

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027496.D
 Acq On : 17 Jun 2017 7:16
 Operator : SJ/MA
 Sample : I3600-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A15

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	4.083	27	33	44	rVB	11183	20923	0.97%	0.075%
2	6.603	457	462	478	rVB	7373	20264	0.94%	0.073%
3	7.449	602	606	616	rVB3	4967	10396	0.48%	0.037%
4	7.602	624	632	635	rBV4	25205	53164	2.47%	0.191%
5	7.678	635	645	662	rVB5	58363	231932	10.78%	0.835%
6	7.831	665	671	683	rVB	96487	174166	8.09%	0.627%
7	8.048	702	708	717	rVB	94319	174170	8.09%	0.627%
8	8.518	776	788	799	rBV	194428	362683	16.85%	1.306%
9	9.194	895	903	915	rVB2	87057	160033	7.44%	0.576%
10	9.682	973	986	996	rBV	107365	215853	10.03%	0.777%
11	9.817	1002	1009	1017	rVB5	9939	18300	0.85%	0.066%
12	10.405	1100	1109	1118	rBV	92526	174236	8.10%	0.627%
13	10.945	1193	1201	1214	rVB	141793	270528	12.57%	0.974%
14	11.339	1260	1268	1282	rVB	320895	614684	28.56%	2.213%
15	12.755	1502	1509	1516	rVB	21417	35765	1.66%	0.129%
16	13.695	1664	1669	1683	rVB4	8591	21823	1.01%	0.079%
17	13.889	1696	1702	1710	rBV4	6783	13389	0.62%	0.048%
18	14.488	1795	1804	1808	rBV	310473	475757	22.10%	1.713%
19	14.535	1808	1812	1826	rVB	554618	877327	40.76%	3.158%
20	14.799	1849	1857	1867	rVB	293494	514962	23.93%	1.854%
21	14.958	1877	1884	1891	rVB	38536	54824	2.55%	0.197%
22	15.105	1901	1909	1918	rVB2	540608	908136	42.19%	3.269%
23	15.281	1934	1939	1950	rVV3	30832	63128	2.93%	0.227%
24	15.399	1950	1959	1965	rBV8	7563	20989	0.98%	0.076%
25	15.475	1965	1972	1975	rVV5	18169	41294	1.92%	0.149%
26	15.510	1975	1978	1983	rVV4	14138	29138	1.35%	0.105%
27	15.569	1983	1988	1997	rVV7	17704	48095	2.23%	0.173%
28	15.640	1997	2000	2015	rVB5	12593	28004	1.30%	0.101%
29	15.904	2033	2045	2050	rBV	83200	124202	5.77%	0.447%
30	15.969	2050	2056	2060	rBV5	6930	12035	0.56%	0.043%
31	16.033	2060	2067	2070	rVV6	3919	9157	0.43%	0.033%
32	16.092	2070	2077	2084	rVV	447041	725974	33.73%	2.614%
33	16.192	2088	2094	2104	rVB	132764	221196	10.28%	0.796%
34	16.303	2106	2113	2126	rVB4	21639	64140	2.98%	0.231%

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35	16.403	2126	2130	2135	rBV3	9928	13223	0.61%	0.048%
36	16.462	2135	2140	2148	rVV2	11554	20153	0.94%	0.073%
37	16.527	2148	2151	2160	rVB2	13223	18564	0.86%	0.067%
38	16.768	2186	2192	2207	rBV2	120572	240622	11.18%	0.866%
39	16.956	2221	2224	2232	rVB8	5230	9441	0.44%	0.034%
40	17.108	2243	2250	2258	rBV3	13653	34960	1.62%	0.126%
41	17.202	2263	2266	2275	rBV9	18315	55369	2.57%	0.199%
42	17.273	2276	2278	2282	rVB3	8537	9547	0.44%	0.034%
43	17.343	2287	2290	2293	rVB4	8208	9756	0.45%	0.035%
44	17.561	2322	2327	2332	rBV	51891	72583	3.37%	0.261%
45	17.614	2332	2336	2347	rVB5	14443	32727	1.52%	0.118%
46	17.719	2348	2354	2358	rBV6	9440	15252	0.71%	0.055%
47	17.855	2370	2377	2387	rBV2	732529	1149039	53.39%	4.137%
48	17.954	2387	2394	2405	rVV2	519063	850332	39.51%	3.061%
49	18.301	2447	2453	2456	rBV3	12775	18457	0.86%	0.066%
50	18.348	2456	2461	2466	rVB8	9093	16237	0.75%	0.058%
51	18.577	2491	2500	2510	rBV4	46360	116078	5.39%	0.418%
52	18.701	2513	2521	2543	rBV	989695	1714066	79.64%	6.171%
53	19.018	2571	2575	2579	rVB4	16436	20163	0.94%	0.073%
54	19.112	2586	2591	2596	rBV	44718	56796	2.64%	0.204%
55	19.347	2626	2631	2639	rBV8	17980	36278	1.69%	0.131%
56	19.529	2659	2662	2666	rBV3	18645	28508	1.32%	0.103%
57	19.558	2666	2667	2672	rVB4	15346	14941	0.69%	0.054%
58	19.682	2685	2688	2692	rVB6	14902	17458	0.81%	0.063%
59	19.764	2694	2702	2705	rBV8	10554	20698	0.96%	0.075%
60	19.817	2705	2711	2728	rBV2	810318	2152300	100.00%	7.748%
61	19.958	2730	2735	2756	rVB	1420015	2039601	94.76%	7.343%
62	20.123	2759	2763	2769	rVB	87102	124207	5.77%	0.447%
63	20.217	2773	2779	2791	rVB2	803590	1547402	71.90%	5.571%
64	20.405	2806	2811	2822	rBV2	34223	69599	3.23%	0.251%
65	20.499	2824	2827	2831	rVB6	8068	11495	0.53%	0.041%
66	20.704	2855	2862	2865	rBV8	8618	21280	0.99%	0.077%
67	20.739	2865	2868	2876	rVB9	9452	17080	0.79%	0.061%
68	20.816	2876	2881	2887	rBV9	15045	22279	1.04%	0.080%
69	21.039	2914	2919	2921	rBV6	13929	21618	1.00%	0.078%
70	21.092	2921	2928	2943	rVB4	228114	514737	23.92%	1.853%
71	21.227	2946	2951	2954	rBV	146216	193340	8.98%	0.696%

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72	21.268	2954	2958	2966	rVB	207503	265246	12.32%	0.955%
73	21.691	3027	3030	3035	rBV6	6940	9340	0.43%	0.034%
74	21.791	3041	3047	3068	rBV5	61566	201548	9.36%	0.726%
75	22.061	3086	3093	3104	rVB	1032013	1553627	72.18%	5.593%
76	22.232	3111	3122	3132	rBV	689027	1319022	61.28%	4.749%
77	23.078	3261	3266	3275	rBV	10681	35219	1.64%	0.127%
78	23.507	3331	3339	3353	rVB	136418	270486	12.57%	0.974%
79	23.853	3393	3398	3408	rVB7	15772	36023	1.67%	0.130%
80	24.018	3419	3426	3428	rBV8	11938	27161	1.26%	0.098%
81	24.083	3429	3437	3446	rVB	267228	565008	26.25%	2.034%
82	24.206	3452	3458	3474	rVB	30265	108475	5.04%	0.391%
83	24.776	3548	3555	3565	rVB5	26468	63082	2.93%	0.227%
84	25.510	3672	3680	3689	rBV5	23089	67148	3.12%	0.242%
85	25.628	3689	3700	3717	rVB3	286184	922892	42.88%	3.322%
86	25.886	3730	3744	3759	rVB2	398440	1394017	64.77%	5.019%
87	26.163	3780	3791	3803	rBV5	90173	291409	13.54%	1.049%
88	26.339	3815	3821	3834	rVB5	22039	63638	2.96%	0.229%
89	26.920	3912	3920	3927	rBV5	16978	50482	2.35%	0.182%
90	27.103	3941	3951	3955	rBV5	26551	81637	3.79%	0.294%
91	27.150	3956	3959	3973	rVB5	37043	102495	4.76%	0.369%
92	27.420	3998	4005	4016	rVB5	24978	81294	3.78%	0.293%
93	27.637	4035	4042	4063	rVB5	24368	112023	5.20%	0.403%
94	27.861	4073	4080	4085	rBV10	25228	72067	3.35%	0.259%
95	27.966	4087	4098	4113	rVB5	207466	757778	35.21%	2.728%
96	28.190	4126	4136	4148	rVB5	46090	173415	8.06%	0.624%
97	28.648	4203	4214	4222	rBV6	57158	238276	11.07%	0.858%
98	30.076	4446	4457	4474	rVB4	38401	179328	8.33%	0.646%
99	30.599	4534	4546	4557	rBV8	23938	115425	5.36%	0.416%
100	31.973	4765	4780	4814	rVB8	75498	502941	23.37%	1.811%

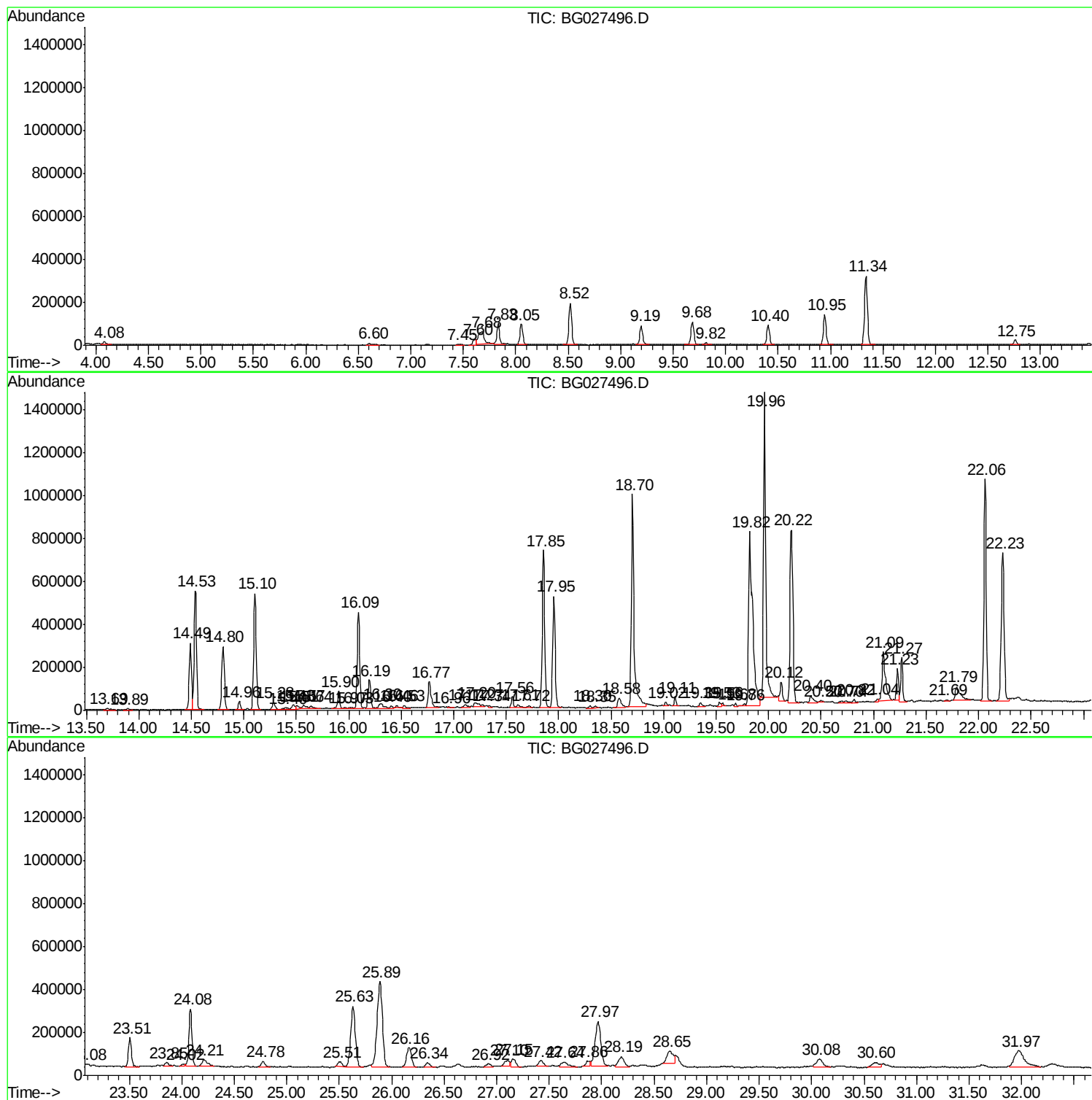
Sum of corrected areas: 27777355

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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



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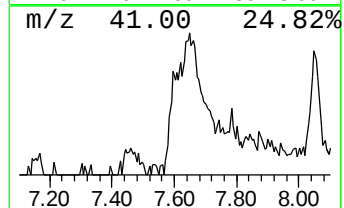
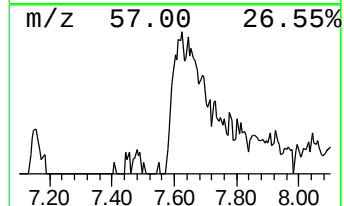
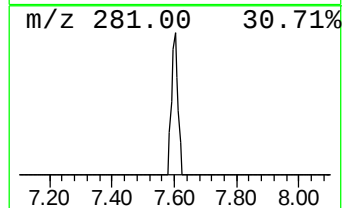
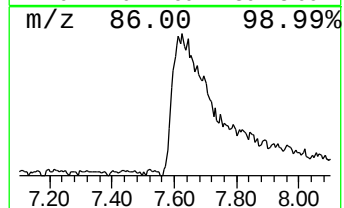
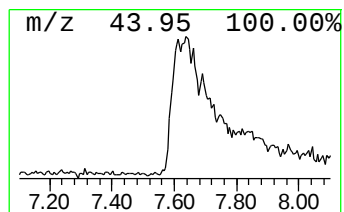
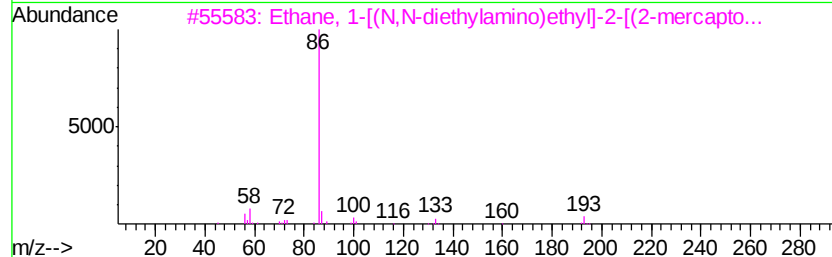
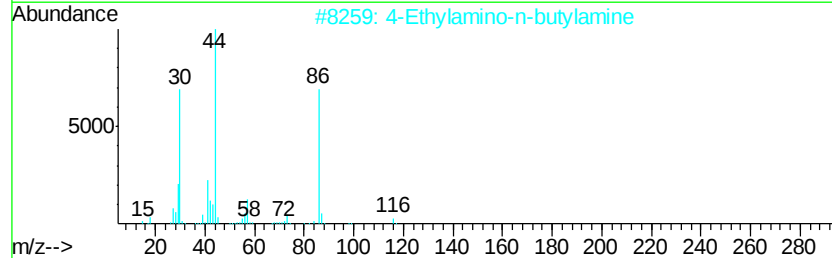
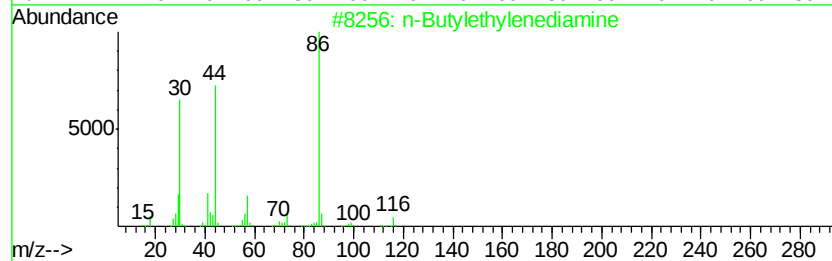
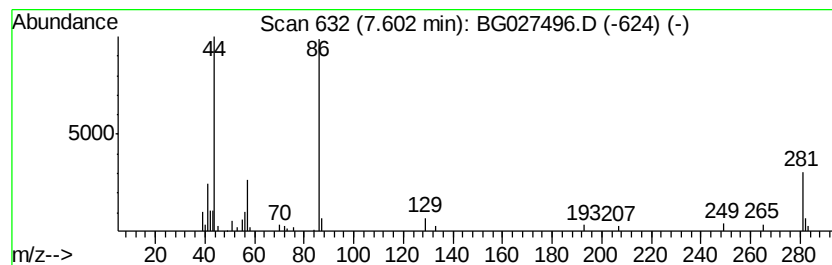
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Butylethylenediamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.93 ng/ul	53164	1,4-Dichlorobenzene-d4	8.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butylethylenediamine	116	C6H16N2	019522-69-1	59
2			4-Ethylamino-n-butylamine	116	C6H16N2	064429-16-9	59
3			Ethane, 1-[(N,N-diethylamino)eth...	193	C8H19NS2	169493-12-3	50
4			1-Butanamine, N-butyl-	129	C8H19N	000111-92-2	49
5			1-Butanamine, N-butyl-	129	C8H19N	000111-92-2	49



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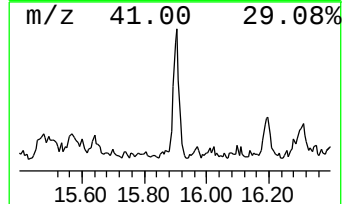
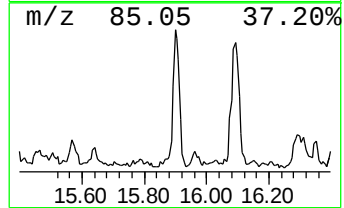
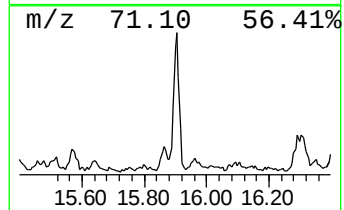
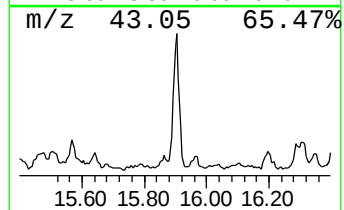
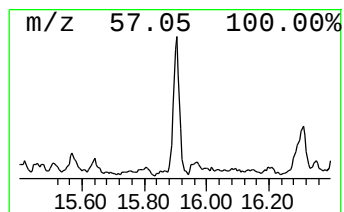
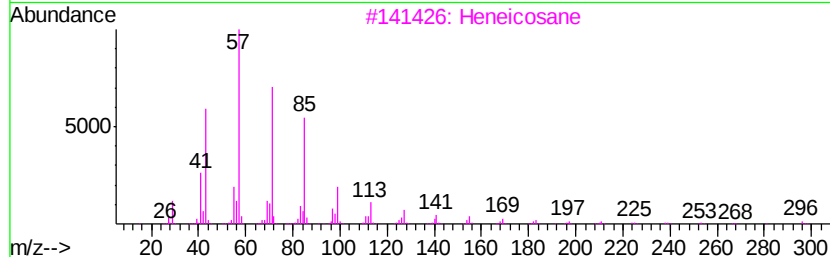
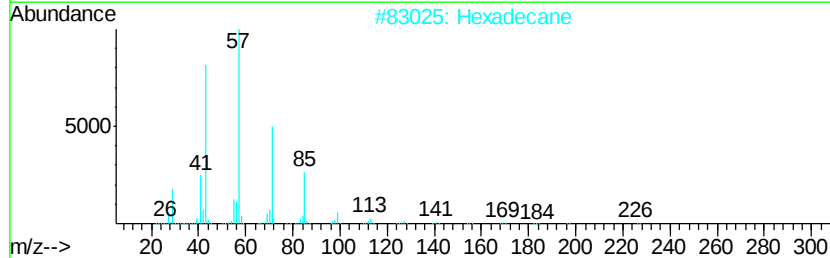
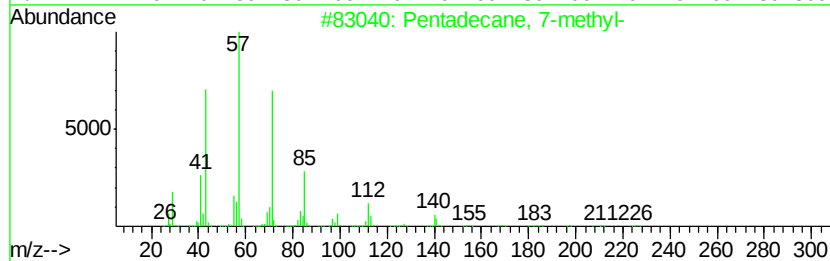
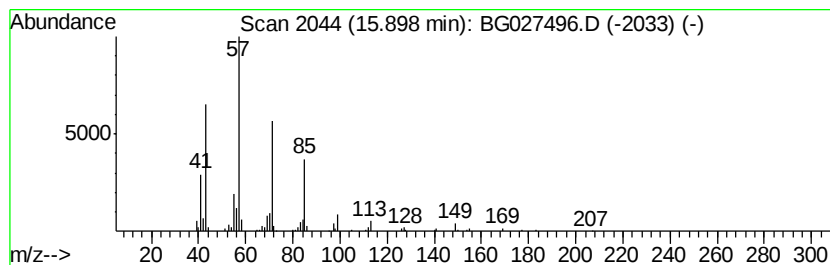
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.74 ng/ul	124202	Acenaphthene-d10	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5			Hexadecane	226	C16H34	000544-76-3	78



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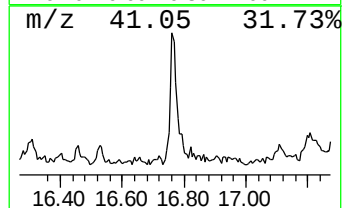
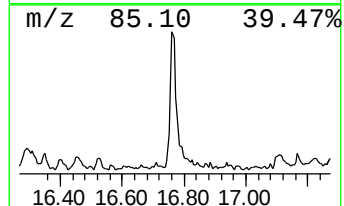
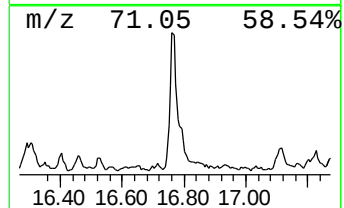
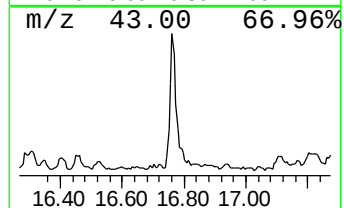
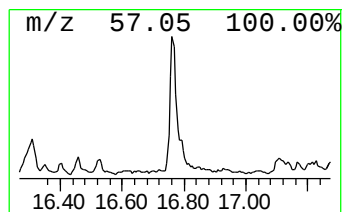
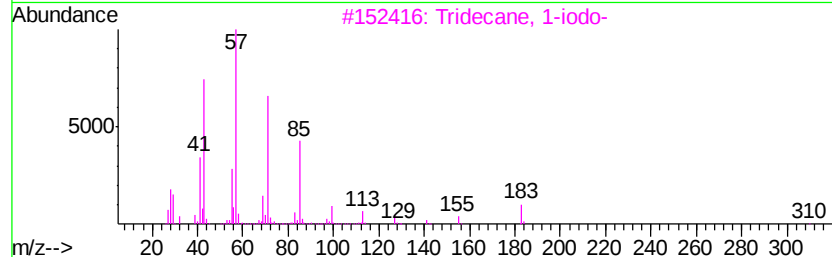
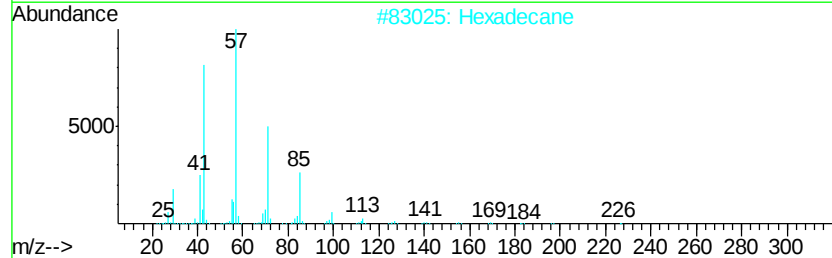
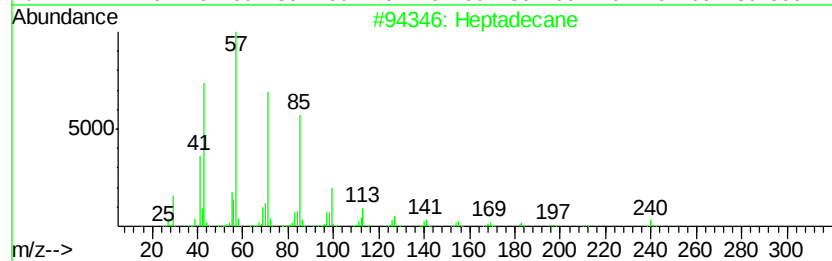
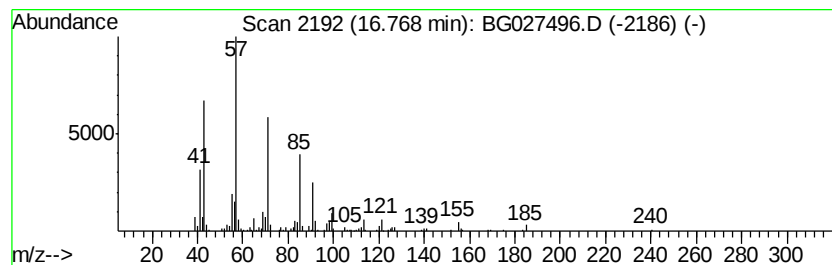
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.19 ng/ul	240622	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
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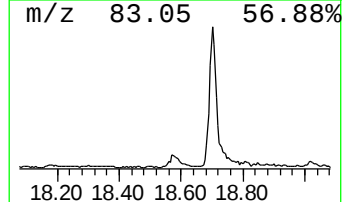
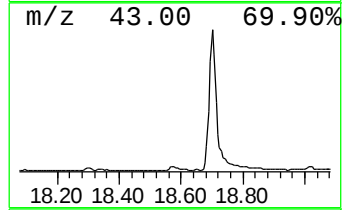
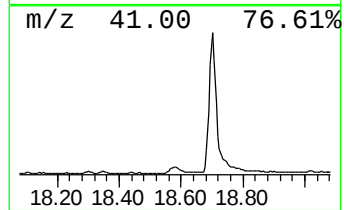
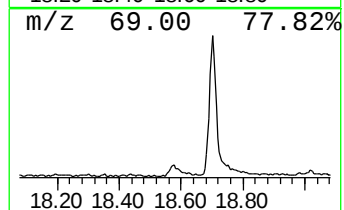
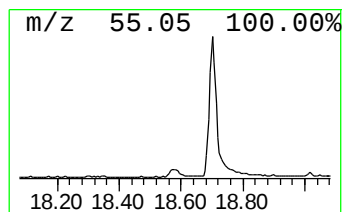
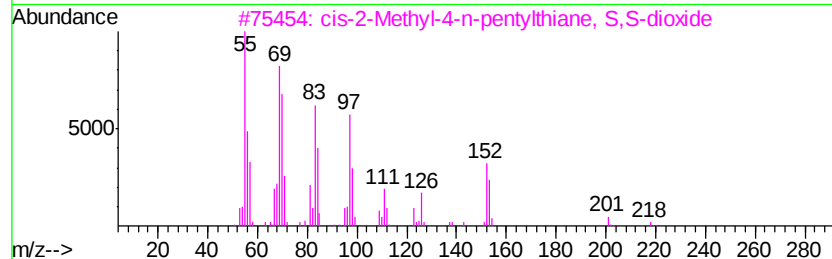
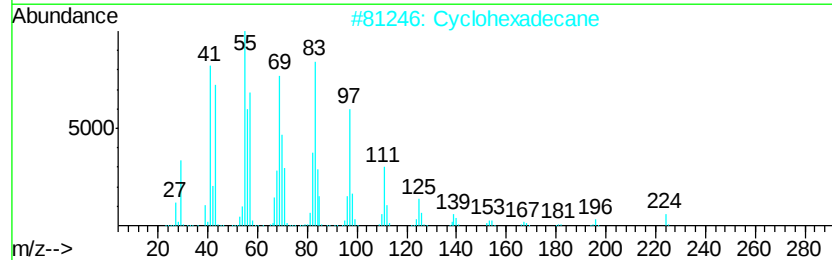
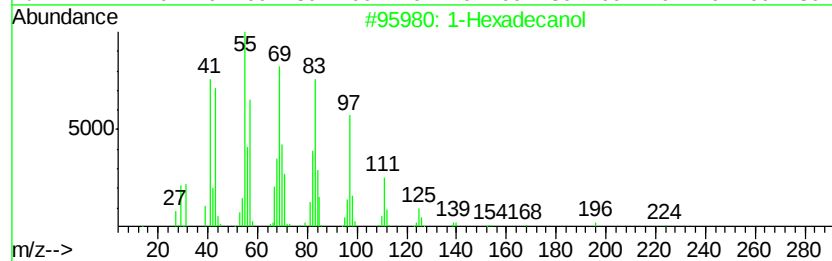
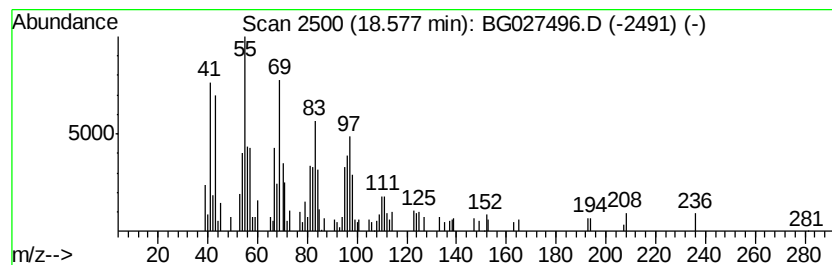
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Hexadecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.58	2.02 ng/ul	116078	Phenanthrene-d10	17.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanol	242	C16H34O	036653-82-4	64
2		Cyclohexadecane	224	C16H32	000295-65-8	58
3		cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	58
4		1-Tetradecanol	214	C14H30O	000112-72-1	58
5		n-Pentadecanol	228	C15H32O	000629-76-5	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
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Instrument :
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ClientSampleId :
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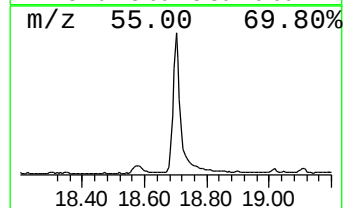
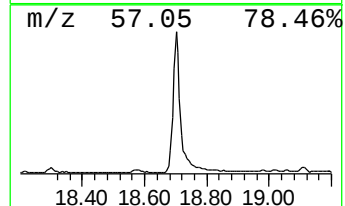
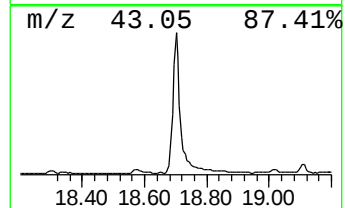
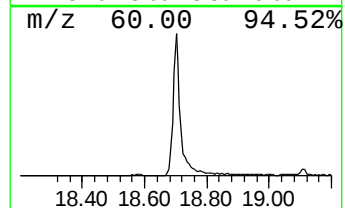
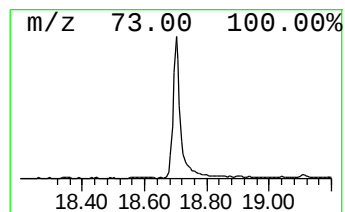
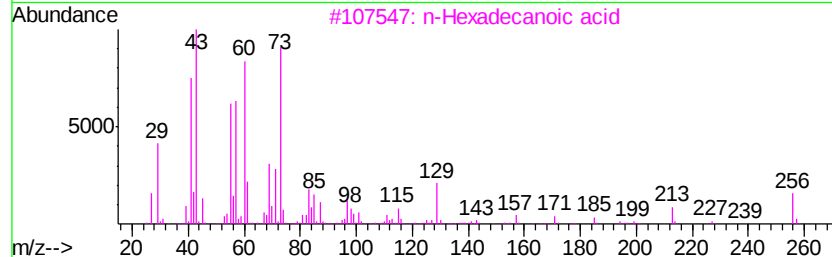
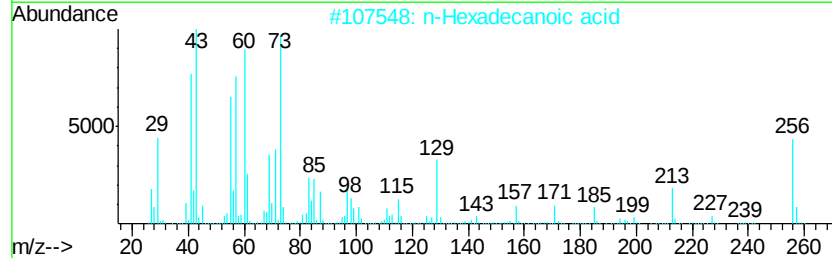
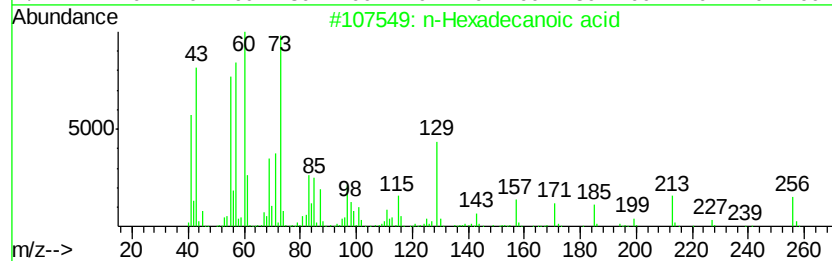
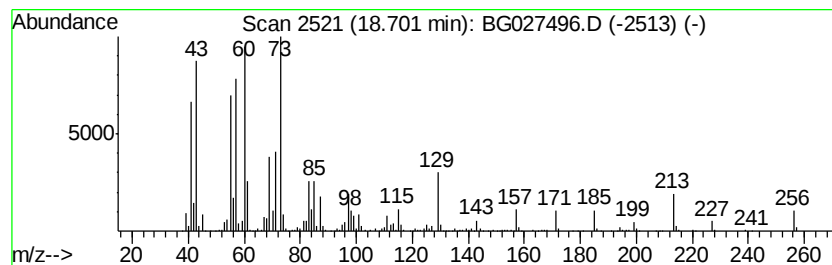
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	29.83 ng/ul	1714070	Phenanthrene-d10	17.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
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Instrument :
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ClientSampleId :
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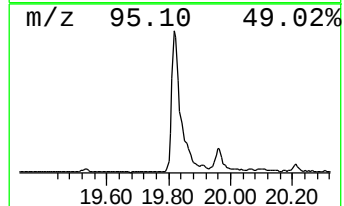
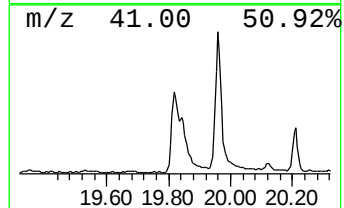
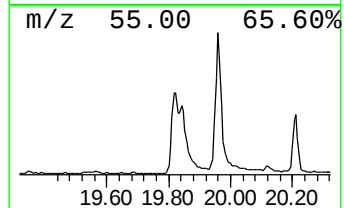
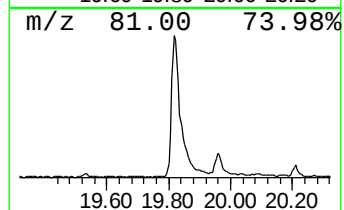
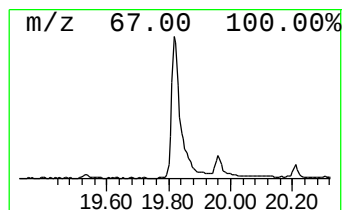
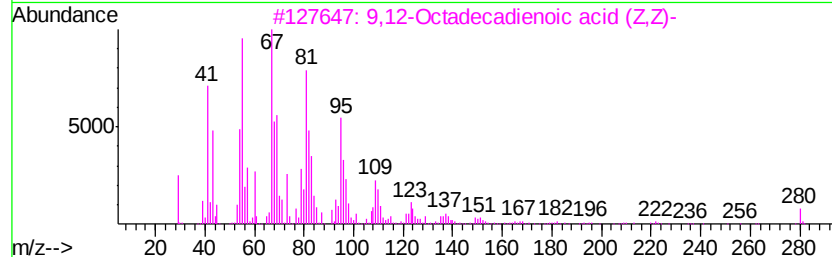
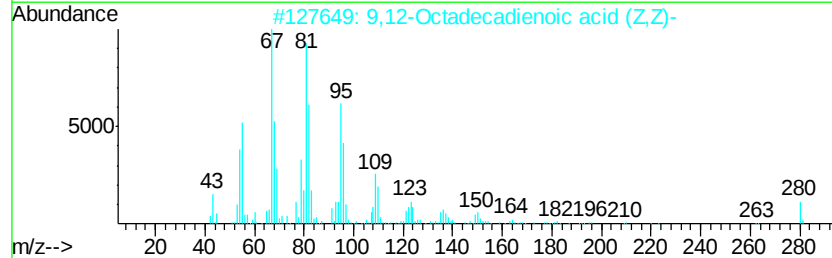
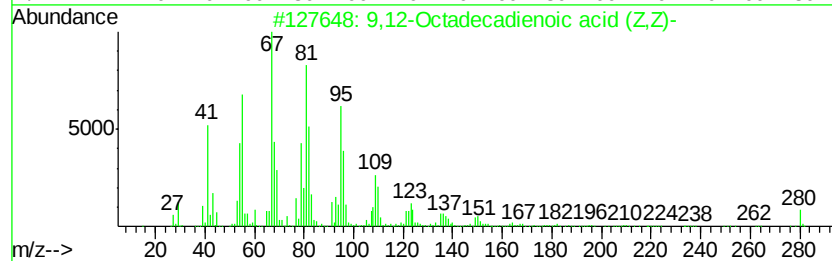
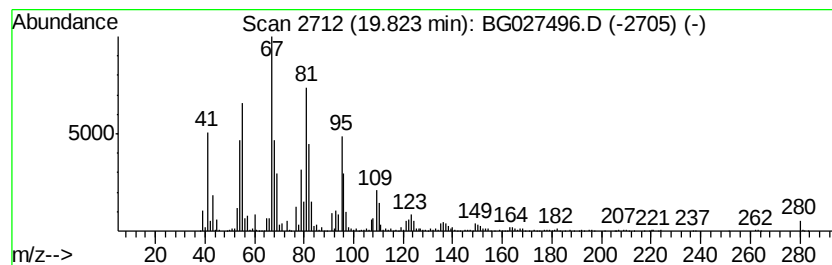
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	37.46 ng/ul	2152300	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
4		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
5		Cyclodecene	138	C10H18	003618-12-0	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
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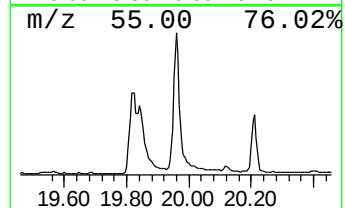
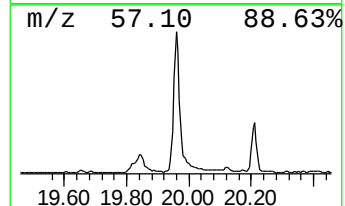
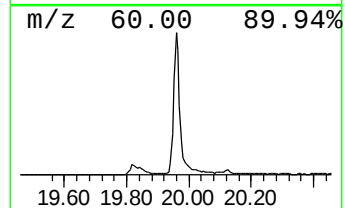
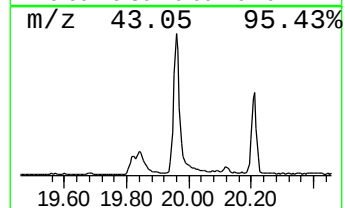
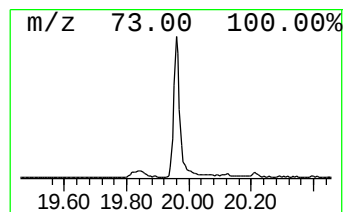
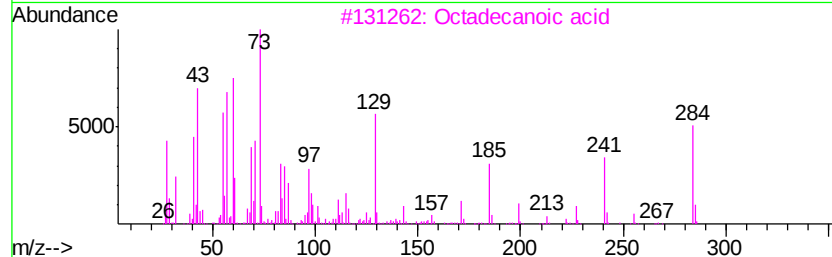
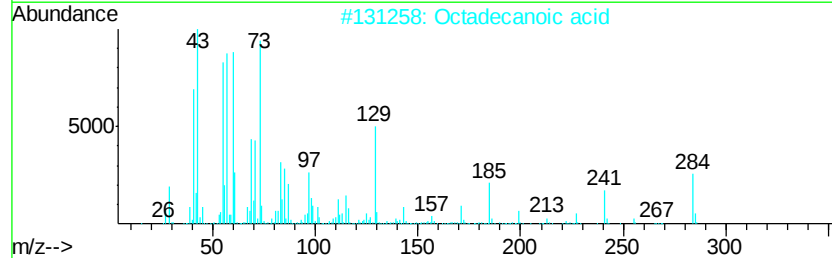
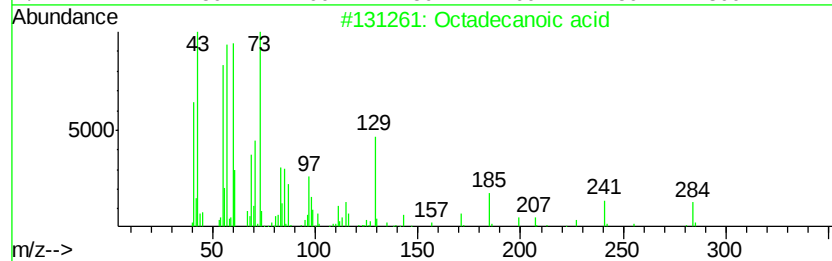
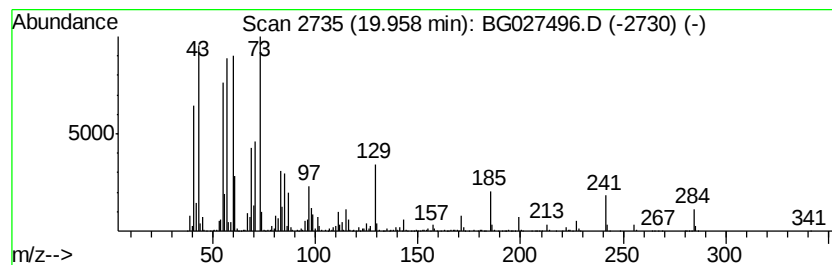
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	35.50 ng/ul	2039600	Phenanthrene-d10	17.85

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	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
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Misc :
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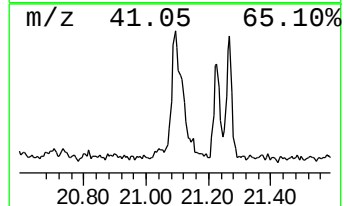
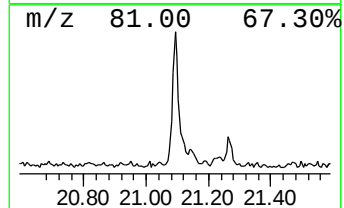
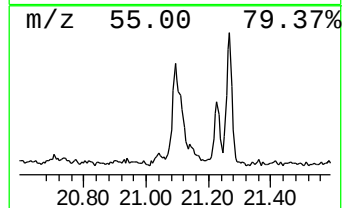
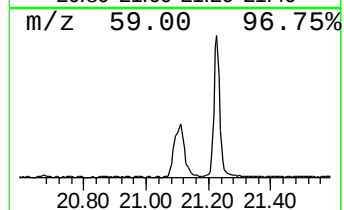
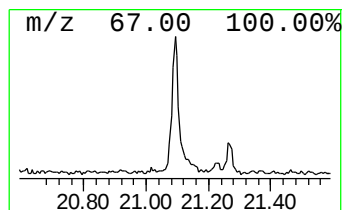
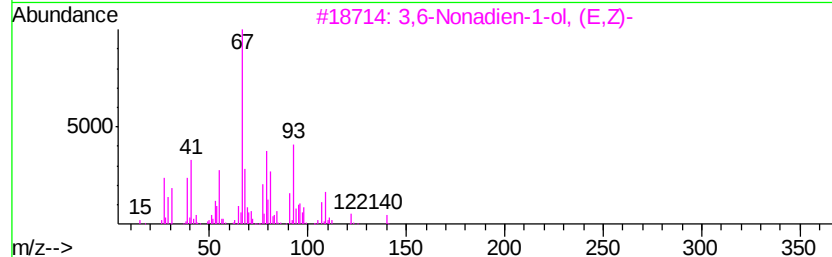
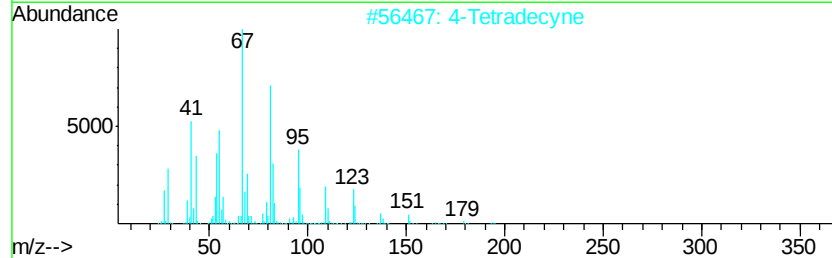
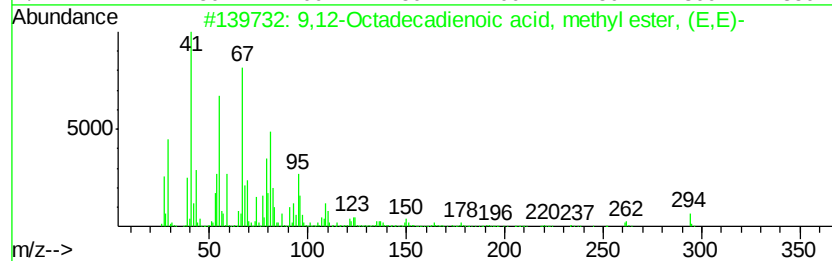
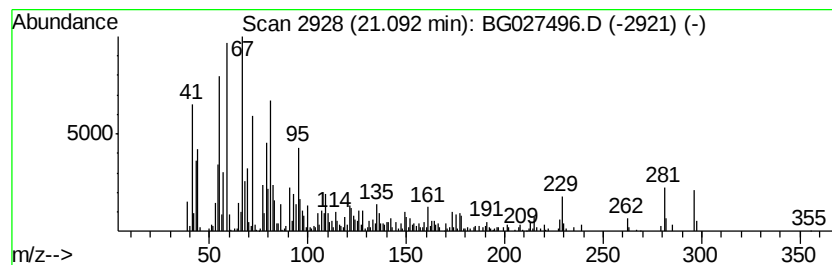
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.80 ng/ul	514737	Chrysene-d12	22.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	53
2			4-Tetradecyne	194	C14H26	060212-33-1	47
3			3,6-Nonadien-1-ol, (E,Z)-	140	C9H16O	056805-23-3	42
4			Cyclododecyne	164	C12H20	001129-90-4	42
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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Acq On : 17 Jun 2017 7:16
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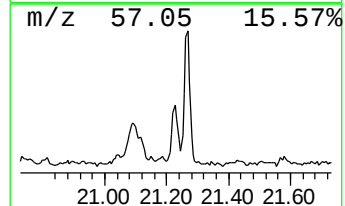
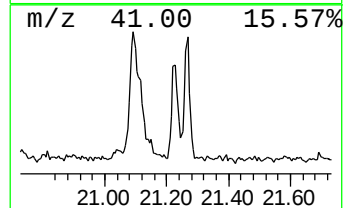
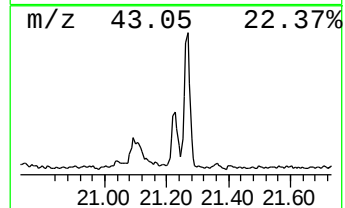
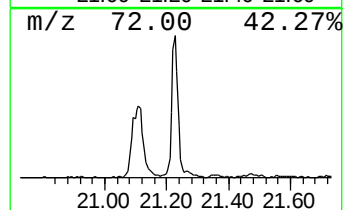
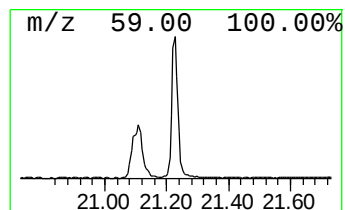
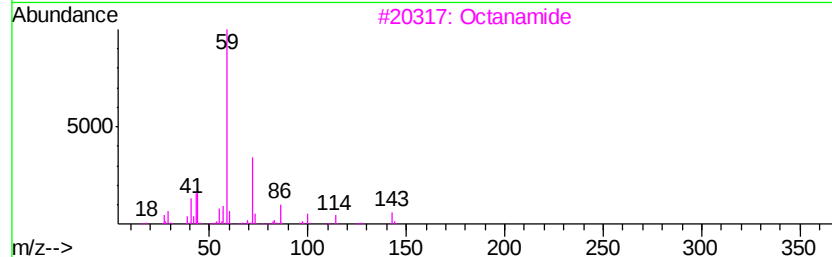
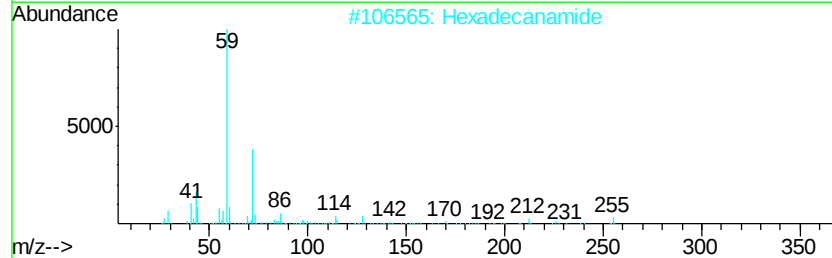
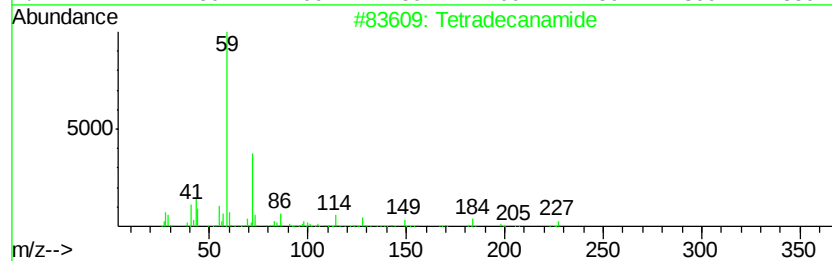
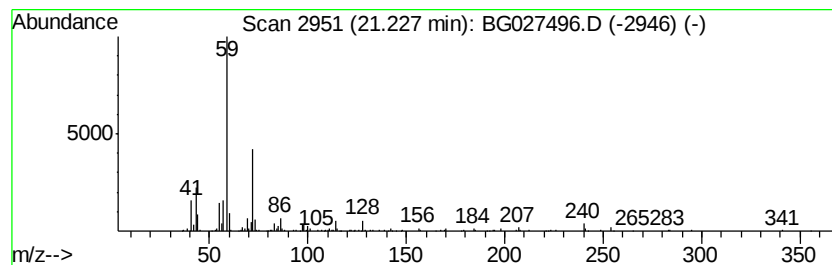
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tetradecanamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.93 ng/ul	193340	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanamide	227	C14H29NO	000638-58-4	86
2		Hexadecanamide	255	C16H33NO	000629-54-9	86
3		Octanamide	143	C8H17NO	000629-01-6	72
4		Nonadecanamide	297	C19H39NO	058185-32-3	64
5		Tetradecanamide	227	C14H29NO	000638-58-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
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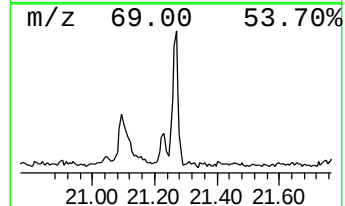
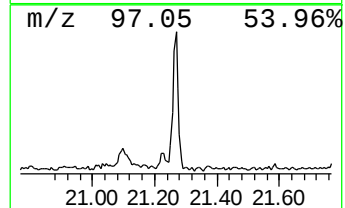
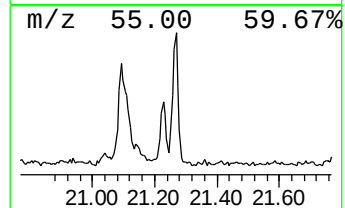
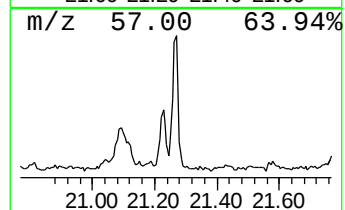
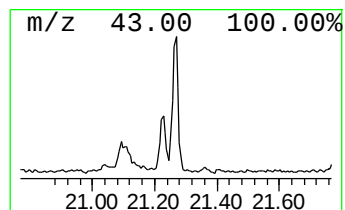
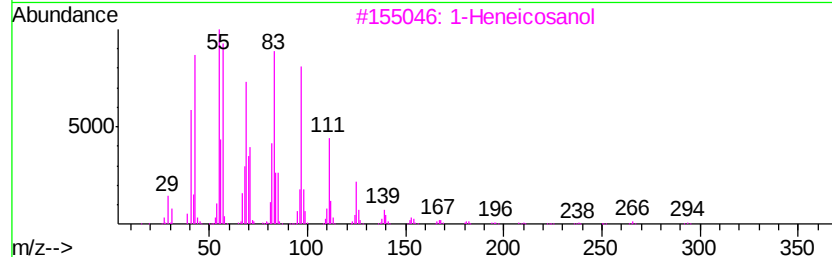
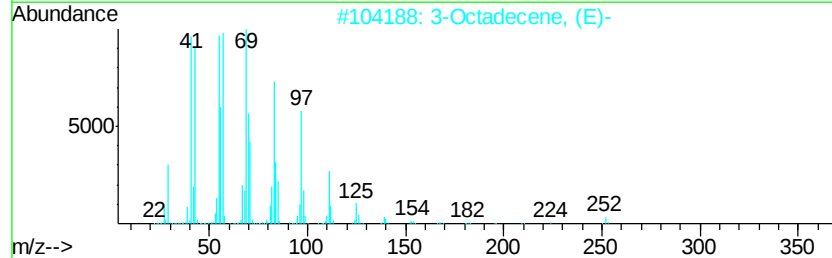
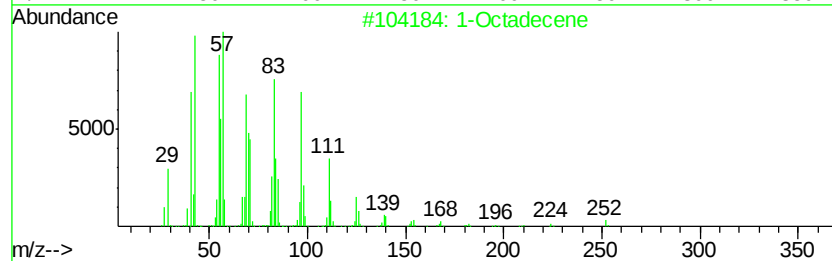
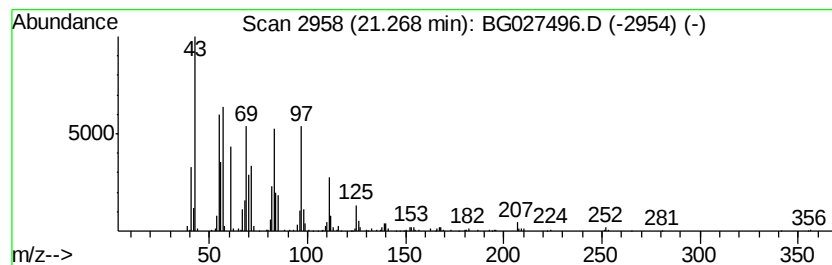
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic21.27 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	4.02 ng/ul	265246	Chrysene-d12	22.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	99
2			3-Octadecene, (E)-	252	C18H36	007206-19-1	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Heneicosyl acetate	354	C23H46O2	1000351-77-3	91
5			Eicosyl acetate	340	C22H44O2	1000351-77-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

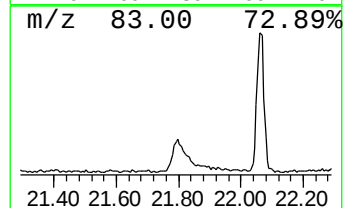
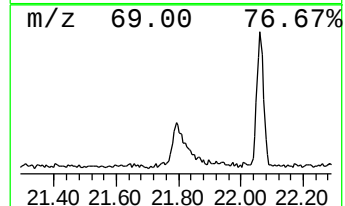
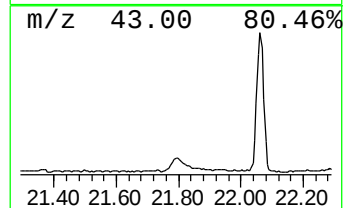
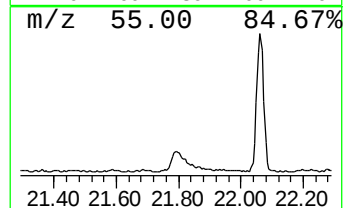
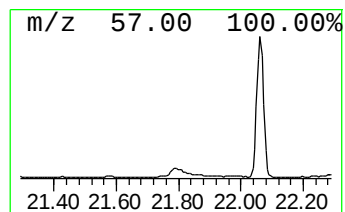
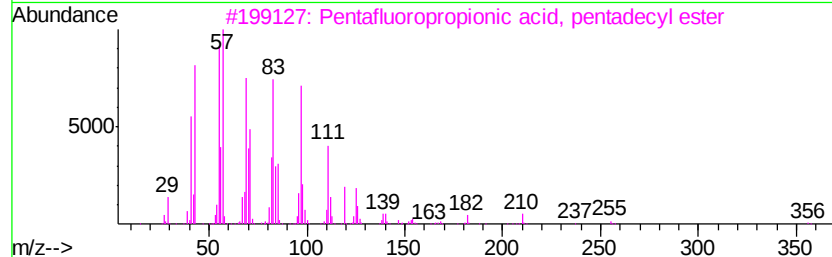
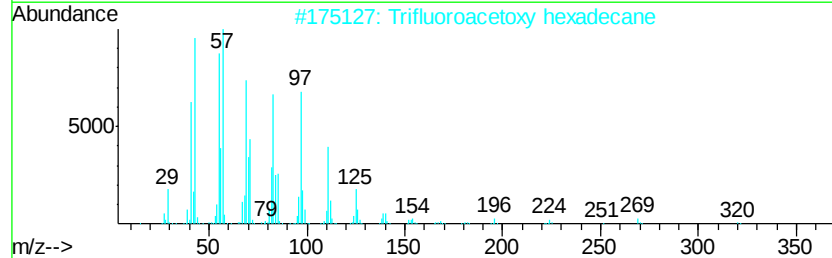
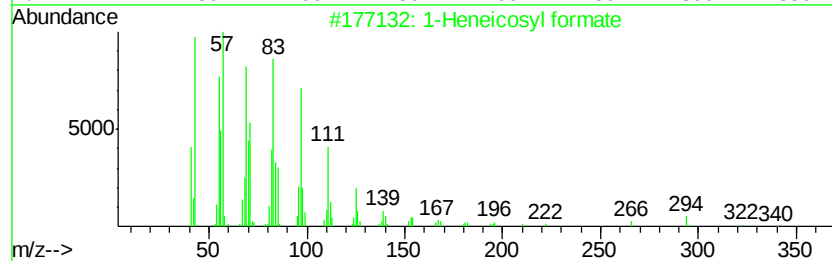
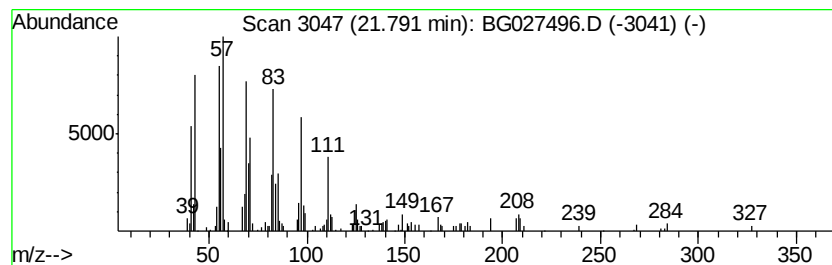
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	3.06 ng/ul	201548	Chrysene-d12	22.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosyl formate	340 C22H44O2	077899-03-7 94
2		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91
3		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 90
4		Cyclotridecane	182 C13H26	000295-02-3 87
5		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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ClientSampleId :
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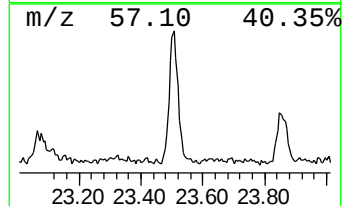
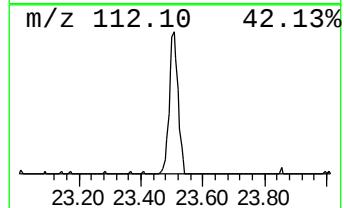
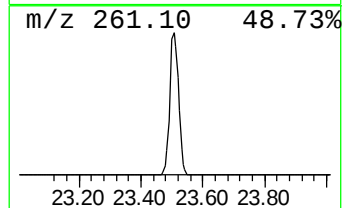
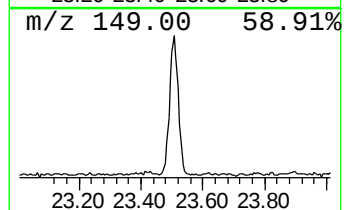
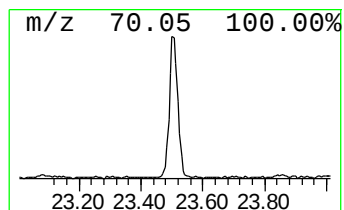
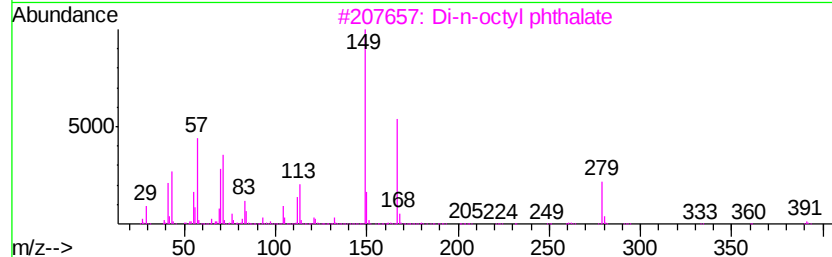
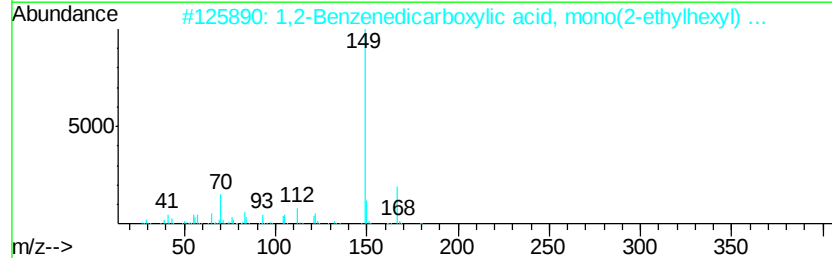
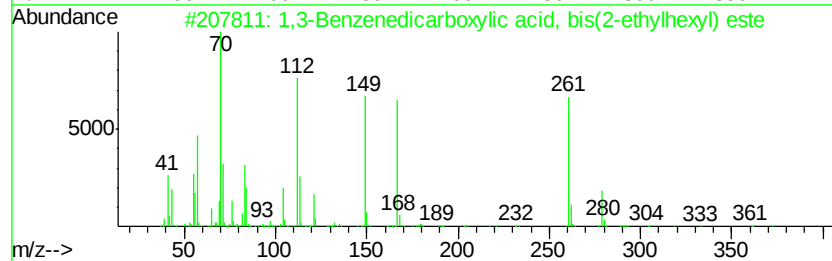
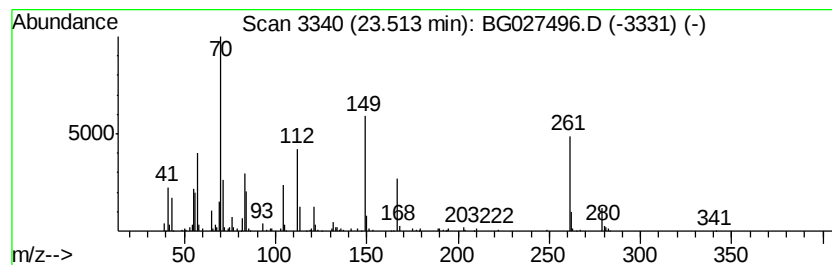
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,3-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	4.10 ng/ul	270486	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
2		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	37
3		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	22
4		Diisooctyl phthalate	390	C24H38O4	000131-20-4	22
5		Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
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ClientSampleId :
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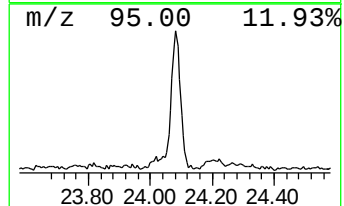
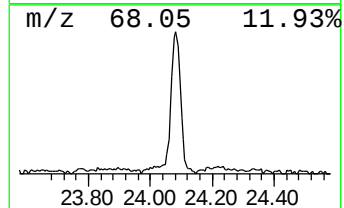
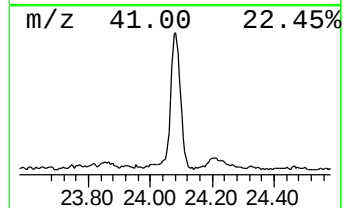
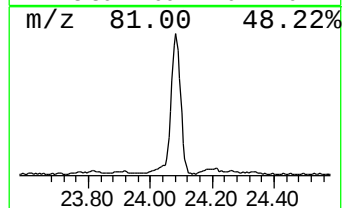
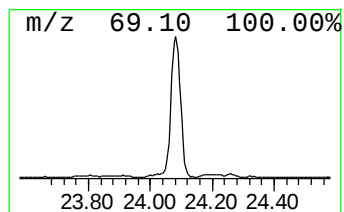
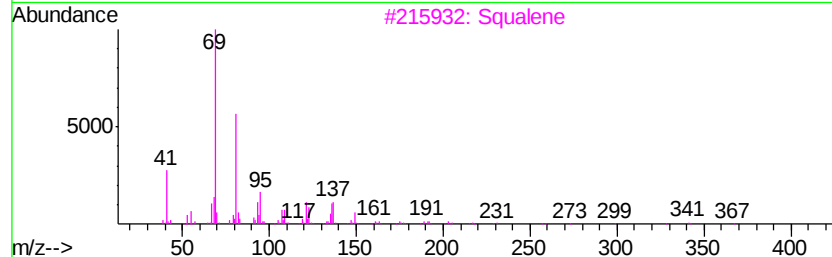
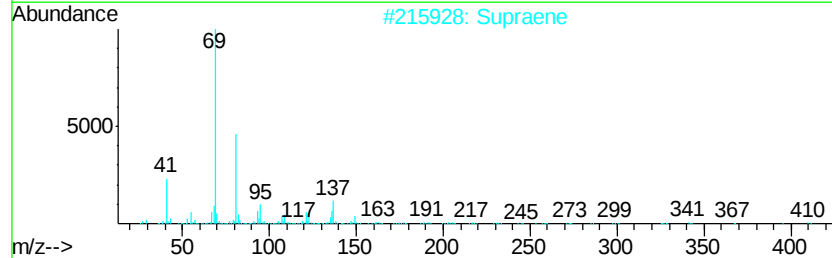
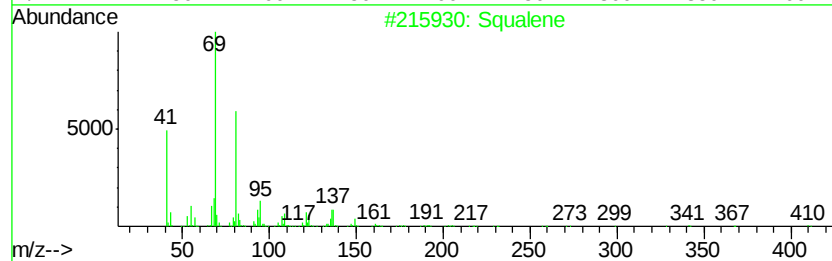
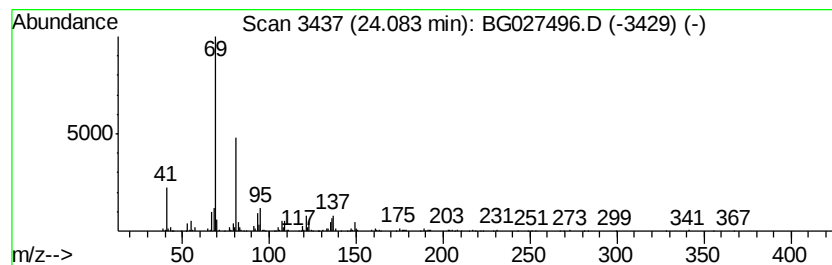
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	8.11 ng/ul	565008	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	72
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
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Misc :
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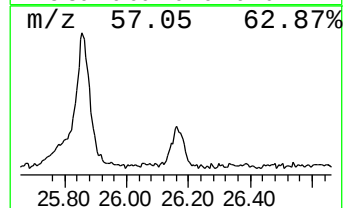
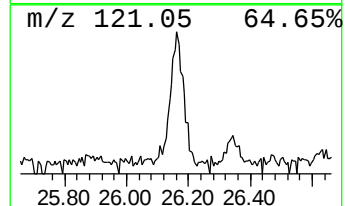
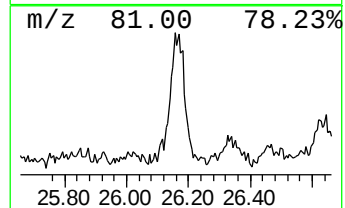
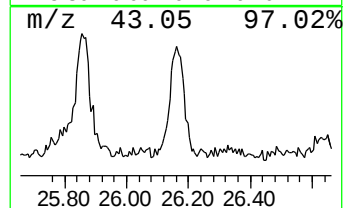
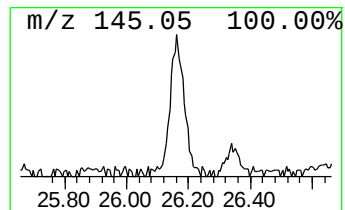
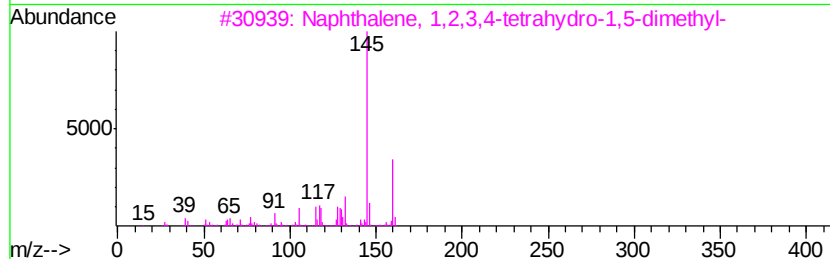
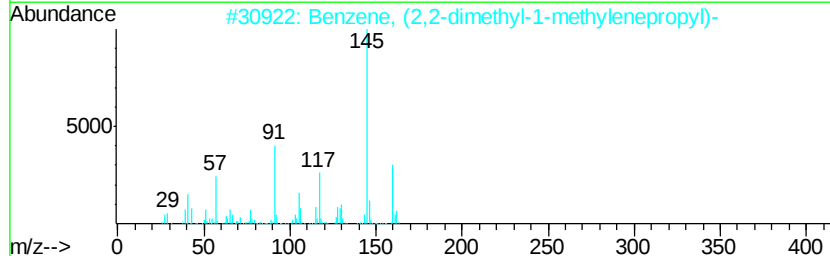
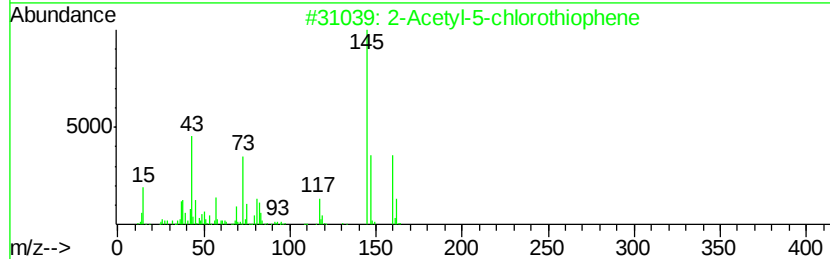
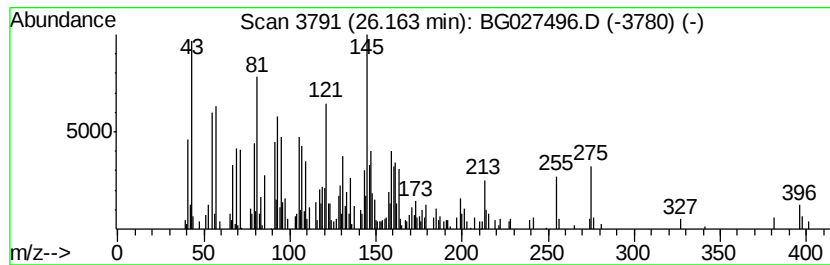
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.16	4.18 ng/ul	291409	Perylene-d12	25.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Acetyl-5-chlorothiophene	160	C6H5ClOS	006310-09-4	14
2			Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	11
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	11
4			Cyclopropane, 1-chloro-1,2-dimet...	180	C11H13Cl	1000154-03-9	10
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
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Misc :
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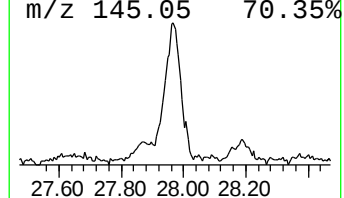
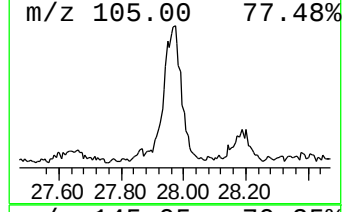
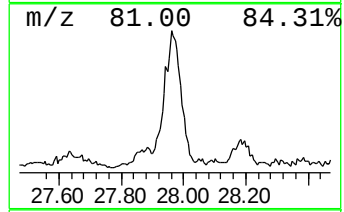
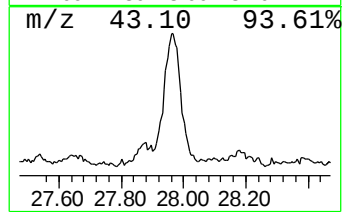
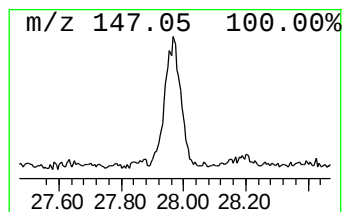
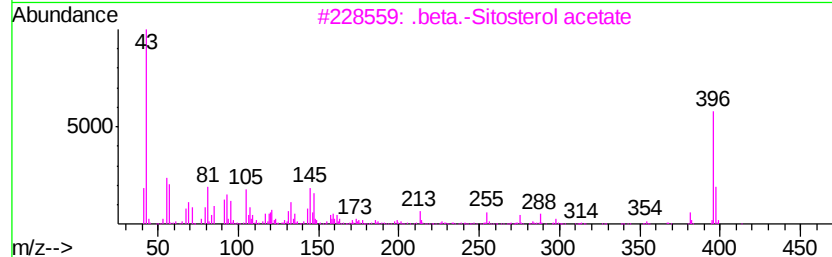
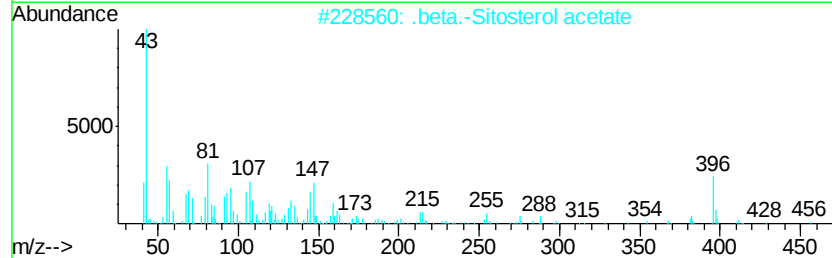
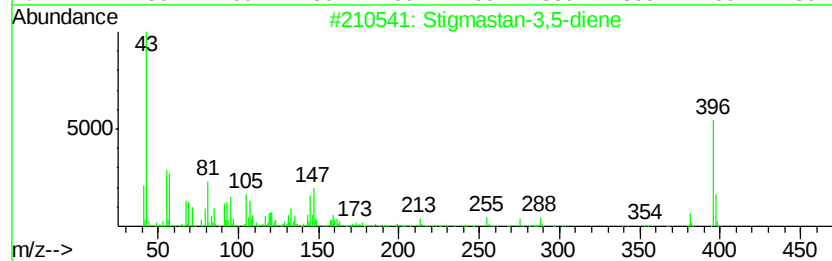
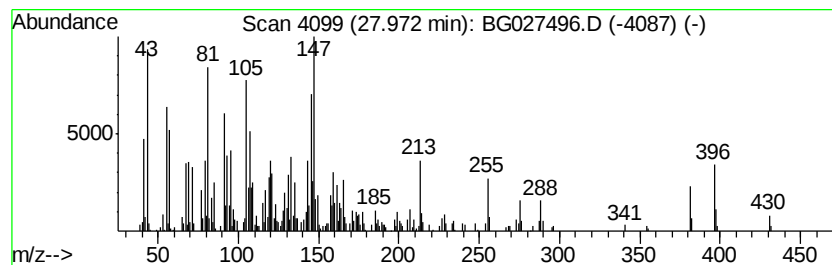
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Stigmastan-3,5-diene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.97	10.87 ng/ul	757778	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	55
2		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35
3		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35
4		Benzenepropanoic acid, .beta., .b...	206	C13H18O2	055683-10-8	14
5		1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
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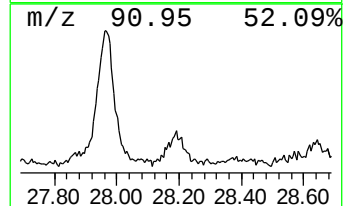
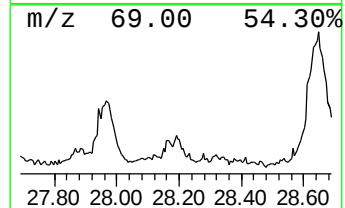
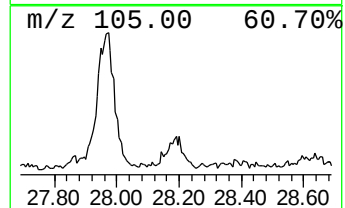
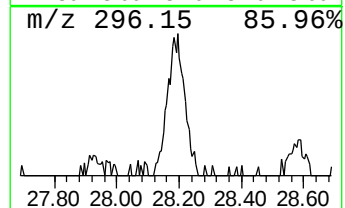
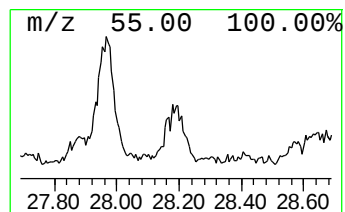
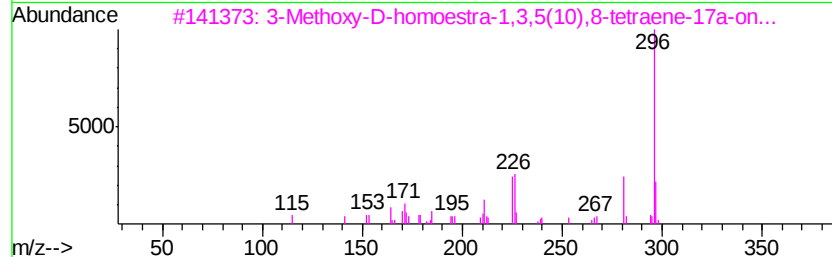
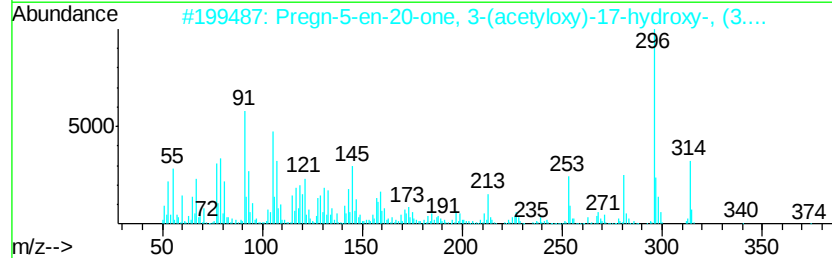
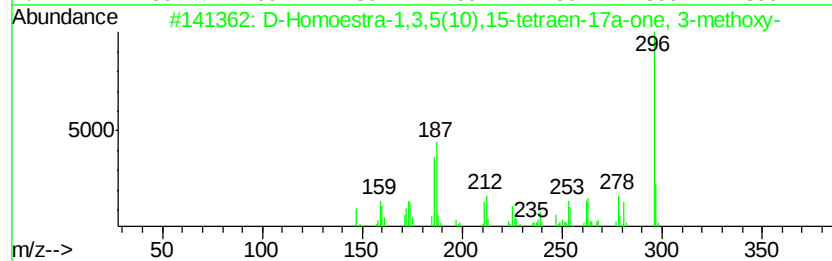
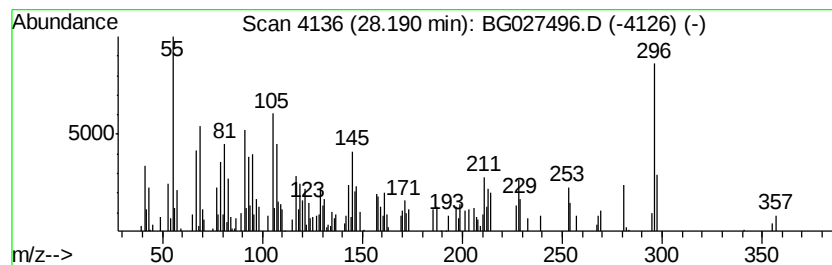
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 D-Homoestra-1,3,5(10),15-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.49 ng/ul	173415	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoestra-1,3,5(10),15-tetraen...	296	C20H24O2	054844-27-8	50
2		Pregn-5-en-20-one, 3-(acetyloxy)...	374	C23H34O4	001863-39-4	47
3		3-Methoxy-D-homoestra-1,3,5(10),...	296	C20H24O2	002000-72-8	43
4		N-Pyridin-3-yl-2-(3-trifluoromet...	296	C14H11F3N2O2	1000274-60-6	43
5		Pregn-5-ene-3.beta.-ol, 20-methy...	356	C24H36O2	1000148-67-7	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
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Operator : SJ/MA
Sample : I3600-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampled :
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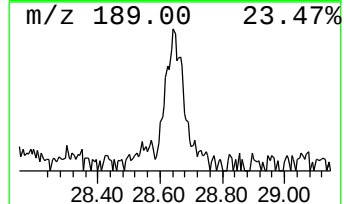
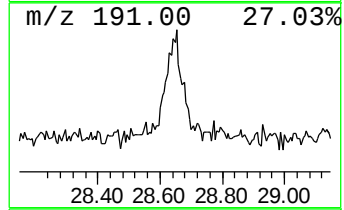
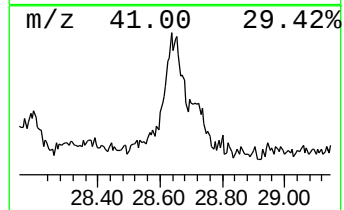
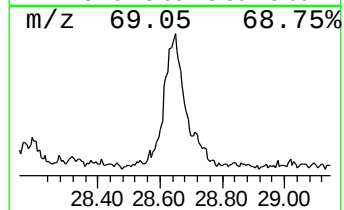
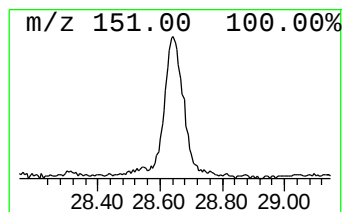
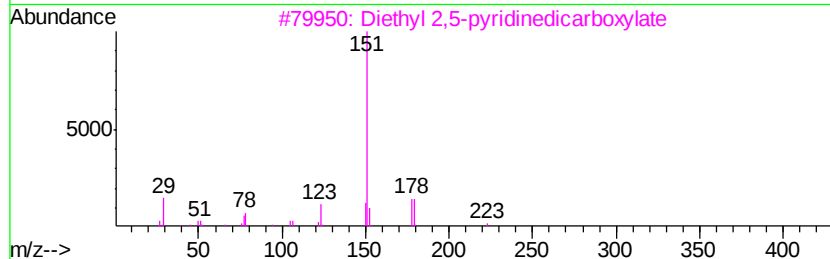
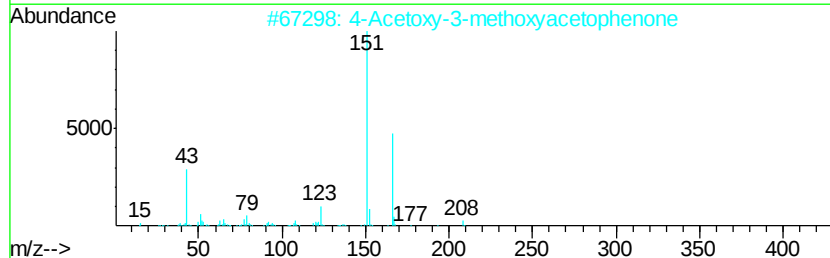
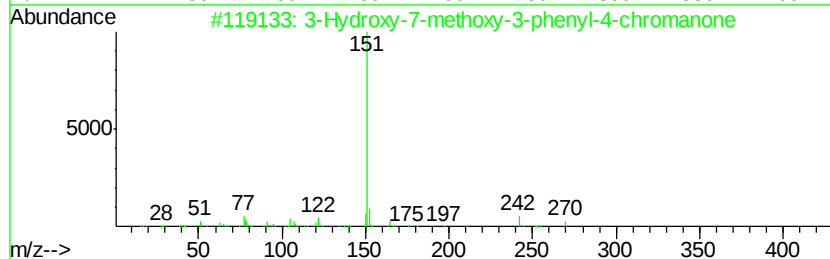
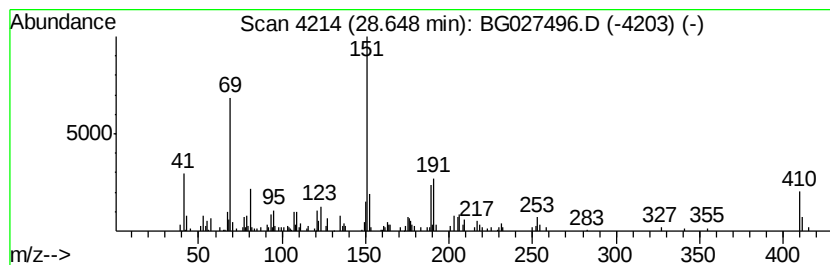
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.65	3.42 ng/ul	238276	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hydroxy-7-methoxy-3-phenyl-4-c...	270	C16H14O4	018380-57-9	43
2		4-Acetoxy-3-methoxyacetophenone	208	C11H12O4	054771-60-7	43
3		Diethyl 2,5-pyridinedicarboxylate	223	C11H13N04	005552-44-3	38
4		Diethyl 2,6-pyridinedicarboxylate	223	C11H13N04	015658-60-3	38
5		4-Acetoxy-3-methoxyacetophenone	208	C11H12O4	054771-60-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A15

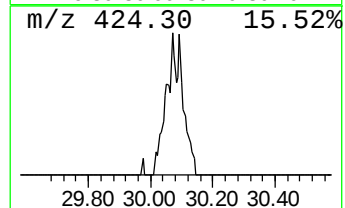
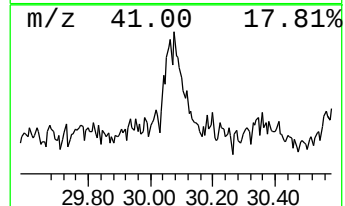
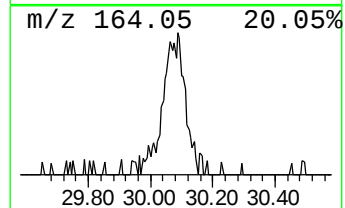
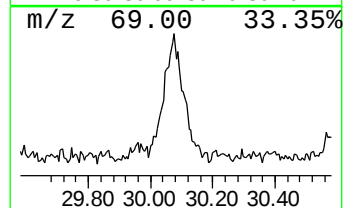
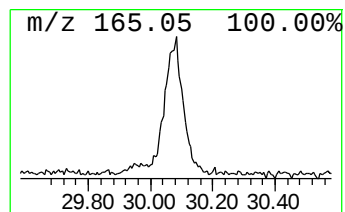
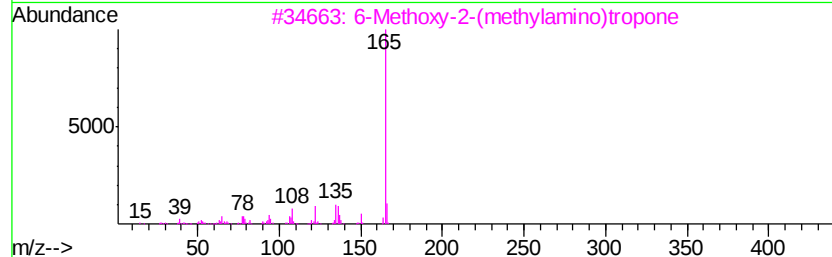
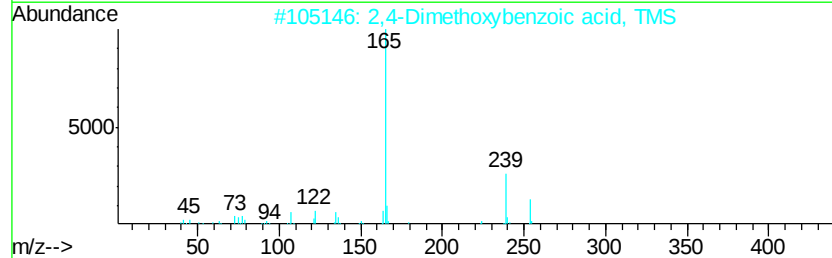
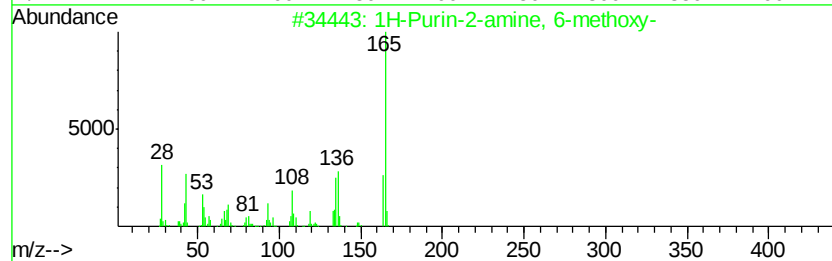
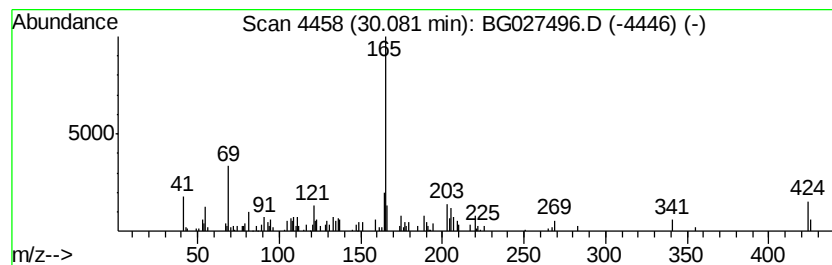
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.08	2.57 ng/ul	179328	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	43
2		2,4-Dimethoxybenzoic acid, TMS	254	C12H18O4Si	1000071-54-6	38
3		6-Methoxy-2-(methylamino)tropone	165	C9H11NO2	1000241-43-3	38
4		Benzene, 1-[(tert-butyldimethyls...	222	C13H22OSi	062790-85-6	38
5		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A15

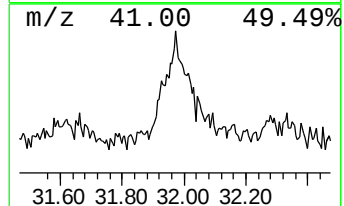
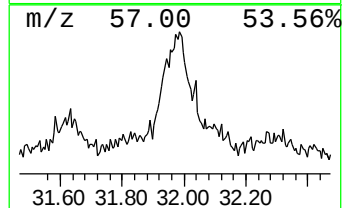
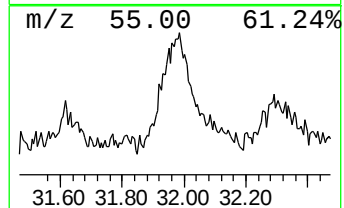
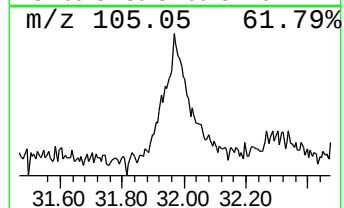
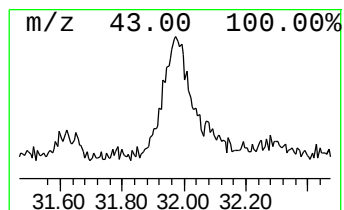
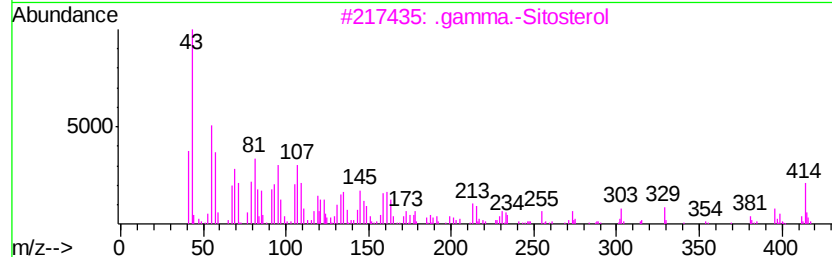
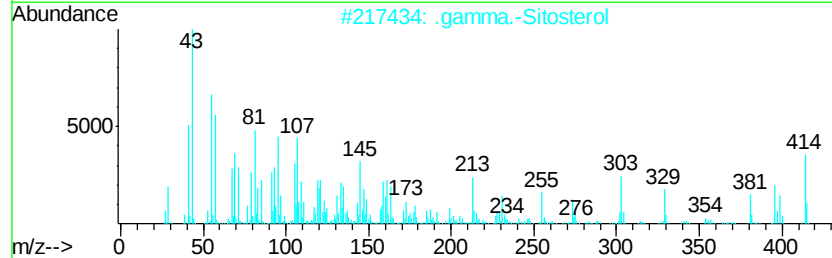
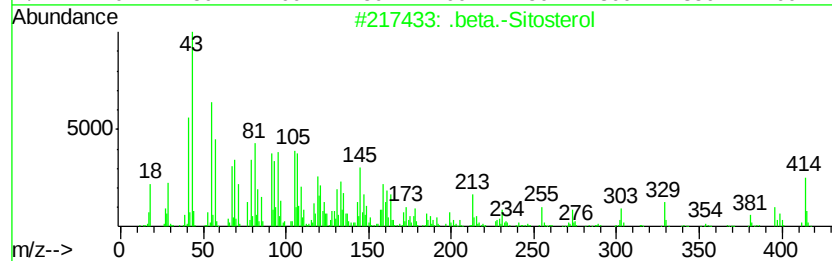
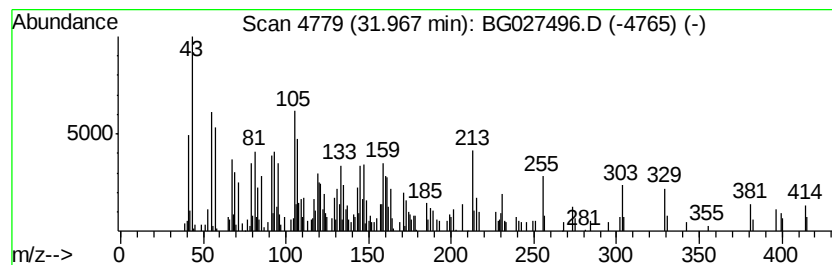
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.97	7.22 ng/ul	502941	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3		.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
4		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	60
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027496.D
 Acq On : 17 Jun 2017 7:16
 Operator : SJ/MA
 Sample : I3600-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A15

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
n-Butylethylenedi...	7.60	2.9	ng/ul	53164	1	8.52	362683	20.0
(DEL) Alkane: Str...	15.90	2.7	ng/ul	124202	3	15.10	908136	20.0
(DEL) Alkane: Str...	16.77	4.2	ng/ul	240622	4	17.85	1149040	20.0
1-Hexadecanol	18.58	2.0	ng/ul	116078	4	17.85	1149040	20.0
n-Hexadecanoic acid	18.70	29.8	ng/ul	1714070	4	17.85	1149040	20.0
9,12-Octadecadien...	19.82	37.5	ng/ul	2152300	4	17.85	1149040	20.0
Octadecanoic acid	19.96	35.5	ng/ul	2039600	4	17.85	1149040	20.0
9,12-Octadecadien...	21.09	7.8	ng/ul	514737	5	22.23	1319020	20.0
Tetradecanamide	21.23	2.9	ng/ul	193340	5	22.23	1319020	20.0
(DEL) Alkane: Cyc...	21.27	4.0	ng/ul	265246	5	22.23	1319020	20.0
1-Heneicosyl formate	21.79	3.1	ng/ul	201548	5	22.23	1319020	20.0
1,3-Benzenedicarb...	23.51	4.1	ng/ul	270486	5	22.23	1319020	20.0
Squalene	24.08	8.1	ng/ul	565008	6	25.89	1394020	20.0
unknown-01	26.16	4.2	ng/ul	291409	6	25.89	1394020	20.0
Stigmastan-3,5-diene	27.97	10.9	ng/ul	757778	6	25.89	1394020	20.0
D-Homoestra-1,3,5...	28.19	2.5	ng/ul	173415	6	25.89	1394020	20.0
unknown-02	28.65	3.4	ng/ul	238276	6	25.89	1394020	20.0
unknown-03	30.08	2.6	ng/ul	179328	6	25.89	1394020	20.0
.beta.-Sitosterol	31.97	7.2	ng/ul	502941	6	25.89	1394020	20.0