

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023580.D
 Acq On : 10 Aug 2016 6:19
 Operator : UM/SJ
 Sample : H4362-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-0002-01

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	4.007	198	199	204	rBV3	13873	18154	0.46%	0.038%
2	4.248	236	240	246	rVB6	15296	23425	0.59%	0.049%
3	4.494	279	282	284	rBV3	8356	10768	0.27%	0.023%
4	4.677	310	313	314	rBV3	8252	8171	0.20%	0.017%
5	4.694	314	316	318	rVV3	6199	6283	0.16%	0.013%
6	5.246	406	410	414	rBV4	9778	17324	0.43%	0.036%
7	5.323	419	423	424	rVV3	7472	5782	0.14%	0.012%
8	5.975	530	534	536	rVB2	7196	8189	0.21%	0.017%
9	6.016	536	541	543	rBV5	5628	10127	0.25%	0.021%
10	6.962	700	702	705	rVB4	6054	5704	0.14%	0.012%
11	7.062	714	719	720	rVB5	7189	9302	0.23%	0.020%
12	7.085	720	723	724	rBV3	4865	6415	0.16%	0.013%
13	7.267	747	754	766	rBV	338945	654558	16.41%	1.373%
14	7.426	775	781	790	rBV	294533	476408	11.94%	1.000%
15	7.637	810	817	828	rBV2	352034	597309	14.98%	1.253%
16	8.113	890	898	904	rBV	559003	973293	24.40%	2.042%
17	8.330	932	935	938	rVB5	5488	7264	0.18%	0.015%
18	8.665	989	992	996	rBV4	4408	5960	0.15%	0.013%
19	8.824	1013	1019	1029	rBV	359474	650876	16.32%	1.366%
20	8.953	1036	1041	1044	rBV6	10634	17195	0.43%	0.036%
21	9.288	1091	1098	1106	rBV	365678	652626	16.36%	1.369%
22	9.400	1112	1117	1125	rBV9	19510	55984	1.40%	0.117%
23	9.635	1153	1157	1158	rBV4	8539	10376	0.26%	0.022%
24	9.670	1160	1163	1164	rVV3	7407	5768	0.14%	0.012%
25	10.016	1216	1222	1236	rBV	303833	577201	14.47%	1.211%
26	10.104	1236	1237	1240	rVB3	6661	5941	0.15%	0.012%
27	10.269	1260	1265	1268	rBV6	9198	11016	0.28%	0.023%
28	10.569	1309	1316	1328	rBV	466522	909012	22.79%	1.907%
29	10.945	1371	1380	1389	rBV	852133	1586407	39.77%	3.328%
30	11.086	1398	1404	1417	rBV2	254834	548873	13.76%	1.152%
31	11.350	1446	1449	1453	rVB4	5422	7957	0.20%	0.017%
32	11.550	1480	1483	1486	rVB5	4249	5838	0.15%	0.012%
33	11.732	1511	1514	1515	rBV3	7862	9274	0.23%	0.019%
34	11.890	1539	1541	1544	rBV3	7528	9876	0.25%	0.021%

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35	12.049	1565	1568	1570	rBV4	5772	7597	0.19%	0.016%
36	12.284	1603	1608	1609	rBV4	6244	8268	0.21%	0.017%
37	12.390	1623	1626	1629	rBV4	5462	6780	0.17%	0.014%
38	12.542	1646	1652	1657	rVB5	10343	17033	0.43%	0.036%
39	12.660	1668	1672	1675	rVB6	7640	10752	0.27%	0.023%
40	12.748	1682	1687	1689	rBV4	6929	9934	0.25%	0.021%
41	13.059	1733	1740	1741	rBV6	6456	7438	0.19%	0.016%
42	13.083	1741	1744	1746	rBV3	4738	6833	0.17%	0.014%
43	13.124	1746	1751	1757	rVB5	15272	25609	0.64%	0.054%
44	13.206	1763	1765	1769	rVB4	5840	6148	0.15%	0.013%
45	13.365	1789	1792	1801	rVB5	31146	46798	1.17%	0.098%
46	13.523	1817	1819	1822	rVB4	6775	6607	0.17%	0.014%
47	13.570	1822	1827	1828	rBV3	7398	9237	0.23%	0.019%
48	13.653	1836	1841	1847	rVB7	21741	32360	0.81%	0.068%
49	14.093	1911	1916	1922	rVB7	22887	43064	1.08%	0.090%
50	14.175	1922	1930	1934	rBV	1107126	1603776	40.21%	3.365%
51	14.222	1934	1938	1946	rVB	908202	1315664	32.99%	2.760%
52	14.405	1966	1969	1971	rBV3	10407	13191	0.33%	0.028%
53	14.475	1974	1981	1989	rBV	1130109	1824171	45.74%	3.827%
54	14.616	2000	2005	2007	rBV6	10163	10494	0.26%	0.022%
55	14.651	2007	2011	2015	rVB3	23293	30418	0.76%	0.064%
56	14.728	2021	2024	2026	rBV4	13631	14492	0.36%	0.030%
57	14.781	2026	2033	2041	rVB2	1551532	2573537	64.52%	5.399%
58	14.833	2041	2042	2046	rBV4	9471	9587	0.24%	0.020%
59	14.998	2065	2070	2084	rBV2	318296	702438	17.61%	1.474%
60	15.156	2092	2097	2099	rBV6	9337	14435	0.36%	0.030%
61	15.186	2100	2102	2103	rVB2	11336	6369	0.16%	0.013%
62	15.380	2133	2135	2138	rVB3	6973	8205	0.21%	0.017%
63	15.509	2155	2157	2161	rVB5	8826	8462	0.21%	0.018%
64	15.562	2162	2166	2169	rVV	26544	39207	0.98%	0.082%
65	15.603	2170	2173	2179	rVB2	56597	74034	1.86%	0.155%
66	15.779	2196	2203	2210	rBV	1601706	2538419	63.64%	5.326%
67	15.897	2218	2223	2233	rVV	514848	817443	20.50%	1.715%
68	16.020	2236	2244	2248	rBV8	40186	73043	1.83%	0.153%
69	16.237	2277	2281	2286	rBV8	12832	25246	0.63%	0.053%
70	16.308	2290	2293	2297	rBV6	18745	20086	0.50%	0.042%
71	16.414	2308	2311	2315	rVB6	15588	24935	0.63%	0.052%

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72	16.472	2317	2321	2329	rVV2	61787	124407	3.12%	0.261%
73	16.625	2343	2347	2349	rBV4	18284	21828	0.55%	0.046%
74	16.654	2351	2352	2356	rVB4	16205	11620	0.29%	0.024%
75	16.725	2360	2364	2365	rBV3	11536	11656	0.29%	0.024%
76	16.978	2405	2407	2413	rVB7	26961	27975	0.70%	0.059%
77	17.271	2451	2457	2461	rBV2	60162	92443	2.32%	0.194%
78	17.412	2477	2481	2487	rBV6	60627	97233	2.44%	0.204%
79	17.477	2489	2492	2495	rBV4	29768	36385	0.91%	0.076%
80	17.547	2497	2504	2509	rBV2	2239468	3563163	89.34%	7.476%
81	17.641	2515	2520	2532	rVB2	1869329	2824815	70.82%	5.927%
82	18.017	2580	2584	2588	rVB4	28791	33894	0.85%	0.071%
83	18.305	2627	2633	2637	rBV9	49570	87268	2.19%	0.183%
84	18.364	2637	2643	2646	rBV6	44427	75366	1.89%	0.158%
85	18.417	2647	2652	2659	rBV2	600515	858174	21.52%	1.801%
86	18.705	2699	2701	2708	rBV8	21666	34393	0.86%	0.072%
87	19.333	2805	2808	2812	rVB2	51338	62844	1.58%	0.132%
88	19.598	2849	2853	2861	rVB	387577	575432	14.43%	1.207%
89	19.686	2864	2868	2875	rVB2	205968	285839	7.17%	0.600%
90	19.938	2904	2911	2921	rBV2	2263872	3843807	96.37%	8.065%
91	20.438	2994	2996	3004	rVB4	103302	142361	3.57%	0.299%
92	21.466	3167	3171	3177	rBV2	281874	521625	13.08%	1.094%
93	21.724	3212	3215	3220	rVB	100931	140587	3.52%	0.295%
94	21.865	3231	3239	3245	rBV2	2216193	3988473	100.00%	8.368%
95	22.294	3308	3312	3317	rVB7	84581	129804	3.25%	0.272%
96	22.676	3372	3377	3378	rBV	182022	297073	7.45%	0.623%
97	24.238	3637	3643	3652	rVB2	889513	2094834	52.52%	4.395%
98	25.014	3767	3775	3784	rBV2	901445	2479273	62.16%	5.202%
99	25.255	3807	3816	3828	rVB	1260793	3718218	93.22%	7.801%
100	26.435	4009	4017	4028	rVB3	503176	1581487	39.65%	3.318%

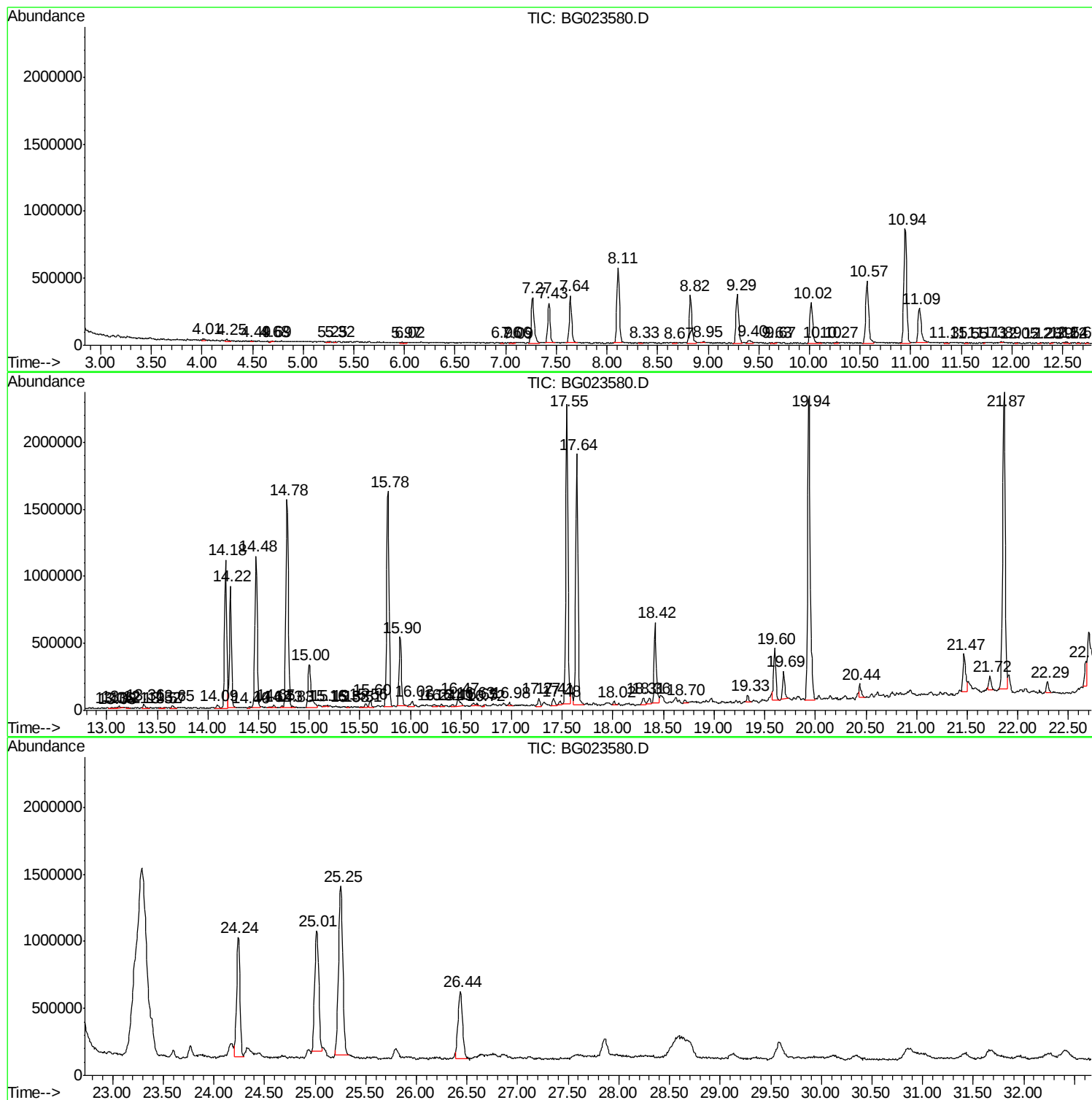
Sum of corrected areas: 47663043

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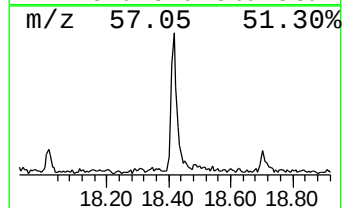
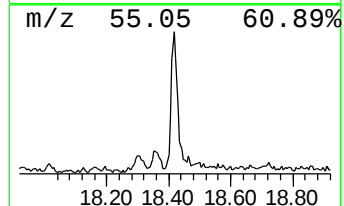
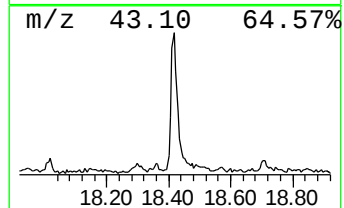
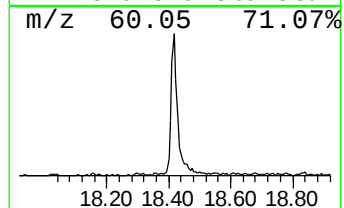
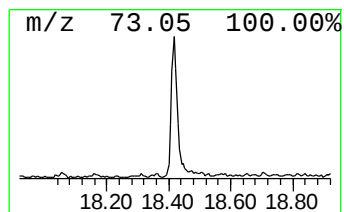
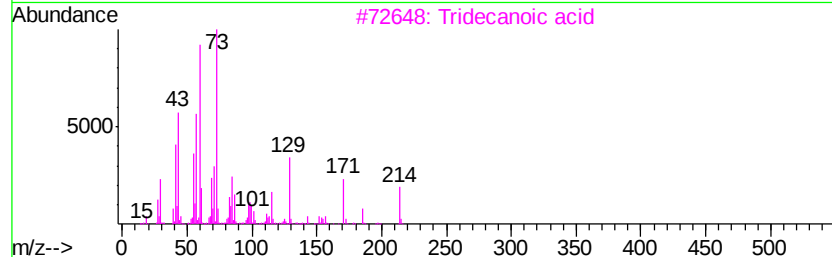
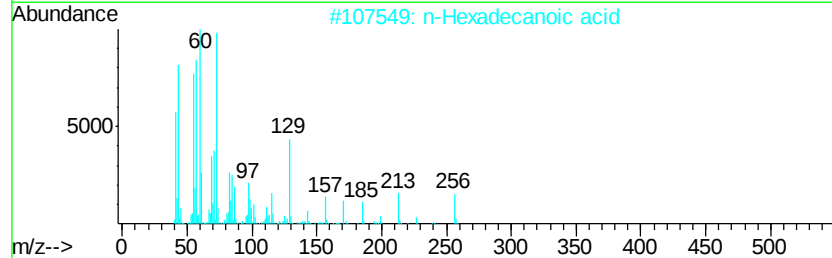
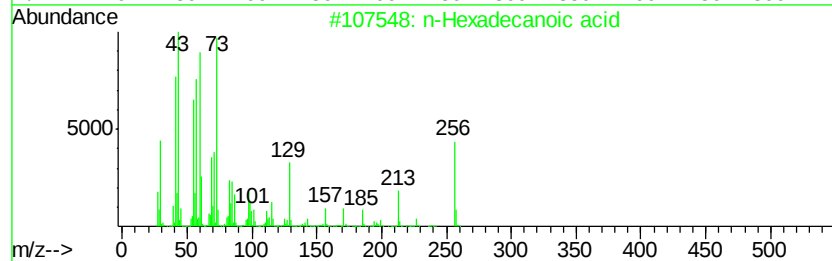
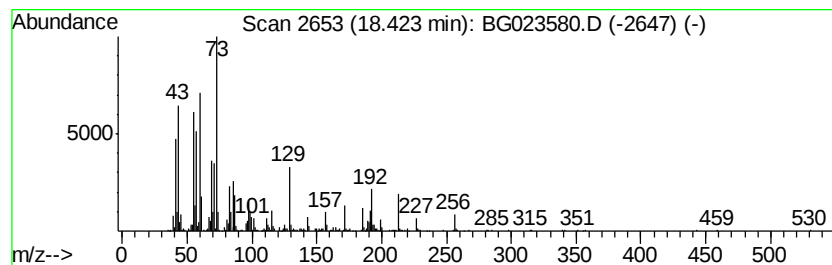
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.82 ng/ul	858174	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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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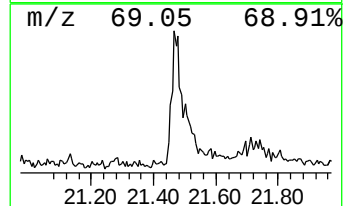
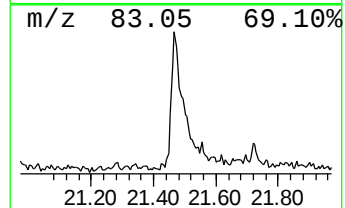
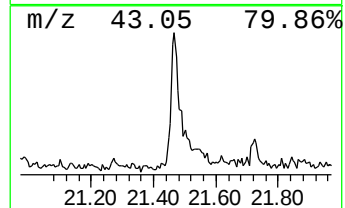
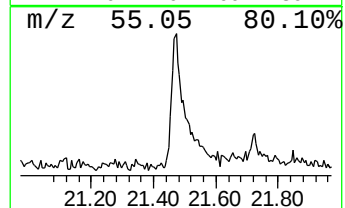
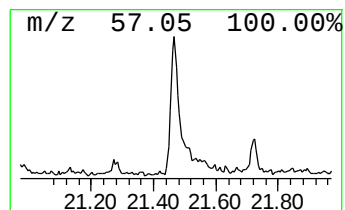
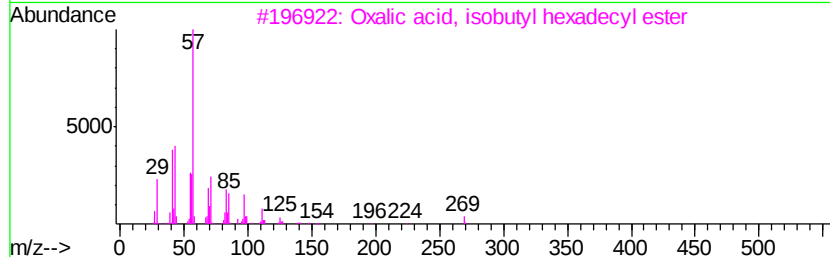
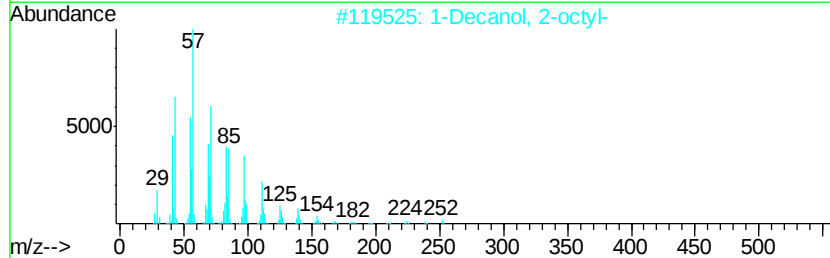
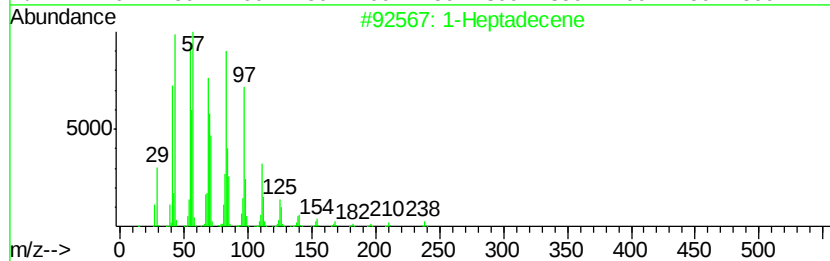
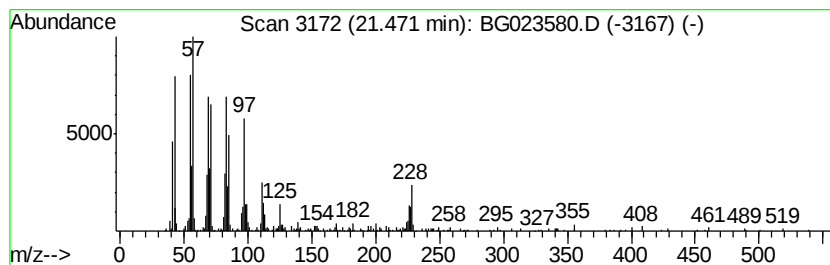
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.62 ng/ul	521625	Chrysene-d12	21.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	92
2		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	81
5		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	81



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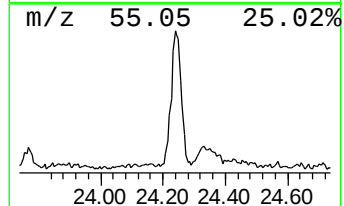
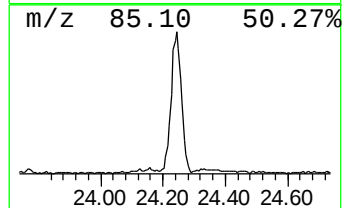
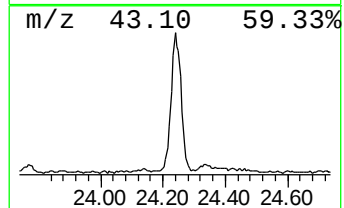
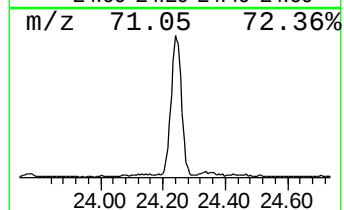
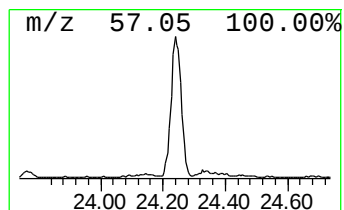
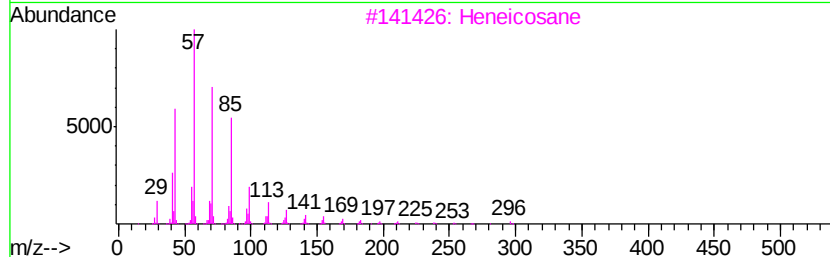
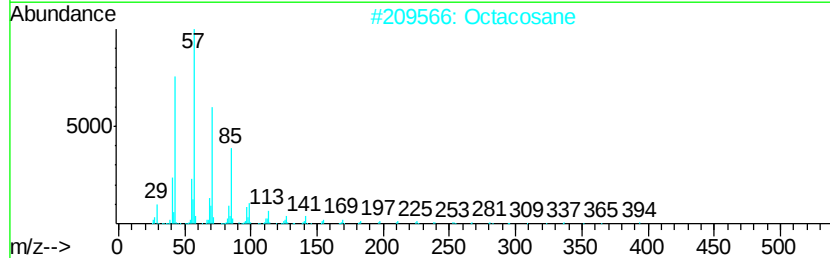
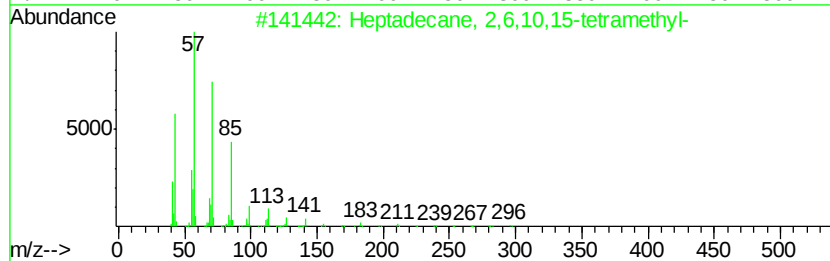
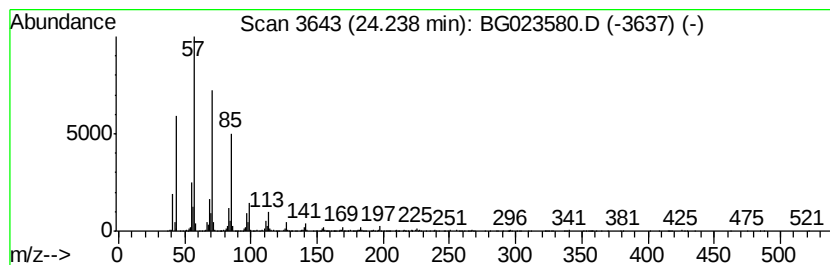
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	11.27 ng/ul	2094830	Perylene-d12	25.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023580.D
Acq On : 10 Aug 2016 6:19
Operator : UM/SJ
Sample : H4362-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

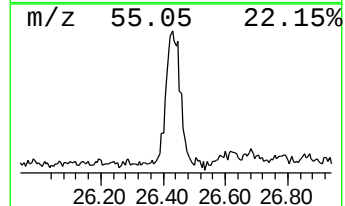
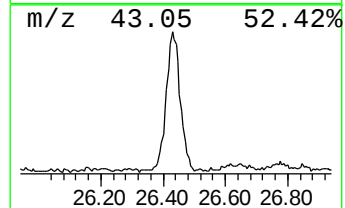
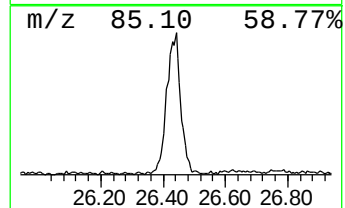
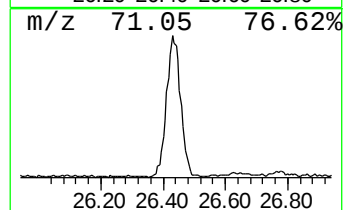
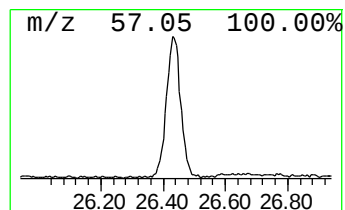
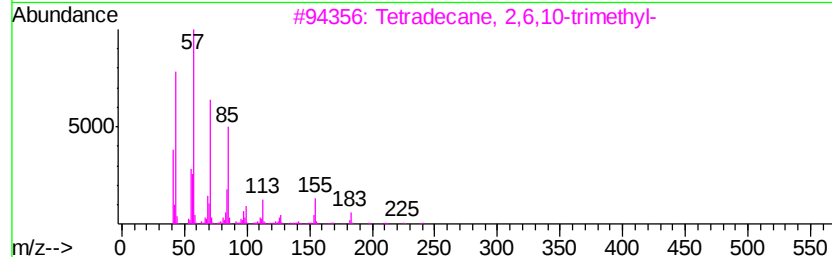
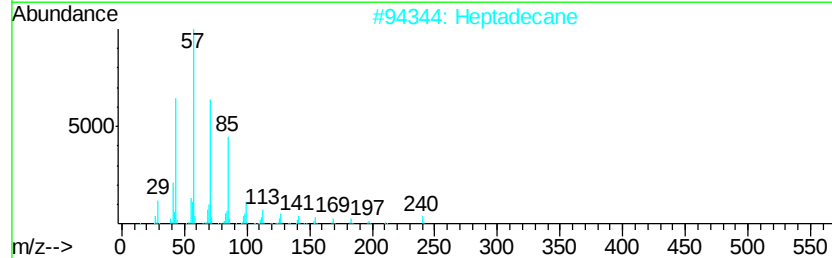
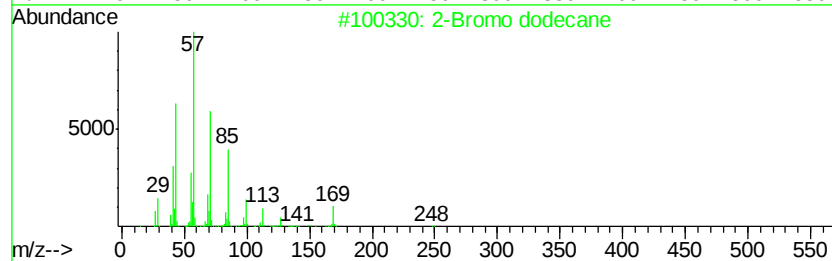
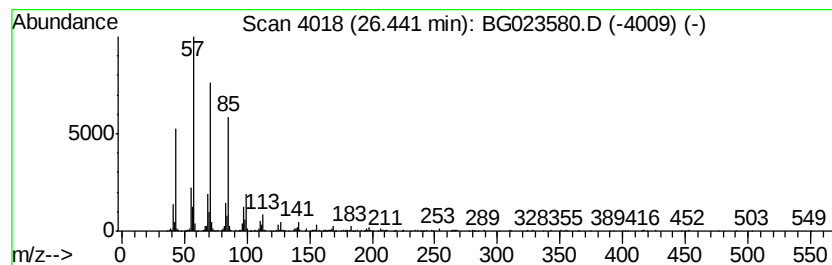
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.44	8.51 ng/ul	1581490	Perylene-d12	25.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	94
2	Heptadecane		240	C17H36	000629-78-7	93
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tetratetracontane		619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023580.D
Acq On : 10 Aug 2016 6:19
Operator : UM/SJ
Sample : H4362-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

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
n-Hexadecanoic acid	18.42	4.8	ng/ul	858174	4	17.54	3563160	20.0
(DEL) Alkane: Cyc...	21.47	2.6	ng/ul	521625	5	21.86	3988470	20.0
(DEL) Alkane: Str...	24.24	11.3	ng/ul	2094830	6	25.25	3718220	20.0
2-Bromo dodecane	26.44	8.5	ng/ul	1581490	6	25.25	3718220	20.0