LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028452.D
Acq On : 23 Aug 2017 16:04
Operator : SJ/JU
Sample : I4827-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AF8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.829	36	41	50	rVB6	9619	19472	1.06%	0.124%
2	4.235	105	110	113	rBV3	2731	2922	0.16%	0.019%
3	4.334	122	127	134	rVB5	10449	22558	1.23%	0.144%
4	4.399	134	138	142	rBV6	2498	5262	0.29%	0.034%
5	4.481	151	152	159	rVB4	3096	5010	0.27%	0.032%
6	4.922	222	227	233	rVB4	2405	5326	0.29%	0.034%
7	5.374	297	304	307	rVB3	1735	3492	0.19%	0.022%
8	5.457	312	318	326	rVB7	5852	13020	0.71%	0.083%
9	5.551	326	334	336	rBV6	2618	5623	0.31%	0.036%
10	5.674	352	355	363	rBV3	1524	3740	0.20%	0.024%
11	5.839	380	383	389	rBV6	1817	4044	0.22%	0.026%
12	6.038	413	417	418	rBV2	2625	3102	0.17%	0.020%
13	6.350	465	470	473	rVB3	1729	3299	0.18%	0.021%
14	6.426	477	483	486	rVB5	2128	3068	0.17%	0.020%
15	6.555	497	505	508	rBV4	3454	4988	0.27%	0.032%
16	6.914	558	566	569	rBV4	1823	4654	0.25%	0.030%
17	7.237	618	621	625	rVB3	1742	2732	0.15%	0.017%
18	7.331	634	637	642	rBV4	2058	3373	0.18%	0.022%
19	7.501	659	666	682	rVB	190673	385170	21.02%	2.457%
20	7.660	685	693	703	rBV2	133485	227744	12.43%	1.453%
21	7.883	723	731	744	rVV	181256	330608	18.04%	2.109%
22	8.153	769	777	779	rBV2	2359	3829	0.21%	0.024%
23	8.177	780	781	786	rVB3	2350	2755	0.15%	0.018%
24	8.347	803	810	818	rBV	183552	318478	17.38%	2.032%
25	8.817	883	890	891	rVB3	1862	3146	0.17%	0.020%
26	9.047	920	929	941	rBV	210332	391726	21.38%	2.499%
27	9.135	941	944	949	rVB6	2063	3134	0.17%	0.020%
28	9.517	999	1009	1019	rBV	188633	360618	19.68%	2.300%
29	9.628	1027	1028	1035	rVB4	2167	3679	0.20%	0.023%
30	9.852	1060	1066	1068	rBV4	2456	3285	0.18%	0.021%
31	10.239	1123	1132	1140	rBV2	163751	318167	17.36%	2.030%
32	10.457	1157	1169	1182	rBV7	7303	21328	1.16%	0.136%
33	10.651	1200	1202	1205	rBV2	3323	2957	0.16%	0.019%
34	10.786	1214	1225	1243	rBV	238945	465130	25.38%	2.967%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	11.168	1279	1290	1298	rBV	259486	488642	26.67%	3.117%
36	11.297	1305	1312	1328	rBV	163493	328432	17.92%	2.095%
37	11.632	1363	1369	1374	rBV4	3910	8615	0.47%	0.055%
38	11.967	1423	1426	1431	rVB4	2612	4986	0.27%	0.032%
39	12.008	1431	1433	1438	rBV3	2042	3750	0.20%	0.024%
40	12.125	1449	1453	1458	rVB2	2315	2840	0.15%	0.018%
41	12.531	1516	1522	1525	rVB4	2745	4147	0.23%	0.026%
42	12.607	1531	1535	1540	rVB5	2286	4097	0.22%	0.026%
43	12.719	1551	1554	1562	rVV4	3765	6423	0.35%	0.041%
44	12.801	1562	1568	1574	rVB2	3181	7583	0.41%	0.048%
45	13.018	1600	1605	1609	rVB3	4429	5926	0.32%	0.038%
46	13.077	1613	1615	1621	rVB3	1851	2950	0.16%	0.019%
47	13.142	1621	1626	1633	rBV4	2033	3894	0.21%	0.025%
48	13.218	1633	1639	1644	rBV4	5807	12874	0.70%	0.082%
49	13.295	1649	1652	1654	rBV3	3183	3222	0.18%	0.021%
50	13.547	1691	1695	1700	rVB4	5438	8644	0.47%	0.055%
51	13.594	1700	1703	1709	rBV3	2596	6316	0.34%	0.040%
52	13.741	1723	1728	1733	rVB4	3940	5439	0.30%	0.035%
53	13.800	1733	1738	1745	rBV3	2786	7514	0.41%	0.048%
54	13.906	1755	1756	1763	rBV4	2495	3864	0.21%	0.025%
55	14.282	1812	1820	1823	rBV7	3419	7466	0.41%	0.048%
56	14.346	1823	1831	1835	rVV	423877	663987	36.24%	4.236%
57	14.393	1835	1839	1853	rVB	136277	205951	11.24%	1.314%
58	14.511	1856	1859	1864	rVB4	2857	3651	0.20%	0.023%
59	14.652	1875	1883	1895	rVB	488163	773990	42.24%	4.938%
60	14.740	1895	1898	1903	rBV	3336	3958	0.22%	0.025%
61	14.805	1903	1909	1917	rVB4	10344	18245	1.00%	0.116%
62	14.881	1917	1922	1925	rBV4	2781	6300	0.34%	0.040%
63	14.957	1925	1935	1943	rVV2	389758	662504	36.16%	4.226%
64	15.016	1943	1945	1950	rVB3	11324	14848	0.81%	0.095%
65	15.163	1961	1970	1982	rBV3	109375	250671	13.68%	1.599%
66	15.333	1990	1999	2010	rBV4	61414	141325	7.71%	0.902%
67	15.492	2023	2026	2028	rBV4	3833	4592	0.25%	0.029%
68	15.750	2059	2070	2076	rBV5	19396	38913	2.12%	0.248%
69	15.944	2096	2103	2110	rBV	605379	947028	51.68%	6.041%
70	16.003	2110	2113	2117	rVB3	10957	13911	0.76%	0.089%
71	16.068	2117	2124	2133	rBV	106436	172491	9.41%	1.100%

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Instrument : BNA_G
ClientSampleId : B0AF8

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	16.138	2133	2136	2137	rBV3	6237	5936	0.32%	0.038%
73	16.250	2153	2155	2158	rBV4	4682	6314	0.34%	0.040%
74	16.367	2174	2175	2181	rBV6	4388	5339	0.29%	0.034%
75	16.438	2185	2187	2196	rVB7	7331	14322	0.78%	0.091%
76	16.538	2196	2204	2206	rBV8	5996	12947	0.71%	0.083%
77	16.614	2212	2217	2223	rBV2	23029	37669	2.06%	0.240%
78	16.867	2258	2260	2263	rBV4	4684	6367	0.35%	0.041%
79	16.961	2272	2276	2279	rBV5	6651	12807	0.70%	0.082%
80	17.061	2288	2293	2300	rBV9	22337	39618	2.16%	0.253%
81	17.231	2318	2322	2325	rBV6	8513	14839	0.81%	0.095%
82	17.354	2340	2343	2347	rBV4	16115	26453	1.44%	0.169%
83	17.407	2349	2352	2358	rBV8	12053	16639	0.91%	0.106%
84	17.531	2370	2373	2377	rVB4	10791	14588	0.80%	0.093%
85	17.707	2396	2403	2407	rBV2	467398	744183	40.61%	4.747%
86	17.748	2407	2410	2414	rVV	193998	284713	15.54%	1.816%
87	17.807	2414	2420	2432	rVB	601473	990801	54.07%	6.321%
88	18.112	2467	2472	2482	rVB3	23820	53066	2.90%	0.339%
89	18.553	2542	2547	2555	rBV3	71950	184061	10.05%	1.174%
90	18.624	2556	2559	2565	rVB3	50175	81509	4.45%	0.520%
91	18.770	2580	2584	2588	rBV4	36575	59169	3.23%	0.377%
92	18.923	2608	2610	2615	rVB5	20749	26897	1.47%	0.172%
93	19.064	2631	2634	2638	rVB2	24566	39820	2.17%	0.254%
94	19.746	2745	2750	2756	rBV	396702	594531	32.45%	3.793%
95	20.081	2801	2807	2819	rBV2	791795	1832329	100.00%	11.689%
96	20.351	2850	2853	2856	rVB	62092	68778	3.75%	0.439%
97	20.386	2856	2859	2863	rBV2	79769	96193	5.25%	0.614%
98	22.037	3132	3140	3146	rBV2	545113	1283707	70.06%	8.189%
99	25.322	3691	3699	3706	rBV	265733	766913	41.85%	4.892%
100	25.557	3733	3739	3753	rVB2	187103	547724	29.89%	3.494%

Sum of corrected areas: 15675660

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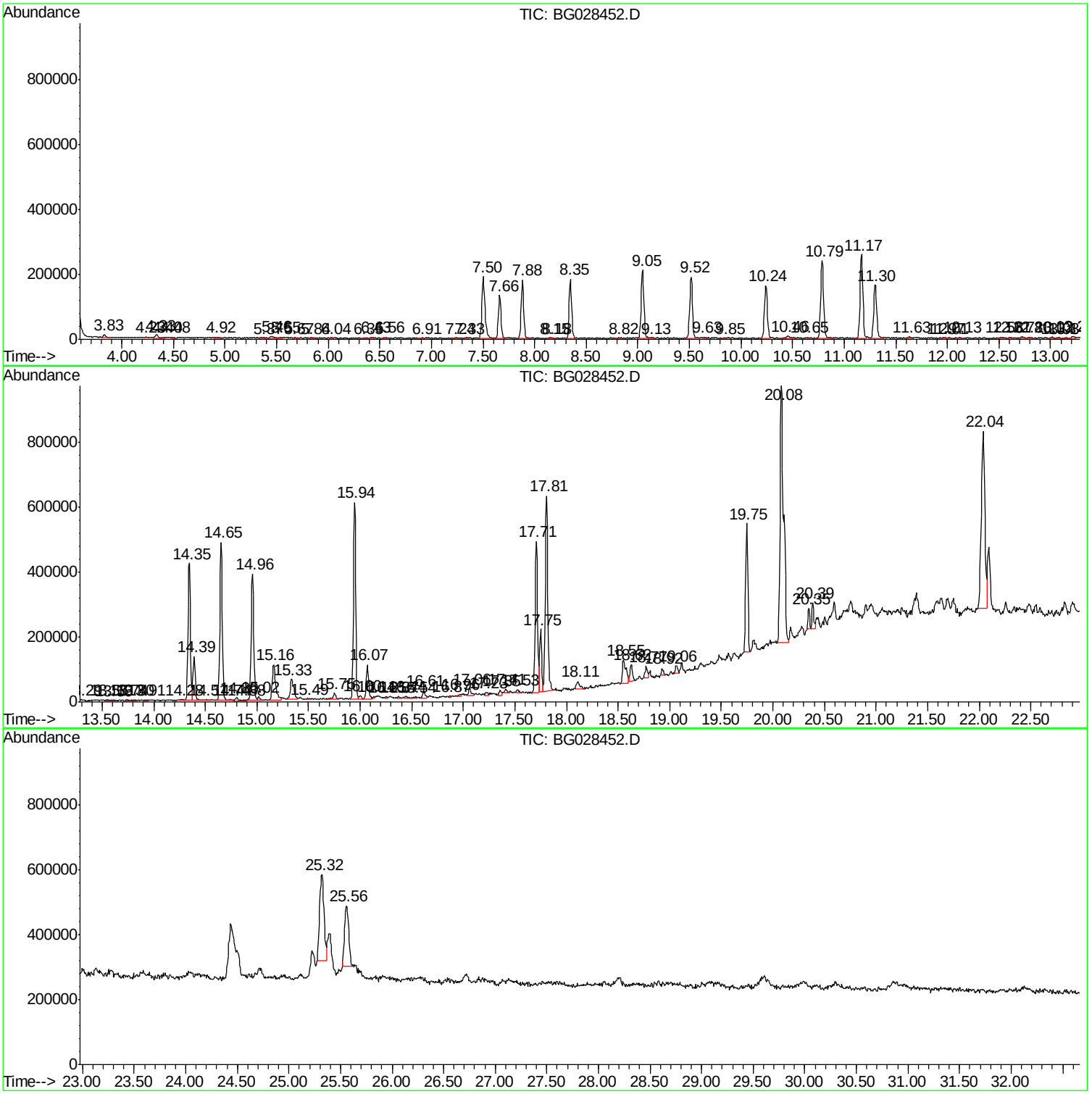
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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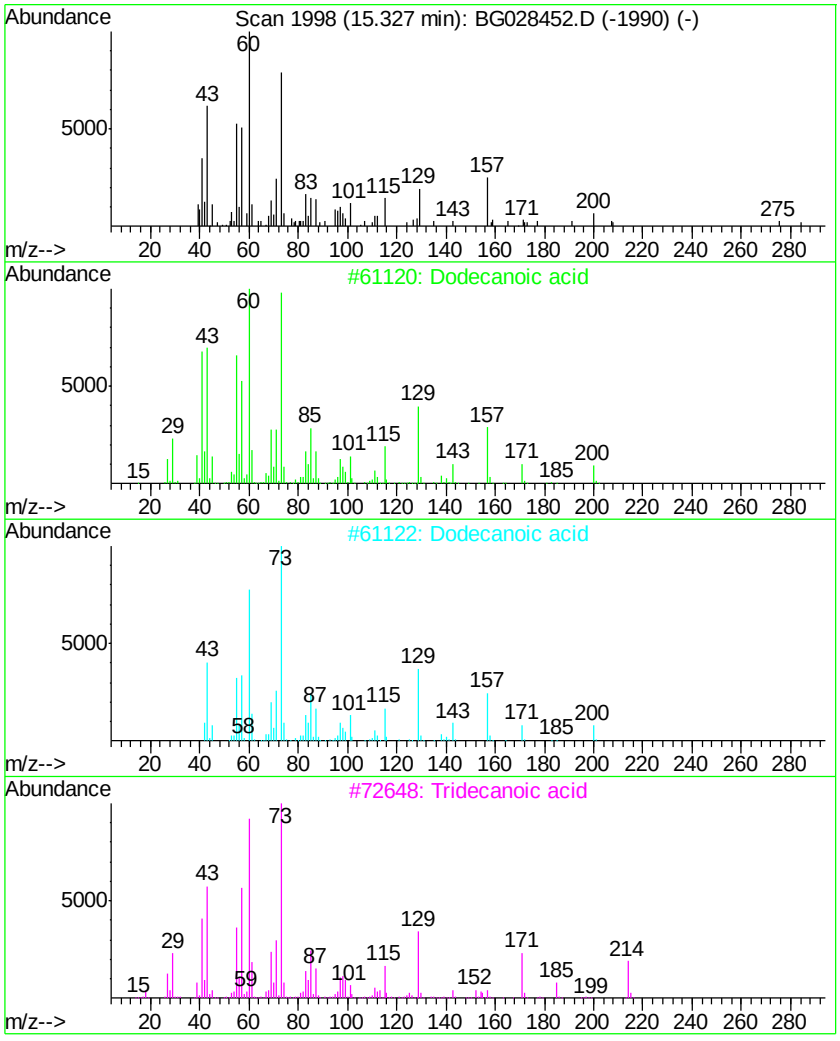
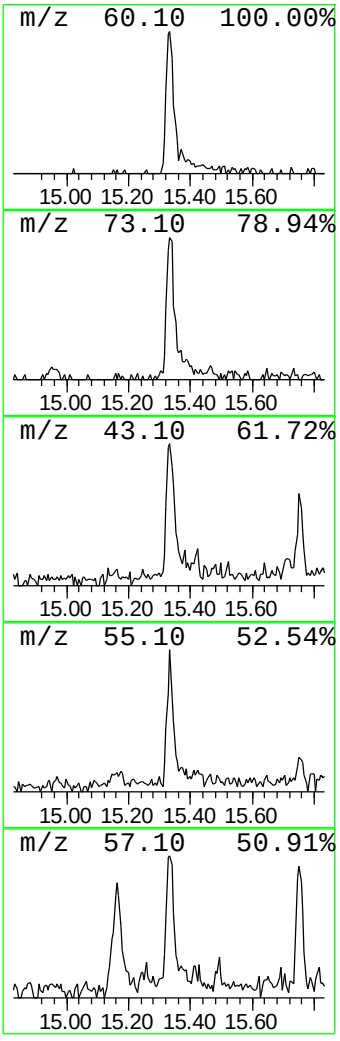
****

Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.27 ng/ul	141325	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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TIC Library : C:\DATABASE\NIST11.L
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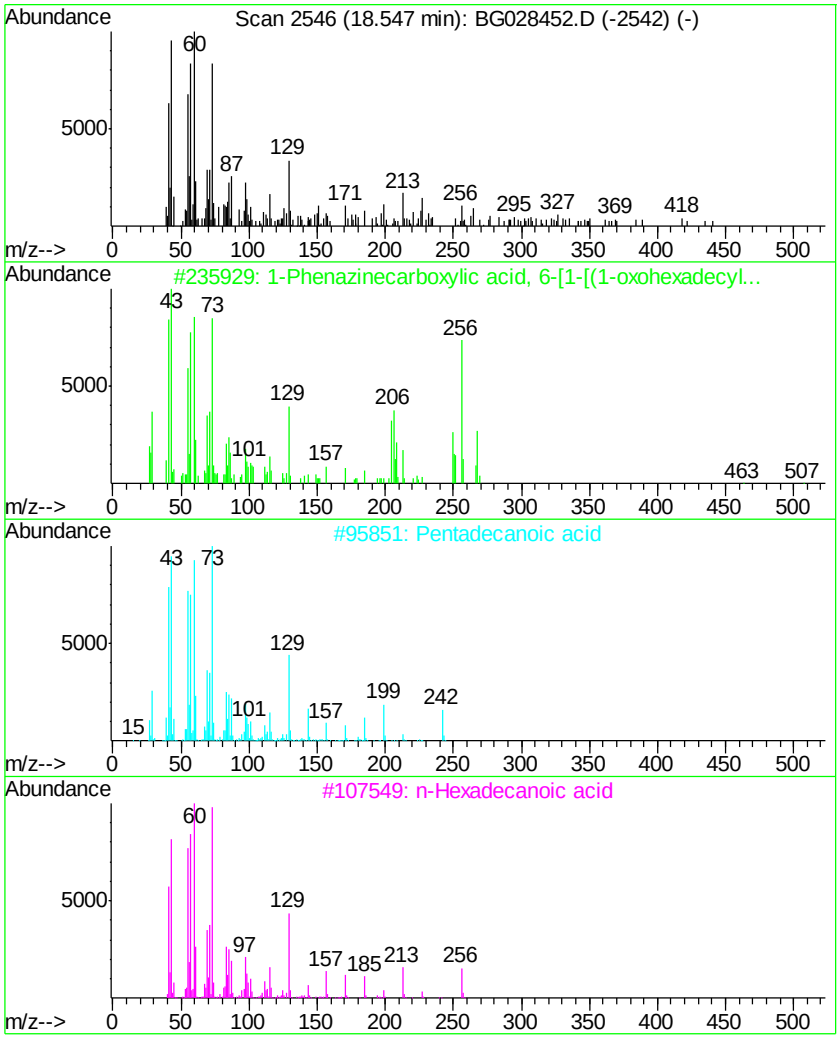
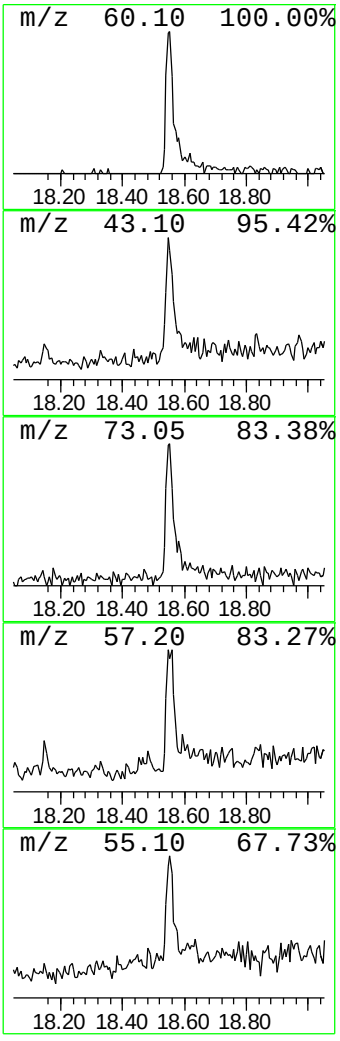
Peak Number 2 1-Phenazinecarboxylic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.95 ng/ul	184061	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	72
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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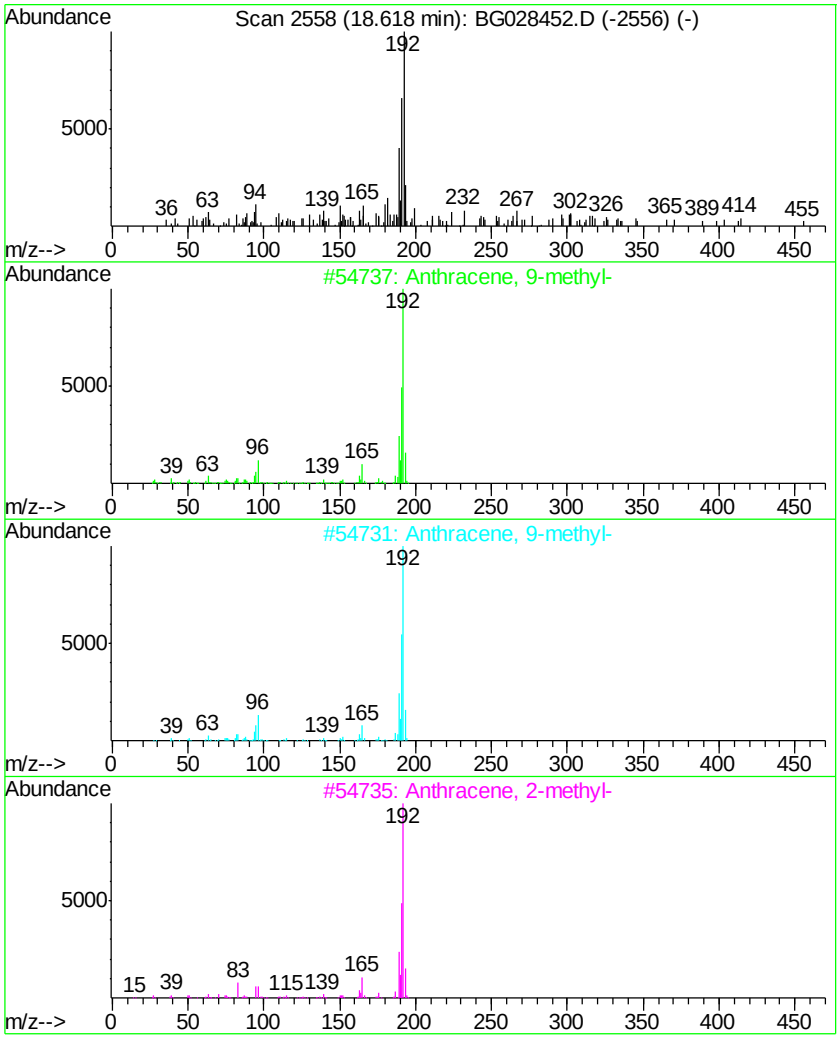
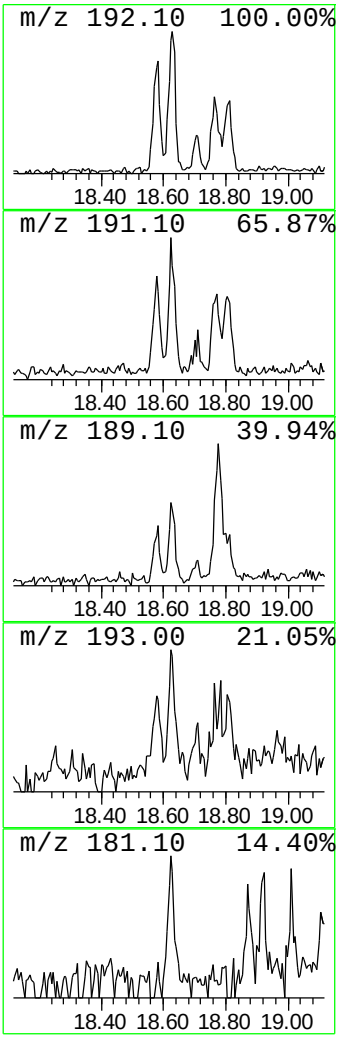
Peak Number 3 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.19 ng/ul	81509	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	62
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	62





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	15.33	4.3	ng/ul	141325	3	14.96	662504	20.0
1-Phenazinecarbox...	18.55	5.0	ng/ul	184061	4	17.71	744183	20.0
Anthracene, 9-met...	18.62	2.2	ng/ul	81509	4	17.71	744183	20.0