

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023823.D
 Acq On : 20 Aug 2016 19:05
 Operator : UM/SJ
 Sample : H4533-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS02-01

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-BG081816.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	3.464	102	106	110	rBV3	21972	29952	1.09%	0.085%
2	3.575	124	125	129	rBV2	5061	5962	0.22%	0.017%
3	4.004	194	198	200	rVV4	7911	9941	0.36%	0.028%
4	4.216	231	234	242	rVB4	7721	17218	0.63%	0.049%
5	4.598	293	299	304	rBV5	26094	45651	1.66%	0.129%
6	5.426	439	440	445	rBV4	3178	5275	0.19%	0.015%
7	5.526	453	457	458	rBV3	5630	7870	0.29%	0.022%
8	6.154	556	564	568	rBV5	7811	18047	0.66%	0.051%
9	6.189	568	570	573	rVB3	4912	5272	0.19%	0.015%
10	6.278	581	585	587	rBV2	2864	4436	0.16%	0.013%
11	6.706	656	658	660	rBV3	4899	4116	0.15%	0.012%
12	7.094	718	724	733	rBV4	23598	55726	2.03%	0.158%
13	7.253	745	751	765	rVV	468461	916203	33.35%	2.599%
14	7.411	771	778	786	rBV	377755	630284	22.94%	1.788%
15	7.623	806	814	824	rBV	478638	821988	29.92%	2.331%
16	7.705	827	828	831	rBV3	4010	4066	0.15%	0.012%
17	8.093	887	894	903	rBV	462387	797340	29.02%	2.261%
18	8.310	927	931	934	rVB3	4993	6182	0.23%	0.018%
19	8.357	934	939	942	rBV5	4281	7588	0.28%	0.022%
20	8.428	945	951	954	rVV5	2362	5137	0.19%	0.015%
21	8.557	970	973	975	rBV3	4219	4721	0.17%	0.013%
22	8.809	1010	1016	1029	rBV2	539799	994107	36.19%	2.819%
23	8.939	1034	1038	1042	rVB5	4177	7745	0.28%	0.022%
24	9.274	1087	1095	1104	rBV	450630	821751	29.91%	2.331%
25	9.391	1109	1115	1128	rVV2	77468	167052	6.08%	0.474%
26	9.644	1156	1158	1159	rBV2	8261	5707	0.21%	0.016%
27	10.002	1209	1219	1229	rBV	404665	743370	27.06%	2.108%
28	10.114	1235	1238	1241	rVB4	3556	4085	0.15%	0.012%
29	10.260	1257	1263	1264	rBV3	8230	13273	0.48%	0.038%
30	10.554	1304	1313	1329	rBV	538430	1060780	38.61%	3.009%
31	10.930	1368	1377	1386	rVB	622552	1125079	40.96%	3.191%
32	11.071	1394	1401	1412	rBV	419078	809981	29.48%	2.297%
33	11.447	1462	1465	1469	rBV5	5751	8046	0.29%	0.023%
34	11.741	1509	1515	1516	rBV3	10729	16574	0.60%	0.047%

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35	11.864	1535	1536	1542	rVB3	4473	6264	0.23%	0.018%
36	12.240	1595	1600	1603	rVB2	3431	4340	0.16%	0.012%
37	12.410	1626	1629	1633	rBV2	3000	4607	0.17%	0.013%
38	12.452	1633	1636	1642	rVB4	6884	9005	0.33%	0.026%
39	12.522	1644	1648	1653	rVB2	11141	18491	0.67%	0.052%
40	12.728	1679	1683	1686	rBV2	5026	5866	0.21%	0.017%
41	12.998	1727	1729	1732	rVB	4241	4364	0.16%	0.012%
42	13.057	1737	1739	1744	rVB2	5695	6572	0.24%	0.019%
43	13.104	1744	1747	1749	rBV2	4286	6618	0.24%	0.019%
44	13.215	1762	1766	1771	rVB3	4128	8474	0.31%	0.024%
45	13.268	1771	1775	1778	rBV3	2997	5585	0.20%	0.016%
46	13.350	1786	1789	1795	rBV3	10065	18048	0.66%	0.051%
47	13.409	1795	1799	1800	rBV	11672	10984	0.40%	0.031%
48	13.609	1830	1833	1834	rBV3	5710	4468	0.16%	0.013%
49	13.632	1834	1837	1842	rVB3	17081	27508	1.00%	0.078%
50	13.715	1847	1851	1852	rVB4	6650	5748	0.21%	0.016%
51	13.832	1869	1871	1874	rVB2	4155	4586	0.17%	0.013%
52	14.161	1920	1927	1931	rBV	1007850	1555526	56.62%	4.412%
53	14.208	1931	1935	1943	rVV	1392389	2018490	73.48%	5.725%
54	14.284	1945	1948	1950	rVB3	6189	6040	0.22%	0.017%
55	14.331	1954	1956	1962	rVB4	4695	6338	0.23%	0.018%
56	14.390	1962	1966	1968	rBV2	3979	4773	0.17%	0.014%
57	14.461	1968	1978	1985	rBV	1117255	1755932	63.92%	4.980%
58	14.631	2004	2007	2012	rVB3	34658	41690	1.52%	0.118%
59	14.707	2016	2020	2021	rBV3	5569	6844	0.25%	0.019%
60	14.766	2023	2030	2038	rBV2	938715	1558790	56.74%	4.421%
61	14.995	2062	2069	2081	rBV	280301	657885	23.95%	1.866%
62	15.254	2109	2113	2117	rVV6	7142	11789	0.43%	0.033%
63	15.324	2121	2125	2131	rVB7	10959	16909	0.62%	0.048%
64	15.541	2158	2162	2166	rBV3	19713	30015	1.09%	0.085%
65	15.589	2166	2170	2176	rVB2	65991	84536	3.08%	0.240%
66	15.647	2176	2180	2183	rBV4	7533	12256	0.45%	0.035%
67	15.765	2193	2200	2207	rBV	1496736	2253583	82.03%	6.392%
68	15.894	2216	2222	2230	rBV	474968	729683	26.56%	2.070%
69	15.970	2233	2235	2236	rVV2	12899	12101	0.44%	0.034%
70	15.994	2236	2239	2245	rVB5	30160	55154	2.01%	0.156%
71	16.088	2253	2255	2261	rVB7	6665	10616	0.39%	0.030%

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72	16.141	2261	2264	2269	rBV7	8895	14612	0.53%	0.041%
73	16.217	2274	2277	2282	rVB6	16123	22884	0.83%	0.065%
74	16.299	2288	2291	2294	rBV5	7619	12318	0.45%	0.035%
75	16.393	2304	2307	2308	rBV3	8815	8096	0.29%	0.023%
76	16.458	2313	2318	2326	rVV3	65081	127390	4.64%	0.361%
77	16.722	2361	2363	2368	rVB5	15099	20633	0.75%	0.059%
78	16.758	2368	2369	2371	rBV2	8326	6660	0.24%	0.019%
79	16.799	2371	2376	2379	rBV6	14012	22629	0.82%	0.064%
80	16.963	2401	2404	2407	rBV5	10436	11244	0.41%	0.032%
81	17.028	2413	2415	2420	rVB6	11726	12660	0.46%	0.036%
82	17.069	2420	2422	2423	rBV2	8527	6082	0.22%	0.017%
83	17.251	2449	2453	2457	rBV	41318	50314	1.83%	0.143%
84	17.398	2474	2478	2480	rBV5	9587	12925	0.47%	0.037%
85	17.533	2494	2501	2507	rBV2	1179329	1840466	67.00%	5.220%
86	17.633	2511	2518	2531	rVB	1552143	2374537	86.44%	6.735%
87	17.885	2557	2561	2571	rBV3	87877	207068	7.54%	0.587%
88	17.997	2576	2580	2585	rVV4	28603	34480	1.26%	0.098%
89	18.179	2609	2611	2613	rVB3	10088	5717	0.21%	0.016%
90	18.396	2644	2648	2655	rBV3	132184	203368	7.40%	0.577%
91	18.690	2694	2698	2702	rBV4	22975	38367	1.40%	0.109%
92	19.131	2771	2773	2778	rVB6	23726	30573	1.11%	0.087%
93	19.624	2854	2857	2861	rVB	57681	66568	2.42%	0.189%
94	19.671	2862	2865	2870	rVV7	27918	40582	1.48%	0.115%
95	19.918	2902	2907	2916	rVB2	1863225	2747108	100.00%	7.791%
96	21.451	3163	3168	3175	rBV5	119513	269368	9.81%	0.764%
97	21.845	3229	3235	3242	rVB	1207584	2065923	75.20%	5.859%
98	22.679	3373	3377	3395	rVB7	138469	450602	16.40%	1.278%
99	24.993	3762	3771	3783	rVB2	854964	2413771	87.87%	6.846%
100	25.228	3802	3811	3823	rVB	655698	1980638	72.10%	5.617%

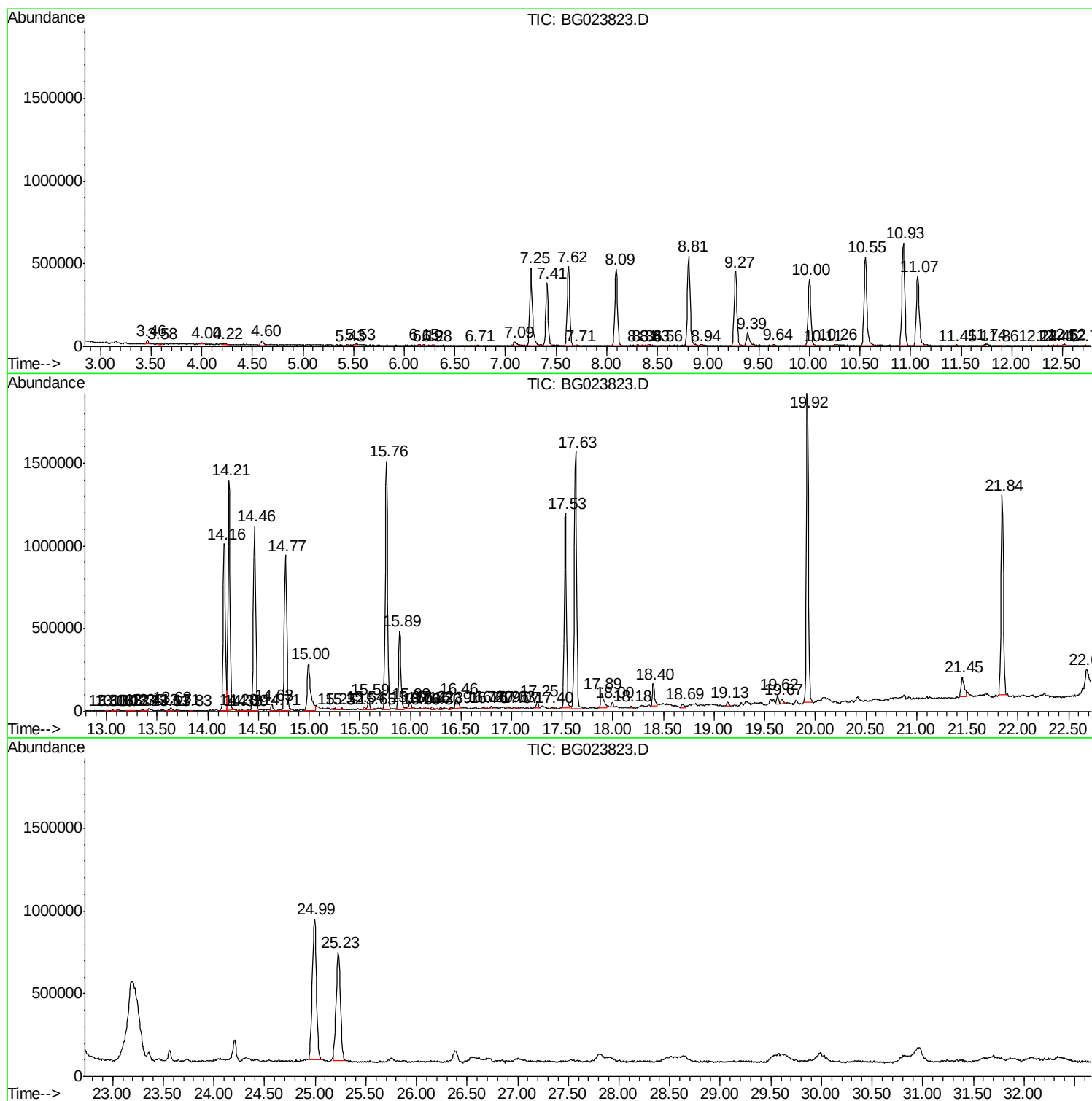
Sum of corrected areas: 35258586

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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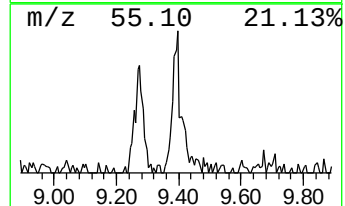
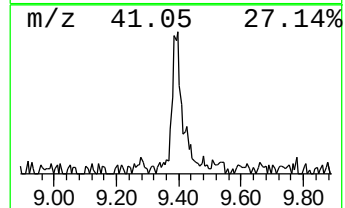
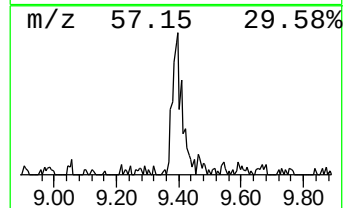
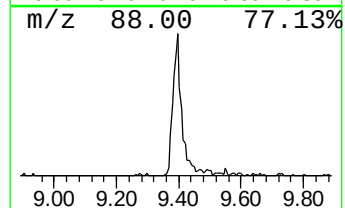
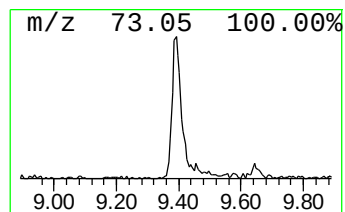
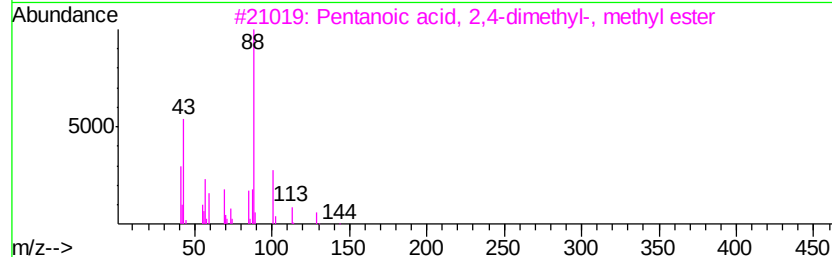
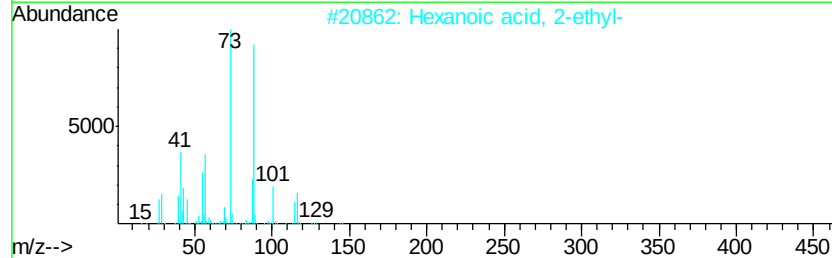
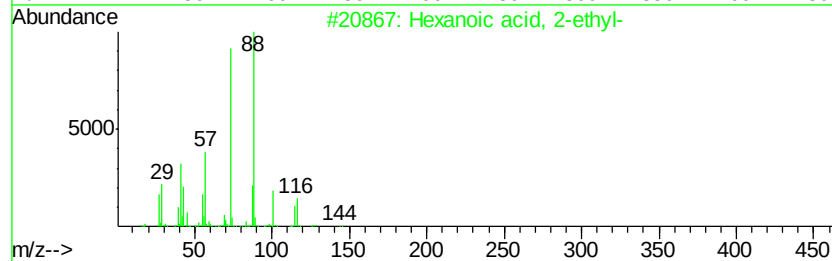
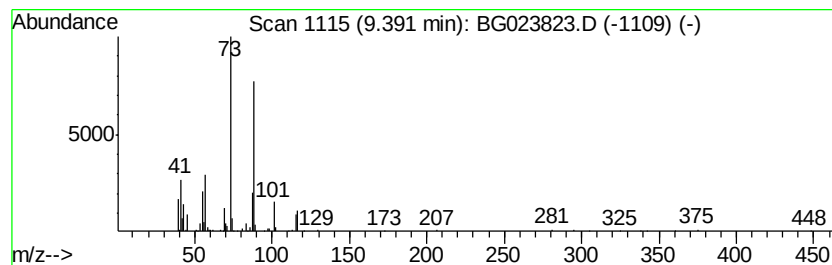
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.39	4.19 ng/ul	167052	1,4-Dichlorobenzene-d4	8.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86	
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78	
3	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	50	
4	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	47	
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45	



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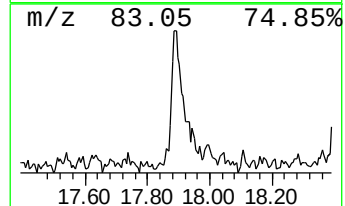
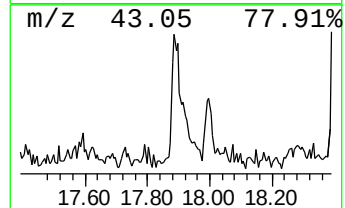
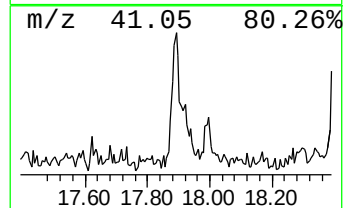
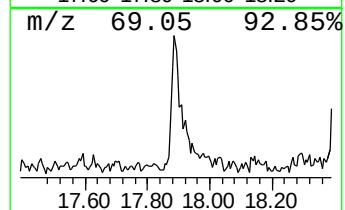
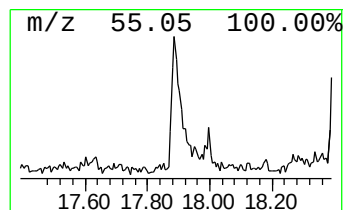
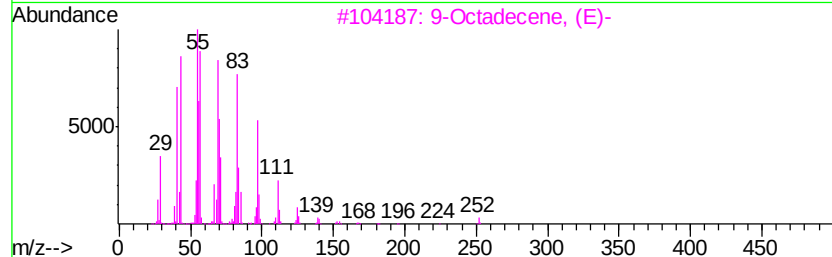
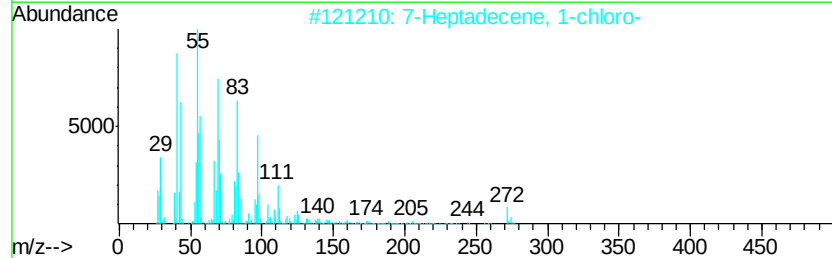
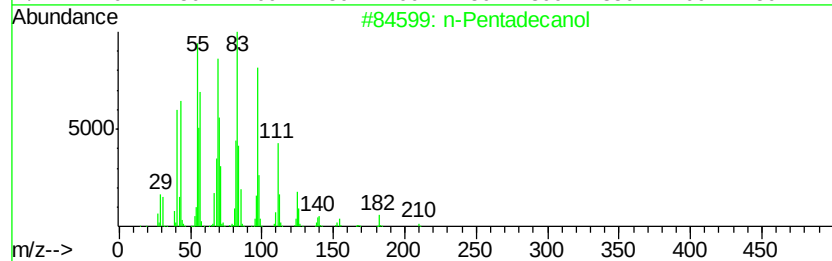
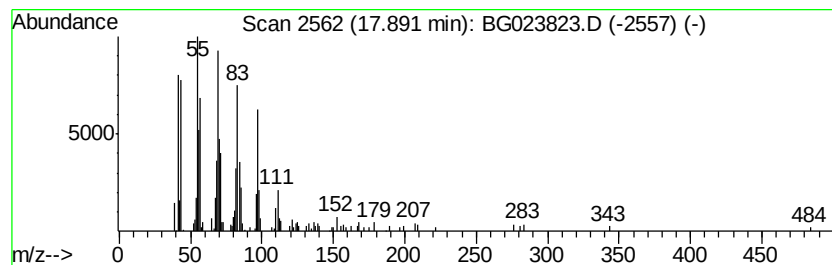
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Pentadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	2.25 ng/ul	207068	Phenanthrene-d10	17.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Pentadecanol	228	C15H32O	000629-76-5	91
2		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	83
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	83



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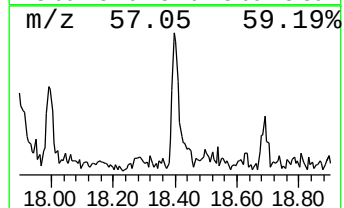
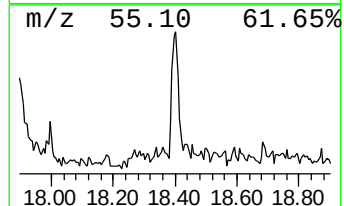
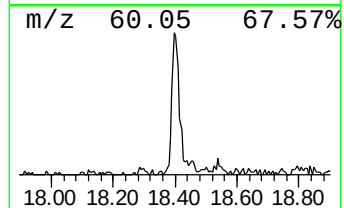
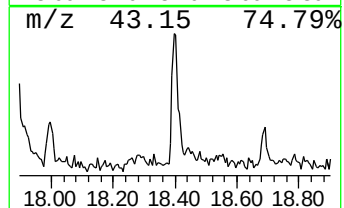
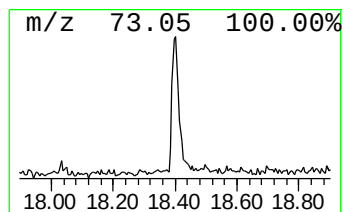
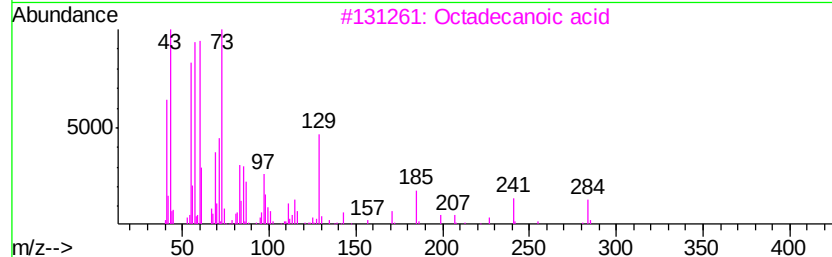
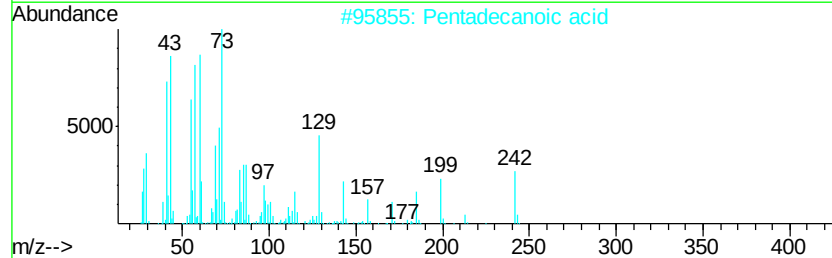
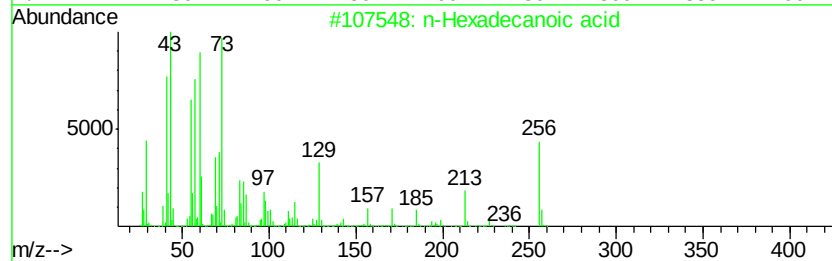
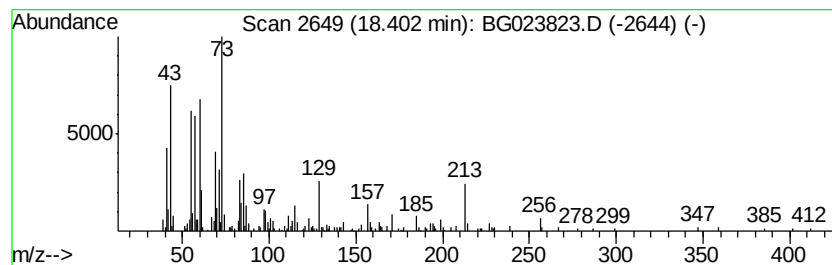
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.40	2.21 ng/ul	203368	Phenanthrene-d10		17.53	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Octadecanoic acid	284	C18H36O2	000057-11-4	70
4		Heptacosane	380	C27H56	000593-49-7	60
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
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Acq On : 20 Aug 2016 19:05
Operator : UM/SJ
Sample : H4533-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

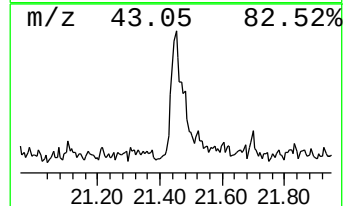
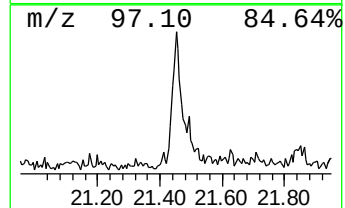
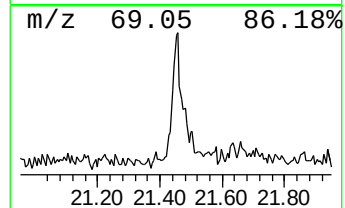
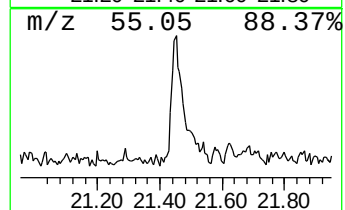
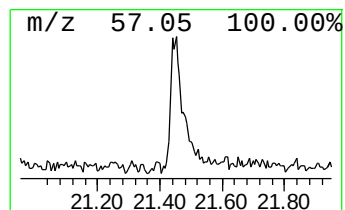
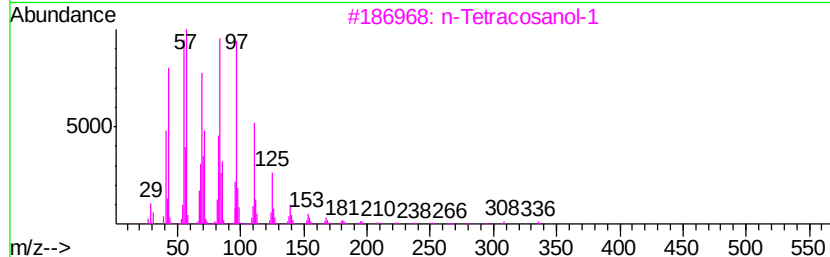
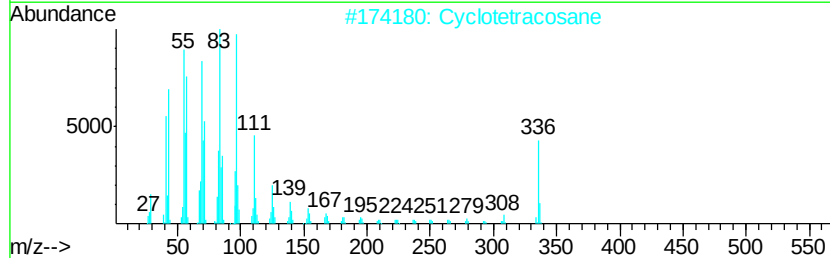
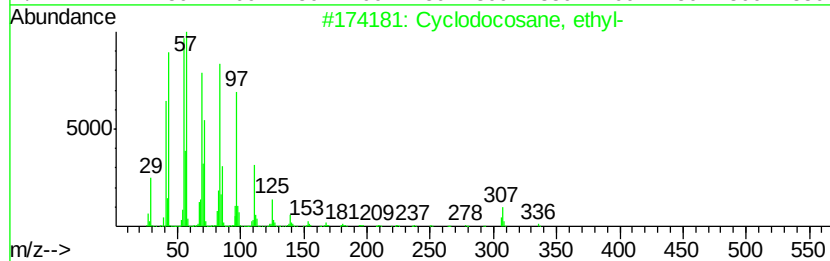
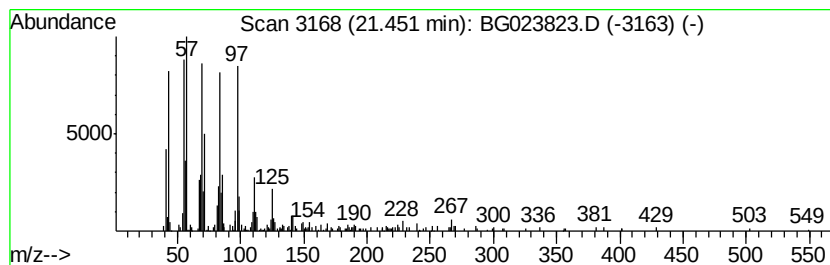
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.45 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.45	2.61 ng/ul	269368	Chrysene-d12	21.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	87



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TS02-01

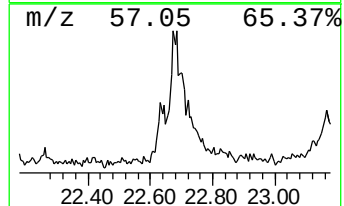
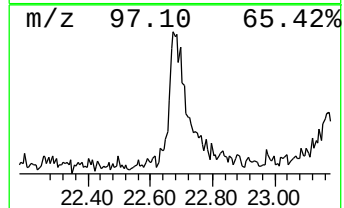
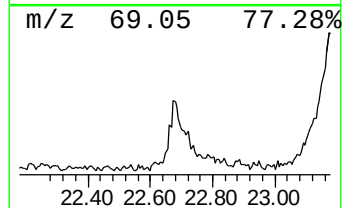
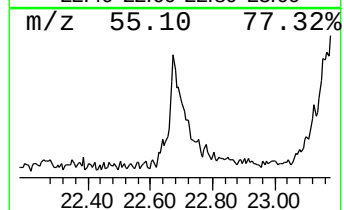
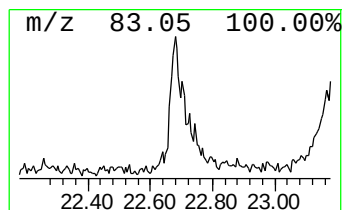
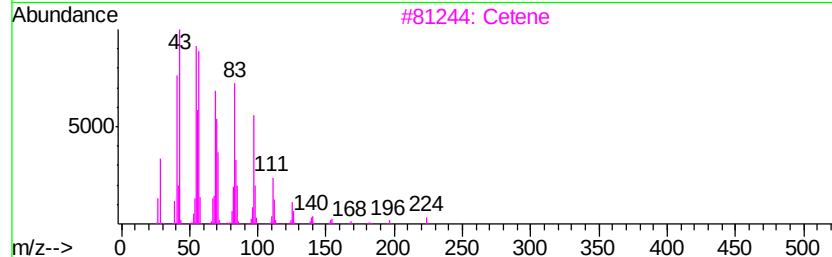
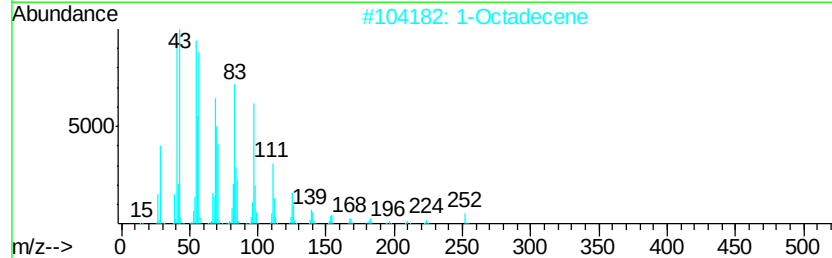
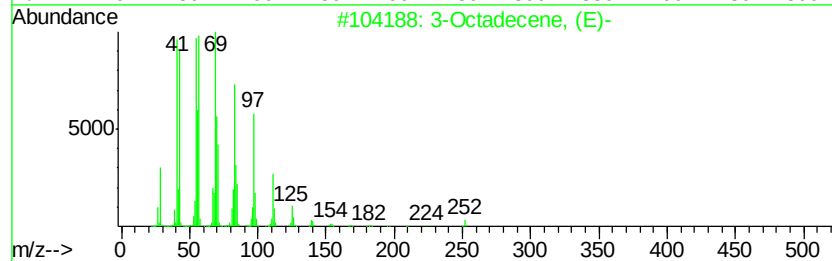
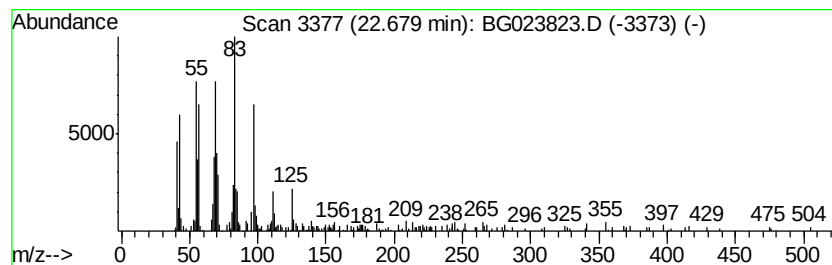
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic22.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	4.36 ng/ul	450602	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	97
2		1-Octadecene	252	C18H36	000112-88-9	96
3		Cetene	224	C16H32	000629-73-2	94
4		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	81
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	81



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TS02-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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-...	9.39	4.2	ng/ul	167052	1	8.09	797340	20.0
n-Pentadecanol	17.89	2.3	ng/ul	207068	4	17.53	1840470	20.0
n-Hexadecanoic acid	18.40	2.2	ng/ul	203368	4	17.53	1840470	20.0
(DEL) Alkane: Cyc...	21.45	2.6	ng/ul	269368	5	21.84	2065920	20.0
(DEL) Alkane: Cyc...	22.68	4.4	ng/ul	450602	5	21.84	2065920	20.0