

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023585.D
 Acq On : 10 Aug 2016 9:27
 Operator : UM/SJ
 Sample : H4362-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-3642-01

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	3.485	106	110	118	rBV5	21652	38660	0.71%	0.062%
2	3.543	118	120	124	rVB4	10506	10909	0.20%	0.017%
3	3.590	126	128	130	rBV3	9208	9126	0.17%	0.015%
4	5.288	415	417	423	rBV6	7356	16461	0.30%	0.026%
5	5.535	456	459	461	rBV3	8465	10276	0.19%	0.016%
6	6.387	599	604	608	rVB6	6135	12624	0.23%	0.020%
7	6.428	608	611	614	rBV4	9045	9273	0.17%	0.015%
8	7.097	721	725	726	rBV3	12619	12956	0.24%	0.021%
9	7.268	744	754	766	rBV	624155	1196626	21.99%	1.911%
10	7.426	776	781	791	rVB	547144	902531	16.59%	1.441%
11	7.638	808	817	829	rBV	656993	1140048	20.95%	1.820%
12	8.114	890	898	904	rBV	621194	1100023	20.22%	1.756%
13	8.824	1012	1019	1030	rVV	721591	1268615	23.32%	2.026%
14	9.030	1050	1054	1058	rVB5	6235	9024	0.17%	0.014%
15	9.289	1090	1098	1107	rBV	651677	1177833	21.65%	1.881%
16	9.400	1111	1117	1125	rBV3	56194	124837	2.29%	0.199%
17	9.670	1159	1163	1167	rVV4	5786	9654	0.18%	0.015%
18	9.941	1205	1209	1212	rVB4	6114	8526	0.16%	0.014%
19	10.017	1214	1222	1231	rBV	560813	1050259	19.30%	1.677%
20	10.123	1237	1240	1243	rBV4	6685	9051	0.17%	0.014%
21	10.569	1307	1316	1331	rBV	824169	1609399	29.58%	2.570%
22	10.804	1352	1356	1361	rBV5	6220	8557	0.16%	0.014%
23	10.945	1372	1380	1388	rBV	972001	1752287	32.21%	2.798%
24	11.086	1397	1404	1416	rBV	789389	1502497	27.62%	2.399%
25	12.179	1587	1590	1598	rVB7	7760	17276	0.32%	0.028%
26	12.531	1644	1650	1656	rBV5	18312	31324	0.58%	0.050%
27	13.125	1746	1751	1758	rVV7	9747	14286	0.26%	0.023%
28	13.371	1788	1793	1798	rBV7	15184	27348	0.50%	0.044%
29	13.577	1822	1828	1830	rVB5	5667	10278	0.19%	0.016%
30	13.647	1839	1840	1843	rBV3	10786	9768	0.18%	0.016%
31	14.176	1923	1930	1934	rVV	1709509	2607662	47.93%	4.164%
32	14.223	1934	1938	1946	rVB	1417031	2068673	38.02%	3.303%
33	14.476	1974	1981	1991	rVV	1872288	2999957	55.14%	4.790%
34	14.652	2006	2011	2017	rVB2	38201	50974	0.94%	0.081%

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35	14.787	2027	2034	2041	rVV2	1679303	2795708	51.39%	4.464%
36	14.857	2045	2046	2050	rVB4	11093	9301	0.17%	0.015%
37	14.998	2064	2070	2082	rBV2	589540	1270416	23.35%	2.028%
38	15.151	2093	2096	2099	rVB4	11608	12249	0.23%	0.020%
39	15.204	2104	2105	2110	rVB5	12425	12915	0.24%	0.021%
40	15.269	2114	2116	2119	rBV3	14121	13146	0.24%	0.021%
41	15.345	2125	2129	2131	rVB4	9232	9302	0.17%	0.015%
42	15.521	2152	2159	2165	rVV	833089	1386269	25.48%	2.213%
43	15.562	2165	2166	2170	rVV2	42358	35800	0.66%	0.057%
44	15.604	2170	2173	2178	rVB	86086	109635	2.02%	0.175%
45	15.668	2178	2184	2187	rBV8	11826	23511	0.43%	0.038%
46	15.721	2192	2193	2196	rVV3	9510	8413	0.15%	0.013%
47	15.780	2196	2203	2210	rVV	2621421	4071351	74.83%	6.501%
48	15.903	2217	2224	2234	rBV	887498	1426953	26.23%	2.278%
49	16.015	2236	2243	2248	rVV6	58818	127072	2.34%	0.203%
50	16.056	2248	2250	2253	rVV4	11437	12796	0.24%	0.020%
51	16.109	2256	2259	2264	rBV7	9420	16640	0.31%	0.027%
52	16.167	2264	2269	2272	rBV5	14977	26065	0.48%	0.042%
53	16.232	2278	2280	2288	rVB9	15170	20026	0.37%	0.032%
54	16.473	2315	2321	2329	rBV2	98336	166395	3.06%	0.266%
55	16.661	2350	2353	2357	rVB4	19531	24810	0.46%	0.040%
56	16.743	2361	2367	2371	rBV8	19105	34971	0.64%	0.056%
57	16.814	2376	2379	2380	rBV3	15341	13180	0.24%	0.021%
58	16.872	2388	2389	2394	rVB5	11999	11462	0.21%	0.018%
59	16.925	2394	2398	2402	rBV7	16713	30096	0.55%	0.048%
60	16.978	2405	2407	2413	rVB7	21572	34572	0.64%	0.055%
61	17.049	2413	2419	2420	rBV6	13978	19274	0.35%	0.031%
62	17.272	2453	2457	2461	rVV	62207	78039	1.43%	0.125%
63	17.331	2463	2467	2474	rVB6	26841	53265	0.98%	0.085%
64	17.419	2477	2482	2489	rBV7	36886	61323	1.13%	0.098%
65	17.477	2489	2492	2497	rBV7	15666	28316	0.52%	0.045%
66	17.548	2497	2504	2514	rBV	2464545	3840149	70.58%	6.132%
67	17.648	2514	2521	2528	rBV	3018965	4598590	84.52%	7.343%
68	17.806	2544	2548	2554	rBV6	13297	24596	0.45%	0.039%
69	17.912	2561	2566	2569	rBV7	27471	55087	1.01%	0.088%
70	18.012	2579	2583	2587	rBV2	37395	45976	0.85%	0.073%
71	18.059	2587	2591	2594	rBV6	10570	12726	0.23%	0.020%

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72	18.153	2604	2607	2611	rBV6	8818	13909	0.26%	0.022%
73	18.200	2611	2615	2620	rVB7	14336	27645	0.51%	0.044%
74	18.300	2627	2632	2639	rBV9	32857	62867	1.16%	0.100%
75	18.417	2647	2652	2664	rBV	390178	600001	11.03%	0.958%
76	18.494	2664	2665	2669	rVV2	19836	24623	0.45%	0.039%
77	18.711	2698	2702	2710	rBV9	36686	74967	1.38%	0.120%
78	18.782	2712	2714	2717	rVV4	8582	10120	0.19%	0.016%
79	19.081	2762	2765	2768	rBV5	9669	12603	0.23%	0.020%
80	19.340	2806	2809	2813	rVB6	14515	14606	0.27%	0.023%
81	19.569	2842	2848	2852	rBV2	70561	148949	2.74%	0.238%
82	19.686	2864	2868	2875	rBV2	142399	215260	3.96%	0.344%
83	19.827	2888	2892	2898	rVB2	46196	64413	1.18%	0.103%
84	19.939	2903	2911	2923	rBV	3569641	5440645	100.00%	8.687%
85	20.033	2925	2927	2929	rBV2	11329	9714	0.18%	0.016%
86	20.526	3007	3011	3014	rBV6	15732	26948	0.50%	0.043%
87	21.296	3140	3142	3145	rBV4	15281	13402	0.25%	0.021%
88	21.472	3168	3172	3180	rBV6	80759	183753	3.38%	0.293%
89	21.725	3213	3215	3219	rVB5	19733	18954	0.35%	0.030%
90	21.872	3233	3240	3251	rVB2	2357123	4169406	76.63%	6.657%
91	22.676	3373	3377	3380	rBV6	43004	71451	1.31%	0.114%
92	22.853	3405	3407	3408	rBV2	18864	12288	0.23%	0.020%
93	23.393	3493	3499	3508	rVB3	246024	516953	9.50%	0.825%
94	23.604	3531	3535	3542	rVB3	101233	206736	3.80%	0.330%
95	24.251	3640	3645	3651	rVB2	148790	310416	5.71%	0.496%
96	25.032	3768	3778	3789	rVB2	1537487	4552024	83.67%	7.268%
97	25.273	3807	3819	3831	rVB3	1306634	4020774	73.90%	6.420%
98	26.448	4012	4019	4029	rVB3	125901	376915	6.93%	0.602%
99	27.670	4225	4227	4228	rBV2	17341	9260	0.17%	0.015%
100	27.875	4258	4262	4264	rBV5	45115	71681	1.32%	0.114%

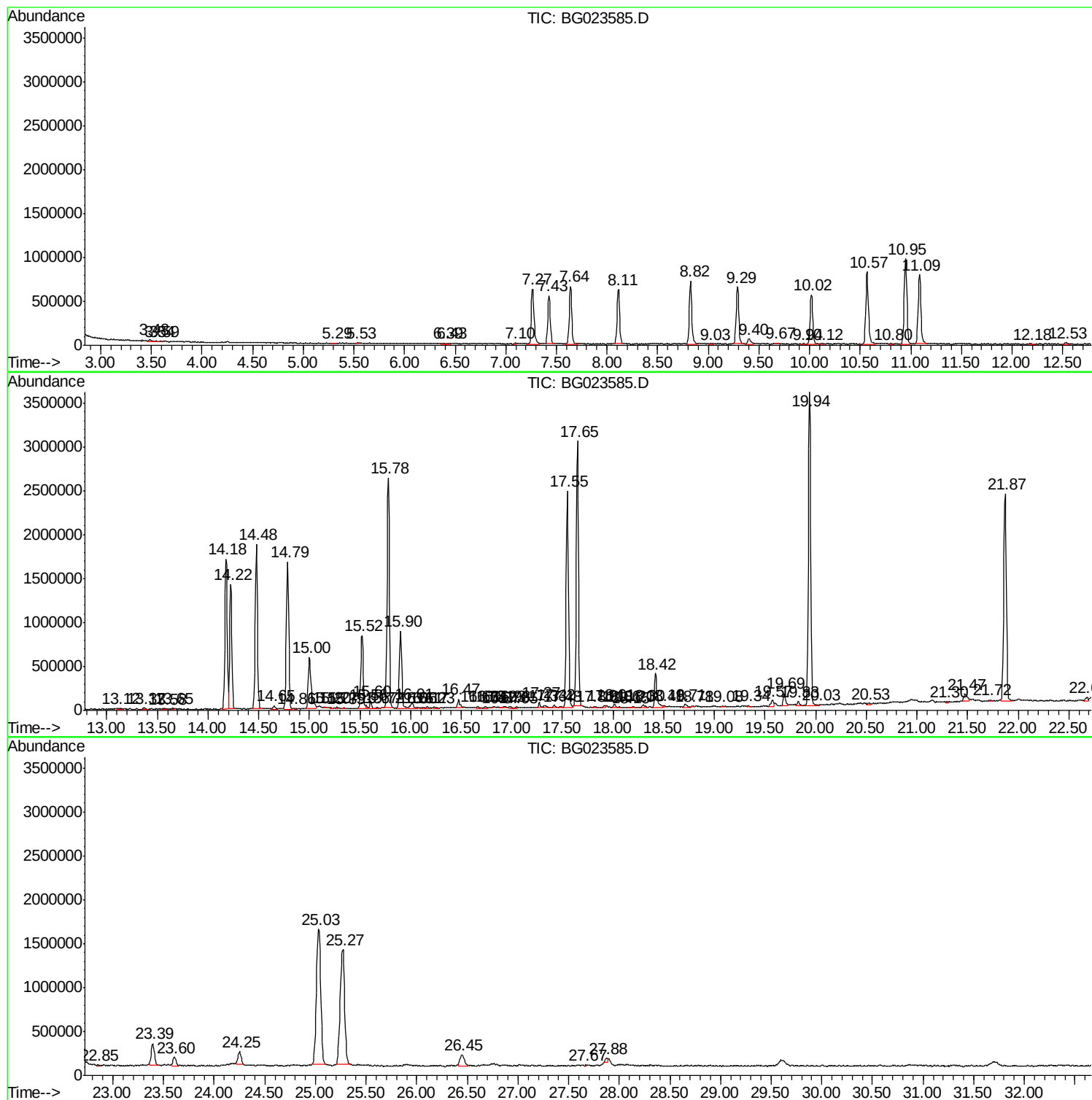
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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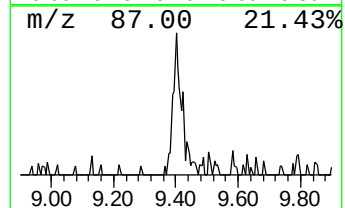
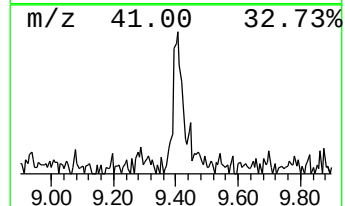
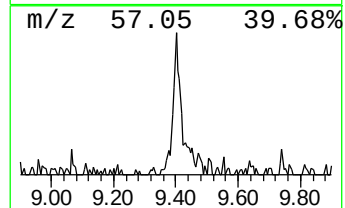
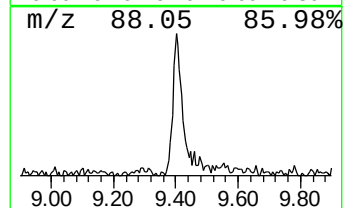
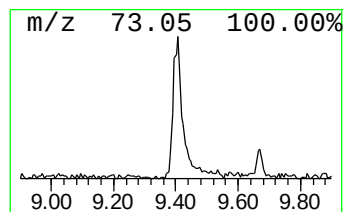
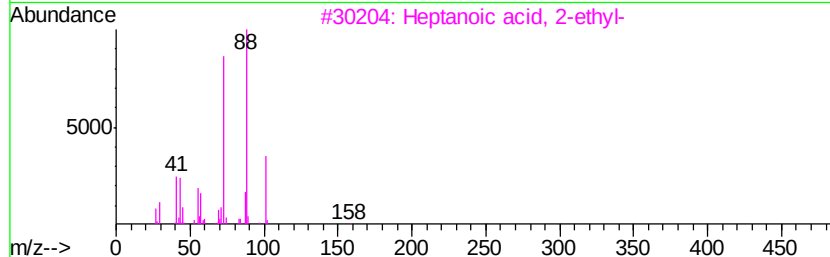
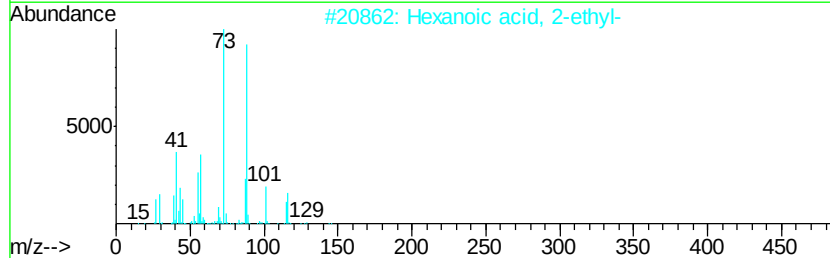
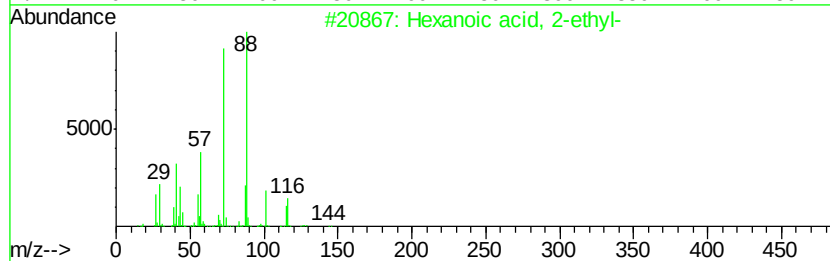
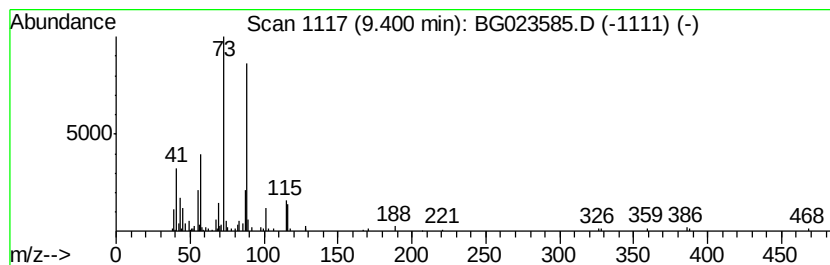
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.27 ng/ul	124837	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	56
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
5		3-(Methylthio)propyl 2-methylbut...	188	C9H16O2S	1000367-09-8	36



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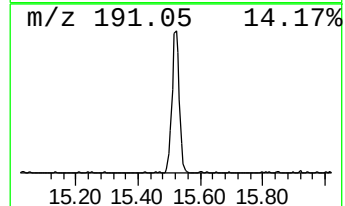
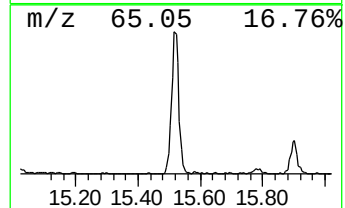
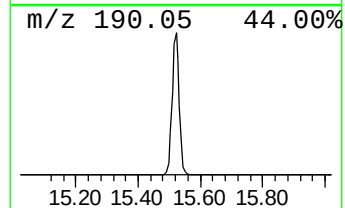
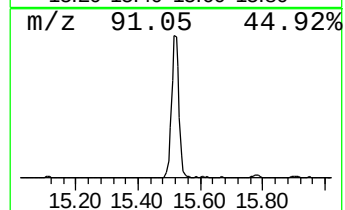
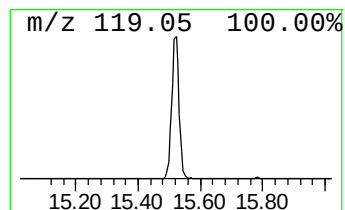
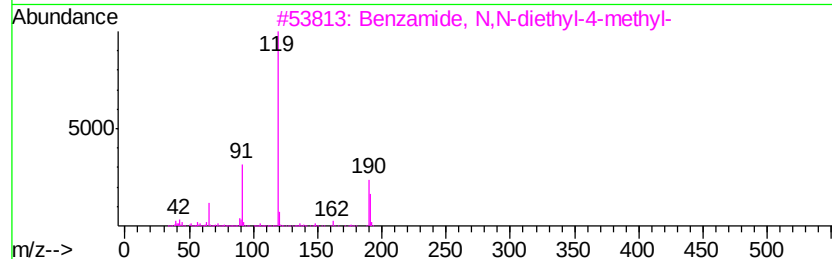
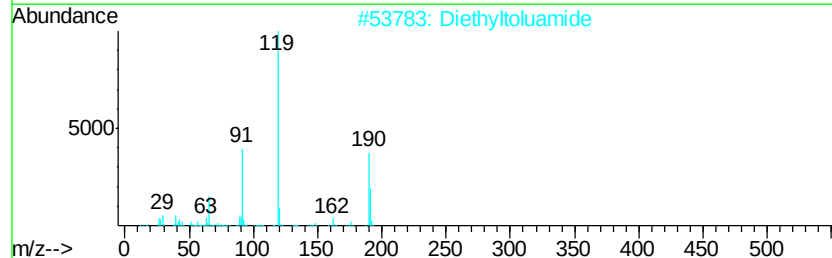
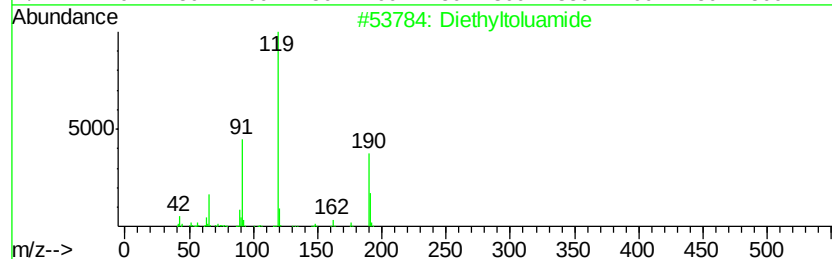
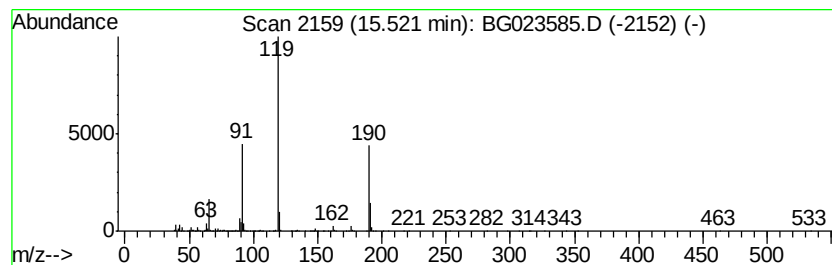
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	9.92 ng/ul	1386270	Acenaphthene-d10	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2		Diethyltoluamide	191	C12H17NO	000134-62-3	93
3		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	83
4		Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	64
5		N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	53



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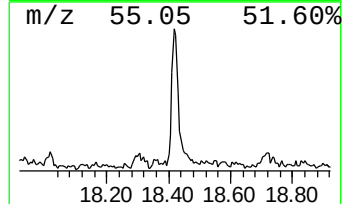
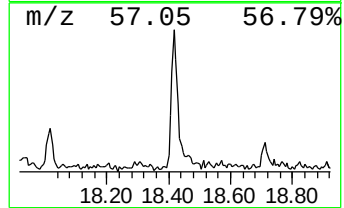
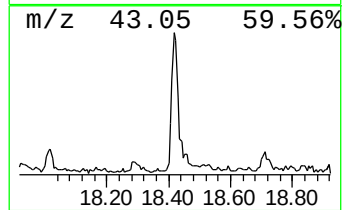
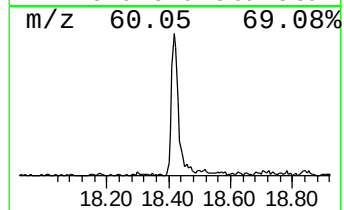
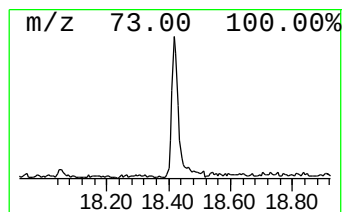
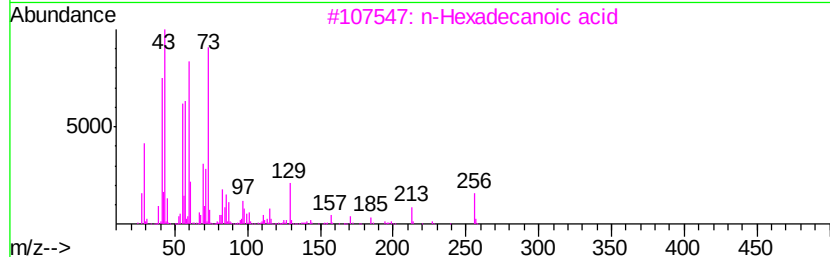
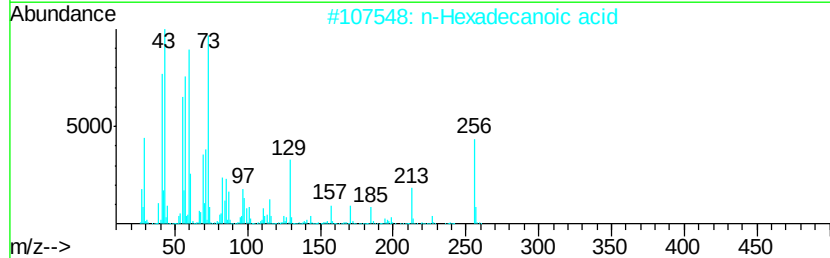
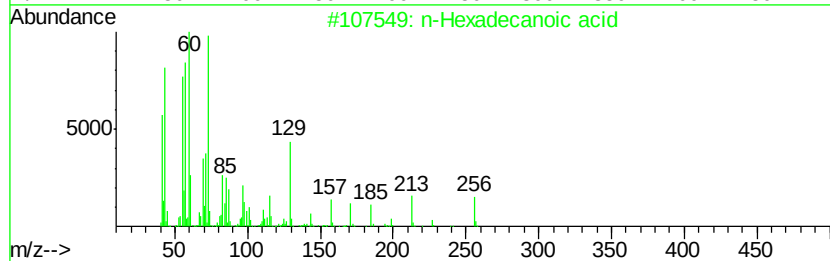
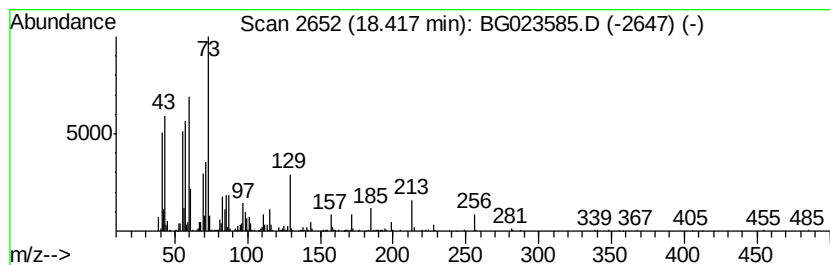
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.12 ng/ul	600001	Phenanthrene-d10	17.55

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	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023585.D
Acq On : 10 Aug 2016 9:27
Operator : UM/SJ
Sample : H4362-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-3642-01

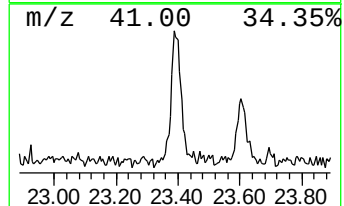
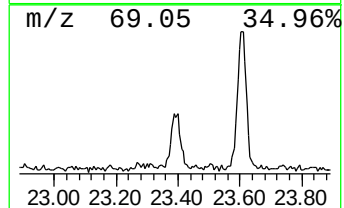
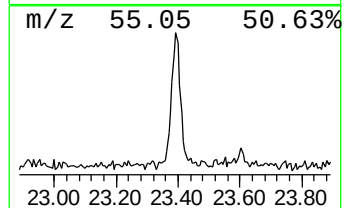
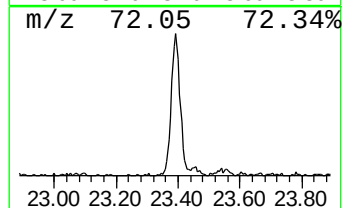
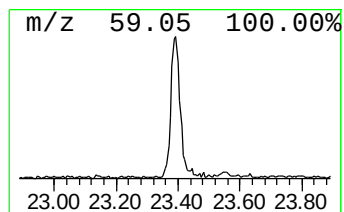
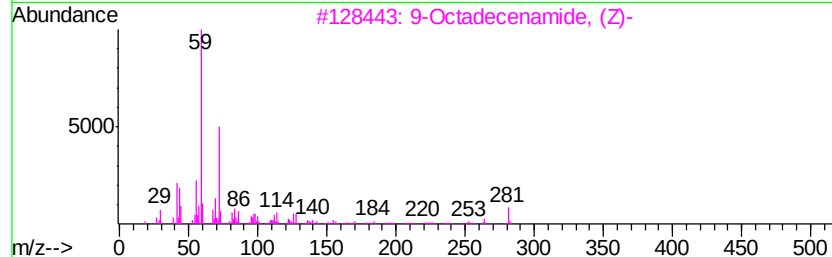
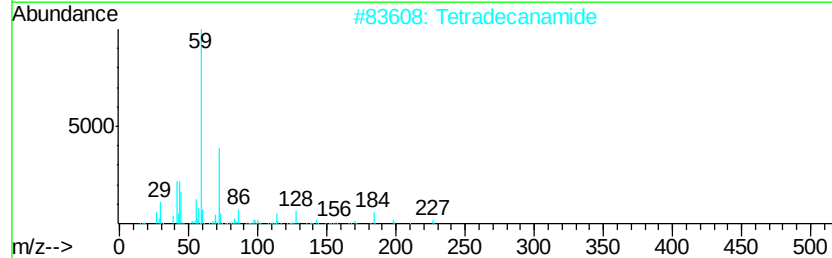
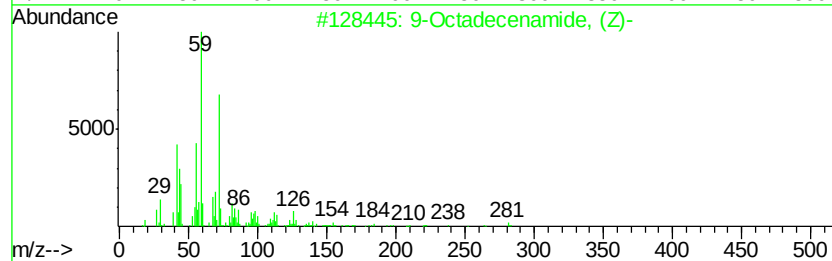
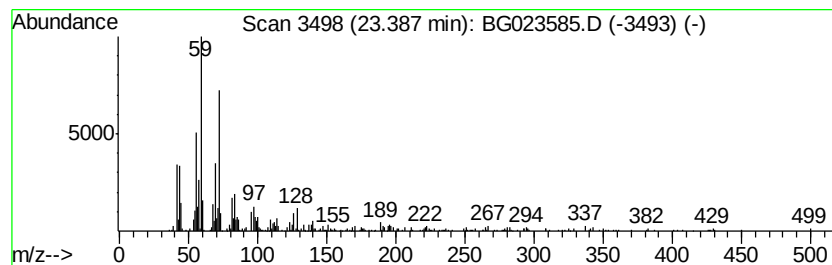
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.48 ng/ul	516953	Chrysene-d12	21.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		Tetradecanamide	227	C14H29NO	000638-58-4	78
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52
4		Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	47
5		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
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Acq On : 10 Aug 2016 9:27
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Sample : H4362-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-3642-01

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
Hexanoic acid, 2-...	9.40	2.3	ng/ul	124837	1	8.11	1100020	20.0
Diethyltoluamide	15.52	9.9	ng/ul	1386270	3	14.78	2795710	20.0
n-Hexadecanoic acid	18.42	3.1	ng/ul	600001	4	17.55	3840150	20.0
9-Octadecenamide,...	23.39	2.5	ng/ul	516953	5	21.87	4169410	20.0