

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025620.D
 Acq On : 24 Jan 2017 23:08
 Operator : UM/SJ
 Sample : I1316-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP22

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	3.510	109	114	120	rBV8	20948	38902	1.01%	0.096%
2	3.662	135	140	142	rVB3	8313	13145	0.34%	0.032%
3	3.915	179	183	186	rBV6	5410	10261	0.27%	0.025%
4	4.203	228	232	235	rBV4	6683	7783	0.20%	0.019%
5	4.385	259	263	266	rBV6	6343	10139	0.26%	0.025%
6	4.973	358	363	368	rBV5	4505	8633	0.23%	0.021%
7	5.237	404	408	411	rBV4	7583	10991	0.29%	0.027%
8	5.478	448	449	455	rVB4	4702	7722	0.20%	0.019%
9	5.525	455	457	463	rBV3	5891	10524	0.27%	0.026%
10	6.189	569	570	576	rBV5	7826	12753	0.33%	0.031%
11	6.265	578	583	586	rVB4	5398	10323	0.27%	0.025%
12	6.359	594	599	600	rBV3	6967	8870	0.23%	0.022%
13	6.459	610	616	617	rBV3	5463	9157	0.24%	0.023%
14	6.911	688	693	696	rBV4	4594	8234	0.21%	0.020%
15	7.340	755	766	784	rBV2	347843	843681	22.00%	2.074%
16	7.493	784	792	804	rBV	272652	503909	13.14%	1.239%
17	7.587	806	808	818	rVB9	6301	8058	0.21%	0.020%
18	7.710	820	829	839	rBV2	343556	661163	17.24%	1.625%
19	8.175	900	908	922	rBV2	282254	517633	13.50%	1.273%
20	8.580	975	977	984	rBV3	4997	8350	0.22%	0.021%
21	8.891	1022	1030	1048	rBV	454444	896026	23.36%	2.203%
22	9.168	1073	1077	1081	rVB6	5586	8781	0.23%	0.022%
23	9.361	1102	1110	1122	rBV	416720	794656	20.72%	1.954%
24	9.497	1126	1133	1136	rBV5	5964	12874	0.34%	0.032%
25	9.673	1159	1163	1171	rBV3	16334	28682	0.75%	0.071%
26	10.084	1224	1233	1244	rBV2	371581	721819	18.82%	1.774%
27	10.566	1311	1315	1319	rVB4	5028	8236	0.21%	0.020%
28	10.636	1319	1327	1341	rBV2	475967	993750	25.91%	2.443%
29	11.007	1380	1390	1401	rBV2	433322	838553	21.86%	2.061%
30	11.154	1406	1415	1439	rBV	437344	1003385	26.16%	2.467%
31	12.511	1643	1646	1651	rVB5	5558	7943	0.21%	0.020%
32	12.599	1658	1661	1666	rVB5	8814	14754	0.38%	0.036%
33	13.151	1752	1755	1762	rBV7	5446	9261	0.24%	0.023%
34	13.398	1791	1797	1801	rBV4	5402	9406	0.25%	0.023%

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35	13.445	1802	1805	1813	rVB4	7595	13827	0.36%	0.034%
36	13.580	1823	1828	1830	rBV4	6774	7670	0.20%	0.019%
37	13.651	1838	1840	1847	rVB5	6917	14940	0.39%	0.037%
38	13.739	1847	1855	1856	rBV3	6853	13727	0.36%	0.034%
39	14.203	1925	1934	1938	rBV	1201467	1786476	46.58%	4.392%
40	14.250	1939	1942	1955	rVB2	269568	411586	10.73%	1.012%
41	14.450	1969	1976	1977	rVB5	6699	10381	0.27%	0.026%
42	14.508	1977	1986	2005	rBV	1151185	1984129	51.73%	4.878%
43	14.649	2005	2010	2015	rVB4	25939	35256	0.92%	0.087%
44	14.808	2030	2037	2046	rVB	843170	1348053	35.15%	3.314%
45	14.943	2058	2060	2064	rBV3	6362	7980	0.21%	0.020%
46	15.043	2070	2077	2092	rBV2	339654	883271	23.03%	2.171%
47	15.202	2102	2104	2108	rVB5	13442	11821	0.31%	0.029%
48	15.443	2139	2145	2147	rBV7	7074	8156	0.21%	0.020%
49	15.554	2159	2164	2166	rBV4	17450	24387	0.64%	0.060%
50	15.595	2166	2171	2177	rVB	64210	77338	2.02%	0.190%
51	15.795	2197	2205	2217	rVB	1645103	2646699	69.01%	6.507%
52	15.942	2224	2230	2242	rBV	559052	1037983	27.06%	2.552%
53	16.036	2243	2246	2254	rVB5	33360	50779	1.32%	0.125%
54	16.148	2263	2265	2268	rVB4	8876	9555	0.25%	0.023%
55	16.206	2274	2275	2280	rBV4	8176	9413	0.25%	0.023%
56	16.412	2304	2310	2311	rBV5	6561	10638	0.28%	0.026%
57	16.453	2311	2317	2325	rBV2	83605	148873	3.88%	0.366%
58	16.582	2335	2339	2340	rBV4	6843	8344	0.22%	0.021%
59	16.723	2359	2363	2364	rBV4	8505	8795	0.23%	0.022%
60	16.800	2371	2376	2381	rBV9	6579	13508	0.35%	0.033%
61	16.847	2383	2384	2391	rVB6	10260	17527	0.46%	0.043%
62	16.917	2391	2396	2399	rBV7	10139	16680	0.43%	0.041%
63	16.964	2400	2404	2407	rVB5	8701	14412	0.38%	0.035%
64	17.070	2420	2422	2426	rBV5	11671	14319	0.37%	0.035%
65	17.246	2445	2452	2456	rBV	84317	114027	2.97%	0.280%
66	17.288	2456	2459	2465	rVB5	27732	40521	1.06%	0.100%
67	17.346	2466	2469	2474	rVB7	10500	16628	0.43%	0.041%
68	17.487	2489	2493	2496	rVB4	8313	13222	0.34%	0.033%
69	17.552	2496	2504	2514	rBV	1171782	1836932	47.89%	4.516%
70	17.652	2514	2521	2535	rVB	1874465	3045035	79.39%	7.486%
71	17.781	2540	2543	2548	rBV7	9021	13911	0.36%	0.034%

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72	17.910	2559	2565	2567	rBV6	8164	13203	0.34%	0.032%
73	17.981	2572	2577	2583	rVB	81456	104609	2.73%	0.257%
74	18.263	2620	2625	2627	rBV5	13432	18767	0.49%	0.046%
75	18.392	2641	2647	2657	rBV3	88566	179495	4.68%	0.441%
76	18.480	2657	2662	2667	rVV4	22117	41361	1.08%	0.102%
77	18.580	2675	2679	2682	rVB6	14770	21556	0.56%	0.053%
78	18.662	2691	2693	2697	rVB4	14504	19429	0.51%	0.048%
79	18.703	2698	2700	2704	rVB4	8558	11667	0.30%	0.029%
80	18.809	2714	2718	2721	rVB6	12562	11794	0.31%	0.029%
81	19.362	2809	2812	2816	rVB6	9337	12202	0.32%	0.030%
82	19.503	2834	2836	2839	rVB3	11079	10360	0.27%	0.025%
83	19.532	2839	2841	2842	rBV2	11523	8247	0.22%	0.020%
84	19.573	2844	2848	2857	rVB3	28509	55248	1.44%	0.136%
85	19.655	2858	2862	2868	rBV9	22662	42739	1.11%	0.105%
86	19.702	2868	2870	2873	rBV3	11444	13576	0.35%	0.033%
87	19.790	2879	2885	2898	rBV	1484016	1774439	46.26%	4.362%
88	19.931	2902	2909	2918	rBV	2537584	3661615	95.47%	9.002%
89	20.825	3057	3061	3069	rVB	1216851	1438465	37.50%	3.536%
90	21.412	3156	3161	3172	rBV	75244	229256	5.98%	0.564%
91	21.665	3202	3204	3209	rBV5	13558	14679	0.38%	0.036%
92	21.847	3227	3235	3247	rBV	1268617	2232357	58.20%	5.488%
93	22.099	3275	3278	3285	rVB8	27489	44963	1.17%	0.111%
94	23.298	3478	3482	3493	rVB8	48237	127428	3.32%	0.313%
95	24.127	3618	3623	3632	rVB5	56506	120085	3.13%	0.295%
96	25.002	3760	3772	3782	rBV2	1312416	3835427	100.00%	9.429%
97	25.102	3784	3789	3798	rVB5	74657	202727	5.29%	0.498%
98	25.231	3801	3811	3826	rVB2	705626	2150041	56.06%	5.286%
99	26.265	3981	3987	4001	rVB5	80542	275111	7.17%	0.676%
100	27.669	4220	4226	4237	rVB8	72435	221361	5.77%	0.544%

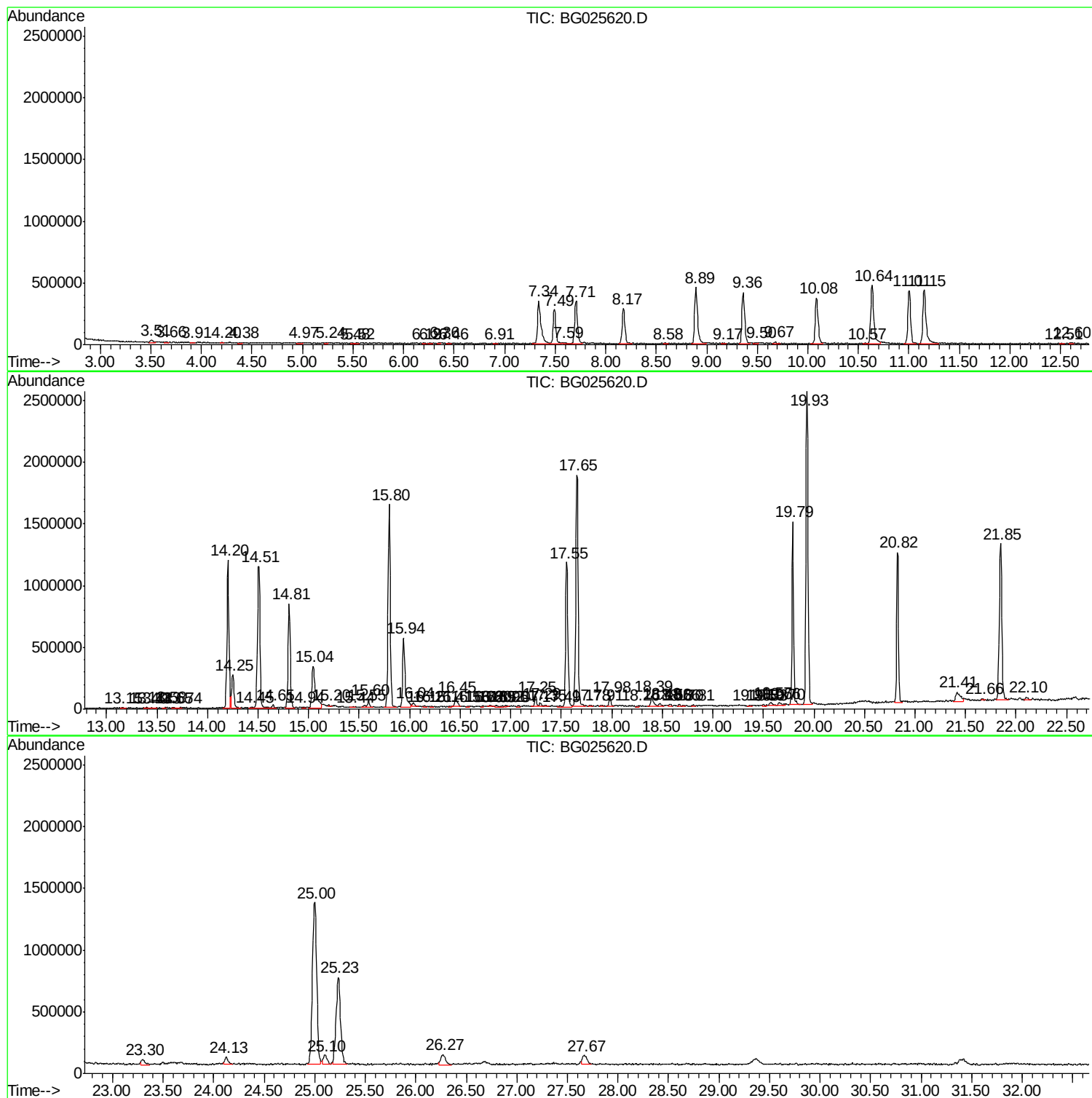
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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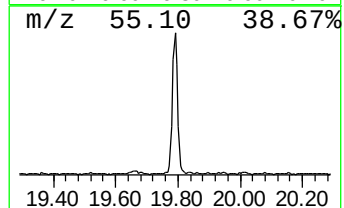
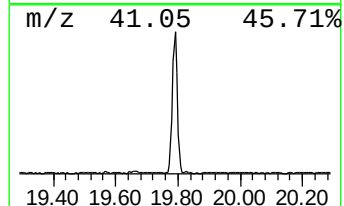
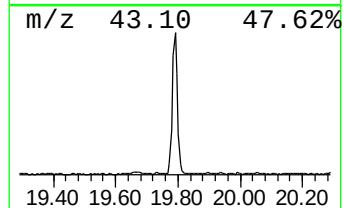
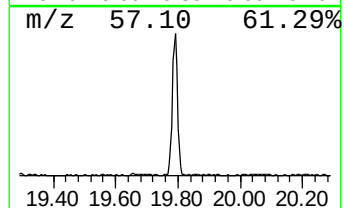
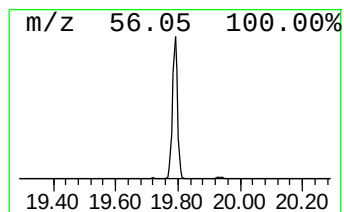
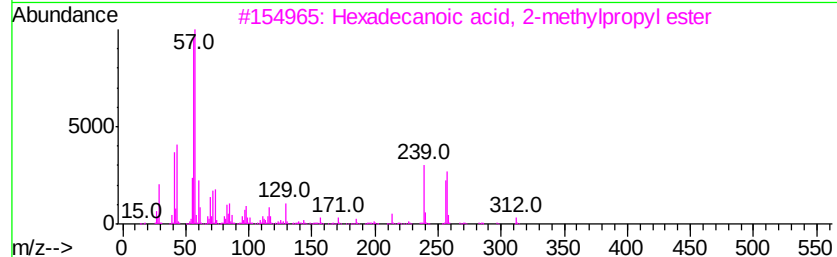
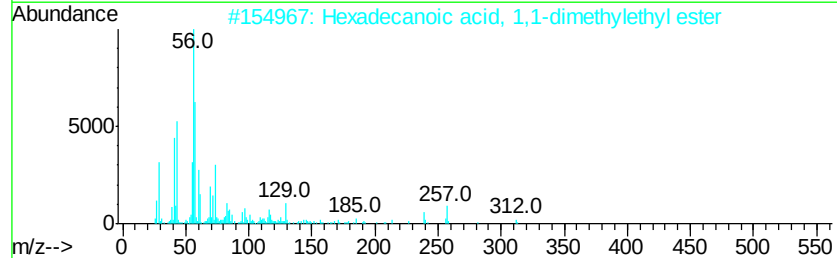
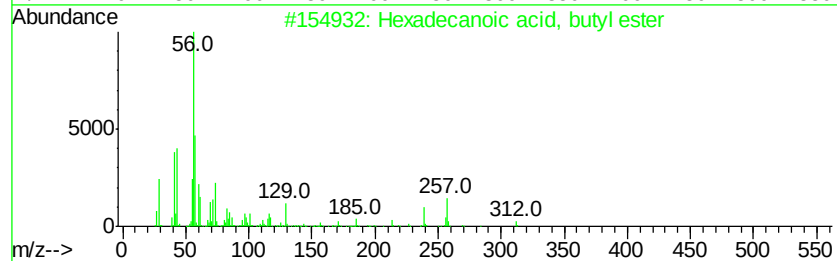
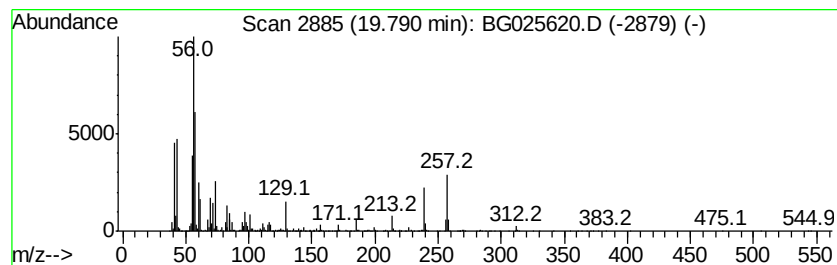
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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	15.90 ng/ul	1774440	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	93
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
5		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



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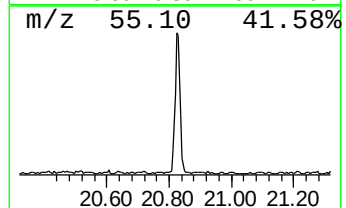
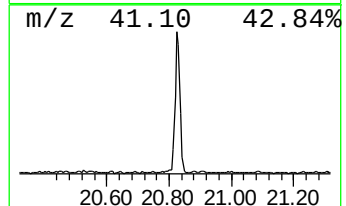
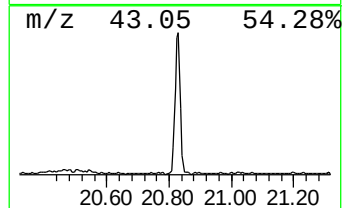
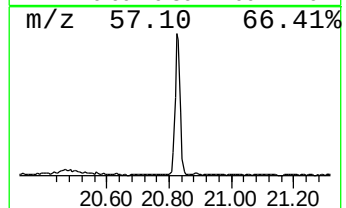
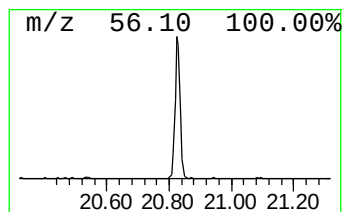
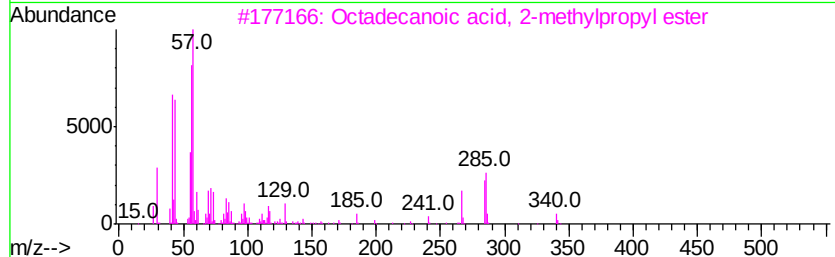
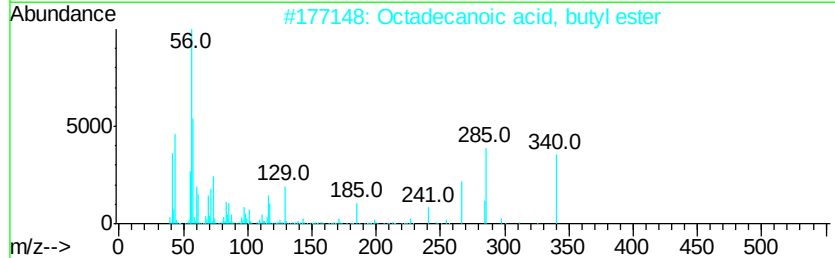
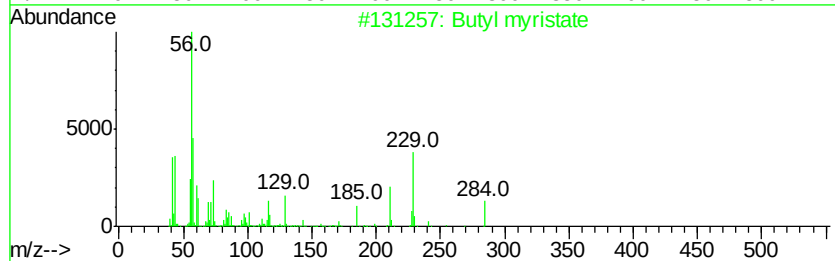
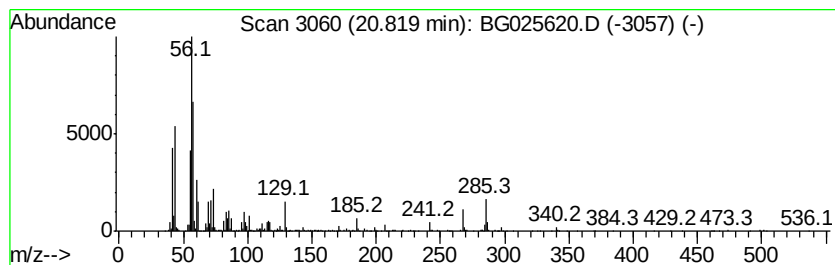
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	12.89 ng/ul	1438470	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl myristate	284	C18H36O2	000110-36-1	64
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	45
4		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
5		2-Methyl-1-octadecene	266	C19H38	061868-20-0	32



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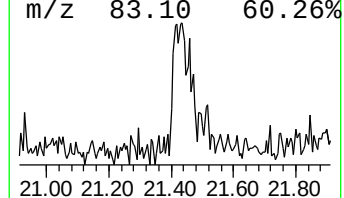
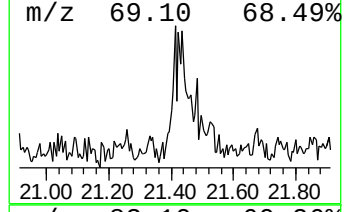
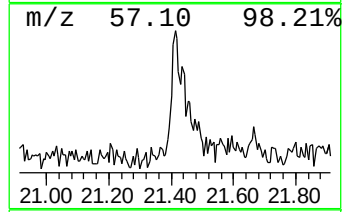
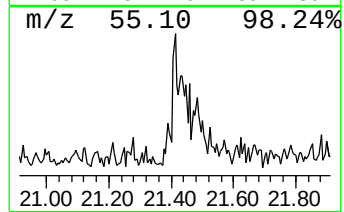
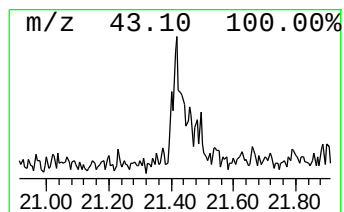
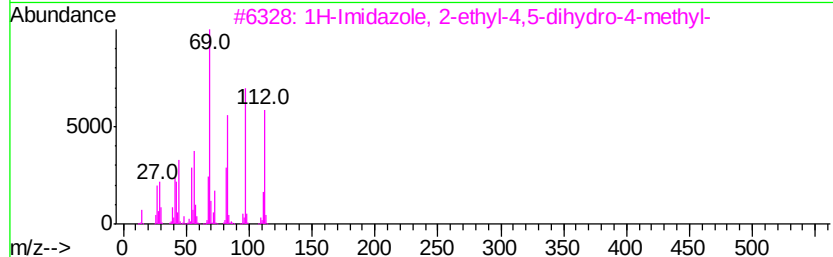
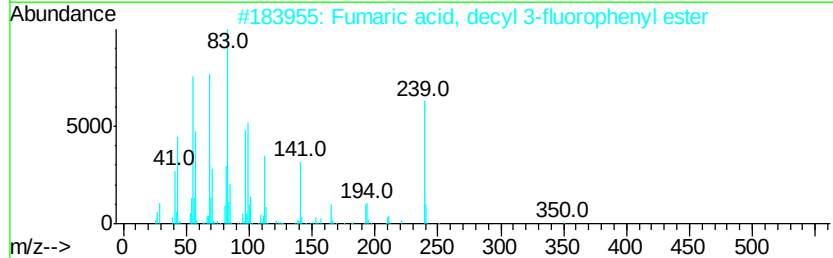
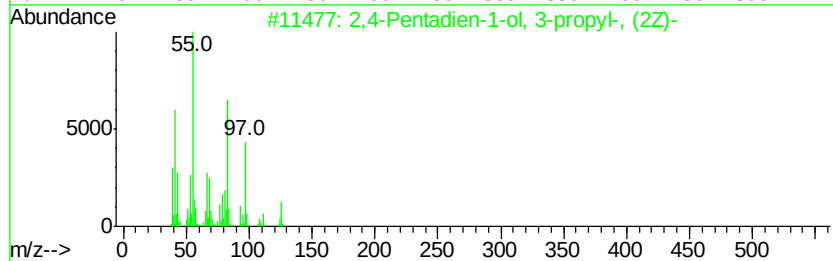
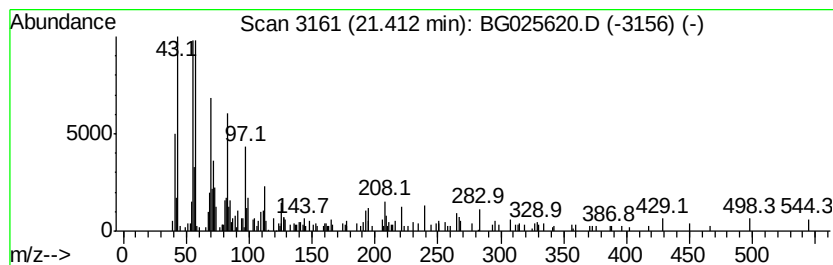
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2,4-Pentadien-1-ol, 3-propyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.41	2.05 ng/ul	229256	Chrysene-d12	21.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	50
2	Fumaric acid, decyl 3-fluorophen...	350	C20H27FO4	1000345-20-7	49
3	1H-Imidazole, 2-ethyl-4,5-dihvdr...	112	C6H12N2	000931-35-1	43
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	43
5	1-Hexadecanone, 1-cyclopentyl-	308	C21H40O	055255-86-2	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025620.D
Acq On : 24 Jan 2017 23:08
Operator : UM/SJ
Sample : I1316-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP22

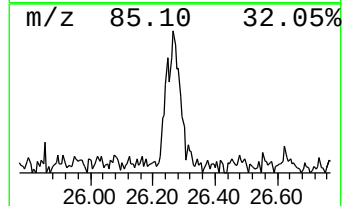
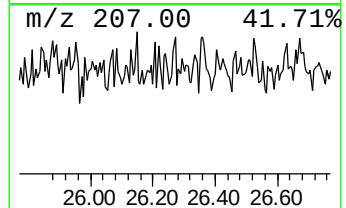
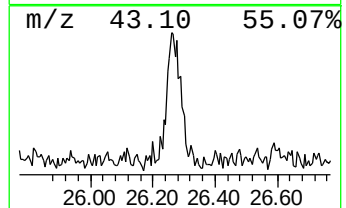
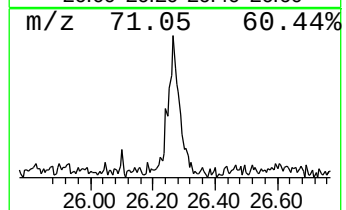
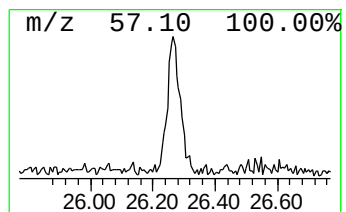
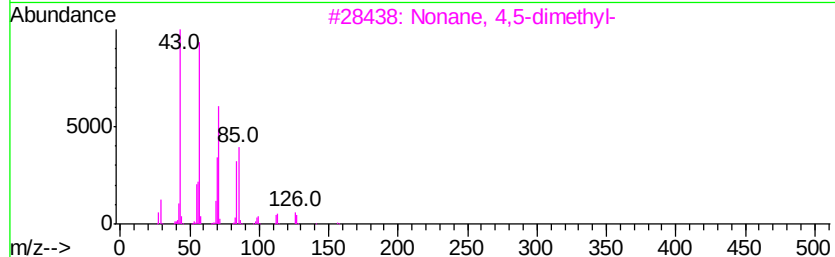
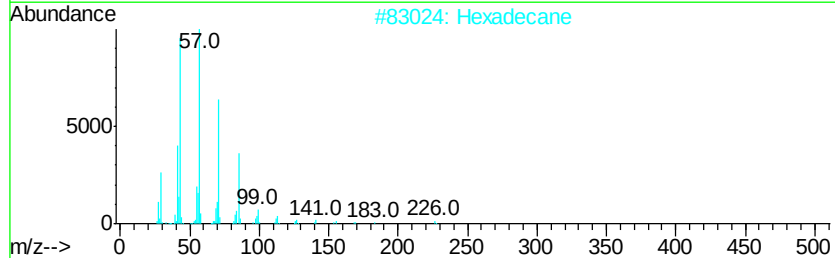
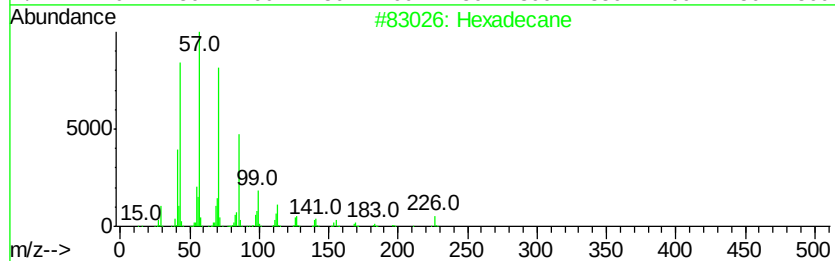
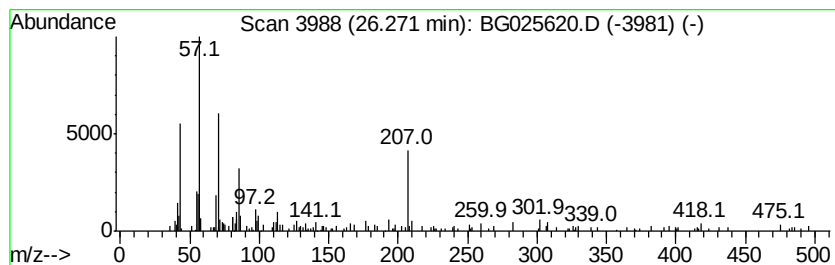
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.56 ng/ul	275111	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	58
2			Hexadecane	226	C16H34	000544-76-3	53
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025620.D
Acq On : 24 Jan 2017 23:08
Operator : UM/SJ
Sample : I1316-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP22

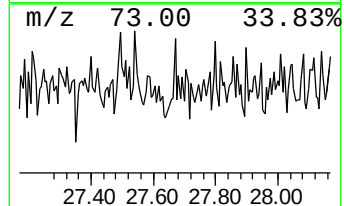
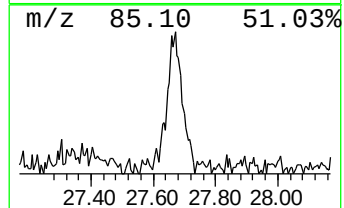
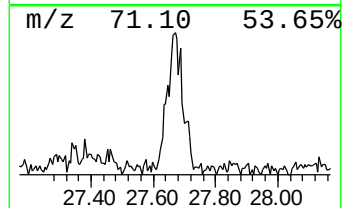
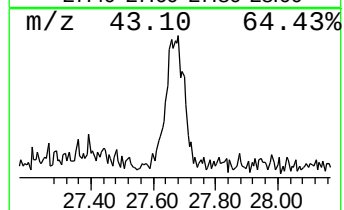
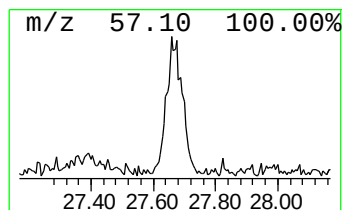
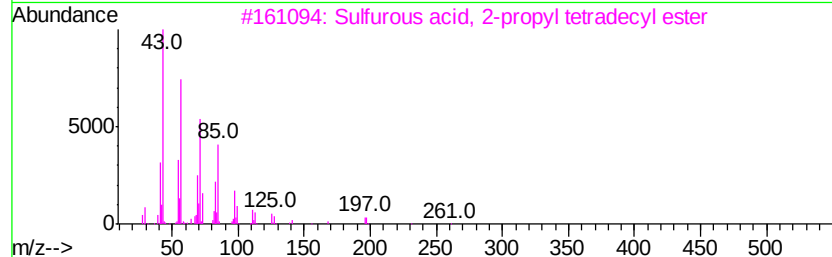
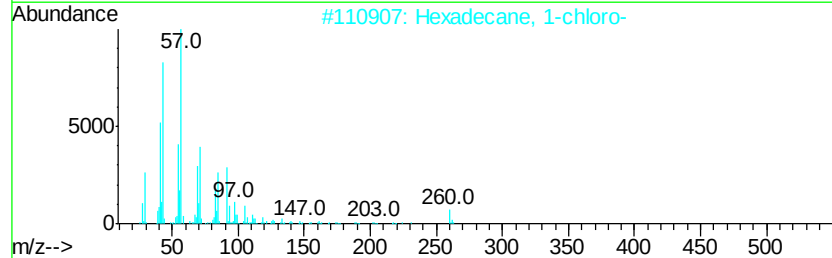
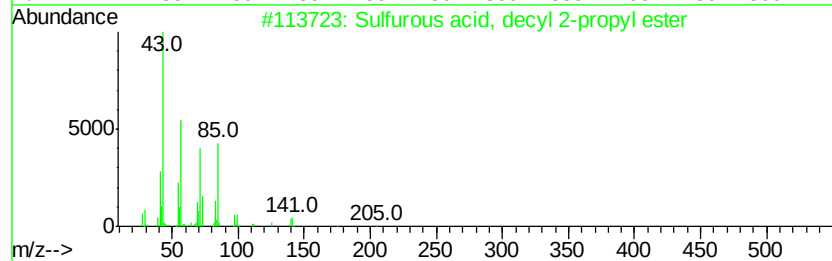
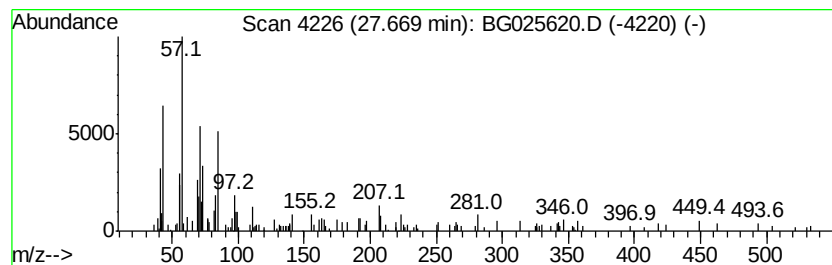
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, decyl 2-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	2.06 ng/ul	221361	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	50
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	46
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	43
4		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	43
5		Hexadecane	226	C16H34	000544-76-3	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025620.D
Acq On : 24 Jan 2017 23:08
Operator : UM/SJ
Sample : I1316-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP22

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	15.9	ng/ul	1774440	5	21.85	2232360	20.0
Butyl myristate	20.82	12.9	ng/ul	1438470	5	21.85	2232360	20.0
2,4-Pentadien-1-o...	21.41	2.0	ng/ul	229256	5	21.85	2232360	20.0
(DEL) Alkane: Str...	26.27	2.6	ng/ul	275111	6	25.23	2150040	20.0
Sulfurous acid, d...	27.67	2.1	ng/ul	221361	6	25.23	2150040	20.0