.298	2448	2452	2457	rBV3	5338	7271	0.63%	0.047%
75	18.480	2476	2483	2492	rVB5	3601	7462	0.65%	0.048%
76	18.574	2492	2499	2506	rBV4	5534	10863	0.94%	0.070%
77	18.691	2513	2519	2529	rBV2	86532	144886	12.58%	0.929%
78	18.879	2547	2551	2556	rVB5	4162	5627	0.49%	0.036%
79	18.979	2566	2568	2573	rVB2	3009	2602	0.23%	0.017%
80	19.108	2586	2590	2595	rVB4	4806	6907	0.60%	0.044%
81	19.343	2625	2630	2639	rBV7	2431	6731	0.58%	0.043%
82	19.473	2651	2652	2656	rBV4	1265	1763	0.15%	0.011%
83	19.596	2669	2673	2679	rBV6	2317	6045	0.53%	0.039%
84	19.831	2704	2713	2714	rBV8	10097	21294	1.85%	0.137%
85	19.949	2727	2733	2742	rBV2	42307	76008	6.60%	0.488%
86	20.090	2750	2757	2767	rBV	513498	634199	55.09%	4.068%
87	20.225	2773	2780	2790	rBV	719179	1151295	100.00%	7.385%
88	21.153	2933	2938	2946	rVB	304867	375644	32.63%	2.410%
89	21.265	2954	2957	2961	rVB5	5226	6828	0.59%	0.044%
90	21.782	3040	3045	3054	rBV9	14832	37336	3.24%	0.239%
91	22.228	3112	3121	3140	rBV	452087	949360	82.46%	6.090%
92	23.069	3259	3264	3270	rBV4	14050	28230	2.45%	0.181%
93	23.844	3388	3396	3404	rBV4	77475	177749	15.44%	1.140%
94	24.079	3429	3436	3444	rVB	32149	69704	6.05%	0.447%
95	24.767	3544	3553	3563	rBV3	51539	134837	11.71%	0.865%
96	25.630	3687	3700	3714	rBV2	342595	1129752	98.13%	7.247%
97	25.883	3729	3743	3757	rVB3	255089	1044176	90.70%	6.698%
98	27.152	3947	3959	3971	rVB4	78193	269965	23.45%	1.732%
99	28.697	4210	4222	4240	rVB2	86942	323633	28.11%	2.076%
100	30.583	4530	4543	4566	rVB3	58662	277980	24.14%	1.783%

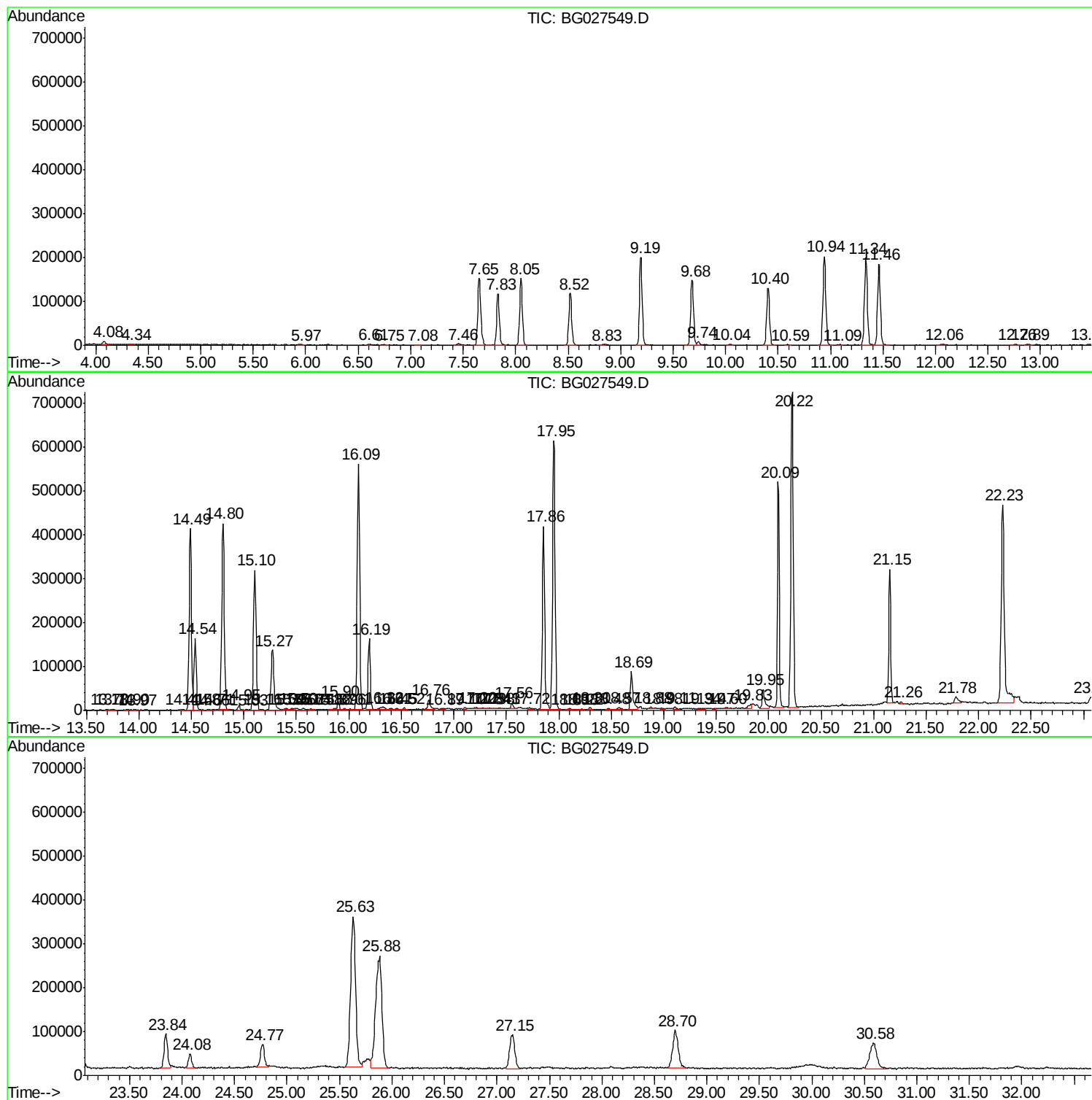
Sum of corrected areas: 15589667

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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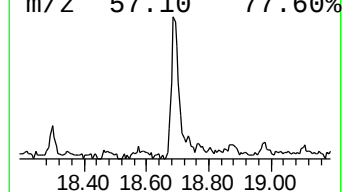
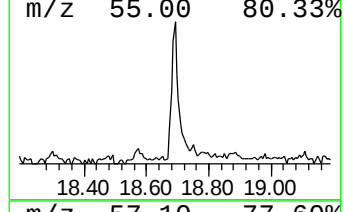
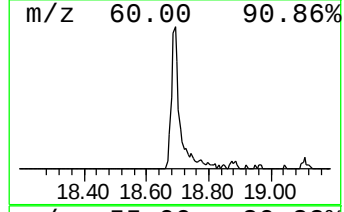
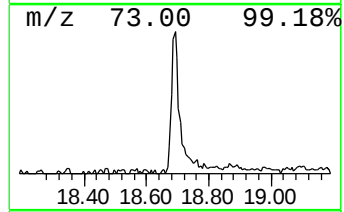
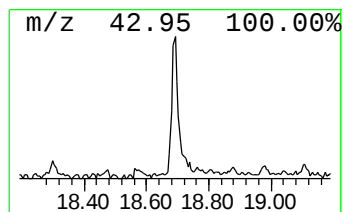
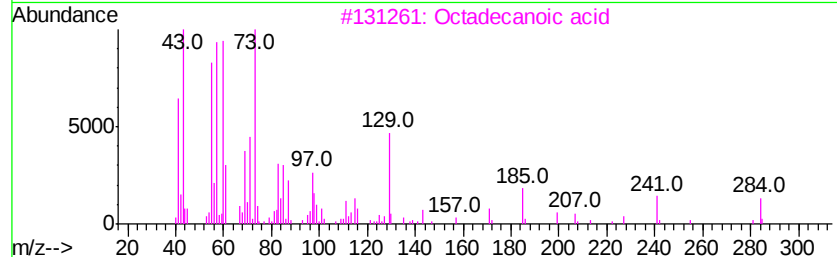
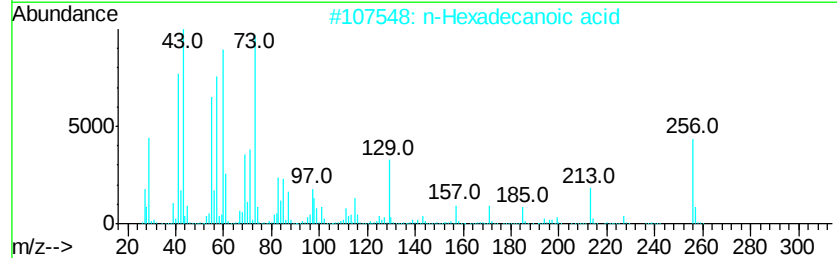
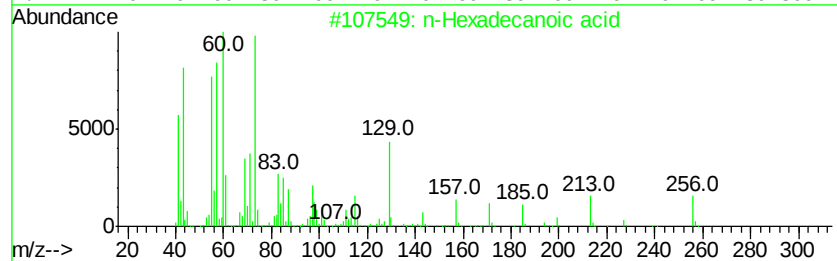
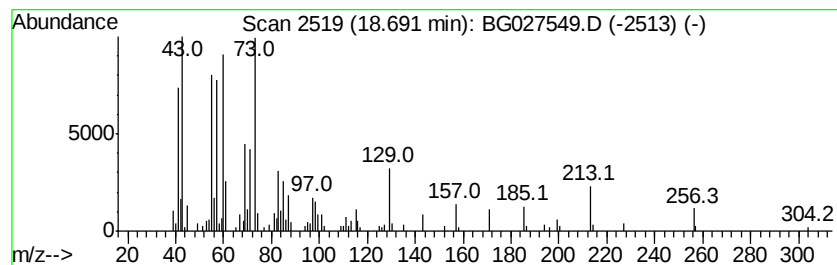
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.		
18.69	4.06 ng/ul	144886	Phenanthrene-d10	17.86		
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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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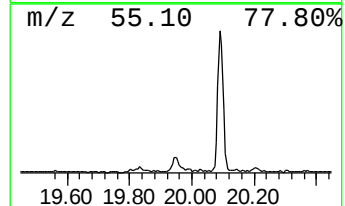
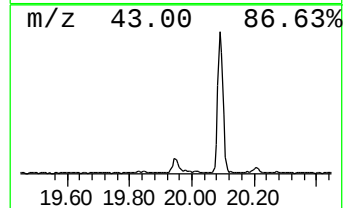
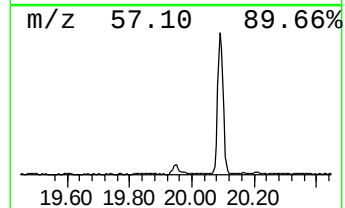
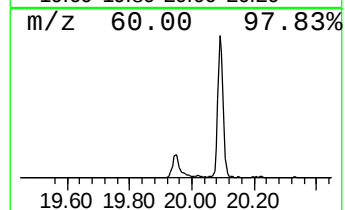
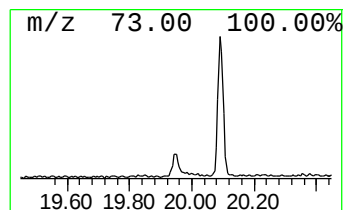
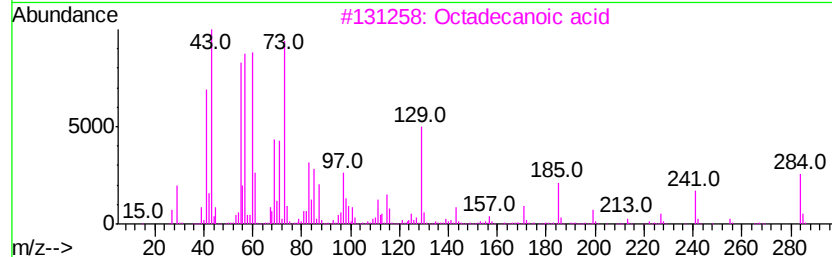
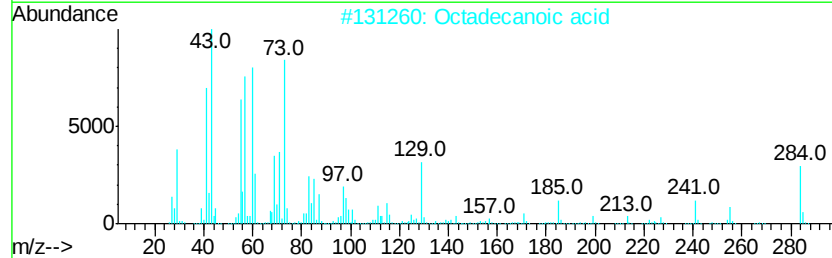
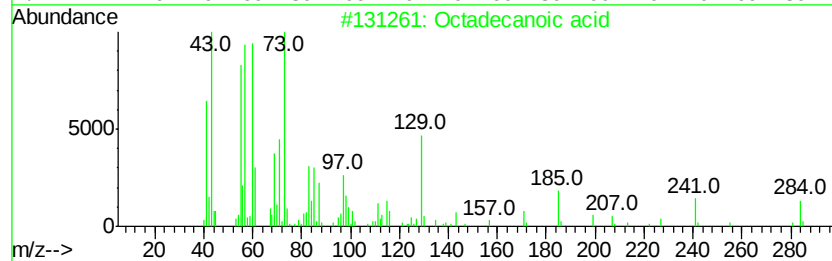
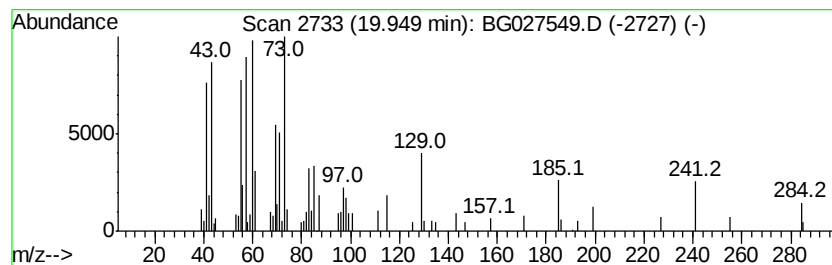
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.13 ng/ul	76008	Phenanthrene-d10	17.86

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



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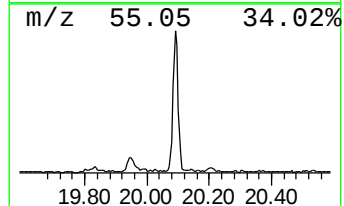
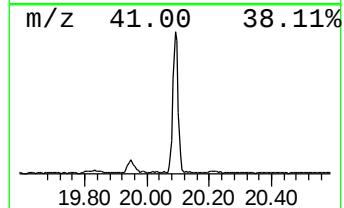
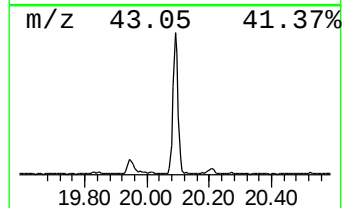
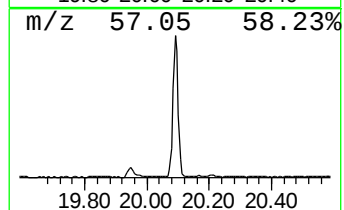
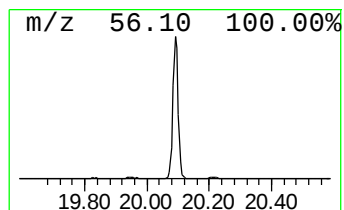
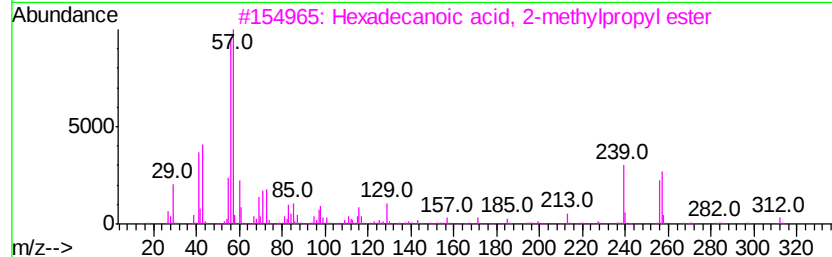
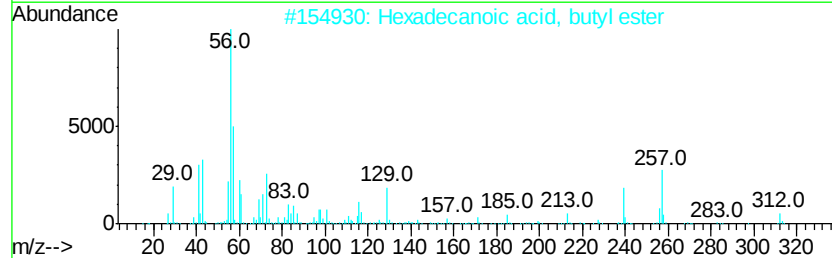
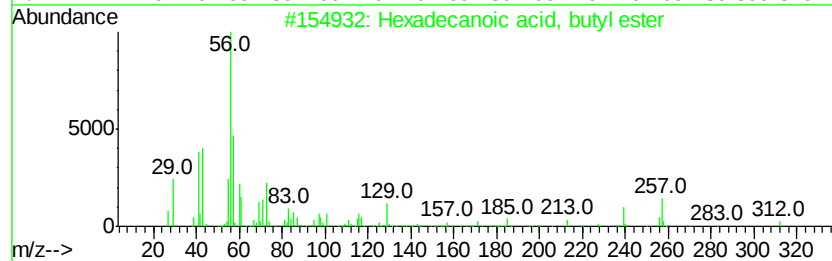
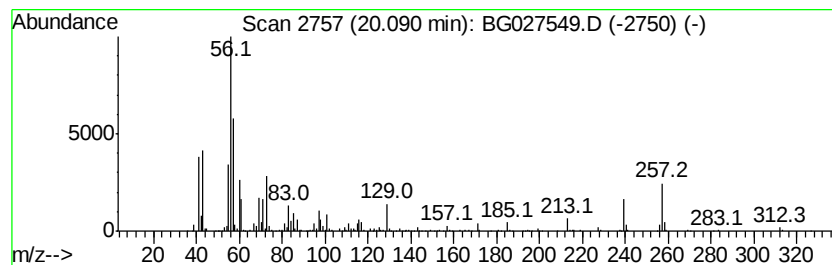
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	13.36 ng/ul	634199	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4		Hexadecanoic acid, 1,1-dimethyl...	312	C20H40O2	031158-91-5	49
5		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
Operator : SJ/MA
Sample : I3625-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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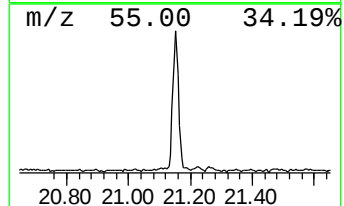
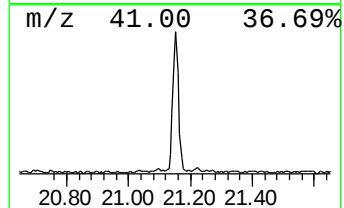
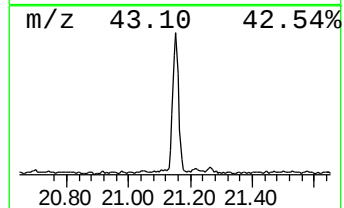
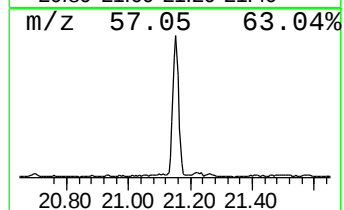
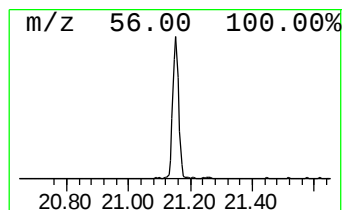
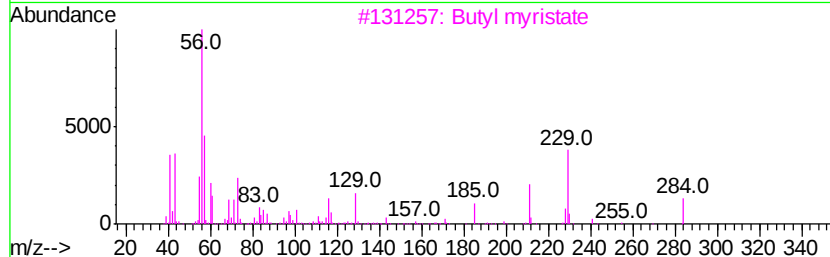
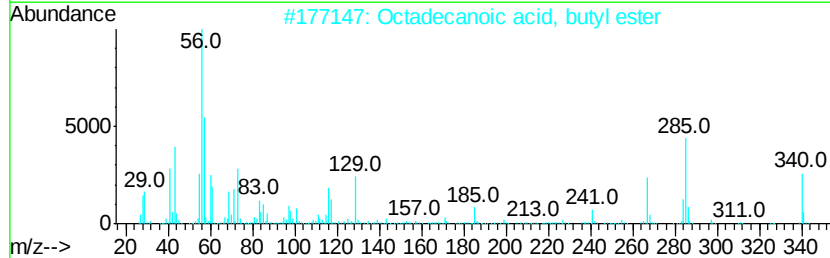
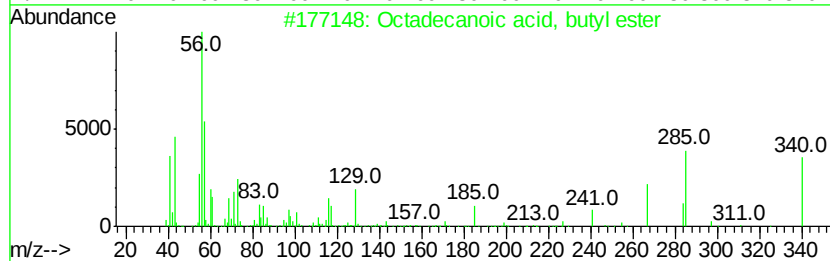
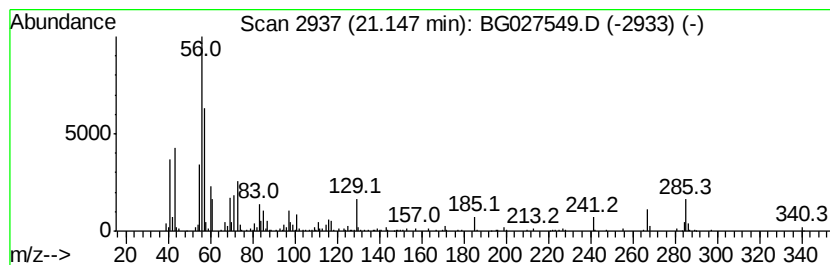
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	7.91 ng/ul	375644	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Butyl myristate	284	C18H36O2	000110-36-1	64
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5		Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
Operator : SJ/MA
Sample : I3625-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

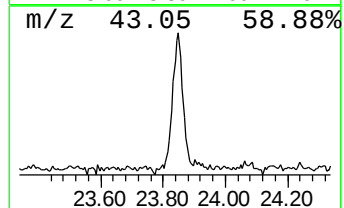
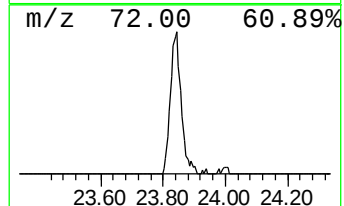
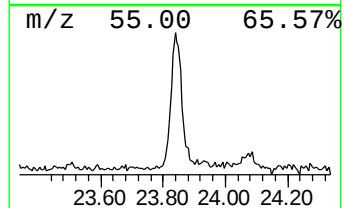
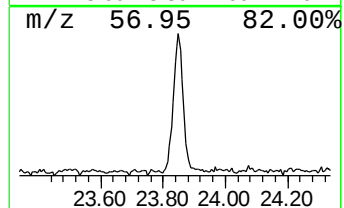
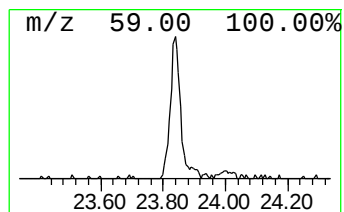
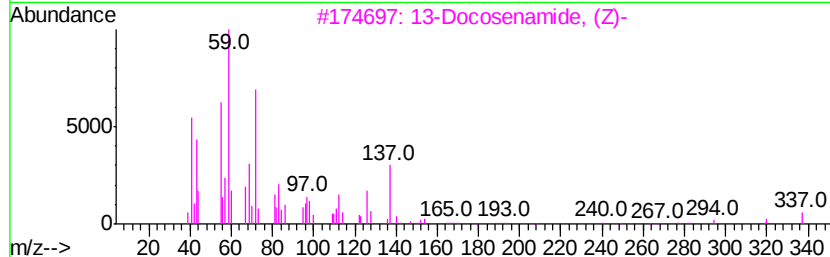
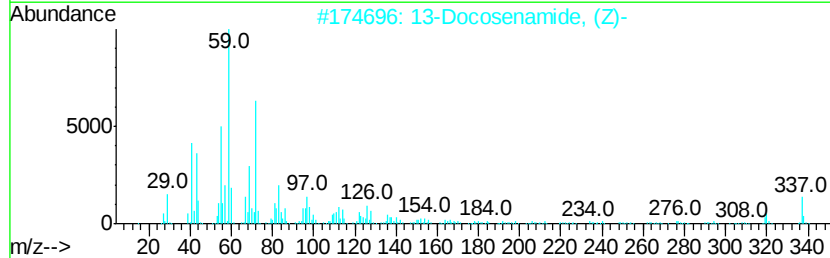
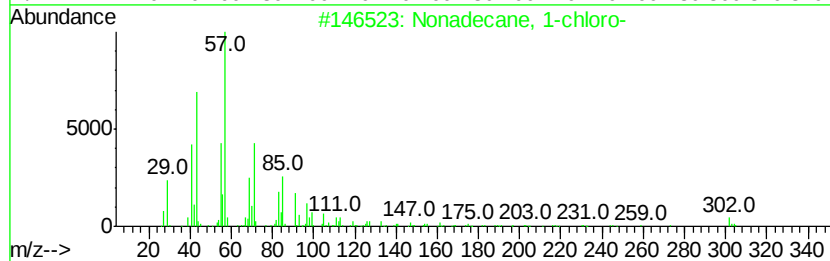
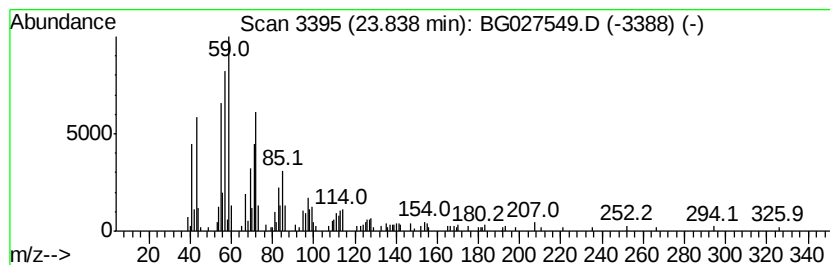
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Nonadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.84	3.74 ng/ul	177749	Chrysene-d12	22.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	81
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
4	Dodecane	170	C12H26	000112-40-3	47
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
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Sample : I3625-02
Misc :
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Instrument :
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ClientSampleId :
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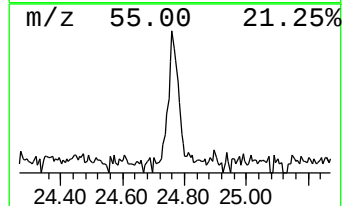
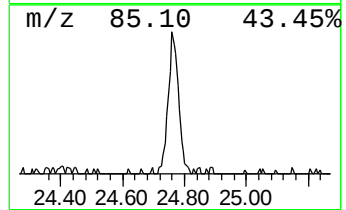
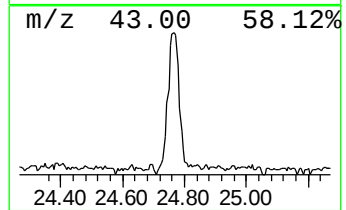
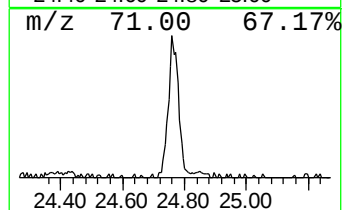
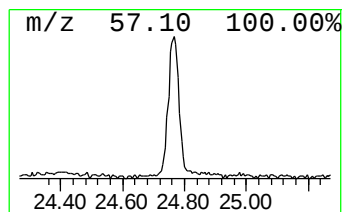
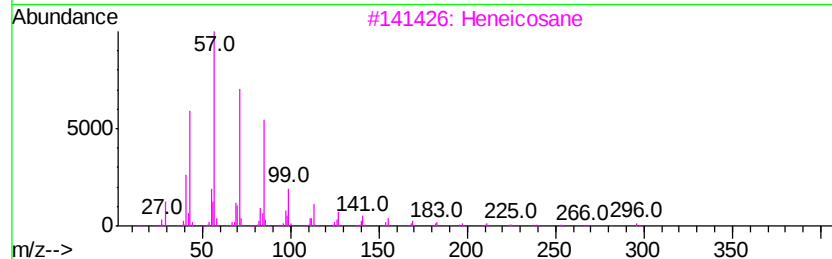
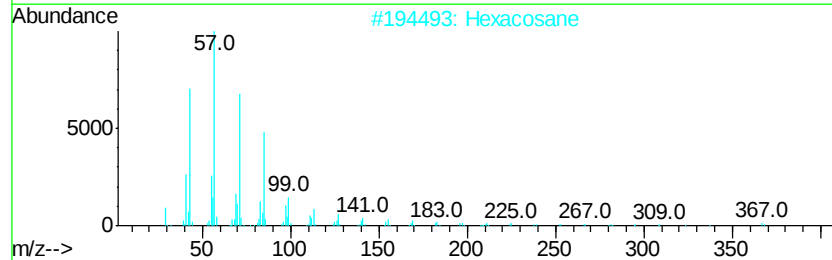
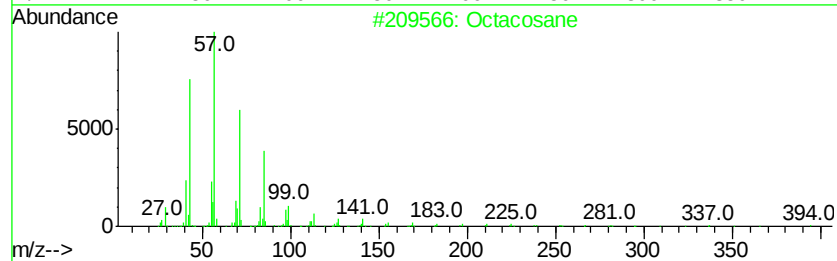
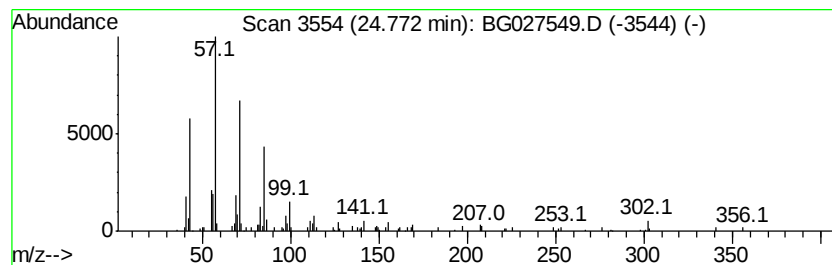
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.58 ng/ul	134837	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
Operator : SJ/MA
Sample : I3625-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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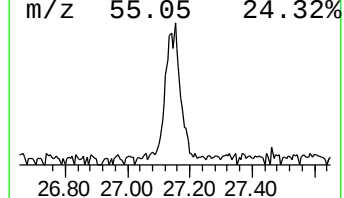
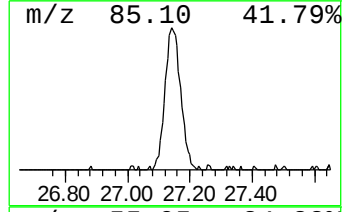
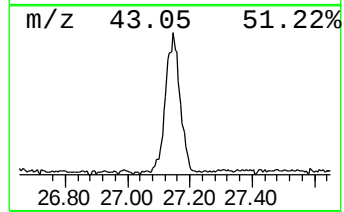
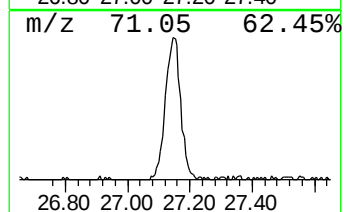
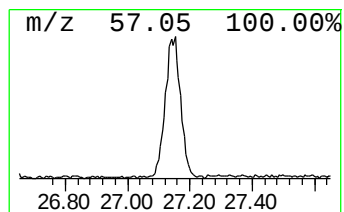
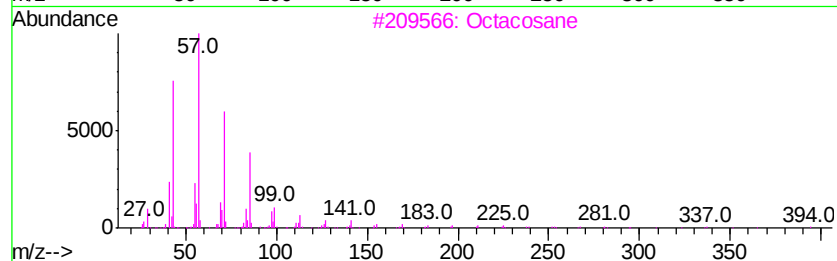
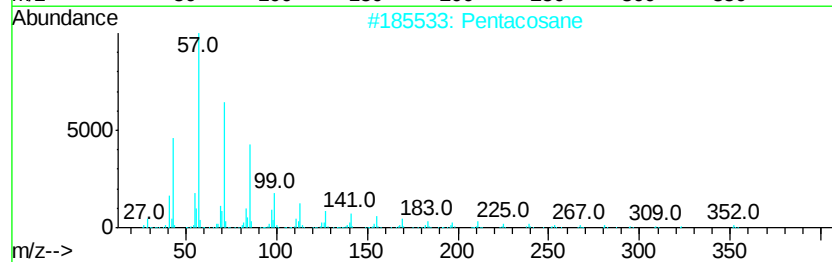
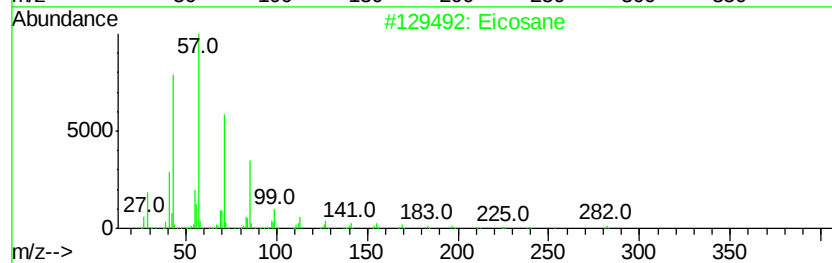
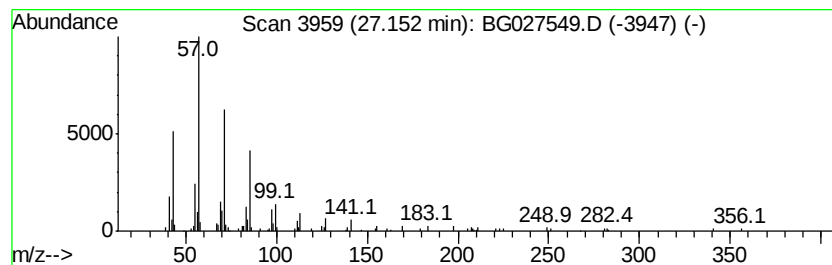
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	5.17 ng/ul	269965	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
Operator : SJ/MA
Sample : I3625-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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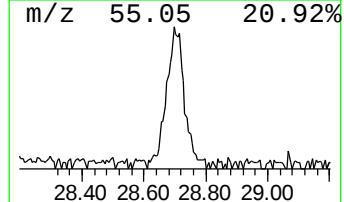
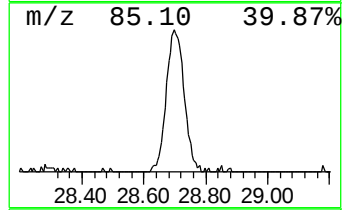
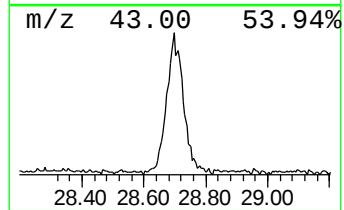
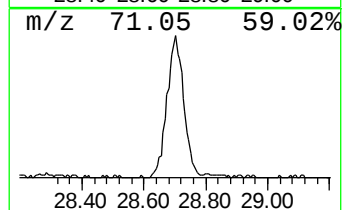
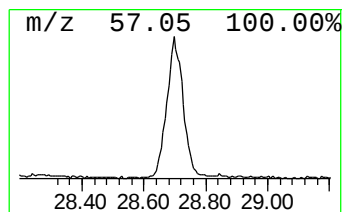
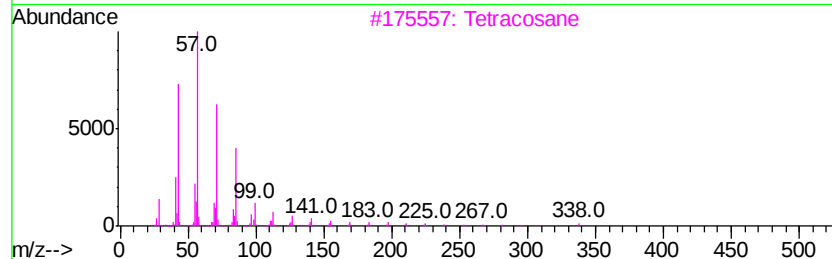
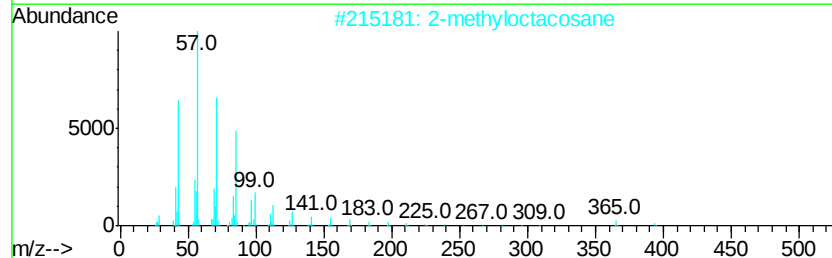
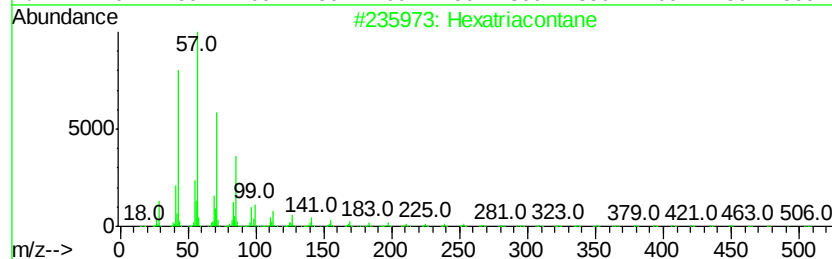
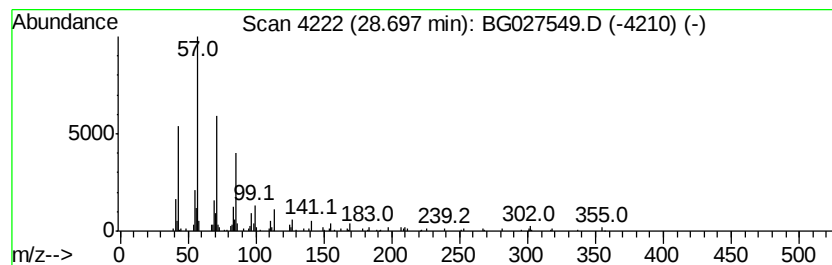
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.70	6.20 ng/ul	323633	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027549.D
Acq On : 20 Jun 2017 4:15
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Sample : I3625-02
Misc :
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ClientSampleId :
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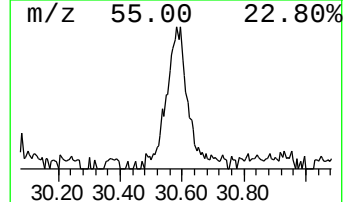
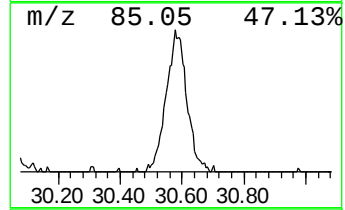
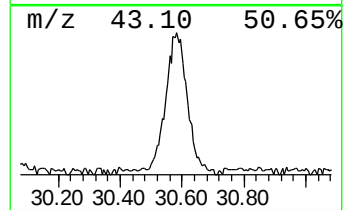
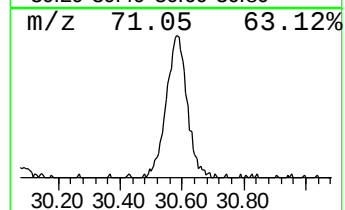
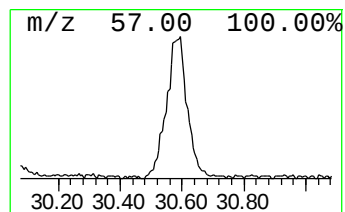
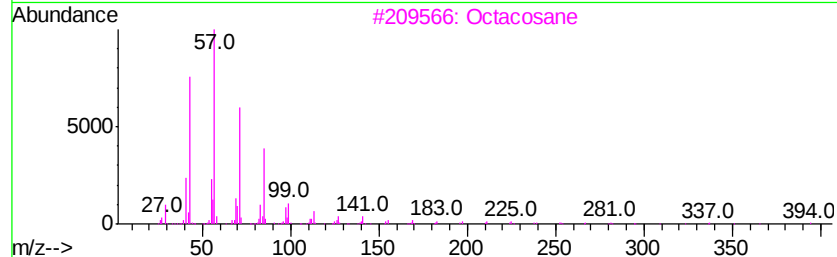
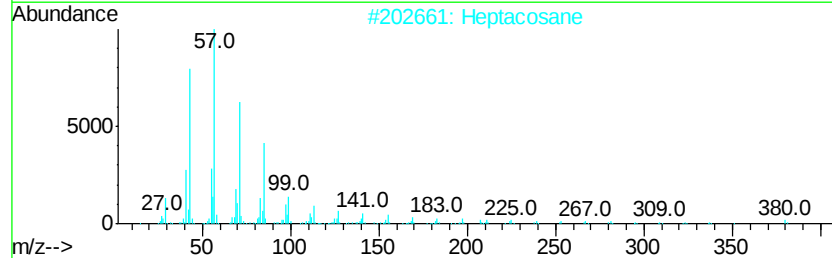
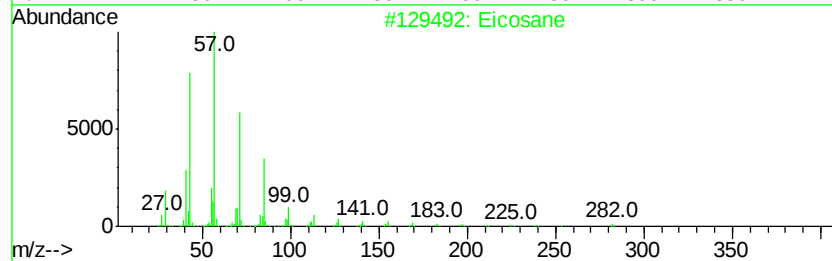
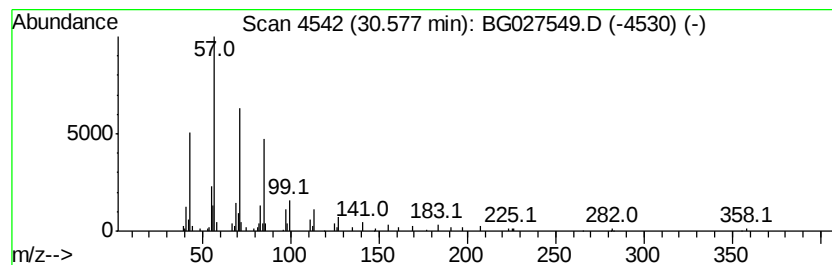
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.58	5.32 ng/ul	277980	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
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Acq On : 20 Jun 2017 4:15
Operator : SJ/MA
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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
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Octadecanoic acid	19.95	2.1	ng/ul	76008	4	17.86	714219	20.0
Hexadecanoic acid...	20.09	13.4	ng/ul	634199	5	22.23	949360	20.0
Octadecanoic acid...	21.15	7.9	ng/ul	375644	5	22.23	949360	20.0
Nonadecane, 1-chl...	23.84	3.7	ng/ul	177749	5	22.23	949360	20.0
(DEL) Alkane: Str...	24.77	2.6	ng/ul	134837	6	25.88	1044180	20.0
(DEL) Alkane: Str...	27.15	5.2	ng/ul	269965	6	25.88	1044180	20.0
(DEL) Alkane: Str...	28.70	6.2	ng/ul	323633	6	25.88	1044180	20.0
(DEL) Alkane: Str...	30.58	5.3	ng/ul	277980	6	25.88	1044180	20.0