

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024334.D
 Acq On : 13 Oct 2016 23:41
 Operator : UM/SJ
 Sample : H5166-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNJ6

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-BG0100716.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	3.643	133	137	142	rVB3	45631	63358	1.22%	0.092%
2	3.919	179	184	192	rVB2	41627	82809	1.60%	0.121%
3	4.425	264	270	273	rVB5	11877	23457	0.45%	0.034%
4	4.495	278	282	286	rVV6	11574	20740	0.40%	0.030%
5	4.542	286	290	291	rVB4	11315	13653	0.26%	0.020%
6	4.642	304	307	312	rVB5	14729	20397	0.39%	0.030%
7	4.677	312	313	316	rBV3	12008	11703	0.23%	0.017%
8	5.053	375	377	381	rVB5	11642	15047	0.29%	0.022%
9	5.230	401	407	413	rBV6	10622	31028	0.60%	0.045%
10	5.359	424	429	434	rVB8	15969	35943	0.69%	0.052%
11	5.394	434	435	439	rBV4	12027	14722	0.28%	0.021%
12	5.465	444	447	450	rBV4	12778	18230	0.35%	0.027%
13	5.518	453	456	462	rBV5	10243	12789	0.25%	0.019%
14	5.817	504	507	511	rVB5	9881	14032	0.27%	0.020%
15	6.176	566	568	573	rBV5	6737	11824	0.23%	0.017%
16	6.328	590	594	603	rBV5	13045	27777	0.54%	0.040%
17	6.475	615	619	623	rVV6	9969	18816	0.36%	0.027%
18	7.004	706	709	711	rBV4	11196	13257	0.26%	0.019%
19	7.204	739	743	752	rVB10	16183	35657	0.69%	0.052%
20	7.415	771	779	792	rVB2	959252	1776747	34.30%	2.589%
21	7.539	792	800	802	rVB8	8947	17908	0.35%	0.026%
22	7.603	802	811	819	rBV	639004	1124210	21.70%	1.638%
23	7.809	836	846	854	rBV	916160	1608105	31.04%	2.343%
24	8.009	879	880	888	rBV7	9888	17470	0.34%	0.025%
25	8.156	901	905	909	rVB5	7669	15607	0.30%	0.023%
26	8.291	916	928	947	rVB	786515	1513820	29.22%	2.206%
27	8.426	947	951	954	rBV5	9002	11529	0.22%	0.017%
28	8.972	1036	1044	1059	rBV2	1128217	2092771	40.40%	3.050%
29	9.284	1094	1097	1100	rVB5	8708	12194	0.24%	0.018%
30	9.319	1100	1103	1108	rBV3	10894	14670	0.28%	0.021%
31	9.460	1117	1127	1134	rBV	941589	1739589	33.58%	2.535%
32	9.613	1147	1153	1156	rBV5	8534	11861	0.23%	0.017%
33	9.742	1169	1175	1178	rBV7	9031	12756	0.25%	0.019%
34	9.818	1183	1188	1190	rBV5	8498	13834	0.27%	0.020%

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35	9.995	1211	1218	1220	rBV7	6650	11955	0.23%	0.017%
36	10.183	1240	1250	1262	rBV	836483	1570629	30.32%	2.289%
37	10.717	1332	1341	1350	rBV	1195802	2208413	42.63%	3.218%
38	10.858	1363	1365	1372	rVB6	9834	18090	0.35%	0.026%
39	10.929	1372	1377	1381	rBV8	10567	19133	0.37%	0.028%
40	11.117	1400	1409	1420	rVB	1142092	2152276	41.55%	3.136%
41	11.246	1421	1431	1444	rVB	1074714	2027271	39.14%	2.954%
42	11.546	1480	1482	1488	rVB7	10439	14132	0.27%	0.021%
43	11.622	1488	1495	1500	rBV7	10473	24970	0.48%	0.036%
44	11.663	1501	1502	1508	rVB6	12007	16434	0.32%	0.024%
45	12.404	1623	1628	1631	rBV6	10323	14318	0.28%	0.021%
46	12.674	1670	1674	1680	rBV6	27331	48724	0.94%	0.071%
47	12.815	1693	1698	1700	rBV6	8793	12235	0.24%	0.018%
48	12.909	1712	1714	1720	rVB6	8426	13451	0.26%	0.020%
49	13.091	1742	1745	1751	rVB8	10726	17814	0.34%	0.026%
50	13.250	1765	1772	1776	rBV6	12475	21590	0.42%	0.031%
51	13.373	1791	1793	1800	rBV7	10132	20398	0.39%	0.030%
52	13.491	1810	1813	1820	rVB5	17195	25386	0.49%	0.037%
53	13.767	1855	1860	1866	rBV5	40618	66692	1.29%	0.097%
54	14.296	1940	1950	1954	rBV	2057652	3121276	60.25%	4.549%
55	14.343	1954	1958	1966	rVB	1274136	1832867	35.38%	2.671%
56	14.419	1966	1971	1975	rVB7	12560	25249	0.49%	0.037%
57	14.513	1984	1987	1989	rBV4	11881	12083	0.23%	0.018%
58	14.601	1994	2002	2013	rVB	2181719	3545894	68.45%	5.167%
59	14.760	2026	2029	2035	rVB7	24137	35618	0.69%	0.052%
60	14.830	2035	2041	2043	rBV5	12960	23352	0.45%	0.034%
61	14.901	2044	2053	2063	rVB	1912915	3058384	59.04%	4.457%
62	15.065	2072	2081	2095	rVV	1073310	1744969	33.69%	2.543%
63	15.265	2111	2115	2118	rBV6	17976	24115	0.47%	0.035%
64	15.371	2130	2133	2137	rVB6	10432	15708	0.30%	0.023%
65	15.665	2180	2183	2186	rBV4	16620	18348	0.35%	0.027%
66	15.706	2186	2190	2196	rVB3	48329	64084	1.24%	0.093%
67	15.764	2196	2200	2204	rBV7	6799	13601	0.26%	0.020%
68	15.888	2214	2221	2230	rBV	2813752	4472991	86.35%	6.518%
69	15.988	2230	2238	2249	rVV	1042211	1582180	30.54%	2.306%
70	16.129	2253	2262	2268	rBV7	44192	99159	1.91%	0.145%
71	16.199	2270	2274	2278	rBV7	11681	17141	0.33%	0.025%

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72	16.270	2278	2286	2288	rVV7	11466	24366	0.47%	0.036%
73	16.317	2291	2294	2300	rBV6	13565	30540	0.59%	0.045%
74	16.563	2331	2336	2344	rBV	73128	140059	2.70%	0.204%
75	16.845	2378	2384	2386	rBV6	12896	16647	0.32%	0.024%
76	16.992	2402	2409	2417	rVB6	32646	68753	1.33%	0.100%
77	17.075	2417	2423	2426	rBV8	12149	24824	0.48%	0.036%
78	17.180	2439	2441	2445	rVB5	11919	11621	0.22%	0.017%
79	17.227	2448	2449	2454	rVB5	10395	13331	0.26%	0.019%
80	17.363	2464	2472	2490	rBV	465491	820927	15.85%	1.196%
81	17.645	2511	2520	2529	rBV2	2111638	3361502	64.89%	4.899%
82	17.744	2530	2537	2547	rVB	2758156	4493088	86.74%	6.548%
83	17.885	2558	2561	2565	rBV6	17565	22493	0.43%	0.033%
84	18.009	2574	2582	2589	rBV6	14489	37145	0.72%	0.054%
85	18.091	2592	2596	2601	rBV5	53247	82531	1.59%	0.120%
86	18.191	2612	2613	2619	rVB6	10928	13706	0.26%	0.020%
87	18.361	2639	2642	2649	rBV9	41541	71021	1.37%	0.103%
88	18.485	2657	2663	2676	rBV	610387	889291	17.17%	1.296%
89	18.784	2710	2714	2718	rVB6	15959	24618	0.48%	0.036%
90	19.143	2772	2775	2778	rBV5	18526	18422	0.36%	0.027%
91	19.630	2850	2858	2867	rBV6	72198	214974	4.15%	0.313%
92	19.742	2872	2877	2885	rBV2	301974	417936	8.07%	0.609%
93	19.901	2900	2904	2910	rVB	36553	56004	1.08%	0.082%
94	20.012	2916	2923	2935	rBV	3401950	5180151	100.00%	7.549%
95	20.471	2999	3001	3007	rVB6	32268	46616	0.90%	0.068%
96	21.528	3175	3181	3190	rBV2	317101	551062	10.64%	0.803%
97	21.939	3244	3251	3262	rVB	2198374	3918887	75.65%	5.711%
98	23.696	3543	3550	3557	rVB	277740	533801	10.30%	0.778%
99	25.148	3786	3797	3811	rVB2	1636860	5028682	97.08%	7.328%
100	25.388	3827	3838	3849	rVB	1267367	4029144	77.78%	5.872%

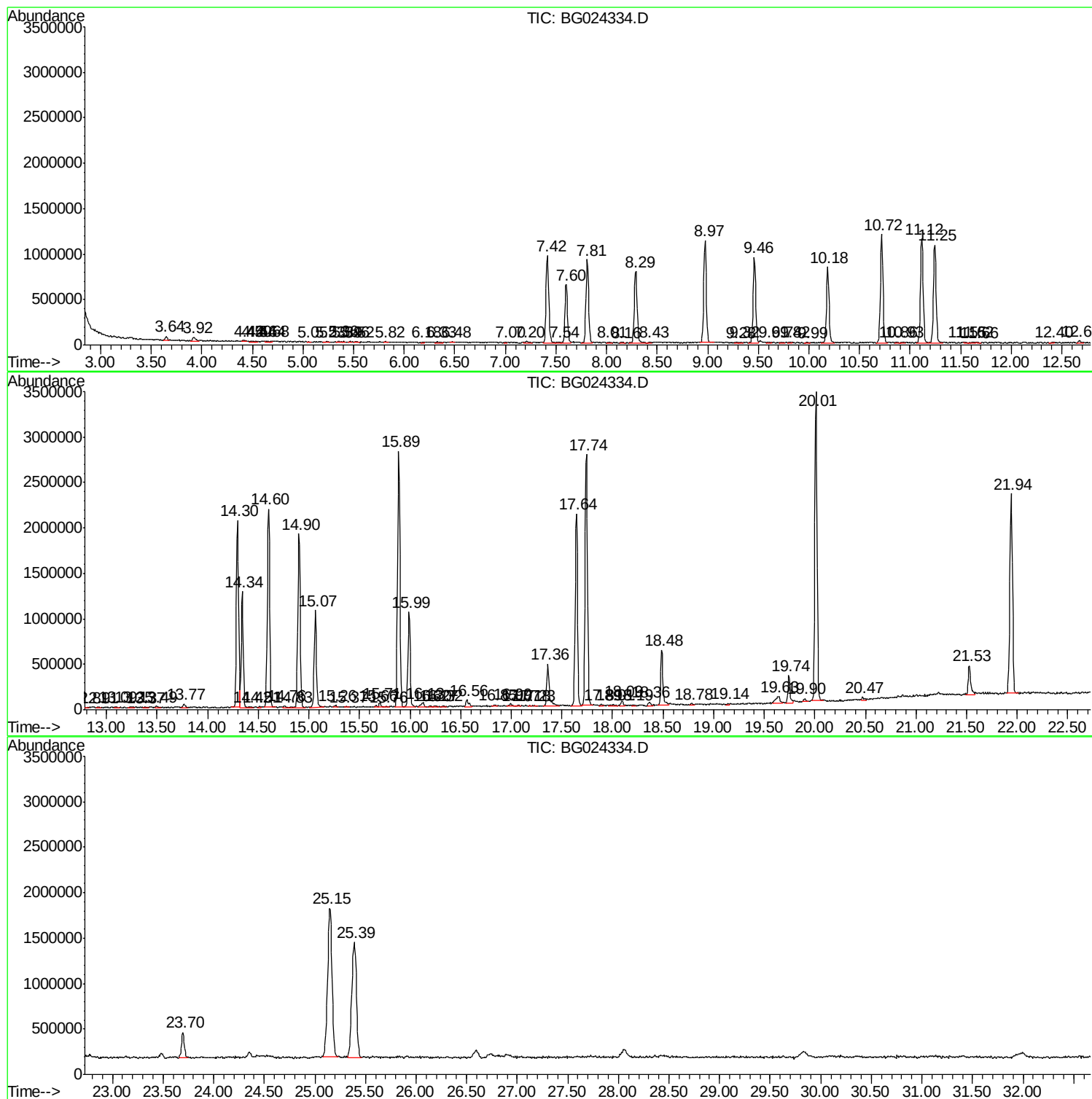
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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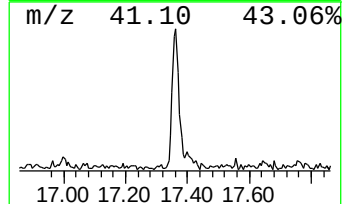
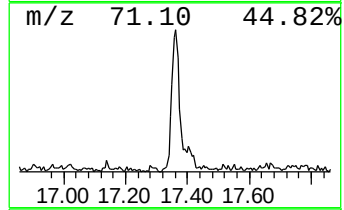
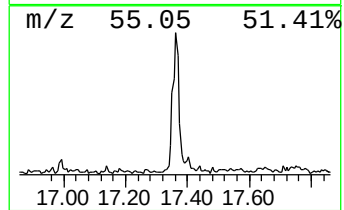
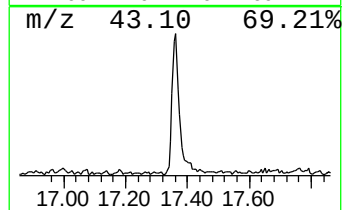
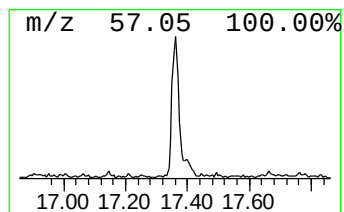
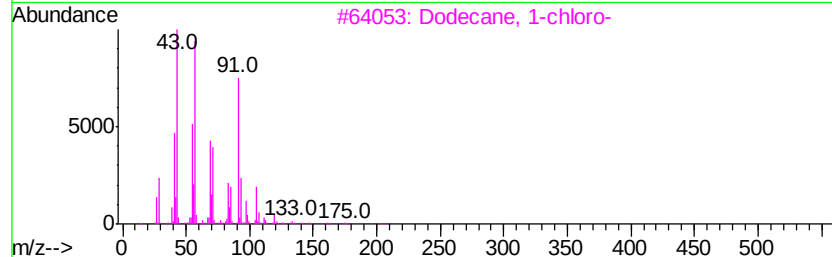
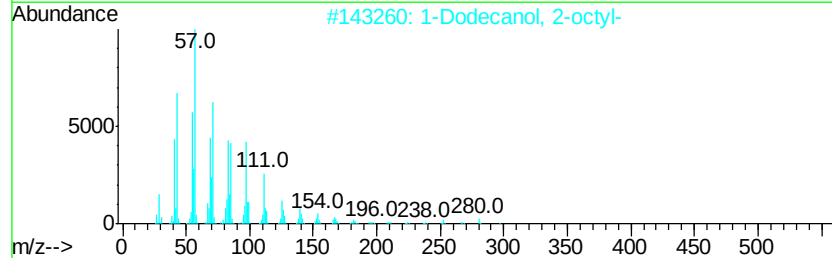
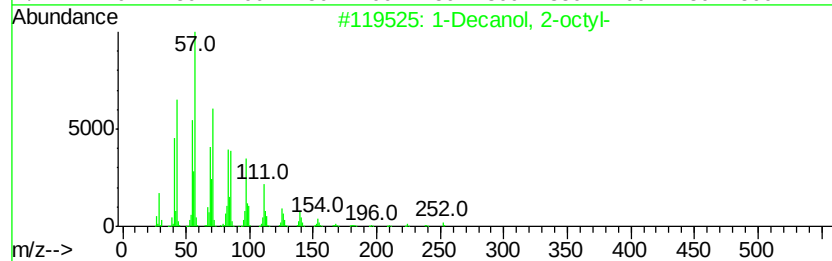
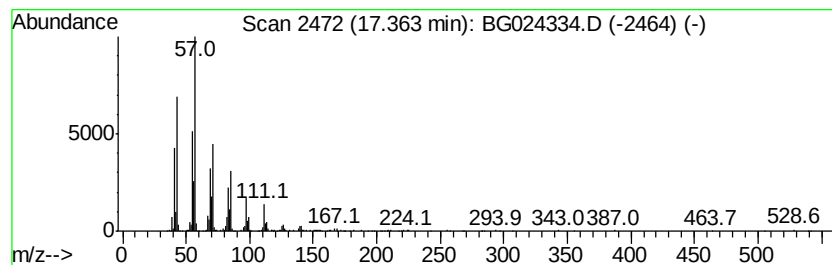
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Decanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	4.88 ng/ul	820927	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
3		Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	86
4		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	72
5		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70



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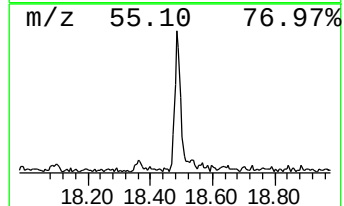
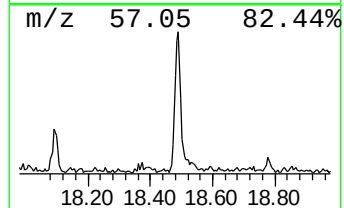
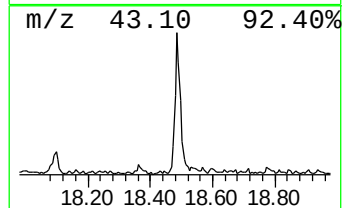
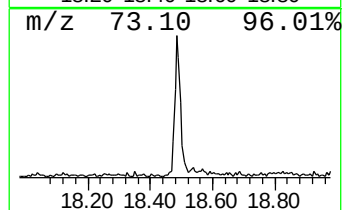
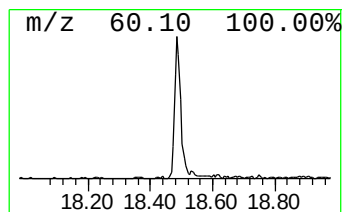
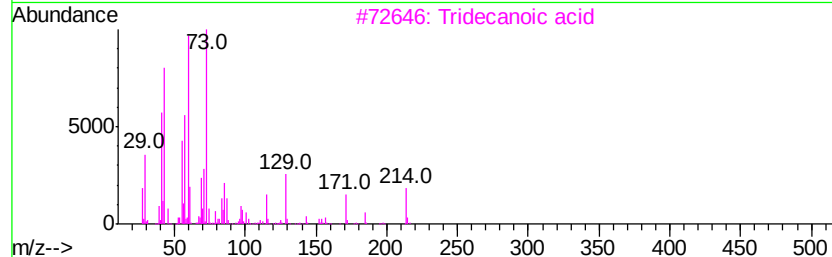
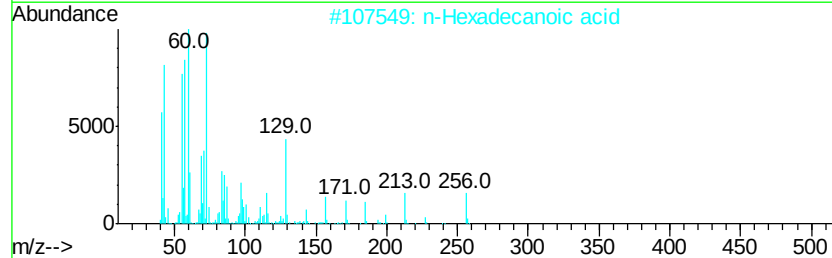
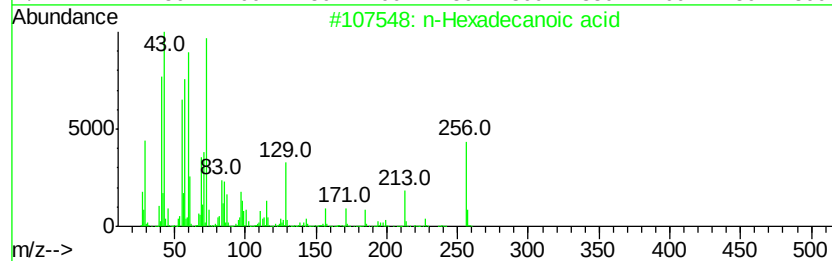
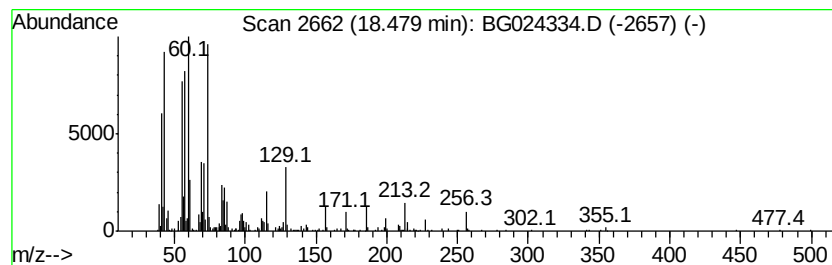
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.48	5.29 ng/ul	889291	Phenanthrene-d10		17.64	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	Tridecanoic acid		214	C13H26O2	000638-53-9	81
4	Octadecanoic acid		284	C18H36O2	000057-11-4	76
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	72



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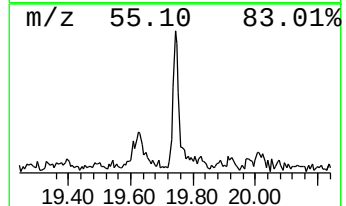
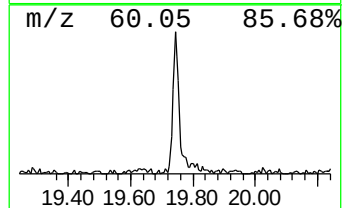
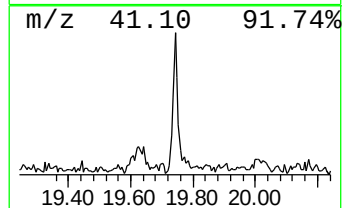
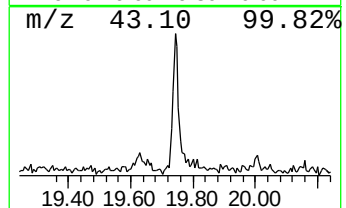
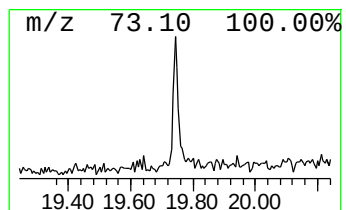
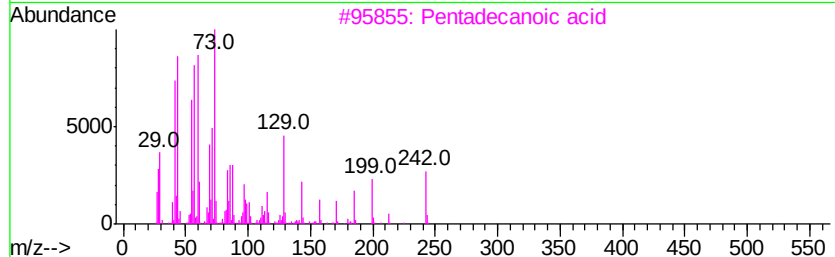
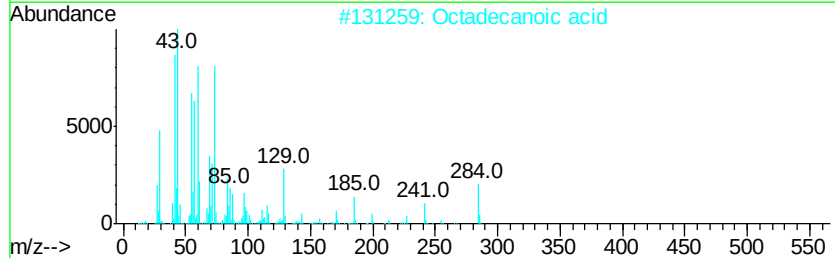
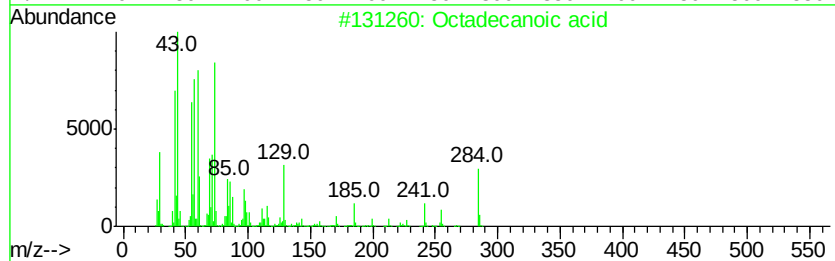
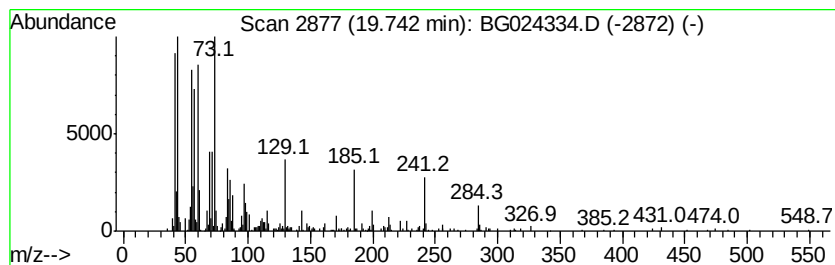
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.49 ng/ul	417936	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ6

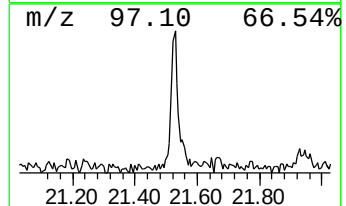
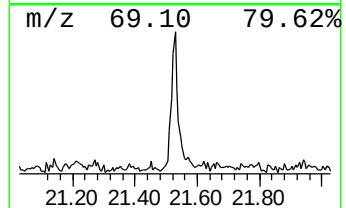
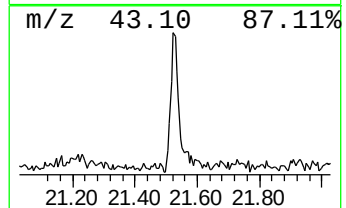
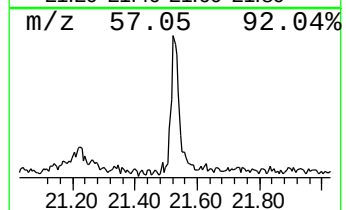
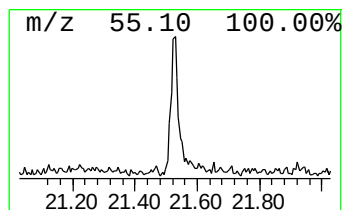
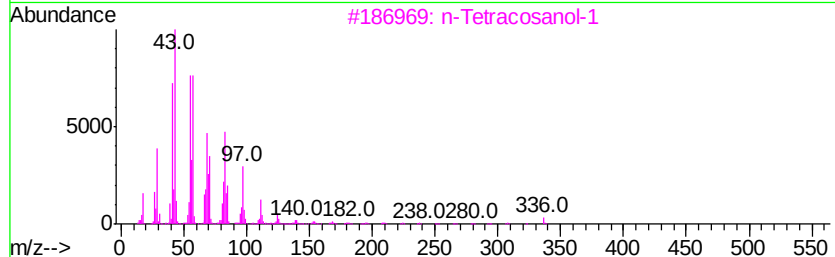
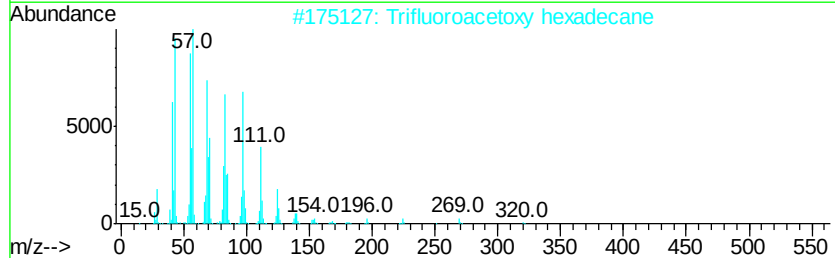
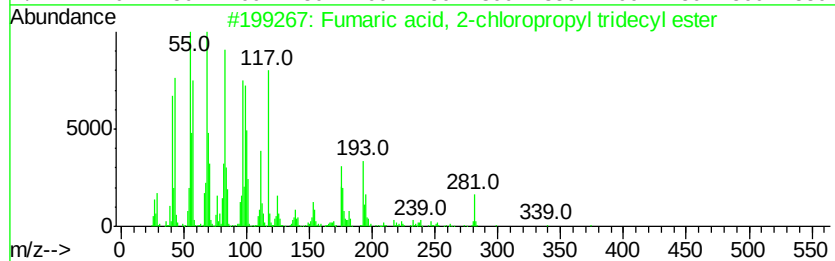
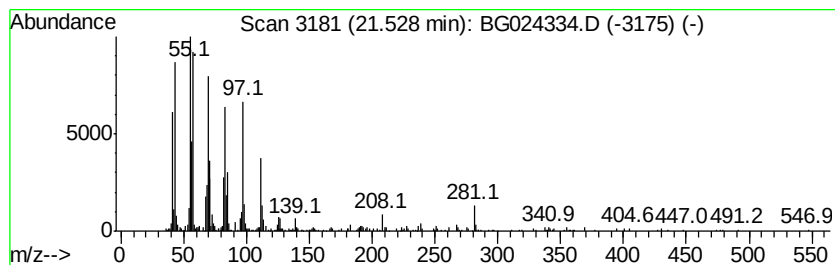
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Fumaric acid, 2-chloropropyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.81 ng/ul	551062	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	87
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	74
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	55
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	55
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024334.D
Acq On : 13 Oct 2016 23:41
Operator : UM/SJ
Sample : H5166-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ6

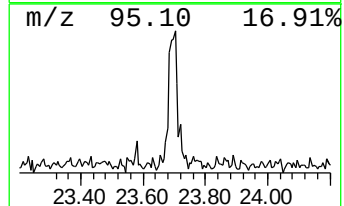
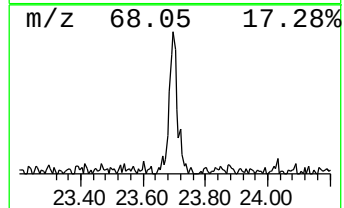
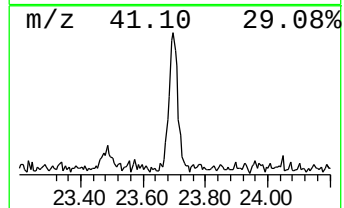
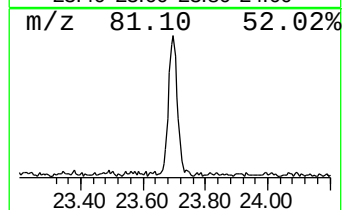
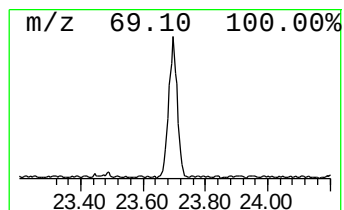
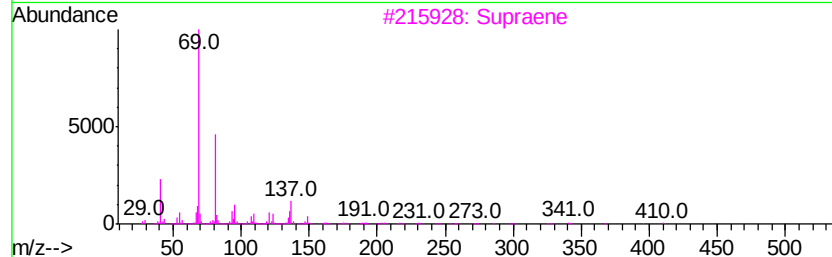
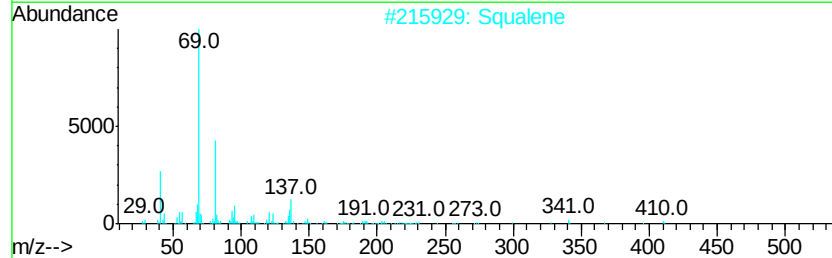
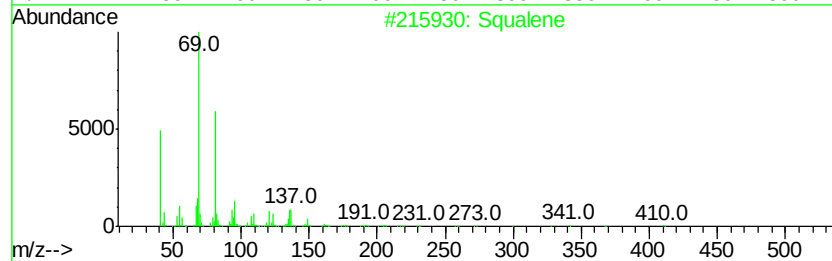
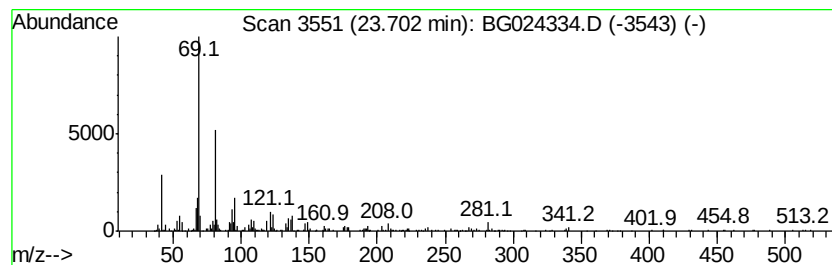
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	2.65 ng/ul	533801	Perylene-d12	25.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	83
2		Squalene	410	C30H50	000111-02-4	74
3		Supraene	410	C30H50	007683-64-9	72
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101316\
Data File : BG024334.D
Acq On : 13 Oct 2016 23:41
Operator : UM/SJ
Sample : H5166-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
1-Decanol, 2-octyl-	17.36	4.9	ng/ul	820927	4	17.64	3361500	20.0
n-Hexadecanoic acid	18.48	5.3	ng/ul	889291	4	17.64	3361500	20.0
Octadecanoic acid	19.74	2.5	ng/ul	417936	4	17.64	3361500	20.0
Fumaric acid, 2-c...	21.53	2.8	ng/ul	551062	5	21.94	3918890	20.0
Squalene	23.70	2.6	ng/ul	533801	6	25.39	4029140	20.0