

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023512.D
 Acq On : 6 Aug 2016 7:07
 Operator : UM/SJ
 Sample : H4249-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJP8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	5.069	376	380	382	rBV4	6466	9135	0.20%	0.017%
2	5.733	491	493	496	rBV4	5434	7368	0.16%	0.014%
3	6.233	574	578	579	rVB4	6640	7926	0.17%	0.015%
4	6.315	589	592	597	rVB6	8145	9662	0.21%	0.018%
5	7.173	736	738	741	rVB4	8204	6502	0.14%	0.012%
6	7.272	748	755	770	rBV	521145	963984	20.63%	1.833%
7	7.431	774	782	792	rBV	438828	727422	15.57%	1.383%
8	7.642	812	818	828	rBV	504434	879820	18.83%	1.673%
9	8.118	892	899	907	rVB	489947	861509	18.44%	1.638%
10	8.629	982	986	987	rBV4	4880	6494	0.14%	0.012%
11	8.829	1014	1020	1032	rBV	673437	1198636	25.65%	2.279%
12	9.293	1091	1099	1106	rBV	526334	946693	20.26%	1.800%
13	9.393	1114	1116	1117	rBV2	9619	7267	0.16%	0.014%
14	9.422	1117	1121	1125	rVV5	6061	12744	0.27%	0.024%
15	9.663	1159	1162	1168	rBV6	6939	13293	0.28%	0.025%
16	10.022	1217	1223	1233	rVB	471183	832518	17.82%	1.583%
17	10.568	1309	1316	1330	rBV	655413	1244070	26.62%	2.366%
18	10.950	1371	1381	1390	rBV	792685	1418766	30.36%	2.698%
19	11.085	1397	1404	1420	rBV	653867	1268947	27.16%	2.413%
20	11.760	1516	1519	1522	rBV4	4822	6408	0.14%	0.012%
21	11.843	1530	1533	1537	rVB4	6904	7363	0.16%	0.014%
22	12.183	1587	1591	1593	rBV4	5150	8552	0.18%	0.016%
23	12.430	1629	1633	1634	rBV3	9094	10627	0.23%	0.020%
24	12.536	1647	1651	1656	rVB4	13877	21764	0.47%	0.041%
25	12.759	1688	1689	1694	rVB4	5021	6162	0.13%	0.012%
26	12.947	1718	1721	1723	rBV3	5790	7363	0.16%	0.014%
27	13.076	1738	1743	1745	rBV5	6128	8501	0.18%	0.016%
28	13.129	1747	1752	1757	rVV8	16020	28062	0.60%	0.053%
29	13.217	1761	1767	1769	rVV6	4862	7527	0.16%	0.014%
30	13.258	1772	1774	1778	rVB4	7229	7452	0.16%	0.014%
31	13.370	1789	1793	1800	rVB4	21658	38463	0.82%	0.073%
32	13.435	1800	1804	1808	rBV5	9751	12313	0.26%	0.023%
33	13.576	1825	1828	1831	rBV4	5816	8909	0.19%	0.017%
34	13.652	1837	1841	1847	rVB3	25286	42185	0.90%	0.080%

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35	13.746	1855	1857	1861	rVB4	5854	7283	0.16%	0.014%
36	13.881	1878	1880	1886	rVB5	5503	6136	0.13%	0.012%
37	14.175	1924	1930	1934	rBV	1584363	2272765	48.64%	4.322%
38	14.222	1934	1938	1946	rVB	838275	1183383	25.32%	2.250%
39	14.351	1955	1960	1964	rBV8	4534	7387	0.16%	0.014%
40	14.416	1967	1971	1972	rBV4	8034	9389	0.20%	0.018%
41	14.474	1974	1981	1989	rBV	1635800	2534704	54.24%	4.820%
42	14.651	2005	2011	2016	rVB3	30164	50164	1.07%	0.095%
43	14.780	2026	2033	2041	rBV2	1384384	2306355	49.36%	4.386%
44	14.921	2055	2057	2060	rBV3	7049	6280	0.13%	0.012%
45	14.991	2063	2069	2084	rBV	542067	1169997	25.04%	2.225%
46	15.267	2112	2116	2119	rBV5	12794	21089	0.45%	0.040%
47	15.555	2162	2165	2168	rBV	26971	34933	0.75%	0.066%
48	15.602	2169	2173	2178	rVV	77544	104511	2.24%	0.199%
49	15.667	2182	2184	2187	rVB4	11640	11192	0.24%	0.021%
50	15.779	2195	2203	2211	rBV	2220091	3540241	75.76%	6.732%
51	15.896	2217	2223	2233	rVB	788811	1226628	26.25%	2.333%
52	16.014	2239	2243	2247	rVB6	40083	66376	1.42%	0.126%
53	16.166	2265	2269	2274	rBV7	15273	22392	0.48%	0.043%
54	16.225	2277	2279	2285	rVB6	12034	18410	0.39%	0.035%
55	16.313	2291	2294	2295	rBV3	7520	9024	0.19%	0.017%
56	16.472	2316	2321	2324	rBV	104416	153051	3.28%	0.291%
57	16.636	2347	2349	2350	rBV2	8540	7972	0.17%	0.015%
58	16.812	2376	2379	2381	rBV4	12629	16516	0.35%	0.031%
59	16.918	2393	2397	2404	rVB8	37214	67758	1.45%	0.129%
60	16.983	2404	2408	2410	rBV5	9757	10563	0.23%	0.020%
61	17.053	2416	2420	2422	rBV5	8734	9326	0.20%	0.018%
62	17.265	2452	2456	2462	rBV2	68274	96729	2.07%	0.184%
63	17.318	2462	2465	2471	rVV7	27524	49635	1.06%	0.094%
64	17.429	2480	2484	2489	rVB4	71814	95891	2.05%	0.182%
65	17.541	2497	2503	2513	rBV2	1963676	3057763	65.44%	5.815%
66	17.641	2514	2520	2527	rBV	2602260	4053037	86.74%	7.707%
67	17.805	2545	2548	2552	rBV3	11299	18346	0.39%	0.035%
68	17.905	2561	2565	2576	rBV4	117112	280227	6.00%	0.533%
69	18.011	2579	2583	2587	rVB3	42963	63464	1.36%	0.121%
70	18.287	2626	2630	2636	rBV3	98706	154966	3.32%	0.295%
71	18.416	2647	2652	2661	rBV	782587	1122864	24.03%	2.135%

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72	18.698	2698	2700	2705	rBV6	21382	29921	0.64%	0.057%
73	18.833	2718	2723	2728	rVB	490998	594343	12.72%	1.130%
74	19.280	2794	2799	2803	rBV7	69244	141765	3.03%	0.270%
75	19.679	2863	2867	2877	rBV	293621	475315	10.17%	0.904%
76	19.826	2888	2892	2896	rBV3	45290	67578	1.45%	0.129%
77	19.932	2904	2910	2918	rVB	3133241	4672843	100.00%	8.886%
78	21.465	3167	3171	3174	rBV4	113650	189087	4.05%	0.360%
79	21.859	3231	3238	3248	rVB	1873145	3304262	70.71%	6.283%
80	22.657	3372	3374	3379	rVB3	74214	96434	2.06%	0.183%
81	23.586	3526	3532	3539	rVB	374566	709611	15.19%	1.349%
82	24.232	3636	3642	3649	rVB3	158943	336150	7.19%	0.639%
83	25.007	3763	3774	3790	rVB3	1450670	4162228	89.07%	7.915%
84	25.236	3804	3813	3832	rVB2	1048468	3297820	70.57%	6.271%

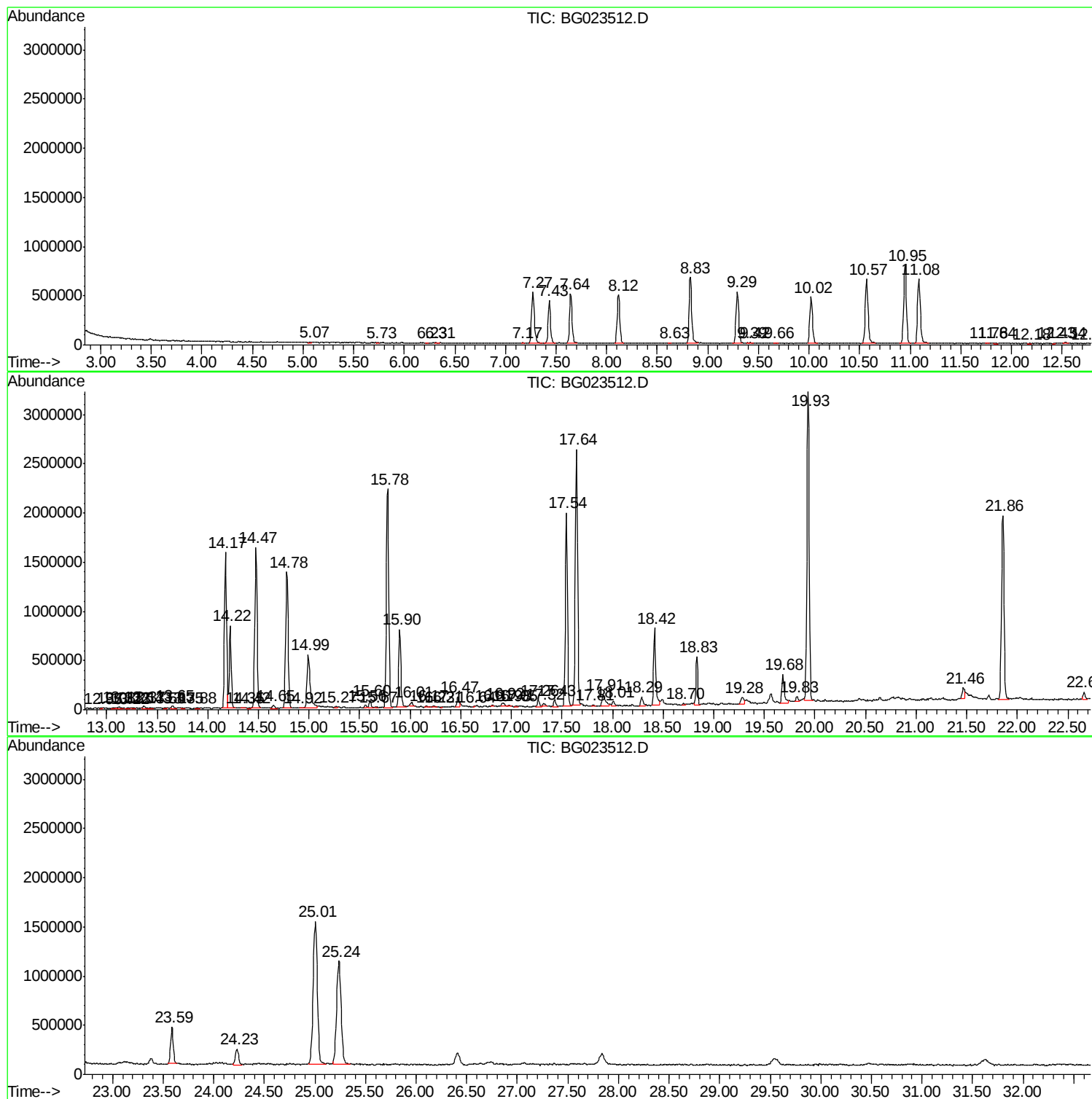
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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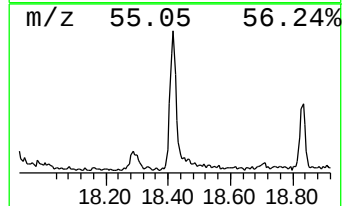
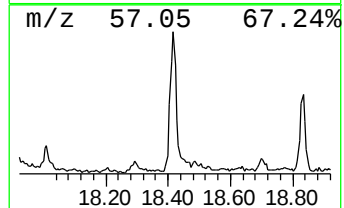
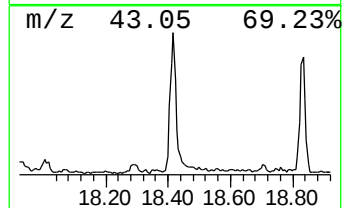
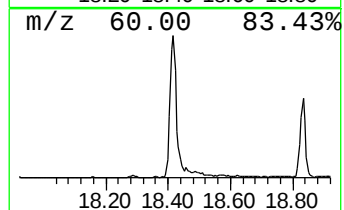
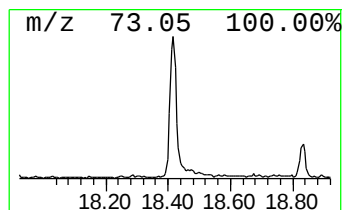
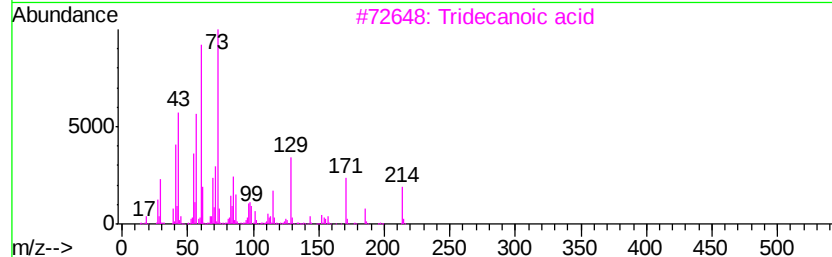
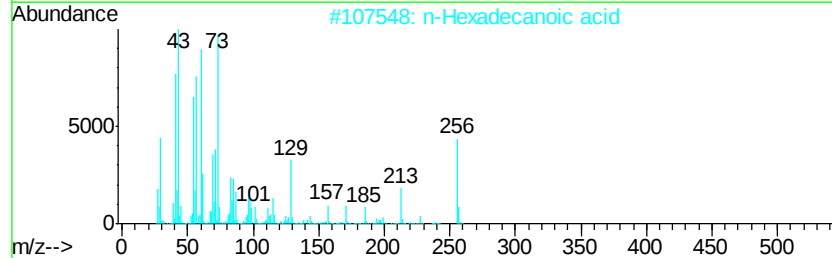
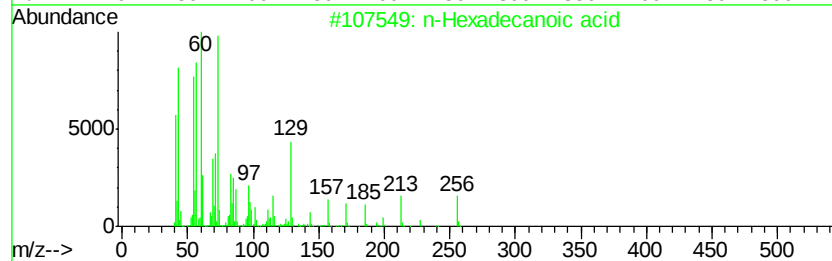
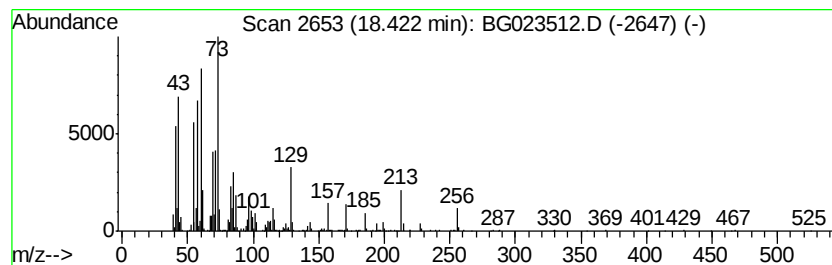
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.34 ng/ul	1122860	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



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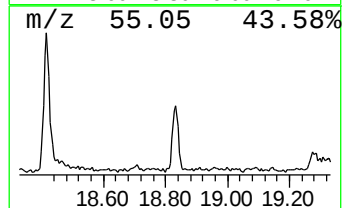
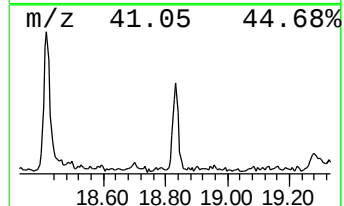
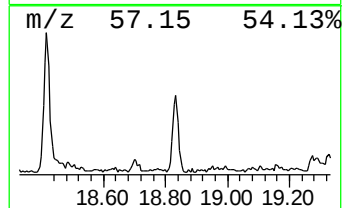
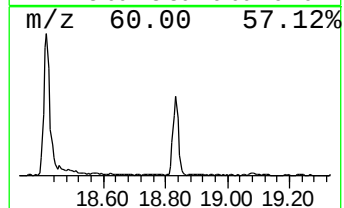
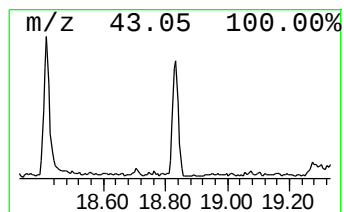
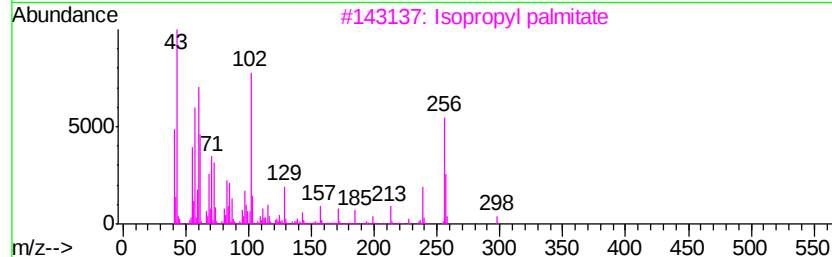
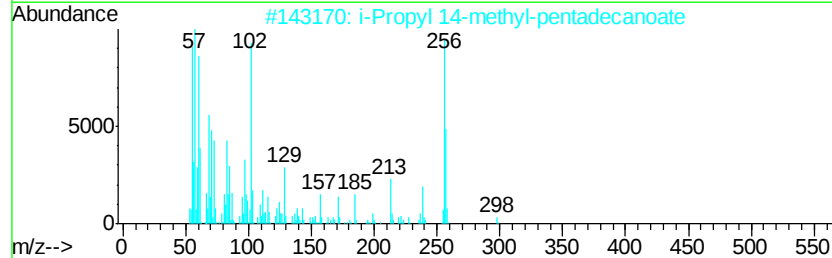
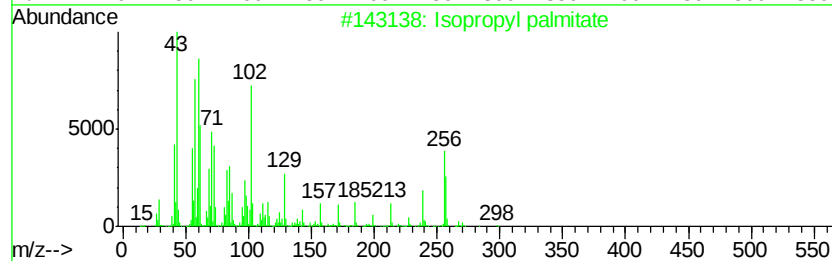
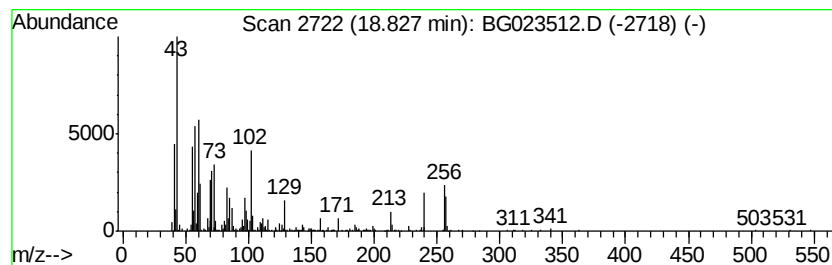
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl palmitate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	3.89 ng/ul	594343	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl palmitate	298	C19H38O2	000142-91-6	97
2		i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	70
3		Isopropyl palmitate	298	C19H38O2	000142-91-6	52
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
5		Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	43



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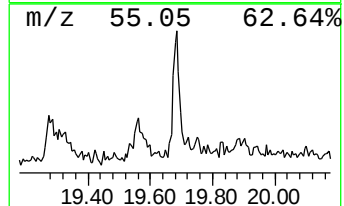
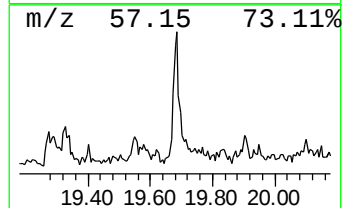
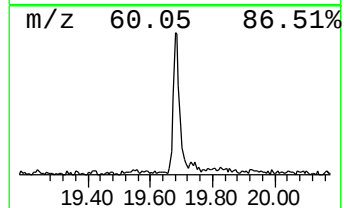
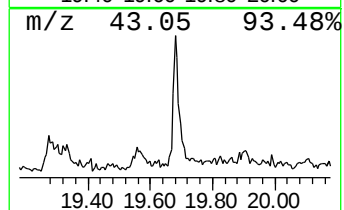
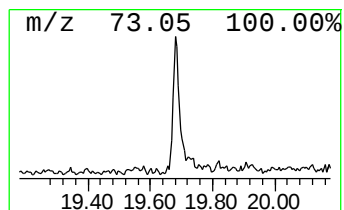
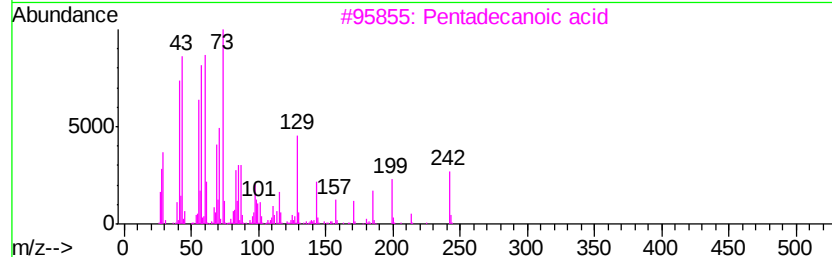
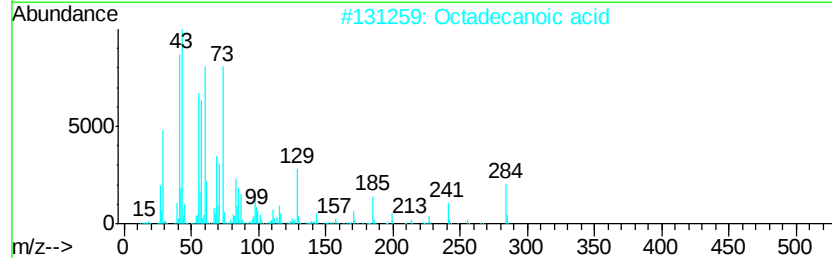
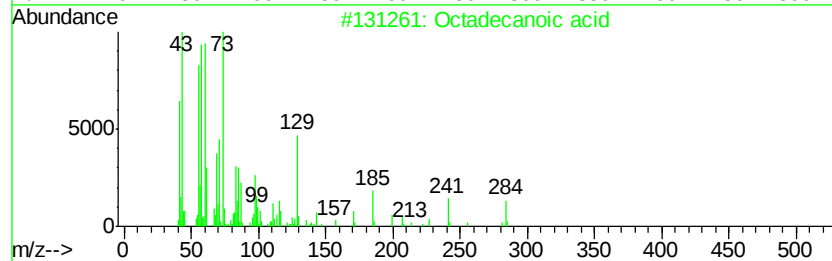
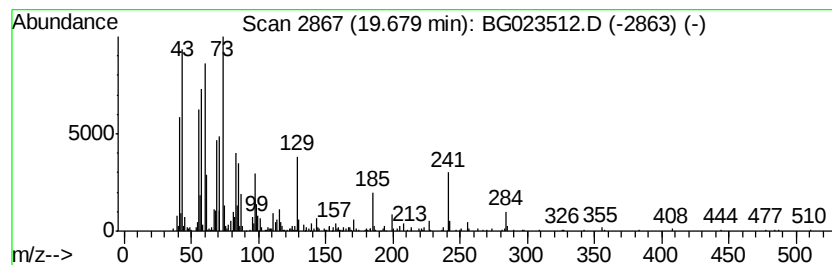
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.11 ng/ul	475315	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			Octadecanoic acid	284	C18H36O2	000057-11-4	72



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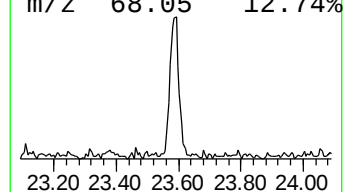
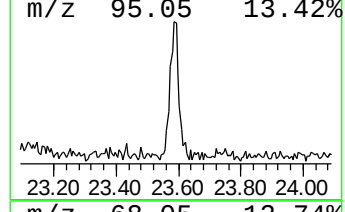
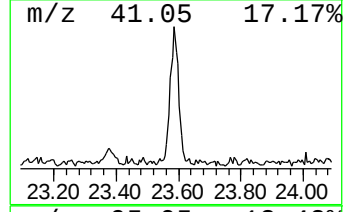
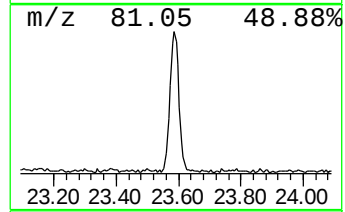
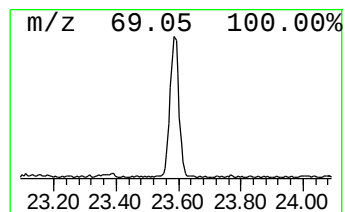
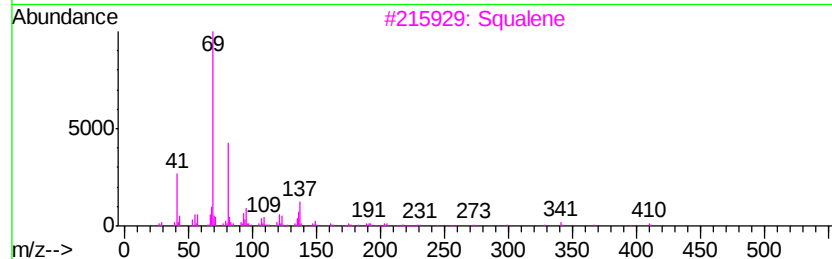
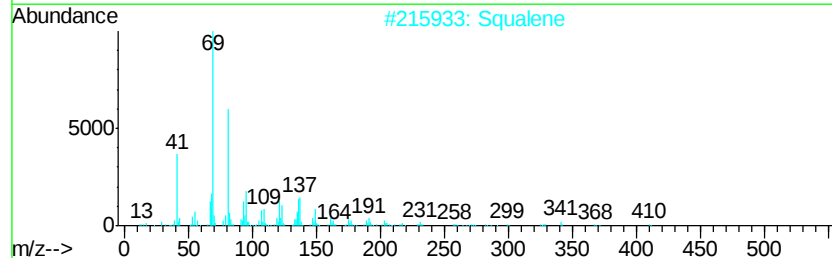
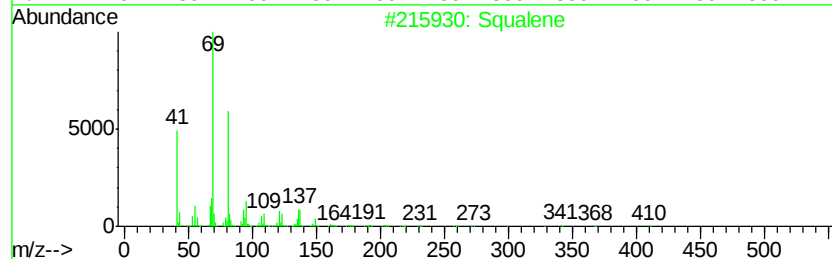
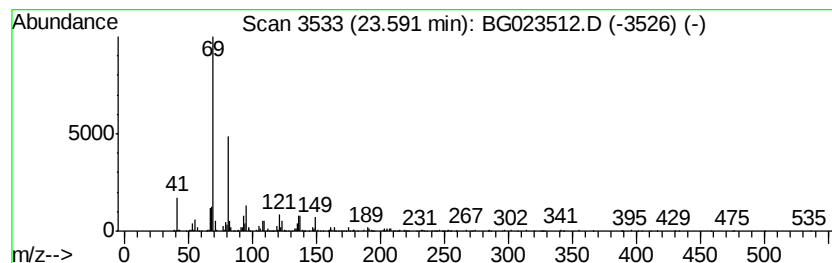
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	4.30 ng/ul	709611	Perylene-d12	25.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Squalene	410	C30H50	000111-02-4	83
3		Squalene	410	C30H50	000111-02-4	83
4		Squalene	410	C30H50	000111-02-4	83
5		Supraene	410	C30H50	007683-64-9	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023512.D
Acq On : 6 Aug 2016 7:07
Operator : UM/SJ
Sample : H4249-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJP8

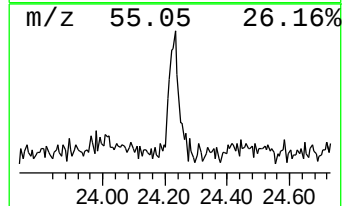
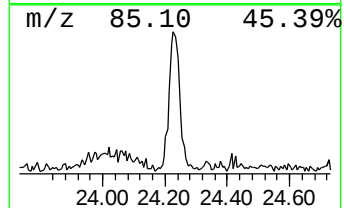
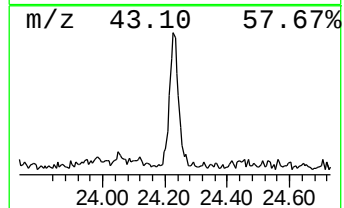
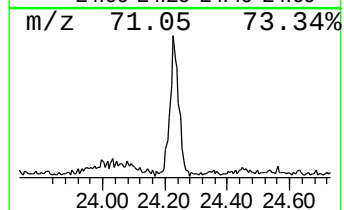
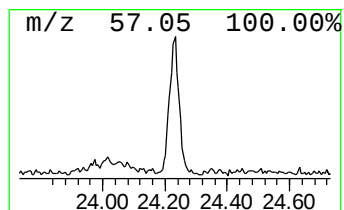
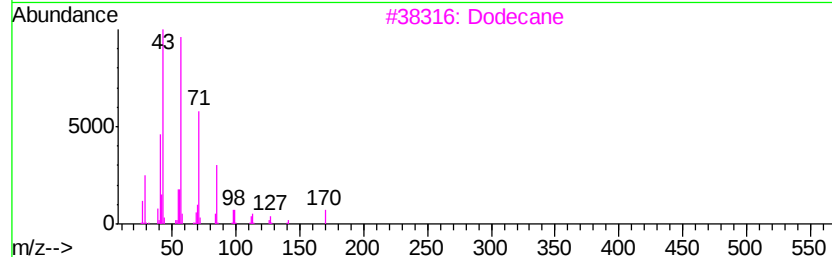
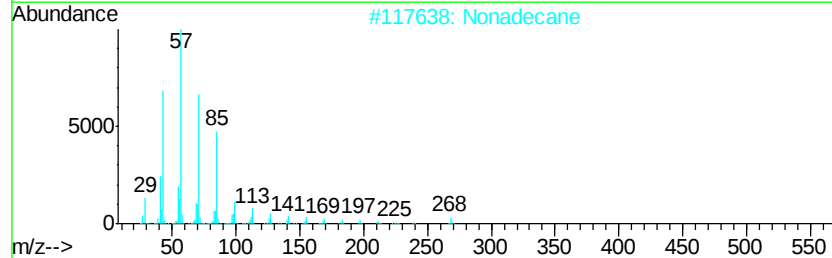
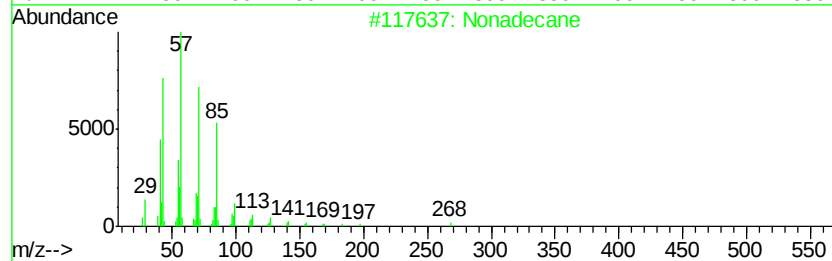
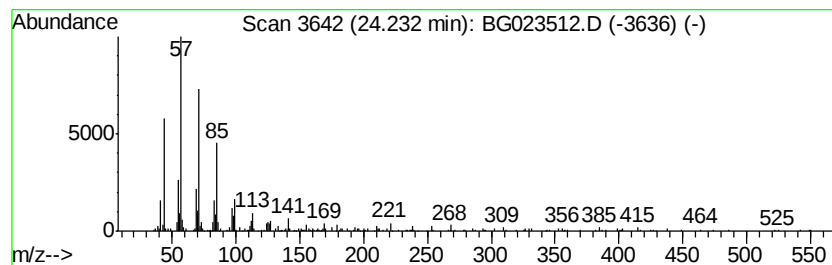
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	2.04 ng/ul	336150	Perylene-d12	25.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Nonadecane	268	C19H40	000629-92-5	87
3		Dodecane	170	C12H26	000112-40-3	87
4		5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023512.D
Acq On : 6 Aug 2016 7:07
Operator : UM/SJ
Sample : H4249-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJP8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	7.3	ng/ul	1122860	4	17.54	3057760	20.0
Isopropyl palmitate	18.83	3.9	ng/ul	594343	4	17.54	3057760	20.0
Octadecanoic acid	19.68	3.1	ng/ul	475315	4	17.54	3057760	20.0
Squalene	23.59	4.3	ng/ul	709611	6	25.24	3297820	20.0
(DEL) Alkane: Str...	24.23	2.0	ng/ul	336150	6	25.24	3297820	20.0