

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025120.D
 Acq On : 12 Dec 2016 18:47
 Operator : UM/SJ
 Sample : H5992-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P035-SS001-1824-03

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-BG113016.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	3.274	71	74	78	rVB4	13808	20192	0.78%	0.061%
2	3.321	79	82	85	rVB4	8242	11400	0.44%	0.034%
3	3.592	122	128	138	rBV7	22334	47652	1.83%	0.143%
4	3.874	174	176	179	rBV3	5281	6411	0.25%	0.019%
5	3.921	183	184	189	rBV2	7371	8210	0.32%	0.025%
6	4.038	199	204	208	rVB4	7769	14027	0.54%	0.042%
7	4.073	208	210	214	rVB4	6269	7670	0.29%	0.023%
8	4.138	215	221	226	rVB8	17499	34460	1.32%	0.104%
9	4.232	229	237	238	rVB7	7019	15560	0.60%	0.047%
10	4.361	254	259	266	rBV7	9295	19895	0.76%	0.060%
11	4.602	298	300	305	rVB4	6399	8725	0.34%	0.026%
12	4.649	305	308	309	rVB2	7902	7344	0.28%	0.022%
13	4.690	309	315	317	rBV6	6705	13721	0.53%	0.041%
14	4.773	326	329	330	rBV3	7396	6686	0.26%	0.020%
15	4.790	330	332	336	rVV3	5505	7508	0.29%	0.023%
16	5.060	375	378	385	rVB5	5893	11618	0.45%	0.035%
17	5.131	386	390	395	rVB6	6511	14208	0.55%	0.043%
18	5.172	395	397	400	rBV3	7151	6964	0.27%	0.021%
19	5.201	400	402	406	rVB4	6175	7601	0.29%	0.023%
20	5.301	415	419	425	rBV6	8370	16859	0.65%	0.051%
21	5.507	451	454	457	rBV5	7143	7395	0.28%	0.022%
22	5.742	493	494	498	rVB3	6850	6766	0.26%	0.020%
23	5.818	504	507	517	rVV8	6193	14176	0.54%	0.043%
24	6.218	572	575	579	rBV5	4665	7345	0.28%	0.022%
25	6.382	598	603	604	rBV5	5143	7162	0.28%	0.022%
26	6.435	609	612	616	rVB4	6851	6396	0.25%	0.019%
27	6.535	623	629	630	rBV5	5934	10433	0.40%	0.031%
28	6.612	639	642	646	rBV5	6826	7240	0.28%	0.022%
29	7.387	765	774	789	rBV2	396646	889196	34.17%	2.674%
30	7.481	789	790	794	rVB4	7266	7411	0.28%	0.022%
31	7.552	794	802	812	rBV	274614	483710	18.59%	1.455%
32	7.769	831	839	847	rBV	360284	654278	25.14%	1.968%
33	8.110	895	897	901	rVB4	4981	6706	0.26%	0.020%
34	8.239	910	919	927	rVB	374347	657650	25.27%	1.978%

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35	8.451	950	955	957	rBV4	5552	7771	0.30%	0.023%
36	8.539	966	970	972	rVB4	5015	7017	0.27%	0.021%
37	8.574	972	976	979	rBV4	4605	8517	0.33%	0.026%
38	8.721	994	1001	1004	rVB7	5341	13641	0.52%	0.041%
39	8.938	1028	1038	1058	rBV	454768	917392	35.25%	2.759%
40	9.350	1107	1108	1112	rVB3	5815	6735	0.26%	0.020%
41	9.414	1112	1119	1129	rBV	412579	793484	30.49%	2.386%
42	9.543	1137	1141	1144	rBV6	5107	7311	0.28%	0.022%
43	9.620	1152	1154	1159	rVB6	6004	6957	0.27%	0.021%
44	9.673	1159	1163	1165	rBV2	4948	7308	0.28%	0.022%
45	9.749	1170	1176	1181	rVV5	7254	14840	0.57%	0.045%
46	10.143	1233	1243	1253	rBV2	374944	738071	28.36%	2.220%
47	10.507	1300	1305	1306	rVB4	6387	8450	0.32%	0.025%
48	10.683	1325	1335	1351	rBV	522972	1050854	40.38%	3.160%
49	11.065	1392	1400	1412	rVB	556907	1045457	40.17%	3.144%
50	11.200	1414	1423	1438	rBV	432095	890572	34.22%	2.678%
51	11.917	1541	1545	1549	rVB4	6084	11470	0.44%	0.034%
52	12.076	1568	1572	1575	rBV4	4586	7029	0.27%	0.021%
53	12.182	1587	1590	1597	rVB5	6964	9955	0.38%	0.030%
54	12.229	1597	1598	1604	rVB4	6239	9985	0.38%	0.030%
55	12.434	1629	1633	1636	rVB4	7727	7785	0.30%	0.023%
56	12.522	1645	1648	1652	rBV3	5292	6469	0.25%	0.019%
57	12.569	1654	1656	1662	rBV3	6380	12847	0.49%	0.039%
58	12.634	1662	1667	1672	rVV6	13041	24347	0.94%	0.073%
59	12.857	1702	1705	1707	rVB3	7608	7176	0.28%	0.022%
60	13.075	1739	1742	1745	rVB2	5593	7167	0.28%	0.022%
61	13.198	1760	1763	1768	rVV3	7144	11096	0.43%	0.033%
62	13.439	1800	1804	1811	rBV6	9166	18347	0.70%	0.055%
63	13.492	1811	1813	1818	rVB2	4957	7153	0.27%	0.022%
64	13.645	1835	1839	1840	rBV3	5851	6961	0.27%	0.021%
65	13.709	1849	1850	1859	rBV6	6272	14341	0.55%	0.043%
66	14.250	1936	1942	1947	rBV	1082700	1659223	63.75%	4.990%
67	14.297	1947	1950	1967	rVB	190788	298804	11.48%	0.899%
68	14.485	1978	1982	1987	rVV5	5825	12732	0.49%	0.038%
69	14.561	1987	1995	2008	rVV	1056719	1746666	67.11%	5.253%
70	14.708	2015	2020	2023	rBV6	13139	21298	0.82%	0.064%
71	14.861	2037	2046	2056	rBV	1017387	1636481	62.88%	4.922%

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72	14.949	2060	2061	2067	rVB4	4731	7478	0.29%	0.022%
73	15.055	2068	2079	2102	rVV2	389718	855420	32.87%	2.573%
74	15.231	2102	2109	2118	rVB2	16537	48203	1.85%	0.145%
75	15.319	2119	2124	2127	rVB6	7952	13369	0.51%	0.040%
76	15.607	2166	2173	2175	rBV5	9627	18834	0.72%	0.057%
77	15.648	2177	2180	2187	rVB3	47567	64545	2.48%	0.194%
78	15.848	2204	2214	2225	rBV	1549889	2357803	90.59%	7.091%
79	15.965	2227	2234	2244	rBV	536678	827391	31.79%	2.488%
80	16.053	2246	2249	2251	rBV4	9249	9015	0.35%	0.027%
81	16.083	2251	2254	2262	rVB7	23026	35024	1.35%	0.105%
82	16.271	2283	2286	2291	rBV5	9241	13604	0.52%	0.041%
83	16.512	2321	2327	2335	rBV2	59096	112440	4.32%	0.338%
84	16.794	2370	2375	2377	rBV5	8295	12248	0.47%	0.037%
85	16.952	2398	2402	2407	rBV7	21483	39743	1.53%	0.120%
86	17.123	2426	2431	2437	rVB7	20989	33851	1.30%	0.102%
87	17.305	2457	2462	2465	rBV2	41034	55143	2.12%	0.166%
88	17.358	2466	2471	2474	rVB6	8710	15064	0.58%	0.045%
89	17.605	2506	2513	2523	rBV2	1131663	1804134	69.32%	5.426%
90	17.704	2523	2530	2539	rVB	1407124	2220674	85.32%	6.678%
91	17.975	2574	2576	2582	rVB7	12439	25272	0.97%	0.076%
92	18.039	2582	2587	2591	rBV7	20151	33343	1.28%	0.100%
93	18.327	2630	2636	2640	rBV9	21169	44249	1.70%	0.133%
94	18.445	2651	2656	2667	rBV	333540	521024	20.02%	1.567%
95	19.702	2865	2870	2877	rBV4	152992	231904	8.91%	0.697%
96	19.972	2909	2916	2927	rBV	1727135	2602628	100.00%	7.827%
97	21.477	3168	3172	3183	rVB6	131459	315817	12.13%	0.950%
98	21.894	3236	3243	3254	rBV2	1179805	2213223	85.04%	6.656%
99	25.078	3776	3785	3797	rVB2	802407	2403395	92.34%	7.228%
100	25.313	3816	3825	3840	rVB2	700642	2202189	84.61%	6.623%

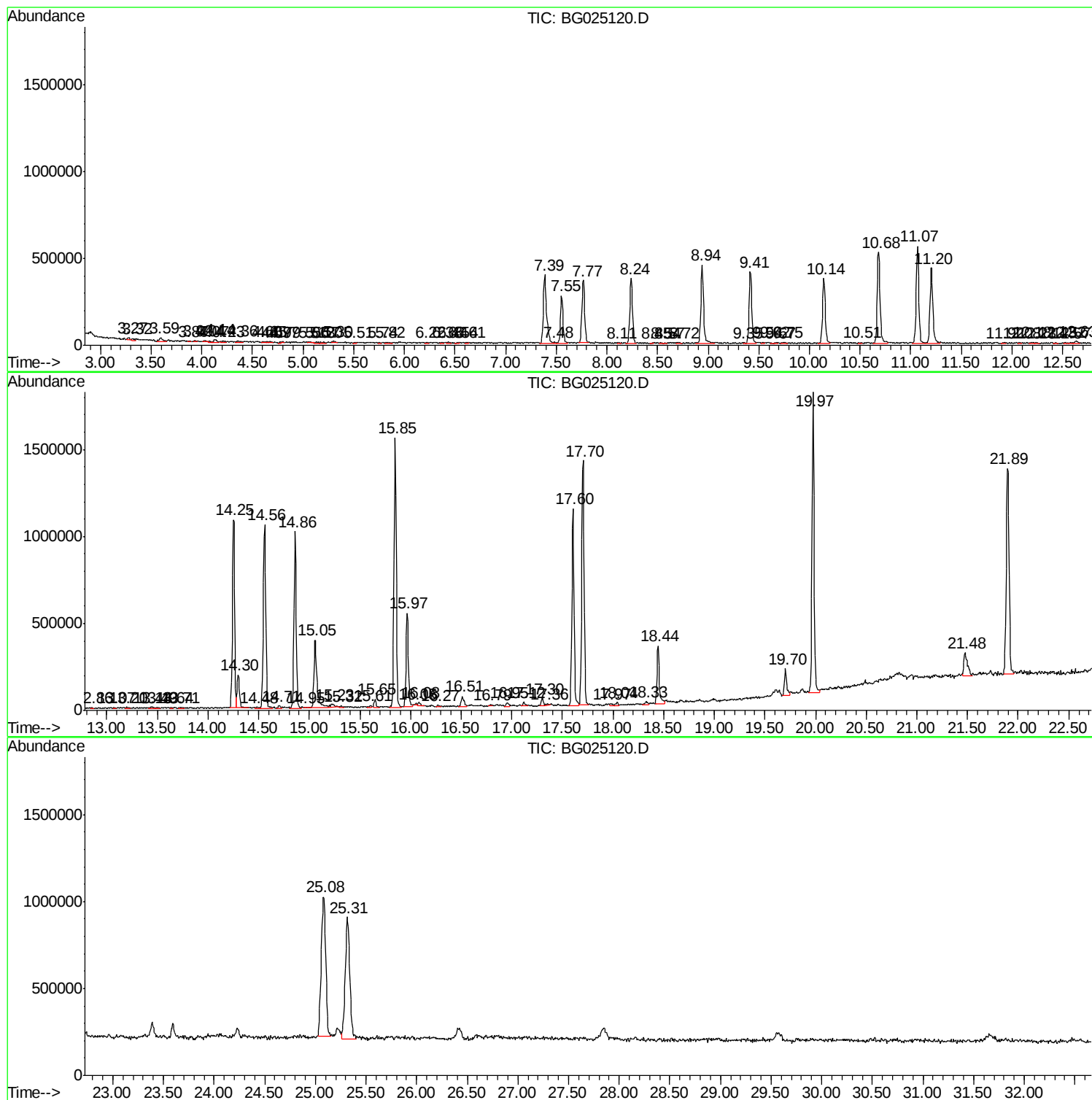
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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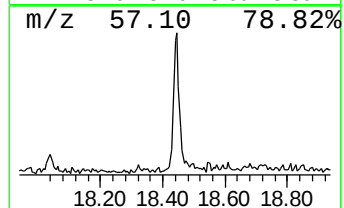
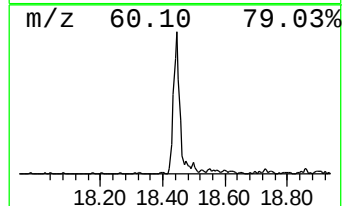
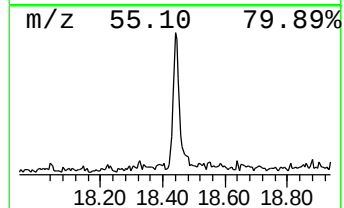
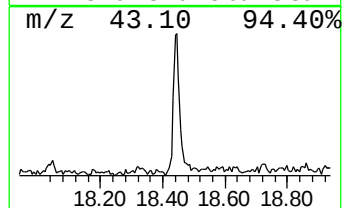
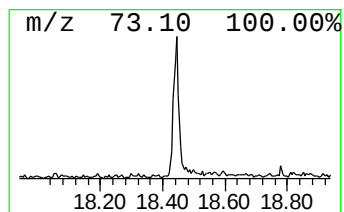
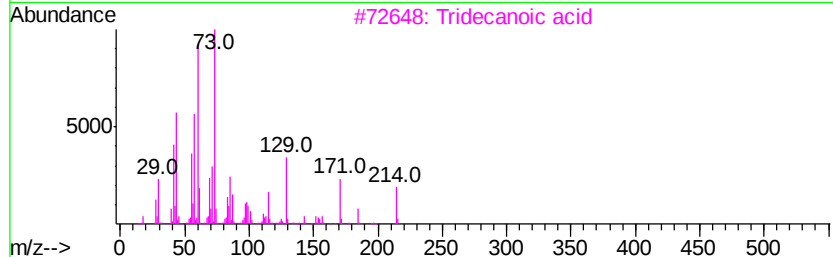
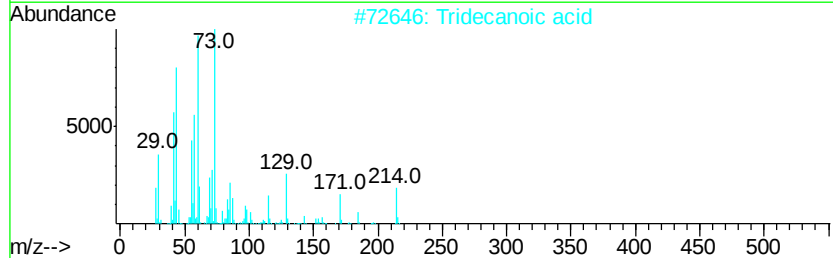
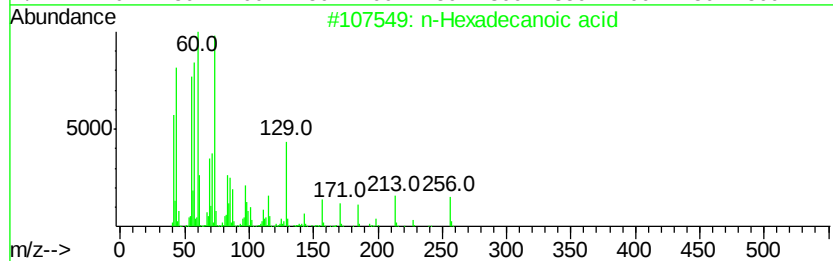
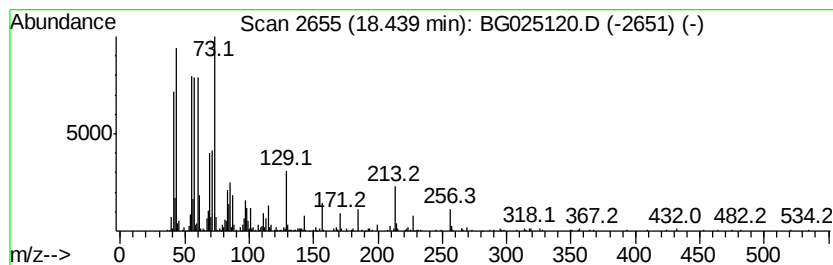
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
18.44	5.78 ng/ul	521024	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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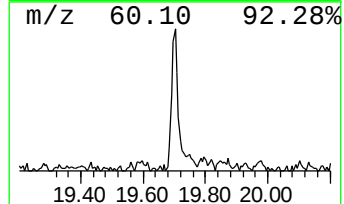
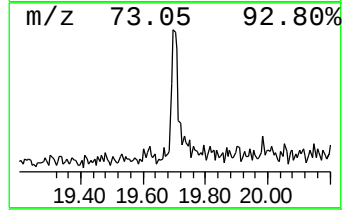
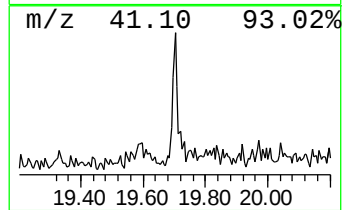
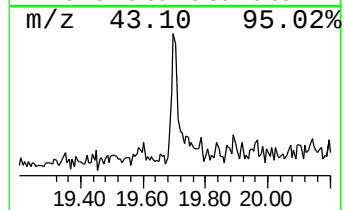
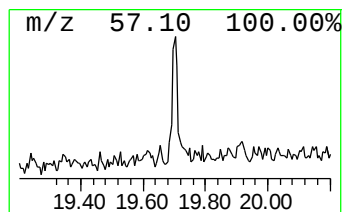
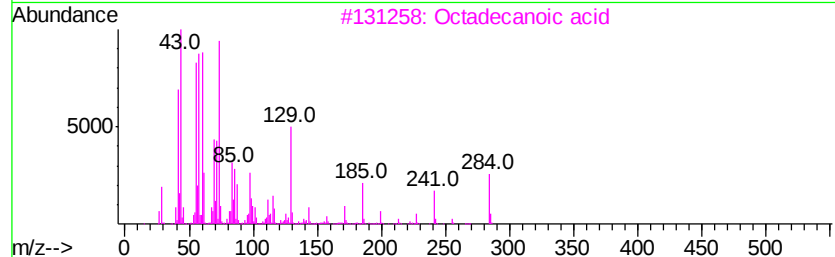
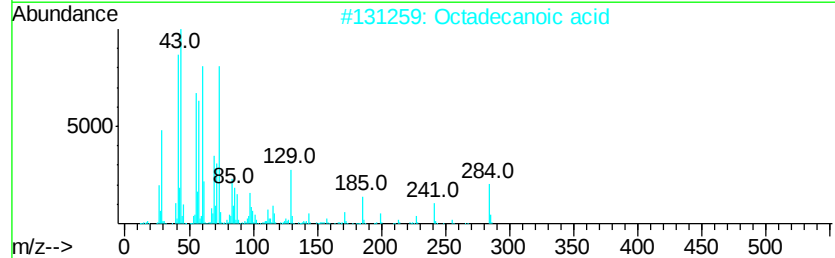
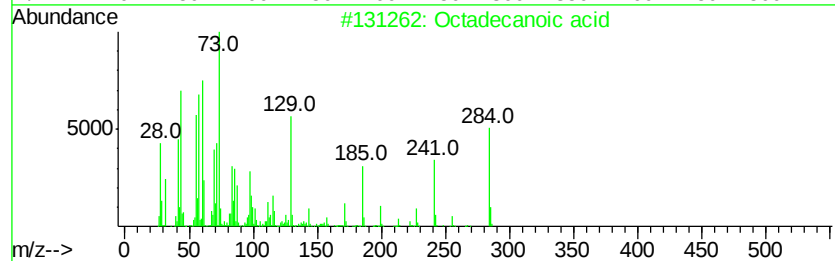
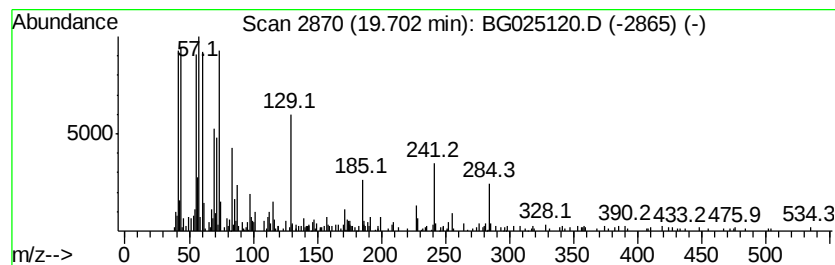
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.57 ng/ul	231904	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid	284	C18H36O2	000057-11-4	74
3		Octadecanoic acid	284	C18H36O2	000057-11-4	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	55



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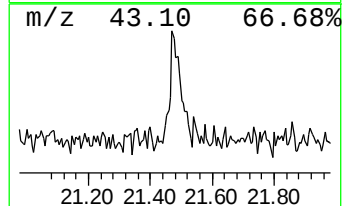
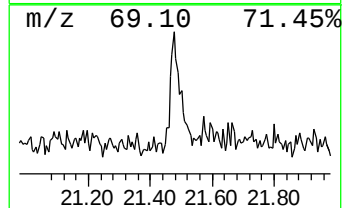
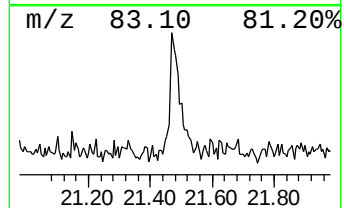
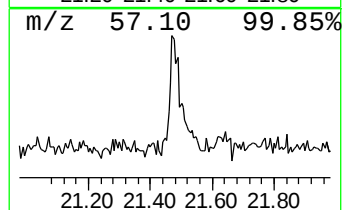
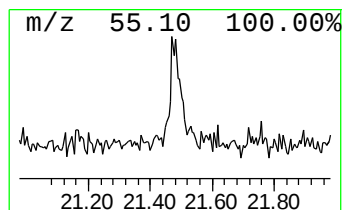
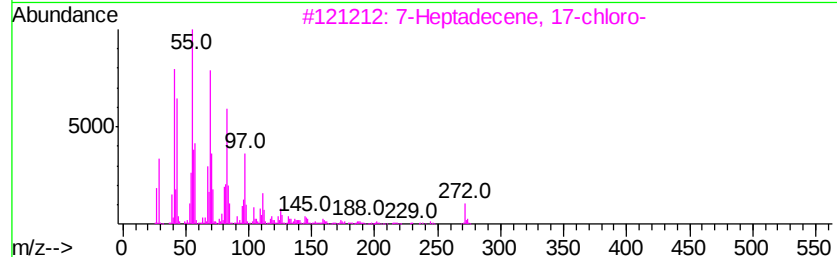
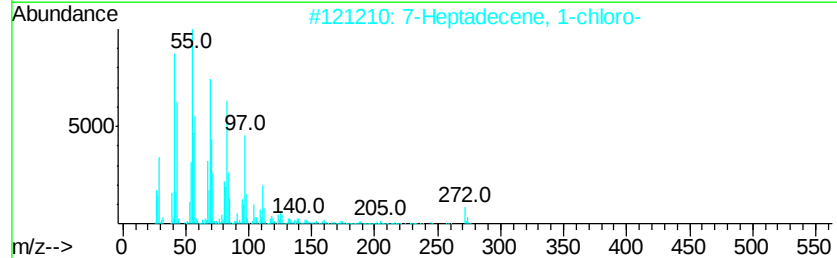
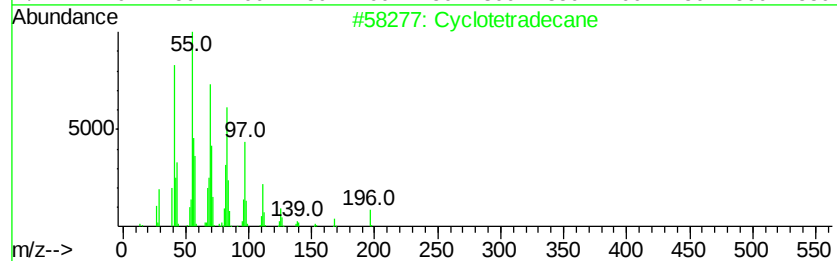
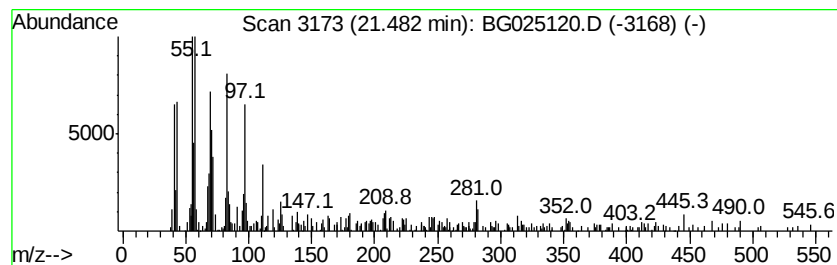
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Peak Number 3 (DEL) Alkane: Cyclic21.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.85 ng/ul	315817	Chrysene-d12	21.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	93
2			7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	93
3			7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	93
4			3-Hexadecene, (Z)-	224	C16H32	034303-81-6	91
5			1-Pentadecanethiol	244	C15H32S	025276-70-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025120.D
Acq On : 12 Dec 2016 18:47
Operator : UM/SJ
Sample : H5992-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P035-SS001-1824-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	18.44	5.8	ng/ul	521024	4	17.60	1804130	20.0
Octadecanoic acid	19.70	2.6	ng/ul	231904	4	17.60	1804130	20.0
(DEL) Alkane: Cyc...	21.48	2.9	ng/ul	315817	5	21.89	2213220	20.0