

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025640.D
 Acq On : 25 Jan 2017 19:00
 Operator : SJ/MA
 Sample : I1362-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN01

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\SOM02.2-EPA-BG011817.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	3.408	94	97	100	rVB4	7803	7942	0.34%	0.027%
2	3.508	110	114	125	rVB5	16582	28188	1.20%	0.095%
3	3.690	141	145	147	rVB4	7545	9966	0.42%	0.034%
4	3.796	159	163	165	rBV4	7113	8076	0.34%	0.027%
5	3.902	178	181	184	rBV4	7330	10315	0.44%	0.035%
6	4.101	213	215	220	rVB4	6277	8707	0.37%	0.029%
7	4.501	280	283	286	rVB4	8909	8211	0.35%	0.028%
8	4.871	341	346	351	rVB5	4842	9337	0.40%	0.031%
9	5.470	444	448	452	rBV5	5455	7746	0.33%	0.026%
10	6.581	635	637	642	rVB4	5938	9270	0.39%	0.031%
11	6.863	683	685	690	rVB4	5389	8631	0.37%	0.029%
12	7.339	757	766	784	rBV3	228998	583782	24.77%	1.969%
13	7.491	786	792	804	rVV	182796	320883	13.62%	1.082%
14	7.591	804	809	814	rVB4	5000	8621	0.37%	0.029%
15	7.703	818	828	840	rBV2	215805	445372	18.90%	1.502%
16	8.173	899	908	918	rBV	231462	450272	19.11%	1.519%
17	8.243	918	920	928	rVB6	6870	10866	0.46%	0.037%
18	8.696	996	997	1003	rBV2	4872	8250	0.35%	0.028%
19	8.896	1024	1031	1044	rBV2	258402	570147	24.20%	1.923%
20	9.001	1044	1049	1054	rVV8	4977	9697	0.41%	0.033%
21	9.278	1091	1096	1098	rBV3	6980	10060	0.43%	0.034%
22	9.360	1101	1110	1124	rBV	244187	507638	21.54%	1.712%
23	9.513	1130	1136	1138	rVB5	6487	12552	0.53%	0.042%
24	9.671	1158	1163	1170	rBV5	10985	21658	0.92%	0.073%
25	9.783	1178	1182	1185	rVB3	6349	8325	0.35%	0.028%
26	10.088	1222	1234	1247	rBV2	219890	477738	20.27%	1.611%
27	10.635	1320	1327	1348	rBV	269611	631016	26.78%	2.128%
28	10.893	1370	1371	1380	rVB5	4729	10241	0.43%	0.035%
29	11.005	1380	1390	1400	rBV	364319	694127	29.46%	2.341%
30	11.158	1406	1416	1432	rBV	228802	569377	24.16%	1.920%
31	11.974	1550	1555	1560	rVB4	4400	8227	0.35%	0.028%
32	12.051	1564	1568	1574	rBV6	8371	16663	0.71%	0.056%
33	12.168	1582	1588	1591	rBV3	6814	13124	0.56%	0.044%
34	12.609	1659	1663	1667	rVV5	7440	12805	0.54%	0.043%

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35	12.873	1706	1708	1714	rVB3	5408	8703	0.37%	0.029%
36	13.302	1778	1781	1787	rBV5	5905	12284	0.52%	0.041%
37	13.390	1793	1796	1802	rVB4	8308	13484	0.57%	0.045%
38	13.584	1822	1829	1836	rVB5	9170	21573	0.92%	0.073%
39	13.907	1880	1884	1891	rVB4	5208	8604	0.37%	0.029%
40	14.201	1927	1934	1939	rBV	724974	1123597	47.68%	3.790%
41	14.248	1939	1942	1953	rVB2	141850	232039	9.85%	0.783%
42	14.430	1966	1973	1975	rBV4	7620	10164	0.43%	0.034%
43	14.507	1979	1986	1996	rBV	720764	1203764	51.08%	4.060%
44	14.648	2005	2010	2017	rBV5	19934	30106	1.28%	0.102%
45	14.806	2028	2037	2044	rVB	689573	1126919	47.82%	3.801%
46	14.989	2061	2068	2071	rVB5	7153	12460	0.53%	0.042%
47	15.053	2072	2079	2102	rBV3	163579	553301	23.48%	1.866%
48	15.206	2102	2105	2108	rVB5	8206	11114	0.47%	0.037%
49	15.476	2147	2151	2155	rBV6	5566	10319	0.44%	0.035%
50	15.553	2159	2164	2167	rBV5	8086	12151	0.52%	0.041%
51	15.594	2167	2171	2177	rVV2	55069	64812	2.75%	0.219%
52	15.641	2177	2179	2187	rVB9	8143	9384	0.40%	0.032%
53	15.793	2195	2205	2216	rBV	1057565	1662955	70.57%	5.609%
54	15.940	2223	2230	2243	rBV2	283834	601284	25.52%	2.028%
55	16.040	2243	2247	2254	rVB7	17732	37410	1.59%	0.126%
56	16.146	2261	2265	2268	rBV5	9042	13619	0.58%	0.046%
57	16.217	2273	2277	2283	rVB6	9709	19375	0.82%	0.065%
58	16.287	2283	2289	2292	rBV8	6444	11612	0.49%	0.039%
59	16.452	2312	2317	2325	rBV2	64499	113134	4.80%	0.382%
60	16.604	2340	2343	2345	rBV4	11792	12745	0.54%	0.043%
61	16.781	2371	2373	2375	rBV3	9231	10431	0.44%	0.035%
62	16.951	2401	2402	2407	rBV4	8255	11396	0.48%	0.038%
63	17.027	2412	2415	2418	rVB5	7413	10088	0.43%	0.034%
64	17.245	2444	2452	2456	rBV2	56821	77904	3.31%	0.263%
65	17.292	2457	2460	2465	rVV7	16775	25278	1.07%	0.085%
66	17.350	2465	2470	2475	rVB5	13699	22052	0.94%	0.074%
67	17.403	2477	2479	2483	rBV5	10001	11389	0.48%	0.038%
68	17.550	2497	2504	2513	rBV2	953773	1521025	64.55%	5.130%
69	17.656	2514	2522	2538	rVB	1180181	1916177	81.32%	6.463%
70	17.850	2553	2555	2559	rVB4	7532	9378	0.40%	0.032%
71	17.897	2559	2563	2568	rVB7	7977	12494	0.53%	0.042%

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72	17.985	2572	2578	2583	rBV4	23069	40323	1.71%	0.136%
73	18.114	2599	2600	2604	rBV4	8131	8044	0.34%	0.027%
74	18.173	2605	2610	2615	rVB8	6835	11111	0.47%	0.037%
75	18.255	2618	2624	2629	rBV8	9747	23838	1.01%	0.080%
76	18.396	2643	2648	2657	rBV6	51981	94844	4.02%	0.320%
77	18.578	2676	2679	2684	rBV6	13192	22378	0.95%	0.075%
78	18.708	2695	2701	2704	rBV7	17886	25637	1.09%	0.086%
79	18.796	2714	2716	2719	rBV4	8075	9442	0.40%	0.032%
80	18.837	2721	2723	2726	rBV4	6512	7563	0.32%	0.026%
81	19.090	2764	2766	2769	rBV4	5699	7605	0.32%	0.026%
82	19.577	2842	2849	2853	rBV5	23312	42868	1.82%	0.145%
83	19.613	2853	2855	2858	rBV4	5343	7833	0.33%	0.026%
84	19.660	2859	2863	2868	rVV8	10317	20798	0.88%	0.070%
85	19.789	2880	2885	2895	rBV	1720032	1971902	83.68%	6.651%
86	19.930	2901	2909	2919	rBV2	1521214	2356410	100.00%	7.948%
87	20.770	3050	3052	3054	rBV3	9335	9066	0.38%	0.031%
88	20.823	3056	3061	3069	rBV	1367578	1587025	67.35%	5.353%
89	21.428	3158	3164	3170	rBV9	36626	97390	4.13%	0.328%
90	21.845	3228	3235	3247	rBV	1011611	1904350	80.82%	6.423%
91	23.291	3477	3481	3488	rBV9	36567	67412	2.86%	0.227%
92	24.119	3617	3622	3633	rVB6	64915	138121	5.86%	0.466%
93	24.994	3760	3771	3783	rBV2	754342	2263116	96.04%	7.633%
94	25.088	3783	3787	3796	rVB5	73347	178003	7.55%	0.600%
95	25.229	3802	3811	3827	rVB	591601	1853993	78.68%	6.253%
96	26.264	3980	3987	3999	rVB6	69346	242435	10.29%	0.818%
97	27.662	4218	4225	4237	rVB6	64532	225162	9.56%	0.759%
98	29.348	4505	4512	4526	rVB7	46902	179044	7.60%	0.604%
99	31.387	4850	4859	4874	rVB7	38786	152750	6.48%	0.515%
100	32.333	5019	5020	5025	rVB5	15363	18695	0.79%	0.063%

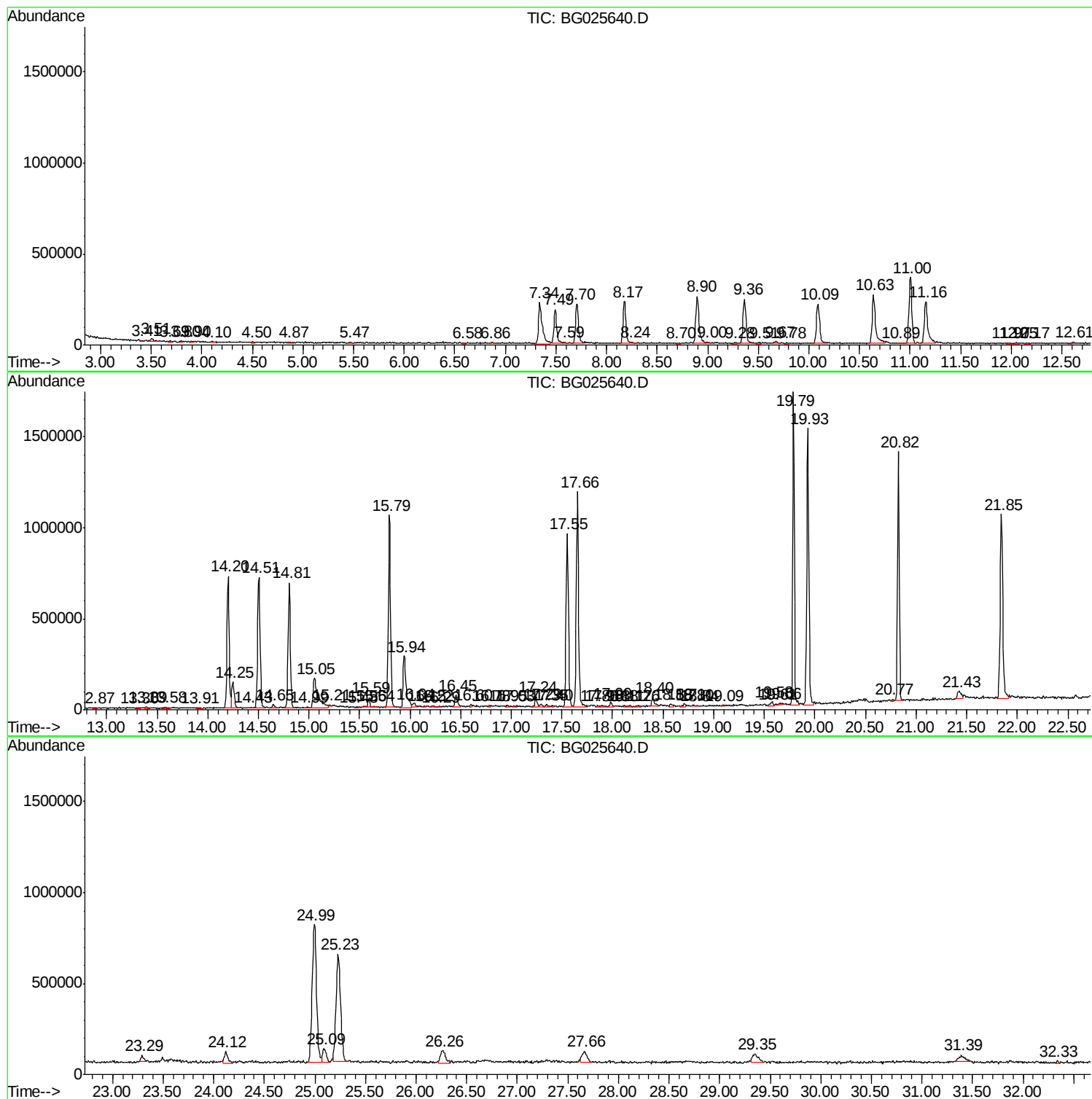
Sum of corrected areas: 29649512

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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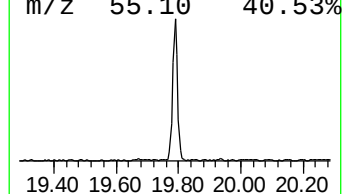
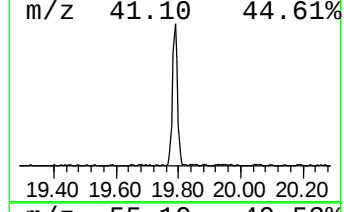
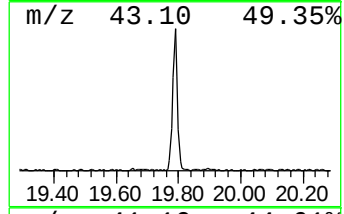
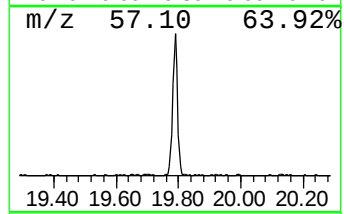
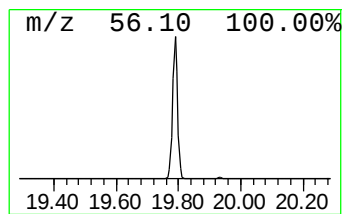
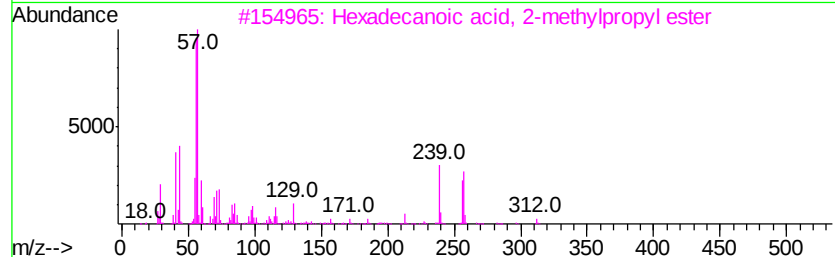
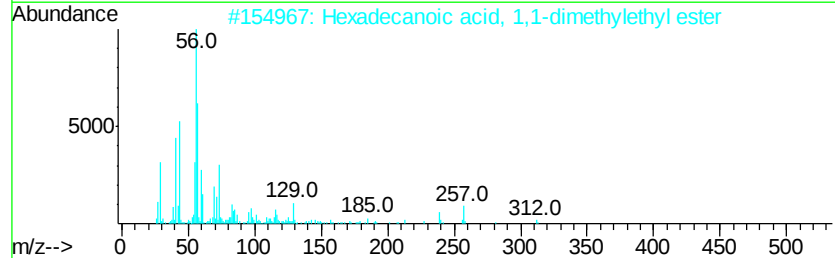
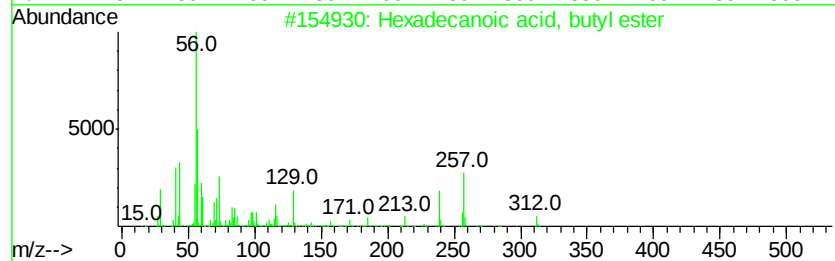
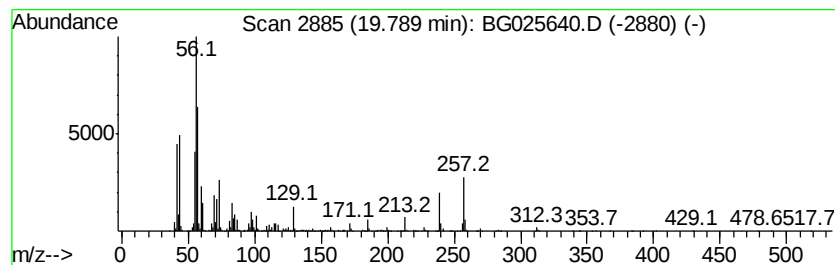
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	20.71 ng/ul	1971900	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	43
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27



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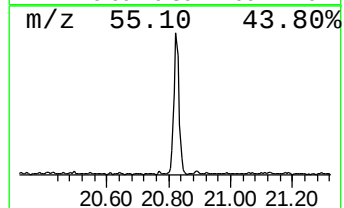
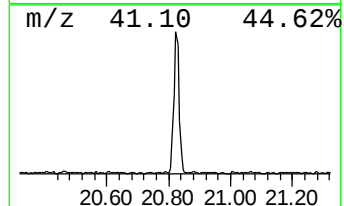
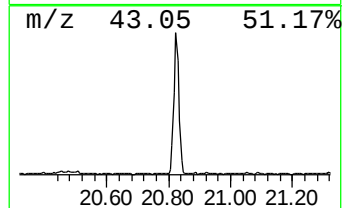
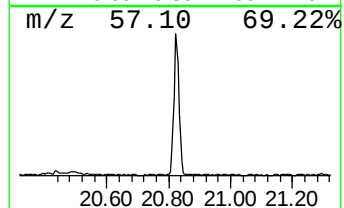
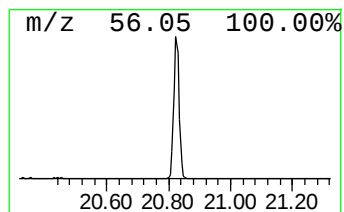
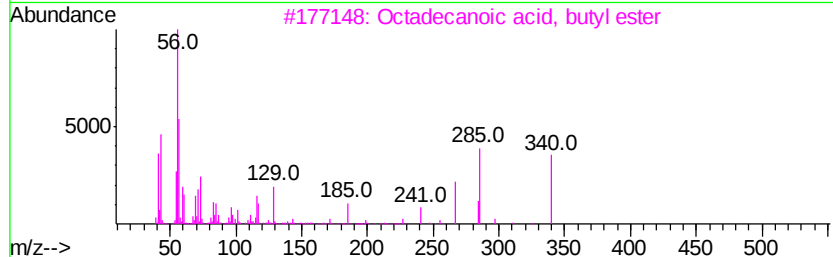
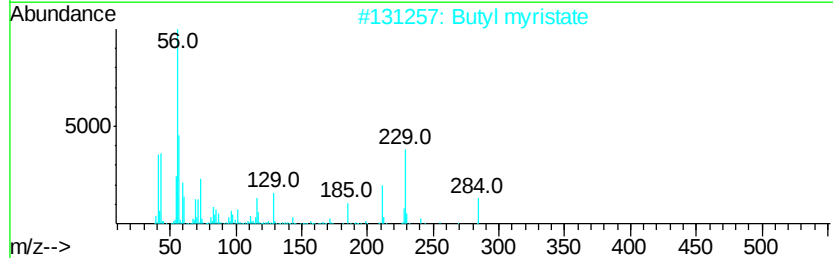
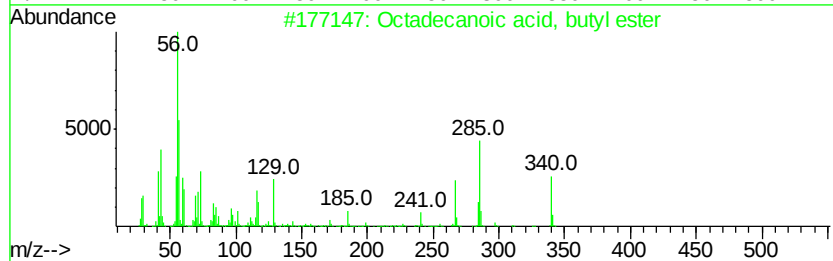
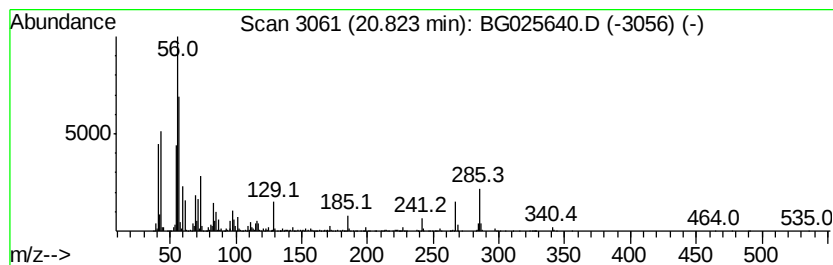
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	16.67 ng/ul	1587030	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	47
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38



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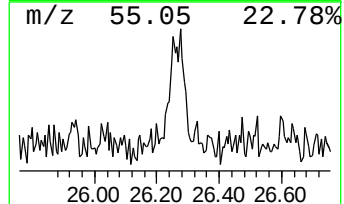
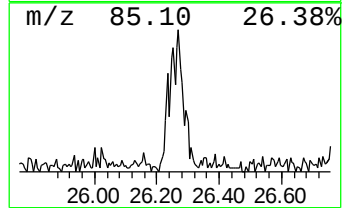
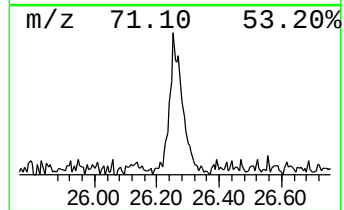
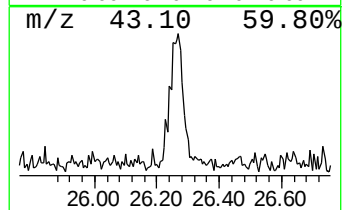
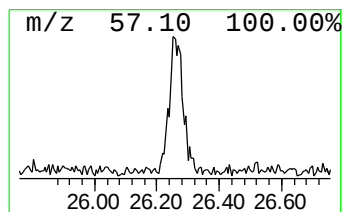
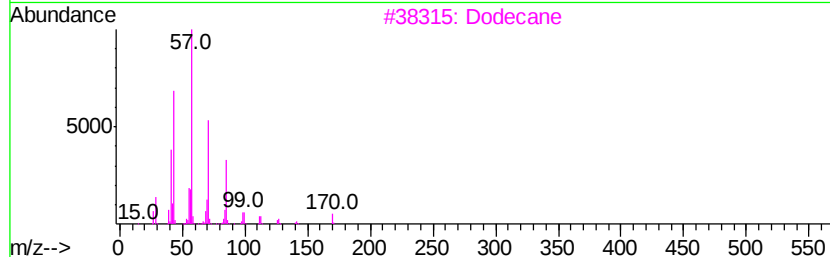
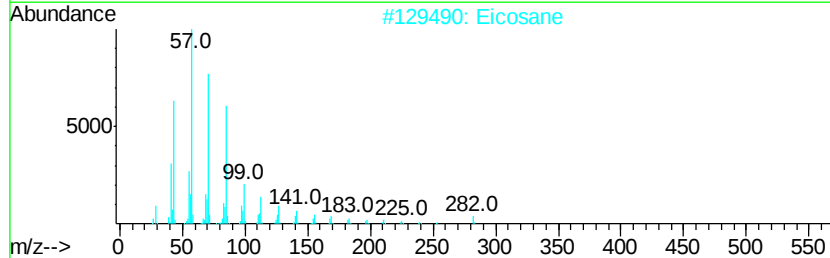
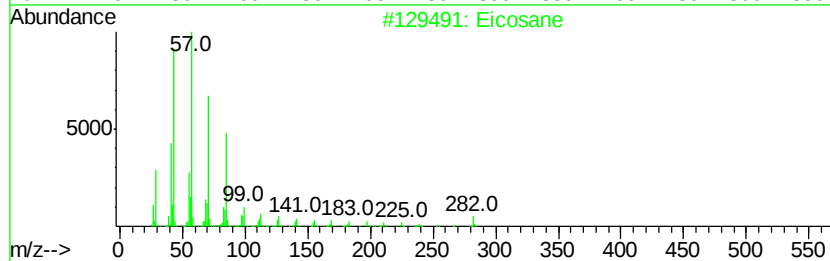
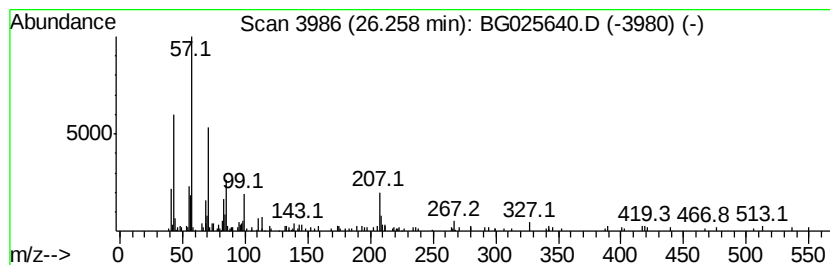
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	2.62 ng/ul	242435	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	78
2		Eicosane	282	C20H42	000112-95-8	53
3		Dodecane	170	C12H26	000112-40-3	53
4		Nonadecane	268	C19H40	000629-92-5	49
5		Eicosane	282	C20H42	000112-95-8	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025640.D
Acq On : 25 Jan 2017 19:00
Operator : SJ/MA
Sample : I1362-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN01

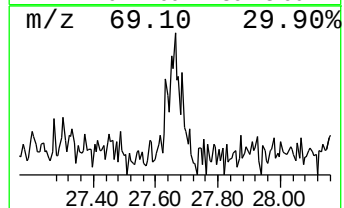
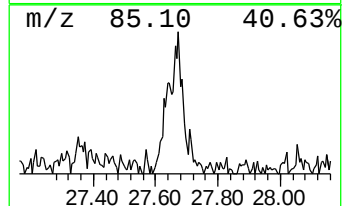
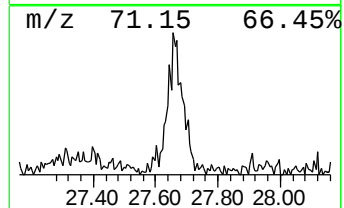
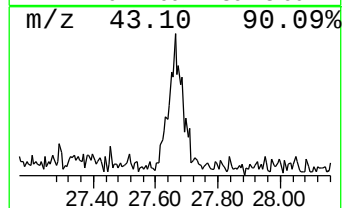
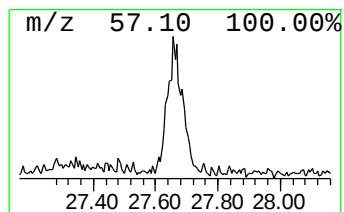
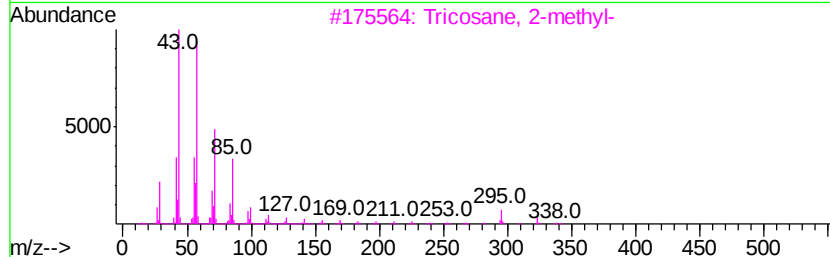
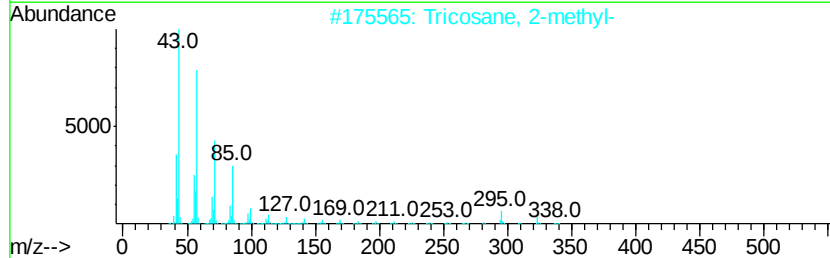
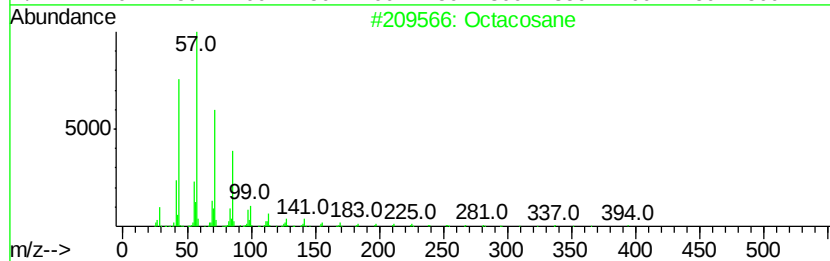
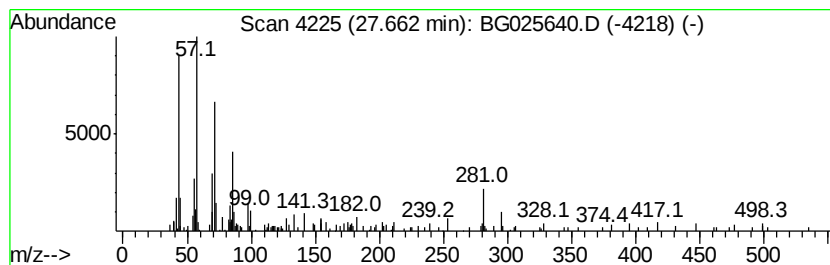
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	2.43 ng/ul	225162	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	60
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	52
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	50
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	50
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025640.D
Acq On : 25 Jan 2017 19:00
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Sample : I1362-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
Hexadecanoic acid...	19.79	20.7	ng/ul	1971900	5	21.85	1904350	20.0
Octadecanoic acid...	20.82	16.7	ng/ul	1587030	5	21.85	1904350	20.0
(DEL) Alkane: Str...	26.26	2.6	ng/ul	242435	6	25.23	1853990	20.0
(DEL) Alkane: Str...	27.66	2.4	ng/ul	225162	6	25.23	1853990	20.0