LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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	3.852	40	45	55	rVB3	10287	20277	1.45%	0.113%
2	6.002	405	411	422	rVB5	4223	10918	0.78%	0.061%
3	7.500	658	666	682	rVB	186083	371229	26.60%	2.072%
4	7.671	686	695	703	rBV	132190	226979	16.27%	1.267%
5	7.888	722	732	744	rBV	169364	314576	22.54%	1.756%
6	7.988	744	749	756	rVB5	7065	13123	0.94%	0.073%
7	8.352	801	811	824	rVB	185839	327903	23.50%	1.830%
8	8.993	910	920	923	rBV7	7594	15950	1.14%	0.089%
9	9.046	923	929	938	rVV	235244	422886	30.30%	2.360%
10	9.451	988	998	1002	rBV10	6308	13849	0.99%	0.077%
11	9.521	1002	1010	1022	rVB	183538	346828	24.85%	1.936%
12	9.833	1057	1063	1069	rVV6	7065	17000	1.22%	0.095%
13	9.892	1069	1073	1080	rVB6	19530	33512	2.40%	0.187%
14	10.244	1121	1133	1142	rBV2	159995	299782	21.48%	1.673%
15	10.321	1142	1146	1148	rBV3	8910	12673	0.91%	0.071%
16	10.356	1149	1152	1156	rVV4	14029	17928	1.28%	0.100%
17	10.591	1178	1192	1194	rBV7	15598	40739	2.92%	0.227%
18	10.626	1194	1198	1204	rVB3	21053	35080	2.51%	0.196%
19	10.785	1217	1225	1242	rVB	245582	468968	33.61%	2.617%
20	11.020	1260	1265	1271	rVB6	6170	12165	0.87%	0.068%
21	11.172	1283	1291	1298	rBV	267930	504004	36.12%	2.813%
22	11.302	1306	1313	1325	rBV2	182559	367916	26.36%	2.053%
23	11.413	1325	1332	1345	rVB5	13667	48666	3.49%	0.272%
24	11.531	1345	1352	1355	rBV8	13022	28982	2.08%	0.162%
25	11.572	1355	1359	1367	rVV3	39511	75970	5.44%	0.424%
26	11.695	1375	1380	1385	rBV3	7899	15075	1.08%	0.084%
27	11.748	1385	1389	1397	rVB6	5442	12737	0.91%	0.071%
28	11.972	1421	1427	1434	rBV2	41701	70541	5.05%	0.394%
29	12.218	1465	1469	1475	rVV5	11060	22613	1.62%	0.126%
30	12.406	1496	1501	1507	rVB3	7502	11879	0.85%	0.066%
31	12.536	1517	1523	1531	rBV5	15726	26749	1.92%	0.149%
32	12.612	1531	1536	1541	rBV5	7371	11599	0.83%	0.065%
33	12.806	1562	1569	1572	rBV	21053	41478	2.97%	0.231%
34	12.847	1574	1576	1585	rVB7	11072	17031	1.22%	0.095%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

35	12.923	1585	1589	1593	rBV2	7999	11906	0.85%	0.066%
36	13.023	1600	1606	1614	rVB2	20080	41066	2.94%	0.229%
37	13.111	1614	1621	1623	rBV3	11413	22240	1.59%	0.124%
38	13.147	1623	1627	1631	rVB3	14547	23281	1.67%	0.130%
39	13.188	1633	1634	1644	rVB7	6712	13989	1.00%	0.078%
40	13.370	1660	1665	1670	rVV5	8913	16027	1.15%	0.089%
41	13.435	1670	1676	1684	rVV8	6670	15211	1.09%	0.085%
42	13.670	1711	1716	1721	rVV5	8165	14447	1.04%	0.081%
43	13.758	1726	1731	1736	rVB6	8187	14264	1.02%	0.080%
44	13.928	1755	1760	1766	rVB7	9061	20620	1.48%	0.115%
45	13.993	1766	1771	1774	rBV4	5742	10817	0.78%	0.060%
46	14.122	1782	1793	1801	rBV10	14864	55256	3.96%	0.308%
47	14.281	1814	1820	1822	rBV6	9078	15804	1.13%	0.088%
48	14.345	1825	1831	1836	rBV	477113	754096	54.04%	4.208%
49	14.392	1836	1839	1845	rVV	161773	231370	16.58%	1.291%
50	14.445	1845	1848	1852	rVB5	8943	13597	0.97%	0.076%
51	14.521	1856	1861	1867	rBV7	6228	11781	0.84%	0.066%
52	14.657	1876	1884	1894	rVB	494535	808976	57.97%	4.515%
53	14.815	1908	1911	1915	rVB4	9671	13599	0.97%	0.076%
54	14.868	1915	1920	1926	rVB6	8378	19399	1.39%	0.108%
55	14.962	1926	1936	1943	rBV2	465380	790412	56.64%	4.411%
56	15.144	1958	1967	1979	rVV	150433	325250	23.31%	1.815%
57	15.238	1979	1983	1987	rBV7	6663	12647	0.91%	0.071%
58	15.420	2010	2014	2021	rVB8	9036	16463	1.18%	0.092%
59	15.497	2021	2027	2030	rBV6	5434	11643	0.83%	0.065%
60	15.720	2062	2065	2069	rVV5	8361	14674	1.05%	0.082%
61	15.761	2069	2072	2079	rVB2	15313	20828	1.49%	0.116%
62	15.949	2096	2104	2113	rBV	666955	1079786	77.38%	6.026%
63	16.061	2116	2123	2133	rBV	240156	378405	27.12%	2.112%
64	16.184	2140	2144	2156	rVB	15713	38160	2.73%	0.213%
65	16.308	2162	2165	2173	rVB8	7891	18195	1.30%	0.102%
66	16.384	2173	2178	2182	rBV6	10598	20023	1.43%	0.112%
67	16.619	2214	2218	2226	rBV3	20145	32070	2.30%	0.179%
68	16.872	2258	2261	2268	rVV8	9512	14693	1.05%	0.082%
69	16.995	2274	2282	2286	rBV9	12563	26304	1.88%	0.147%
70	17.165	2307	2311	2316	rBV7	5630	12810	0.92%	0.071%
71	17.418	2350	2354	2360	rBV4	18160	26439	1.89%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

72	17.706	2395	2403	2413	rBV2	613698	962500	68.97%	5.371%
73	17.806	2414	2420	2430	rVB	775503	1196150	85.72%	6.675%
74	18.023	2454	2457	2465	rBV9	6570	13695	0.98%	0.076%
75	18.153	2475	2479	2486	rBV5	9763	14908	1.07%	0.083%
76	18.452	2526	2530	2539	rVB8	6722	12513	0.90%	0.070%
77	18.558	2542	2548	2561	rBV2	120928	241537	17.31%	1.348%
78	19.680	2734	2739	2740	rBV4	31234	44034	3.16%	0.246%
79	19.815	2756	2762	2775	rBV2	183296	310519	22.25%	1.733%
80	19.968	2784	2788	2793	rVB6	20019	31765	2.28%	0.177%
81	20.080	2801	2807	2818	rVB	972710	1395485	100.00%	7.788%
82	20.544	2881	2886	2893	rBV9	19078	46676	3.34%	0.260%
83	20.943	2949	2954	2960	rBV9	24743	47038	3.37%	0.263%
84	21.002	2962	2964	2969	rVB5	15627	17339	1.24%	0.097%
85	21.073	2971	2976	2979	rBV	22451	30795	2.21%	0.172%
86	21.108	2979	2982	2987	rVB7	10610	14322	1.03%	0.080%
87	21.384	3023	3029	3037	rVB7	15689	48499	3.48%	0.271%
88	21.607	3063	3067	3076	rBV7	26204	58119	4.16%	0.324%
89	22.036	3132	3140	3150	rBV	601049	1081026	77.47%	6.033%
90	22.841	3274	3277	3282	rBV7	11658	16392	1.17%	0.091%
91	23.587	3399	3404	3411	rVB8	25525	48516	3.48%	0.271%
92	24.463	3547	3553	3561	rVB3	29748	59485	4.26%	0.332%
93	24.686	3586	3591	3592	rBV4	8144	12566	0.90%	0.070%
94	25.297	3683	3695	3709	rVB2	424773	1338688	95.93%	7.471%
95	25.538	3719	3736	3749	rBV2	317650	1142929	81.90%	6.378%
96	26.719	3929	3937	3946	rVB6	38426	118705	8.51%	0.662%
97	28.188	4179	4187	4201	rVB5	39939	157114	11.26%	0.877%
98	29.187	4352	4357	4359	rBV6	6227	11062	0.79%	0.062%
99	29.968	4483	4490	4505	rVB7	23567	94017	6.74%	0.525%
100	32.119	4847	4856	4875	rVB8	22243	108513	7.78%	0.606%

Sum of corrected areas: 17919060

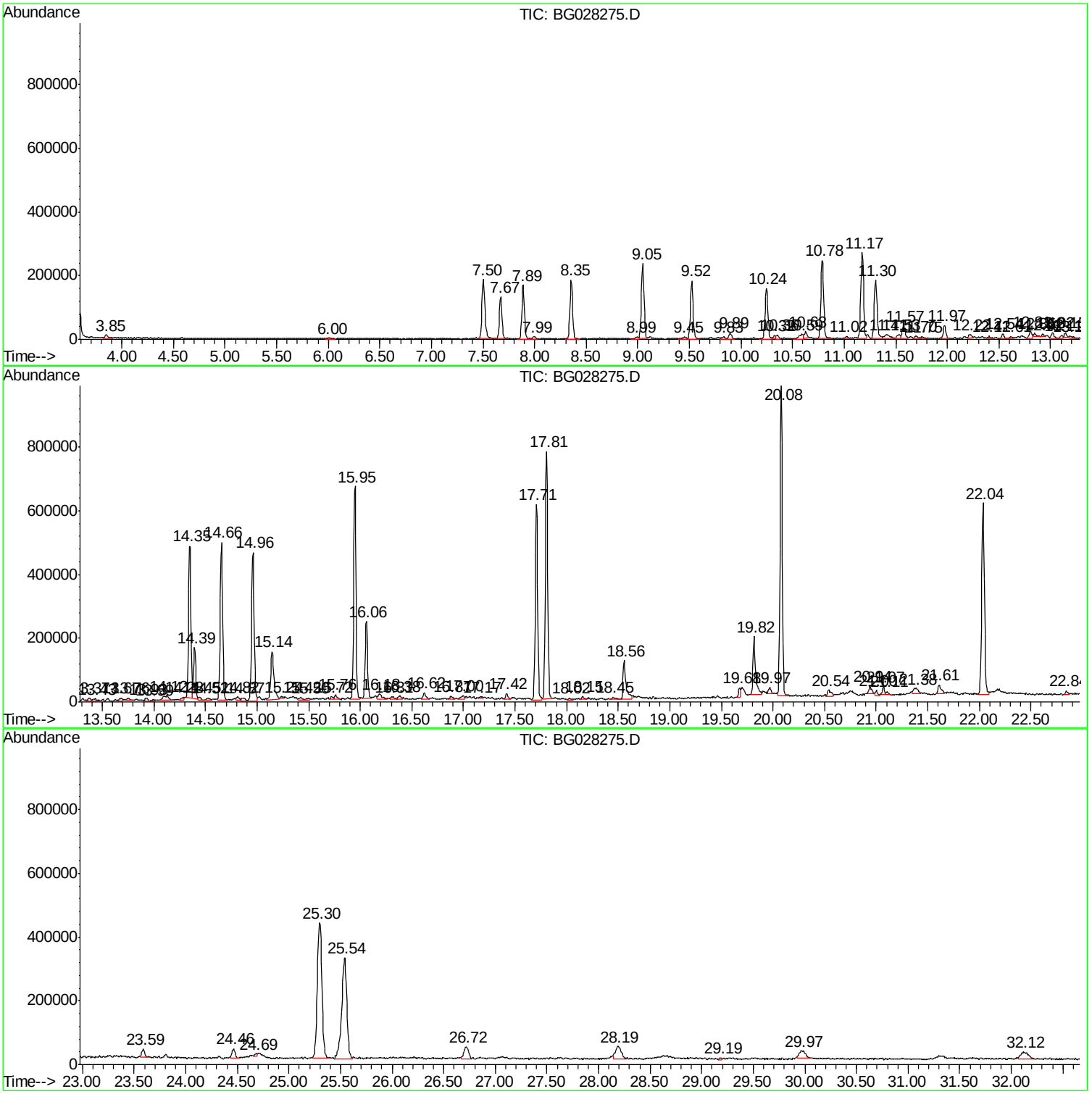
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

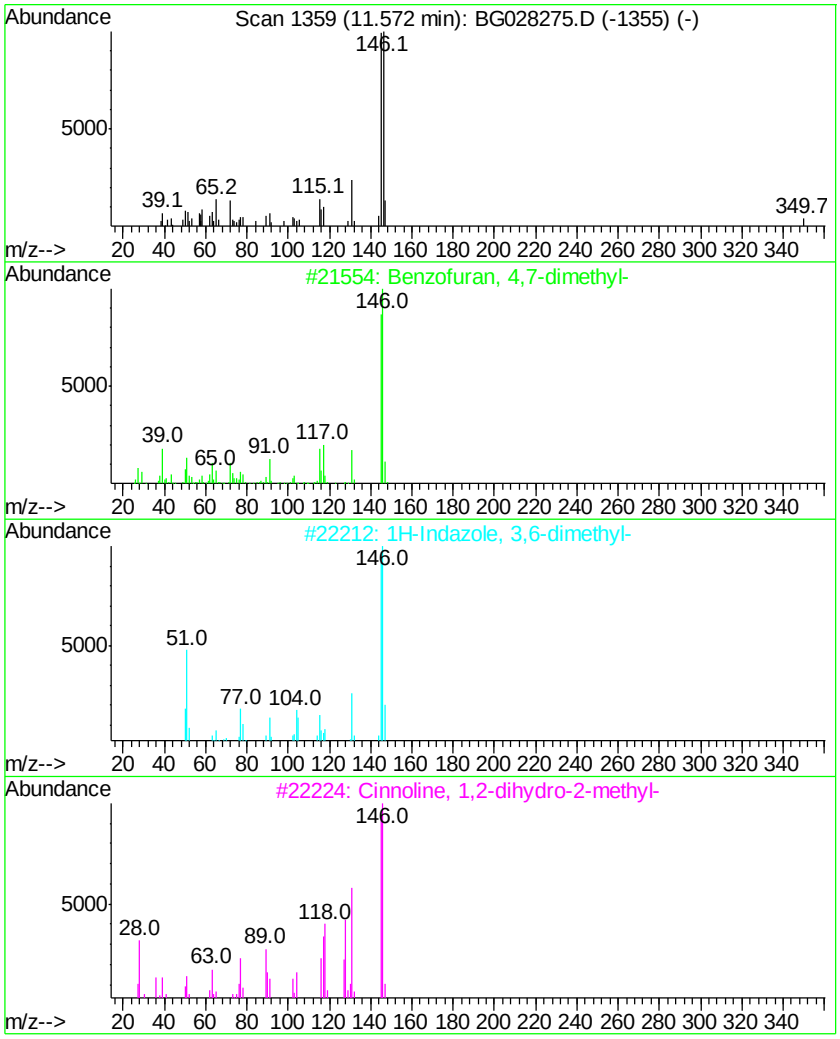
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

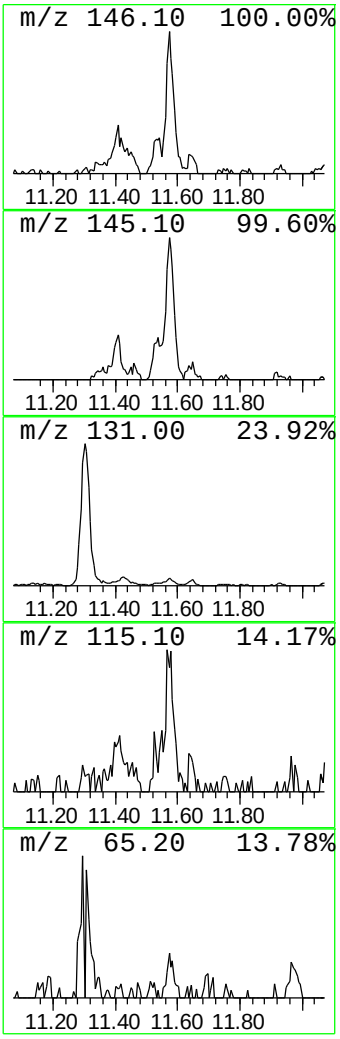
****

Peak Number 1 Benzofuran, 4,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.01 ng/ul	75970	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	87
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	83
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	80
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

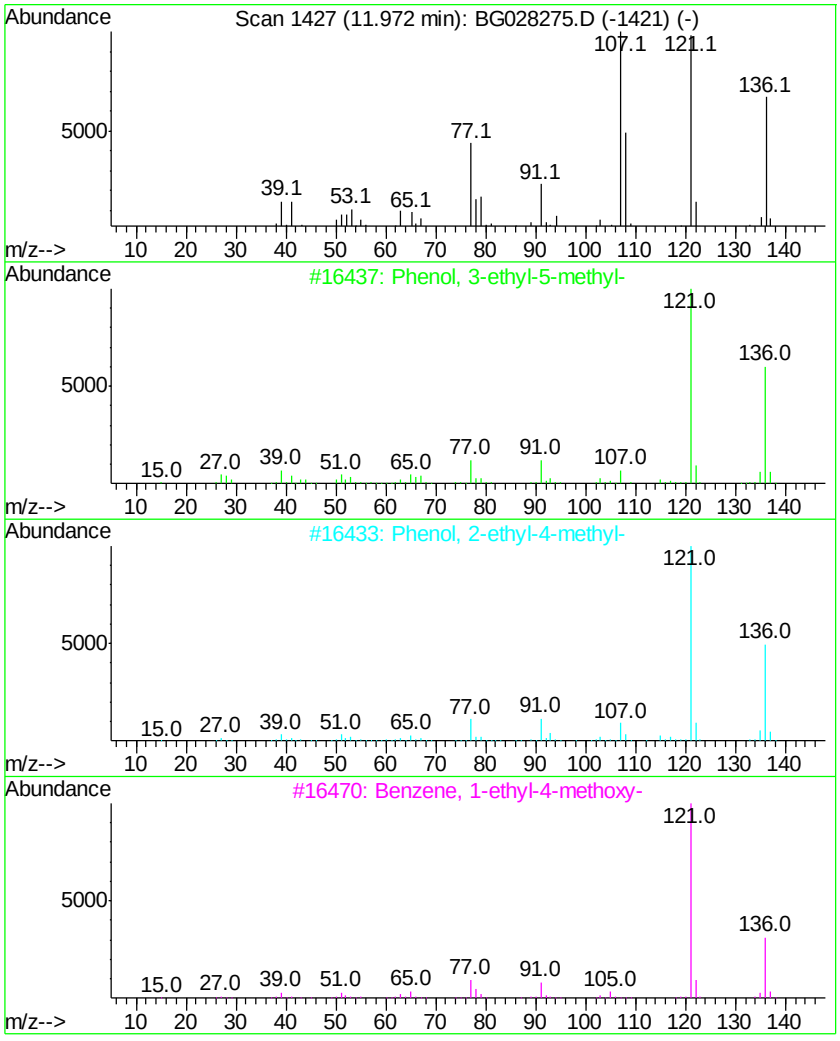
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

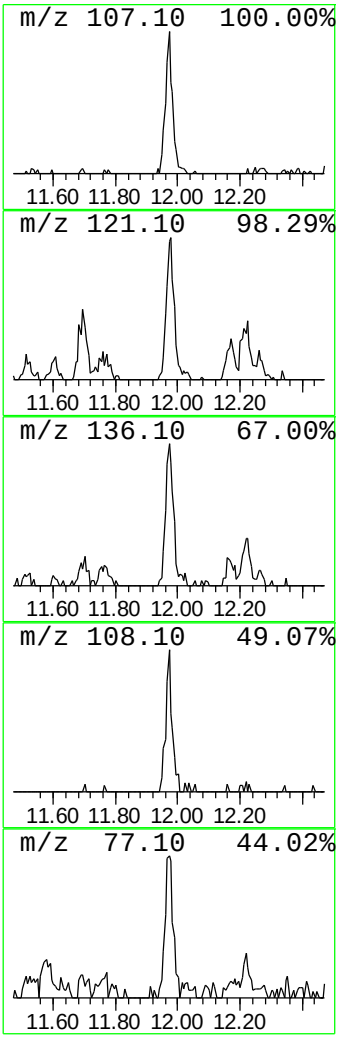
****

Peak Number 2 Phenol, 3-ethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.80 ng/ul	70541	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	53
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	52
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	49
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	46
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

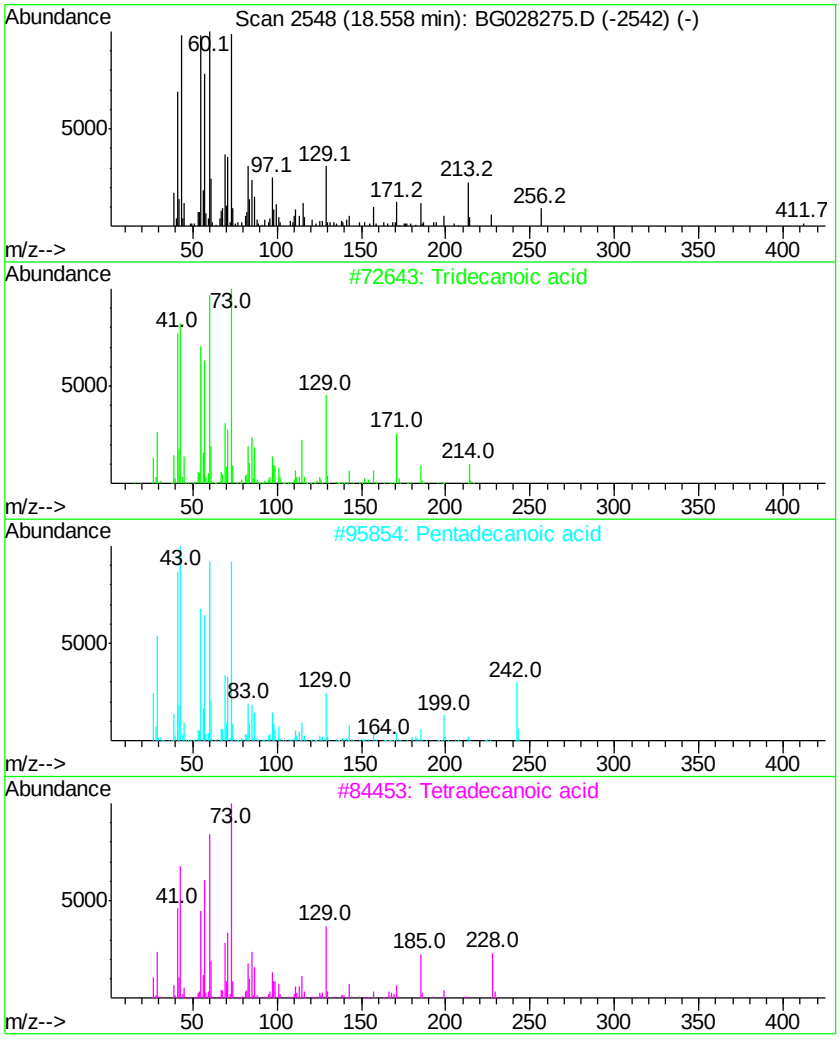
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

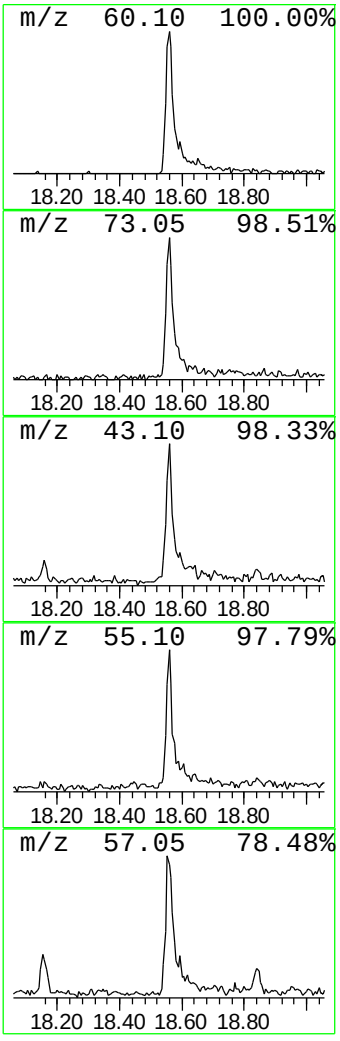
****

Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	5.02 ng/ul	241537	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

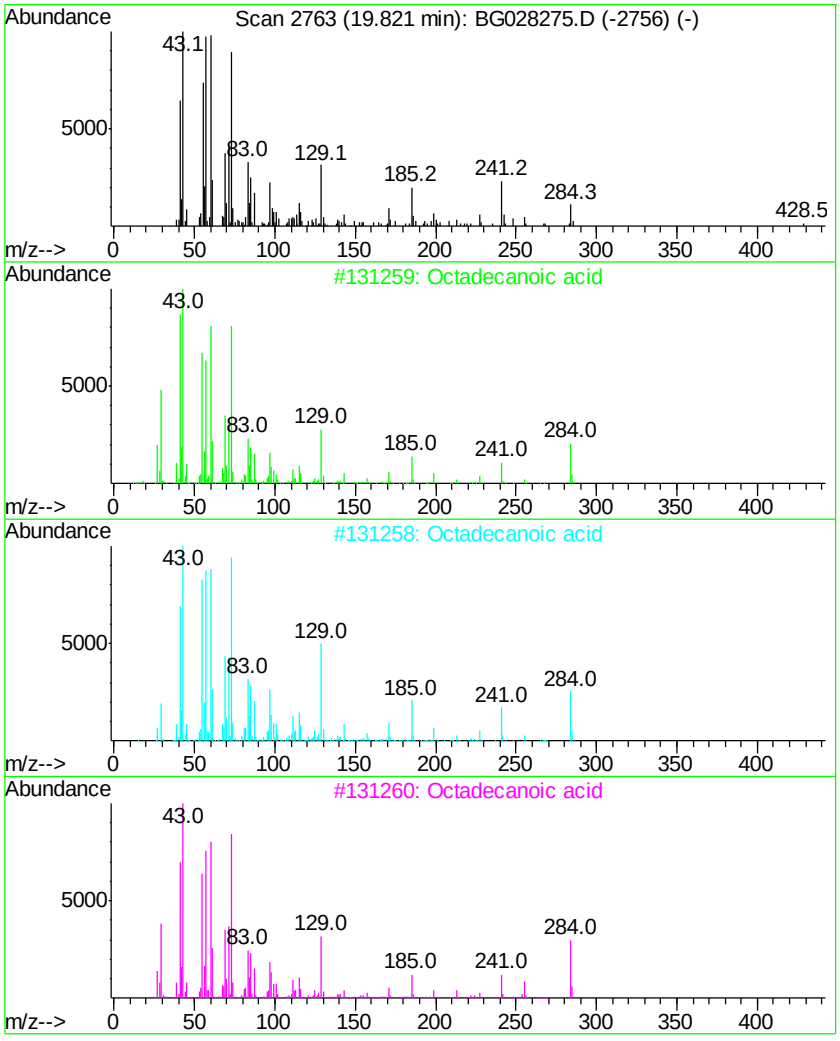
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

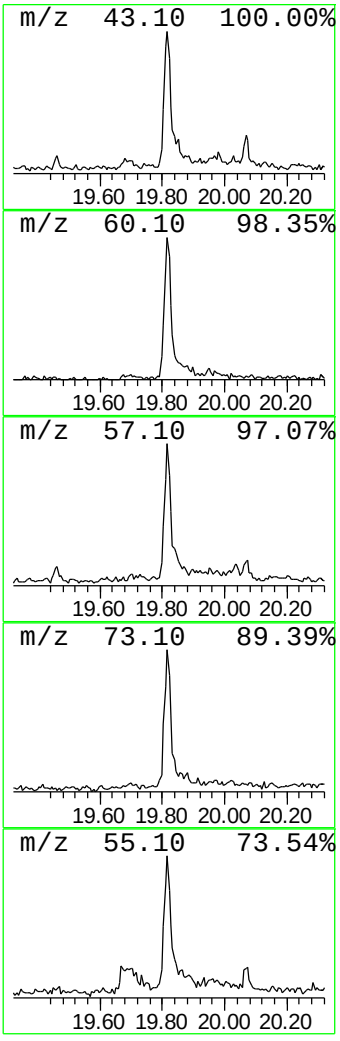
****

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.45 ng/ul	310519	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

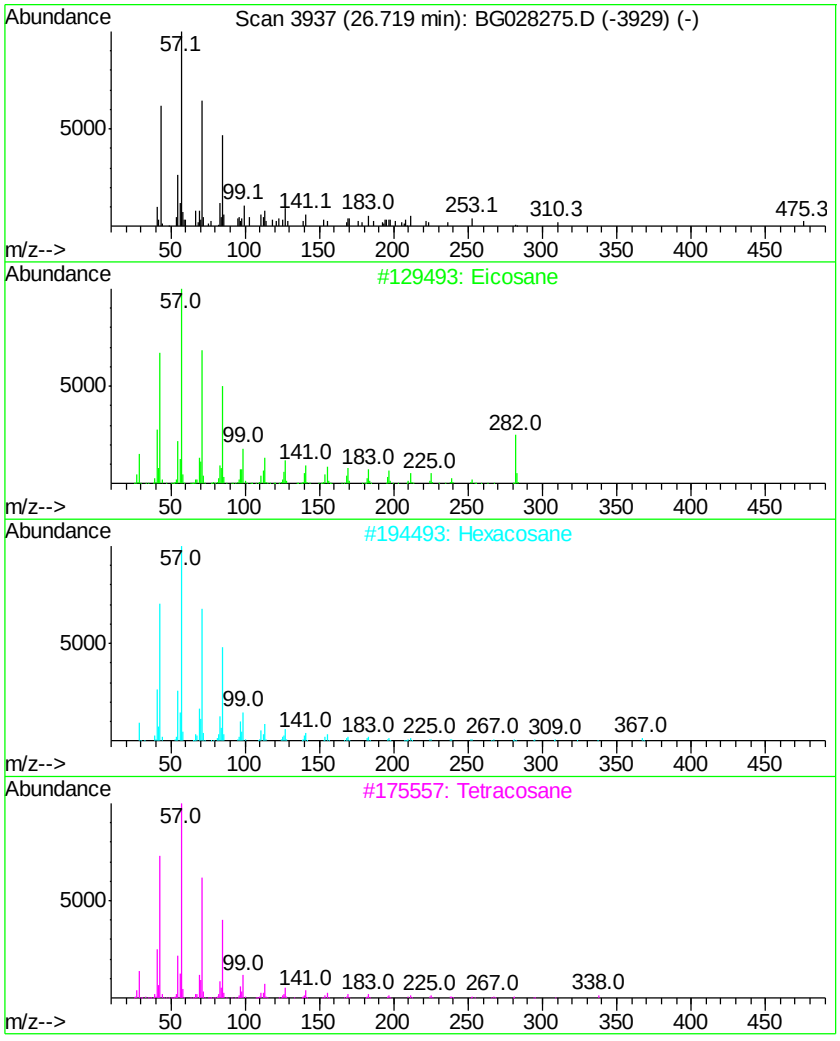
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

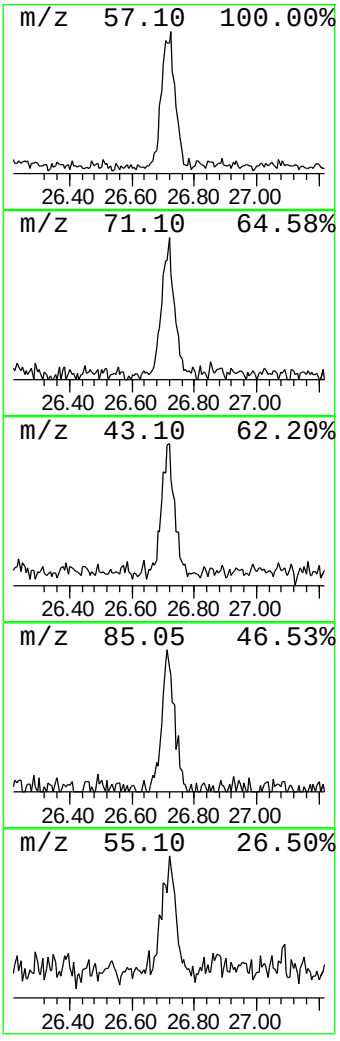
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.08 ng/ul	118705	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

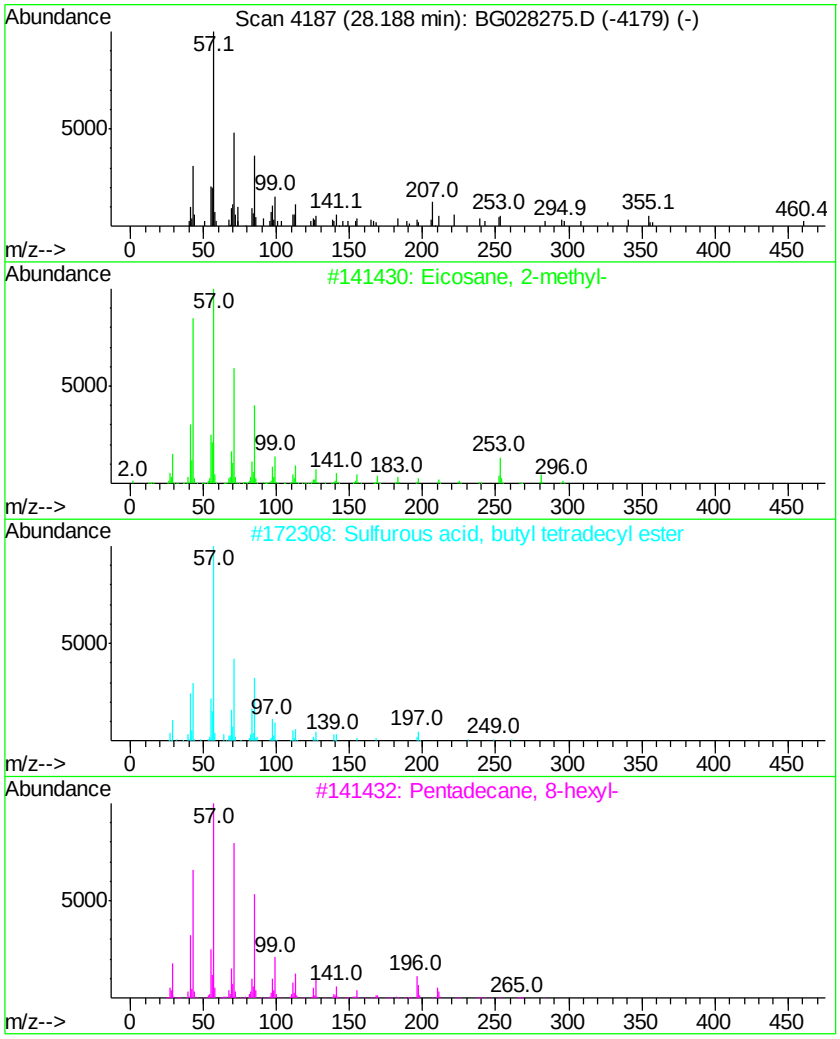
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

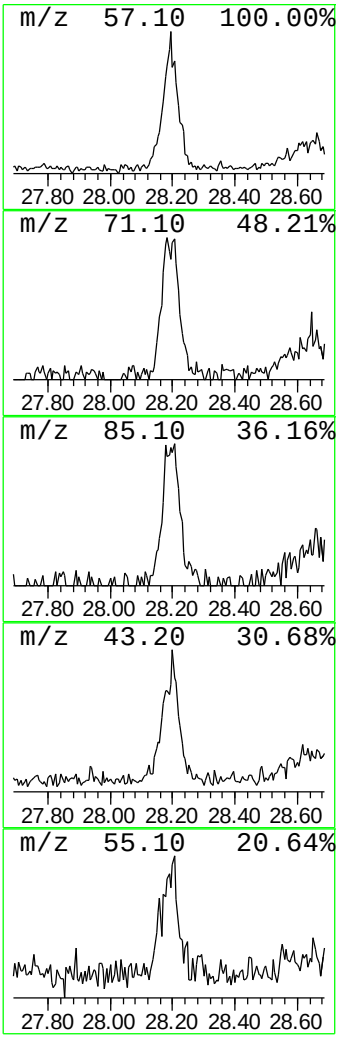
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.75 ng/ul	157114	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	81
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	68
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
4	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028275.D
Acq On : 11 Aug 2017 1:57
Operator : SJ/JU
Sample : I4504-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzofuran, 4,7-d...	11.57	3.0	ng/ul	75970	2	11.17	504004	20.0
Phenol, 3-ethyl-5...	11.97	2.8	ng/ul	70541	2	11.17	504004	20.0
Tridecanoic acid	18.56	5.0	ng/ul	241537	4	17.71	962500	20.0
Octadecanoic acid	19.82	6.5	ng/ul	310519	4	17.71	962500	20.0
(DEL) Alkane: Str...	26.72	2.1	ng/ul	118705	6	25.54	1142930	20.0
(DEL) Alkane: Str...	28.19	2.8	ng/ul	157114	6	25.54	1142930	20.0