LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028358.D
Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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	3.841	39	43	50	rVB3	8391	10919	0.79%	0.067%
2	4.340	122	128	135	rVB7	6525	13270	0.97%	0.081%
3	4.575	160	168	177	rBV	54221	92228	6.71%	0.562%
4	5.874	383	389	394	rBV3	11478	20505	1.49%	0.125%
5	6.003	405	411	426	rVB2	46725	120095	8.74%	0.732%
6	6.367	457	473	481	rBV	54033	99666	7.25%	0.607%
7	6.614	510	515	523	rBV6	4657	10540	0.77%	0.064%
8	7.002	574	581	585	rVB7	5029	10442	0.76%	0.064%
9	7.325	625	636	642	rBV2	51251	87776	6.39%	0.535%
10	7.437	649	655	660	rBV2	21126	36787	2.68%	0.224%
11	7.513	660	668	674	rBV	149657	302828	22.04%	1.846%
12	7.566	674	677	685	rVB3	26256	43776	3.19%	0.267%
13	7.672	685	695	701	rBV	102658	178852	13.02%	1.090%
14	7.736	702	706	712	rVB2	14681	23731	1.73%	0.145%
15	7.889	720	732	745	rVV	137105	287754	20.94%	1.754%
16	7.995	745	750	759	rVB	21672	40712	2.96%	0.248%
17	8.306	798	803	807	rBV	32465	53922	3.92%	0.329%
18	8.359	807	812	821	rVB	137215	246872	17.97%	1.505%
19	8.465	824	830	835	rBV3	24726	44799	3.26%	0.273%
20	8.571	841	848	854	rBV2	30462	53122	3.87%	0.324%
21	8.741	871	877	883	rVB5	7462	13885	1.01%	0.085%
22	8.823	883	891	895	rBV6	9195	22676	1.65%	0.138%
23	8.882	895	901	913	rVB2	38182	95830	6.97%	0.584%
24	9.000	913	921	925	rBV2	31029	74169	5.40%	0.452%
25	9.053	925	930	944	rVV	150110	303580	22.10%	1.850%
26	9.211	951	957	968	rVB7	16831	44896	3.27%	0.274%
27	9.299	968	972	977	rVB5	8259	10570	0.77%	0.064%
28	9.358	977	982	987	rBV4	8848	18681	1.36%	0.114%
29	9.452	993	998	1003	rBV3	20586	34433	2.51%	0.210%
30	9.528	1003	1011	1024	rBV2	147952	305379	22.23%	1.861%
31	9.793	1049	1056	1063	rVB7	6359	15723	1.14%	0.096%
32	9.981	1081	1088	1093	rBV4	11177	21777	1.59%	0.133%
33	10.040	1093	1098	1106	rVV2	17452	32235	2.35%	0.196%
34	10.251	1124	1134	1144	rBV	145008	275537	20.05%	1.679%

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Misc :
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Instrument : BNA_G
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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

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

35	10.345	1146	1150	1158	rBV7	5718	10925	0.80%	0.067%
36	10.416	1158	1162	1167	rVB7	8493	13496	0.98%	0.082%
37	10.539	1174	1183	1191	rBV7	23715	65586	4.77%	0.400%
38	10.615	1191	1196	1200	rVB2	12243	22308	1.62%	0.136%
39	10.727	1208	1215	1219	rBV6	5742	12645	0.92%	0.077%
40	10.798	1219	1227	1236	rBV	188439	375832	27.35%	2.291%
41	11.179	1284	1292	1298	rBV	223194	426675	31.06%	2.601%
42	11.309	1307	1314	1324	rBV	150260	296948	21.61%	1.810%
43	11.961	1415	1425	1432	rBV7	5702	18275	1.33%	0.111%
44	12.255	1469	1475	1480	rVB6	6674	13570	0.99%	0.083%
45	12.325	1480	1487	1491	rBV7	7435	15359	1.12%	0.094%
46	12.537	1519	1523	1530	rVB7	11571	23644	1.72%	0.144%
47	12.731	1552	1556	1561	rBV6	5446	10952	0.80%	0.067%
48	12.807	1564	1569	1577	rVB2	21972	41118	2.99%	0.251%
49	12.954	1587	1594	1599	rBV5	13360	17984	1.31%	0.110%
50	13.018	1599	1605	1612	rVB5	25259	52798	3.84%	0.322%
51	13.165	1627	1630	1637	rVB6	7422	16975	1.24%	0.103%
52	13.236	1637	1642	1645	rBV7	5636	11162	0.81%	0.068%
53	13.312	1650	1655	1659	rBV5	8644	14304	1.04%	0.087%
54	13.389	1665	1668	1677	rVB7	10030	20093	1.46%	0.122%
55	13.753	1724	1730	1736	rBV7	5737	14461	1.05%	0.088%
56	14.135	1784	1795	1802	rBV9	7855	20841	1.52%	0.127%
57	14.282	1815	1820	1825	rBV5	10018	16307	1.19%	0.099%
58	14.352	1825	1832	1837	rVV	419130	639401	46.54%	3.897%
59	14.399	1837	1840	1847	rVB	139753	194257	14.14%	1.184%
60	14.523	1857	1861	1870	rVB6	7636	14233	1.04%	0.087%
61	14.664	1876	1885	1894	rBV	430373	724004	52.70%	4.413%
62	14.822	1907	1912	1918	rVB7	8112	16580	1.21%	0.101%
63	14.963	1927	1936	1944	rBV2	391323	661338	48.14%	4.031%
64	15.169	1962	1971	1991	rBV	119804	301750	21.96%	1.839%
65	15.298	1991	1993	1997	rVV5	7196	13115	0.95%	0.080%
66	15.363	1997	2004	2010	rVB7	23514	50457	3.67%	0.308%
67	15.563	2034	2038	2044	rBV6	5834	11870	0.86%	0.072%
68	15.662	2051	2055	2060	rVV6	8988	16882	1.23%	0.103%
69	15.721	2060	2065	2067	rVV3	9122	14825	1.08%	0.090%
70	15.762	2067	2072	2078	rVB3	19189	36757	2.68%	0.224%
71	15.950	2094	2104	2116	rBV	602380	973709	70.87%	5.935%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AG3

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
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Peak separation: 1

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

72	16.068	2119	2124	2135	rVB	211560	340580	24.79%	2.076%
73	16.174	2135	2142	2144	rBV8	9326	18708	1.36%	0.114%
74	16.309	2155	2165	2168	rBV9	5576	13788	1.00%	0.084%
75	16.438	2184	2187	2192	rBV7	7712	14646	1.07%	0.089%
76	16.626	2214	2219	2221	rBV	25981	37136	2.70%	0.226%
77	16.820	2244	2252	2254	rBV6	8970	14657	1.07%	0.089%
78	17.078	2291	2296	2303	rVV6	4046	11386	0.83%	0.069%
79	17.231	2318	2322	2331	rVB10	10893	21494	1.56%	0.131%
80	17.419	2349	2354	2359	rVV	23450	32102	2.34%	0.196%
81	17.713	2396	2404	2410	rBV2	517446	852157	62.02%	5.194%
82	17.813	2415	2421	2433	rVB	657701	1024167	74.54%	6.242%
83	18.160	2475	2480	2486	rVB2	14754	24165	1.76%	0.147%
84	18.559	2542	2548	2557	rBV3	162567	284317	20.69%	1.733%
85	18.630	2558	2560	2569	rVB7	25565	42252	3.08%	0.258%
86	18.771	2581	2584	2589	rBV7	13945	23510	1.71%	0.143%
87	18.935	2607	2612	2616	rBV7	15529	27097	1.97%	0.165%
88	19.070	2633	2635	2640	rVB5	13723	14356	1.04%	0.087%
89	19.129	2640	2645	2652	rVB5	12084	30061	2.19%	0.183%
90	19.470	2699	2703	2711	rBV7	15946	39154	2.85%	0.239%
91	19.640	2726	2732	2735	rBV8	12065	25087	1.83%	0.153%
92	19.752	2746	2751	2756	rVB	86950	132429	9.64%	0.807%
93	19.816	2757	2762	2772	rBV	160122	269760	19.63%	1.644%
94	20.087	2802	2808	2818	rVB2	836933	1373918	100.00%	8.374%
95	22.049	3133	3142	3148	rBV	515368	1079305	78.56%	6.578%
96	24.458	3543	3552	3567	rVB5	68732	293087	21.33%	1.786%
97	25.316	3689	3698	3708	rBV3	335592	1017756	74.08%	6.203%
98	25.563	3725	3740	3754	rVB2	261675	882735	64.25%	5.380%
99	26.732	3932	3939	3950	rVB5	58120	181664	13.22%	1.107%
100	28.201	4185	4189	4190	rBV3	28753	36313	2.64%	0.221%

Sum of corrected areas: 16407190

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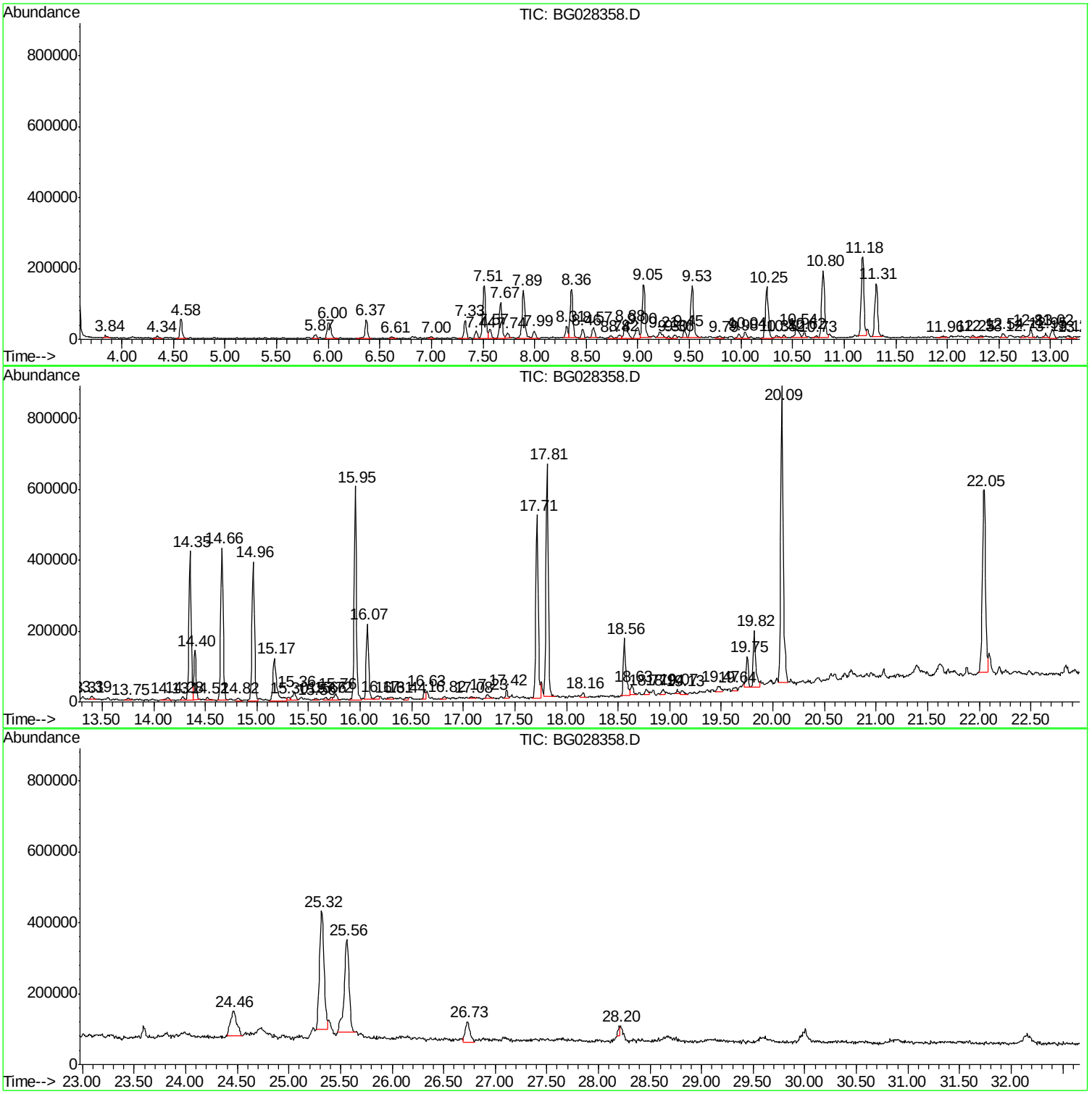
Instrument :
BNA_G
ClientSampleId :
C0AG3

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

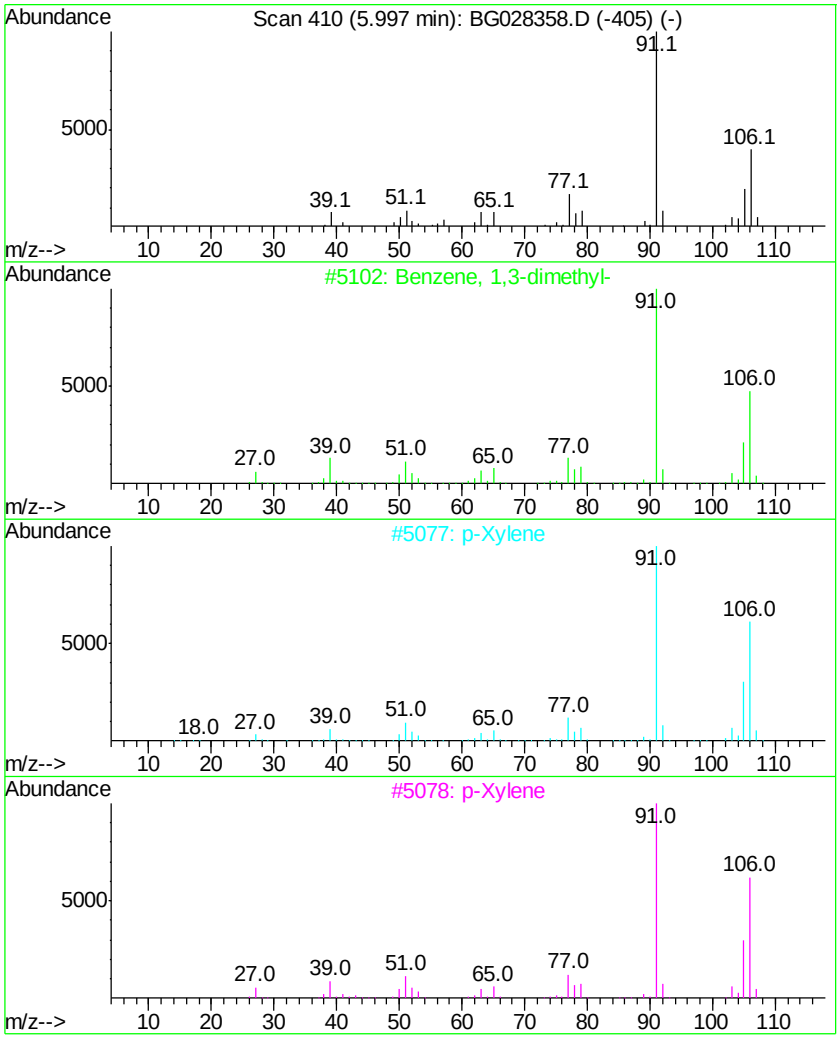
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

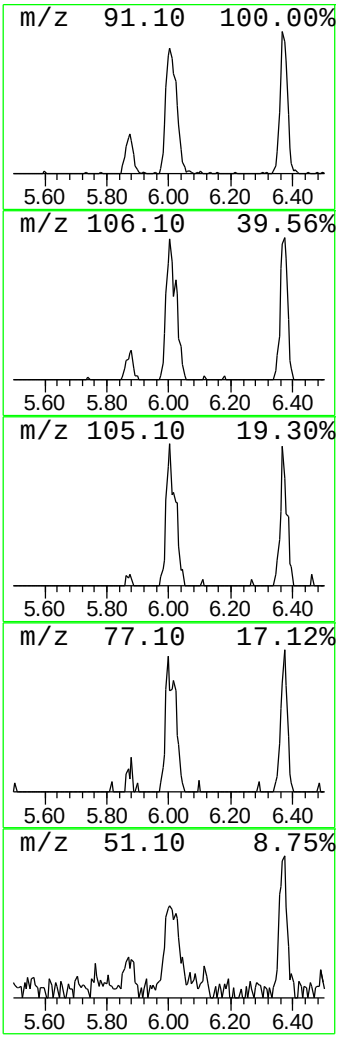
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	9.73 ng/ul	120095	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	93
3	p-Xylene	106	C8H10	000106-42-3	93
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
5	o-Xylene	106	C8H10	000095-47-6	90





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Data File : BG028358.D
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Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

TIC Library : C:\DATABASE\NIST11.L
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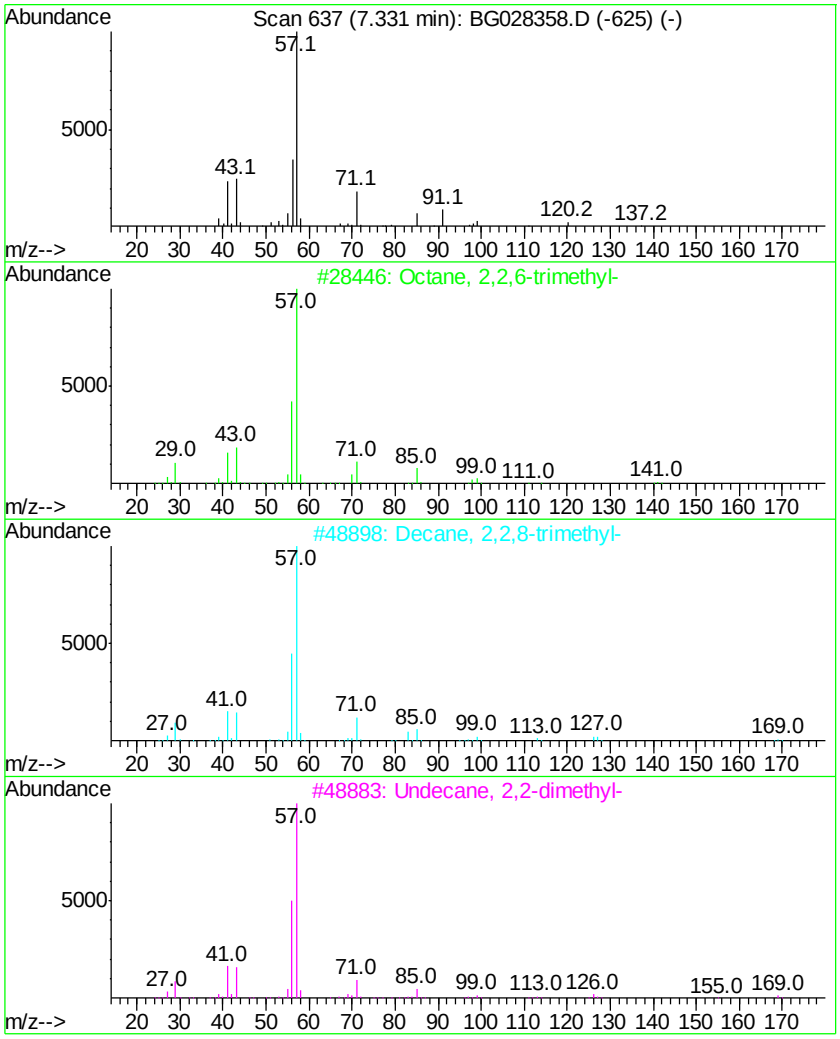
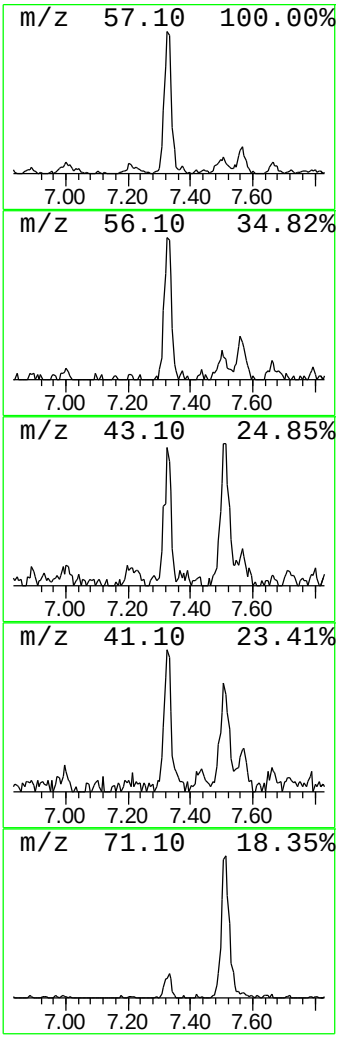
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	7.11 ng/ul	87776	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
3	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	59
4	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	59
5	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	59





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Instrument : BNA_G
ClientSampleId : C0AG3

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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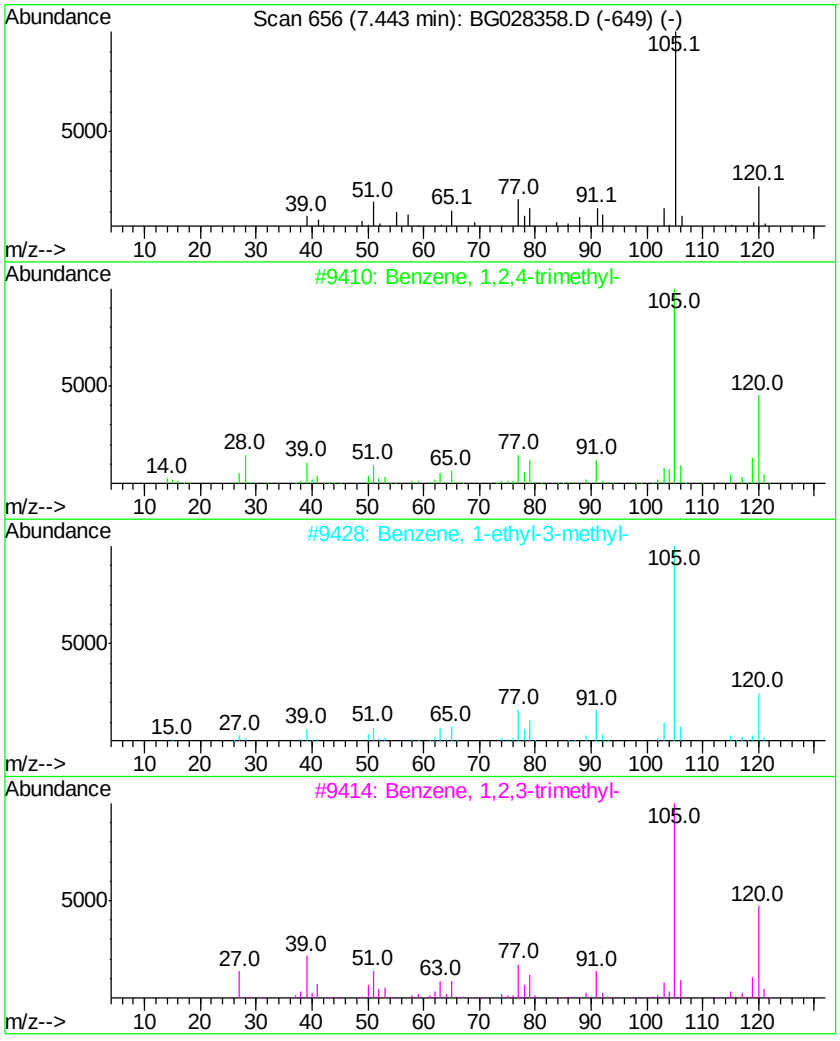
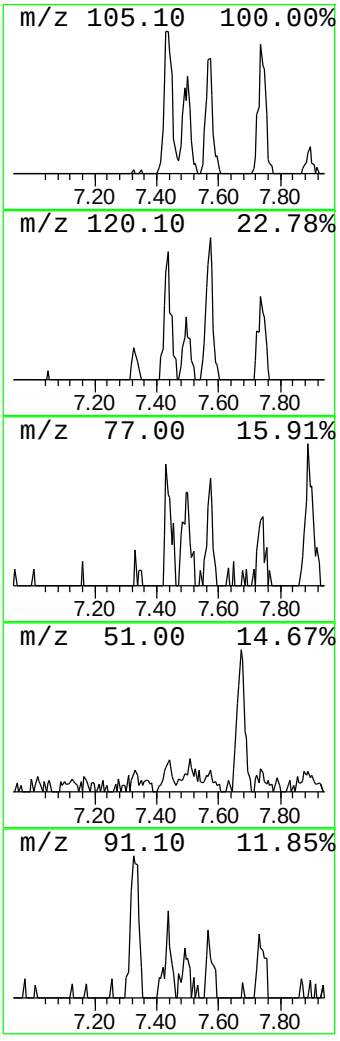
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.98 ng/ul	36787	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	59
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	59





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

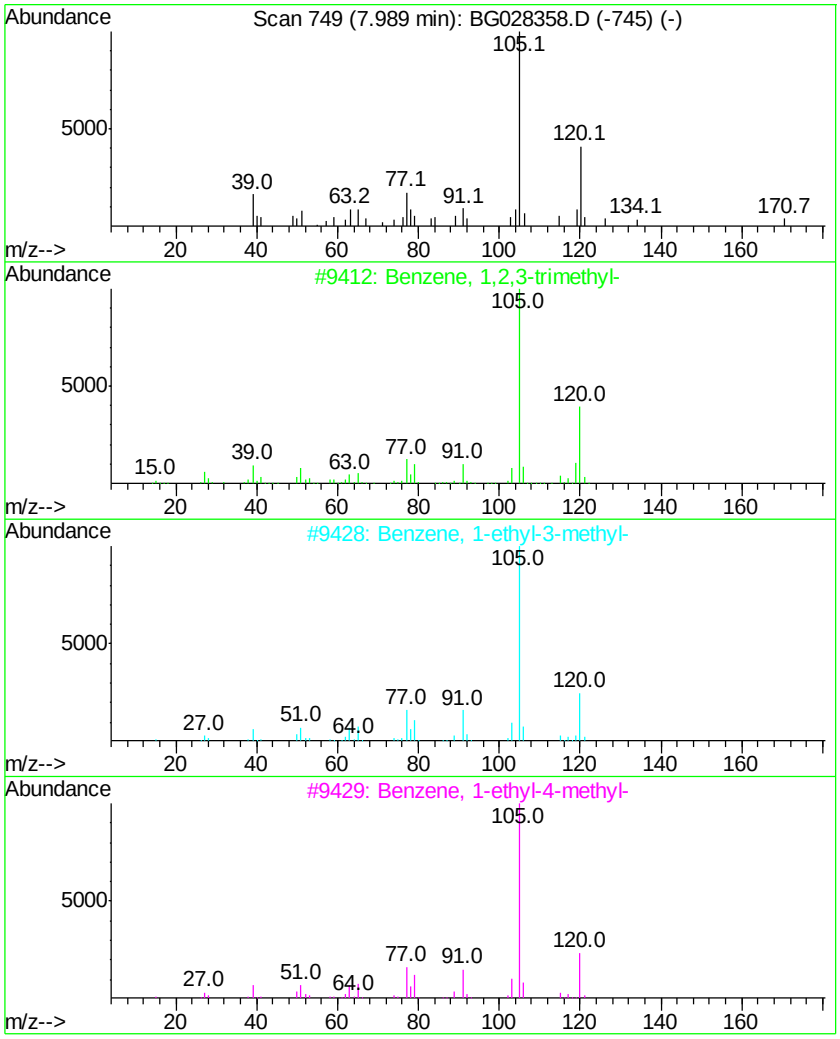
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

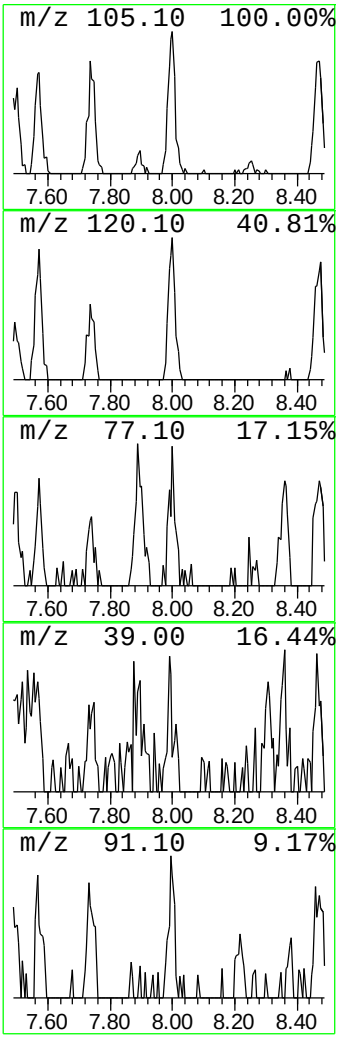
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	3.30 ng/ul	40712	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Mesitylene	120	C9H12	000108-67-8	80





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Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

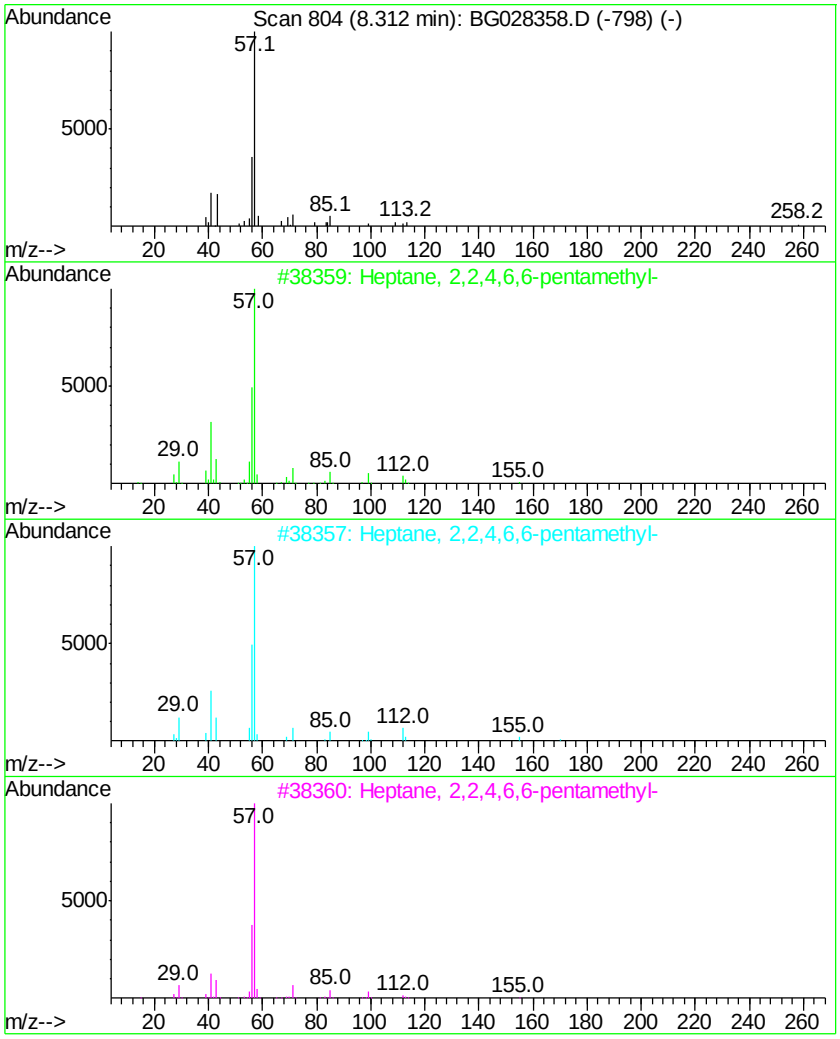
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

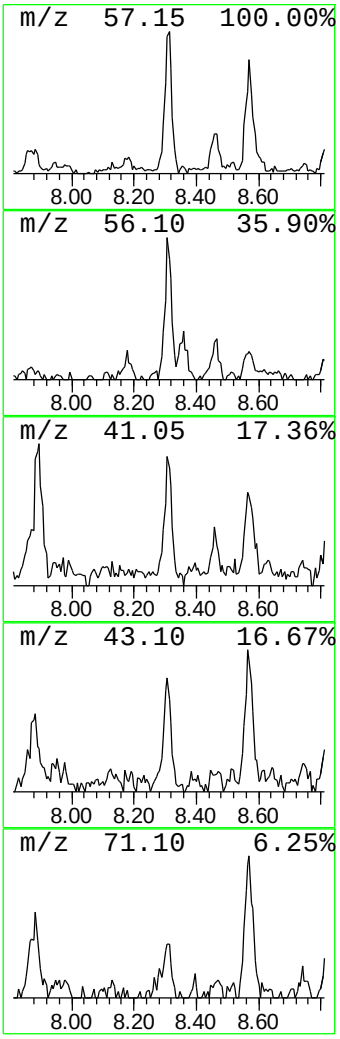
****

Peak Number 8 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	4.37 ng/ul	53922	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	56





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Data File : BG028358.D
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Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

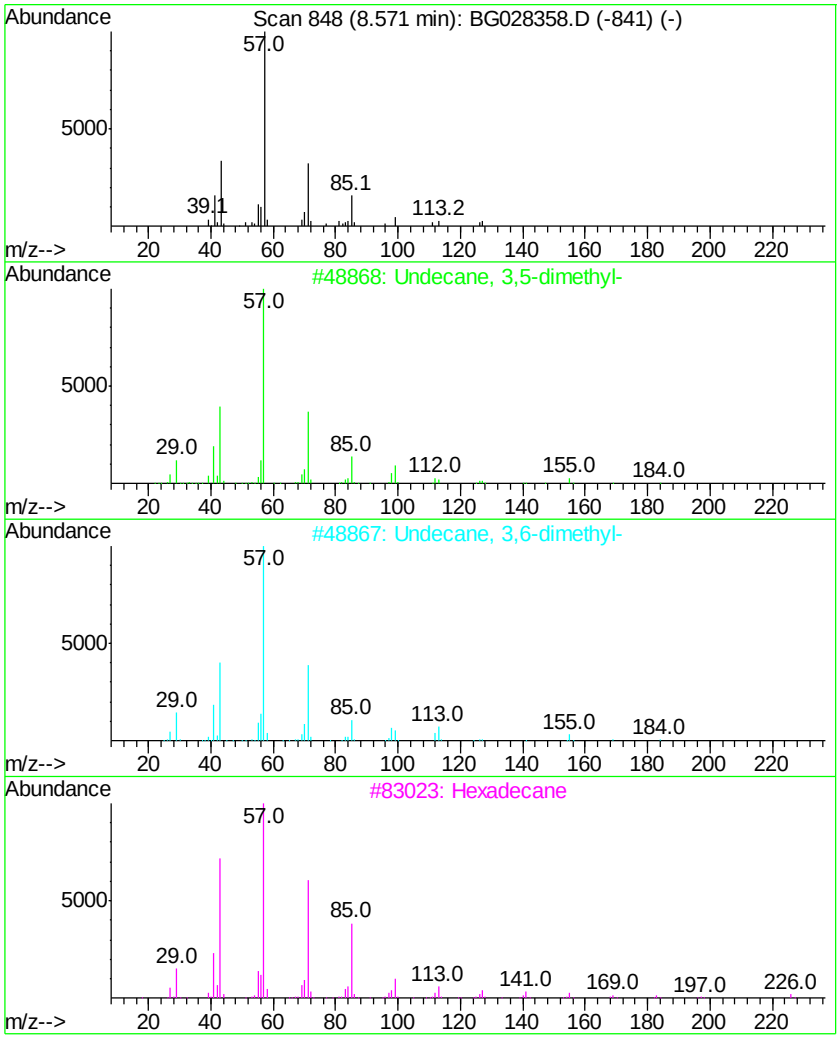
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

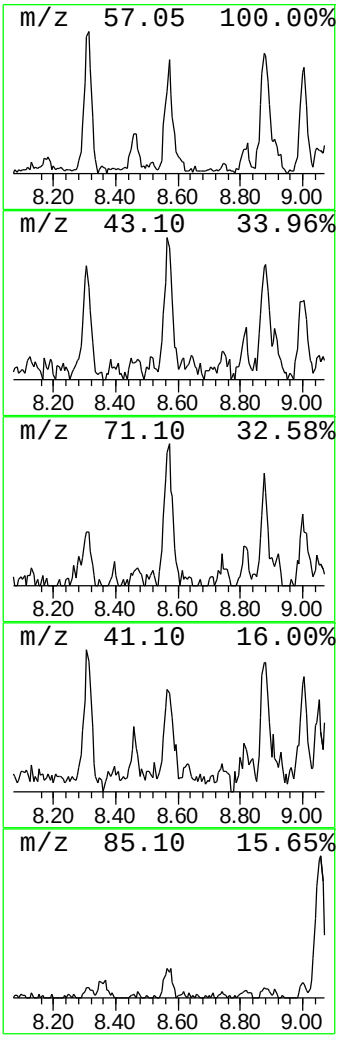
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.30 ng/ul	53122	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5	Tridecane	184	C13H28	000629-50-5	59





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Data File : BG028358.D
Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

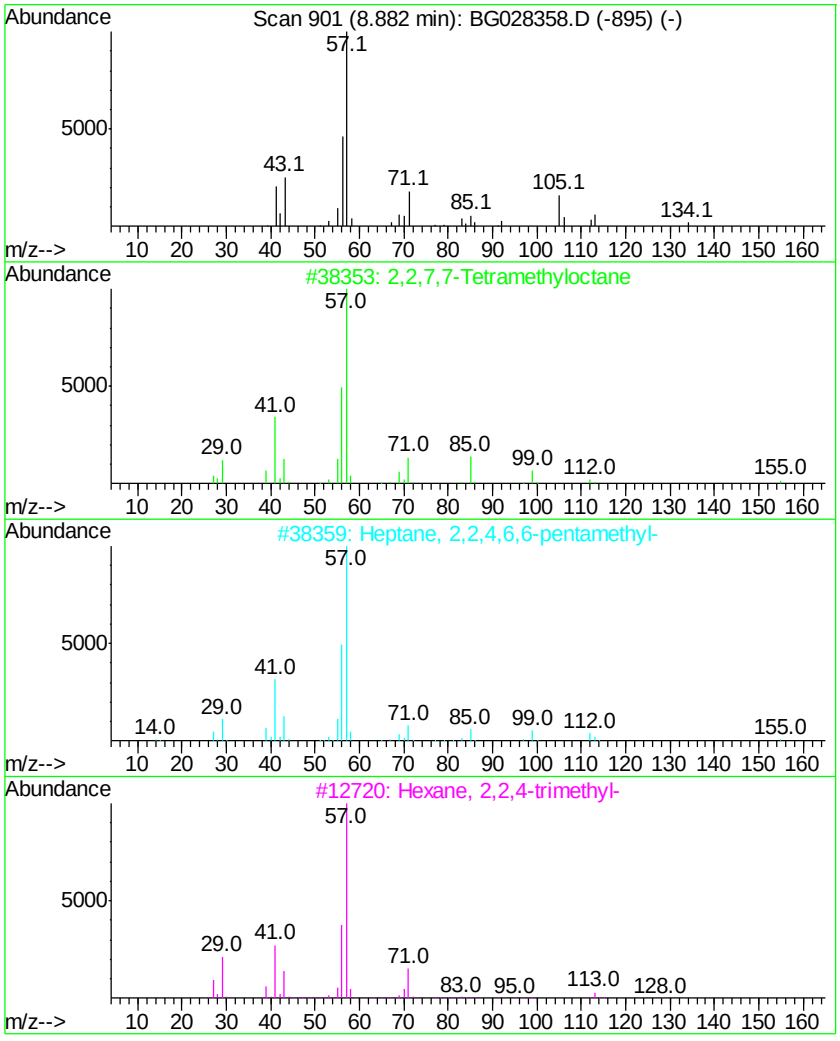
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

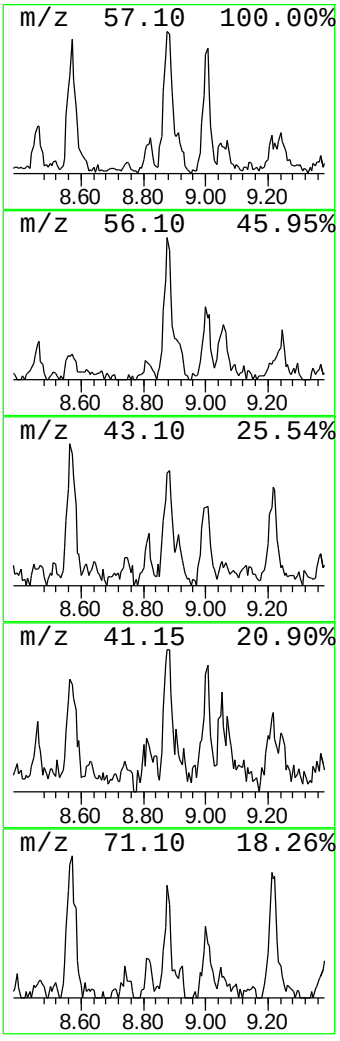
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	7.76 ng/ul	95830	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53





Library Search Compound Report

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Data File : BG028358.D
Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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

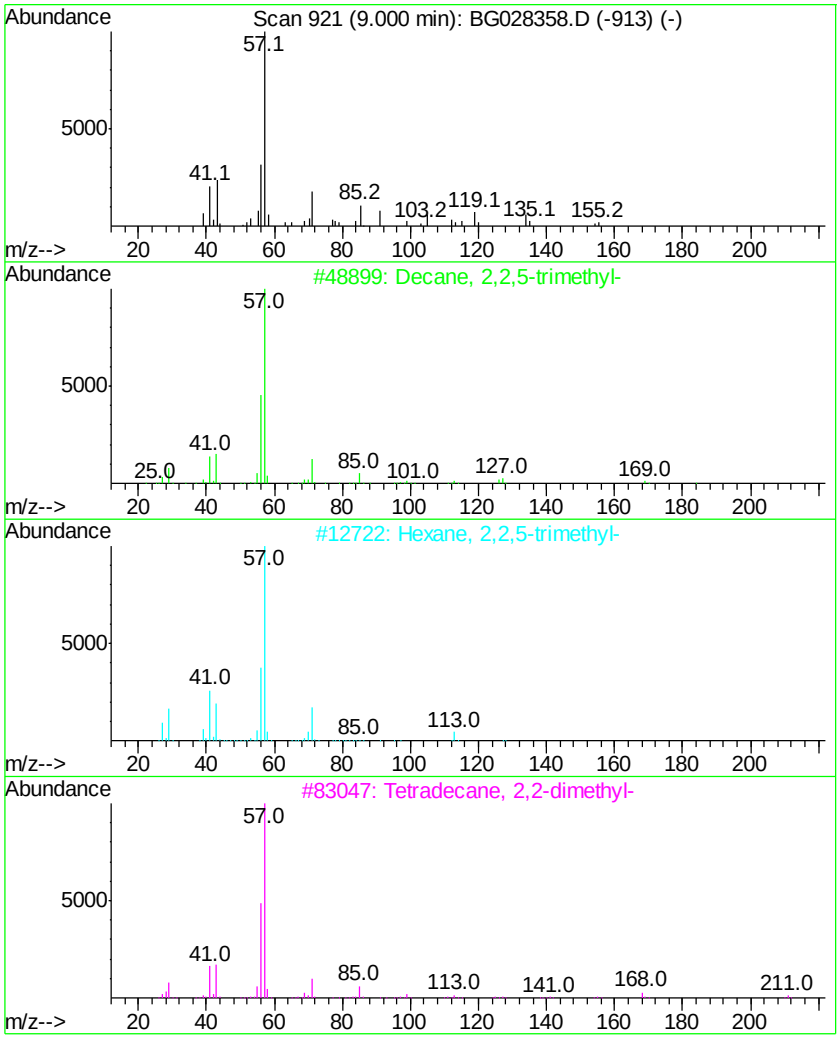
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

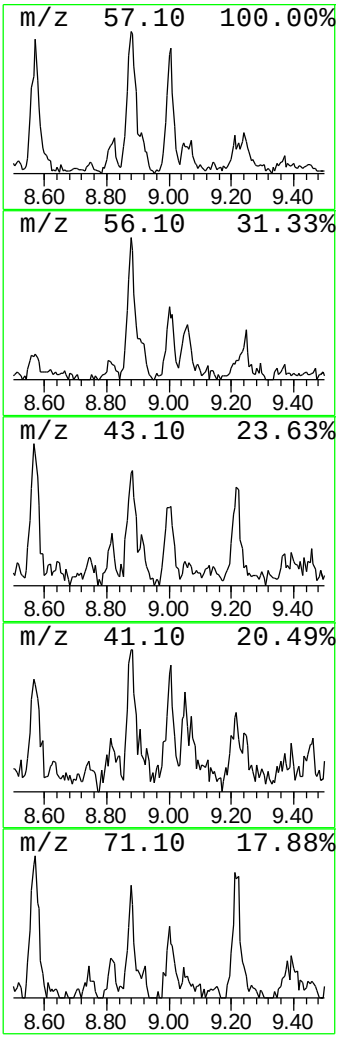
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	6.01 ng/ul	74169	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	53
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	42
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	42
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38





Library Search Compound Report

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Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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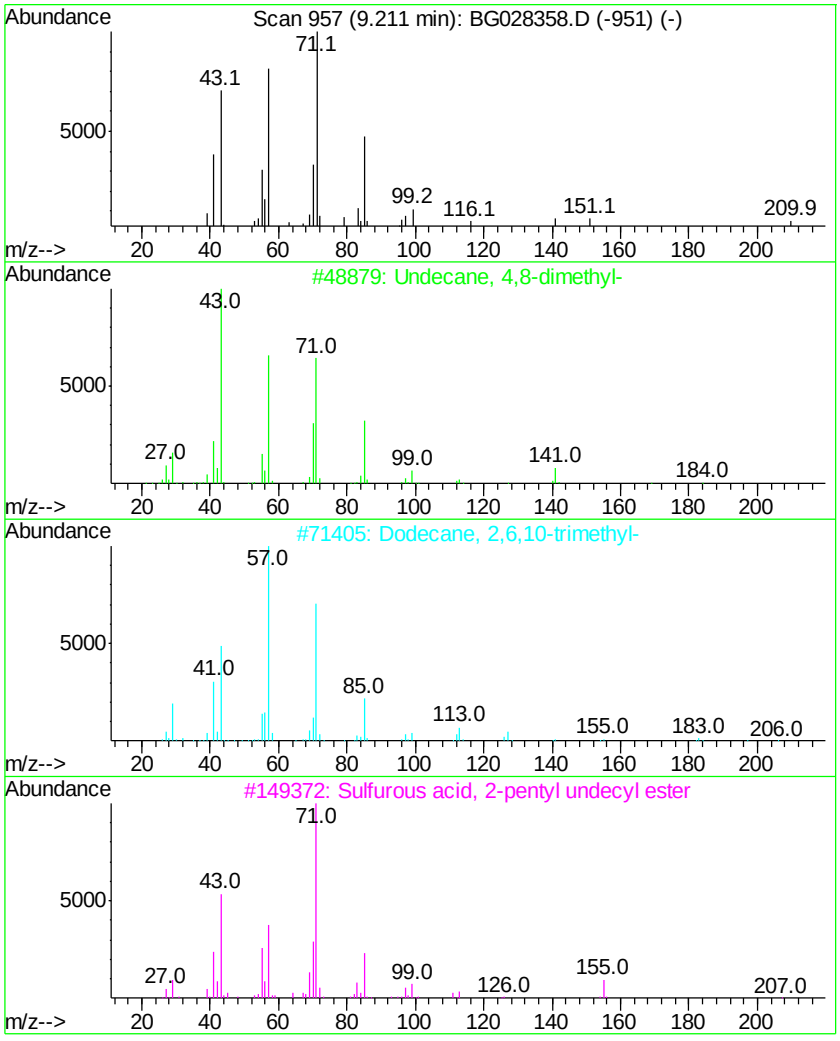
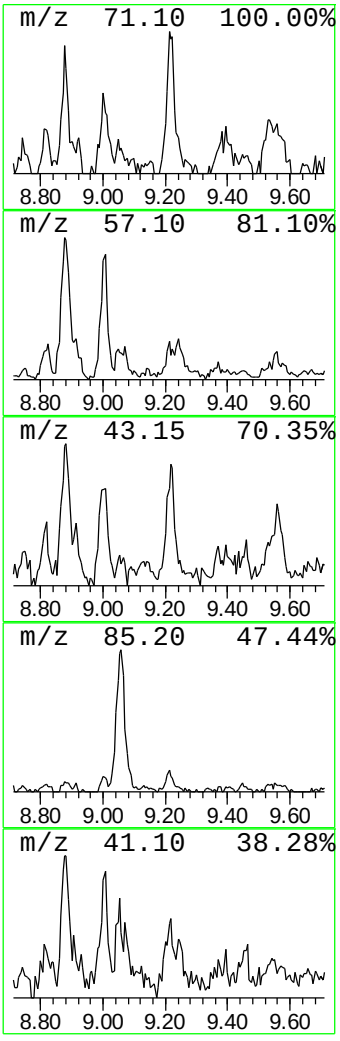
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	3.64 ng/ul	44896	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	59
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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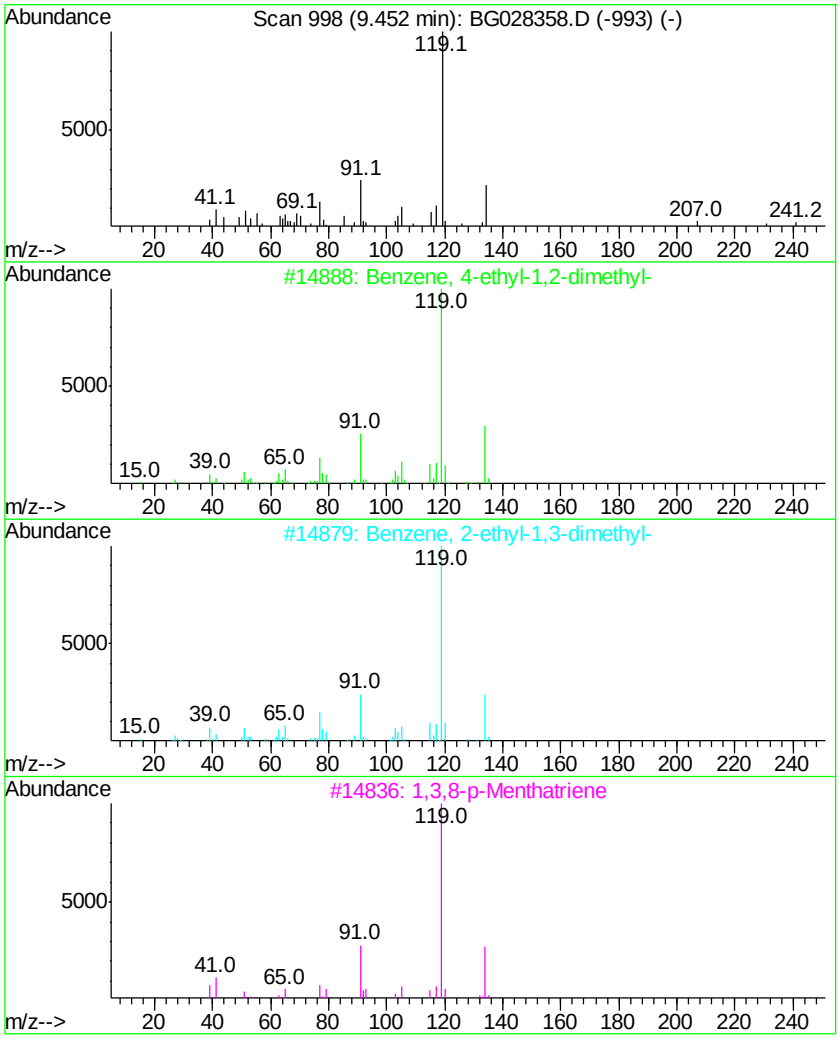
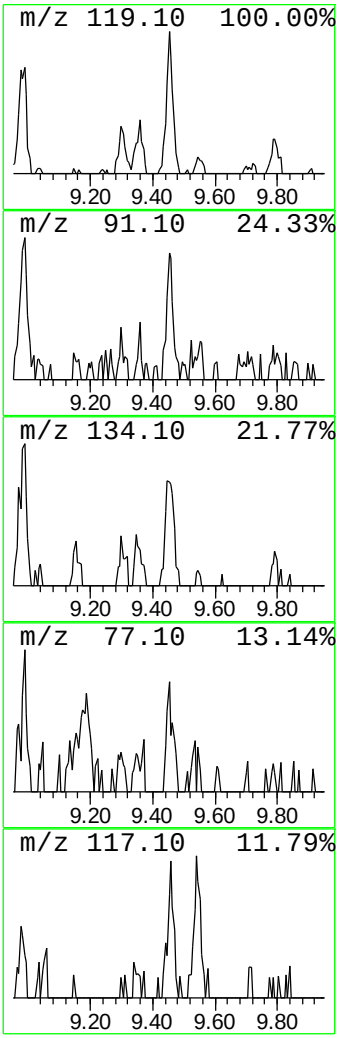
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.79 ng/ul	34433	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80
4	p-Cymene	134	C10H14	000099-87-6	74
5	o-Cymene	134	C10H14	000527-84-4	72





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Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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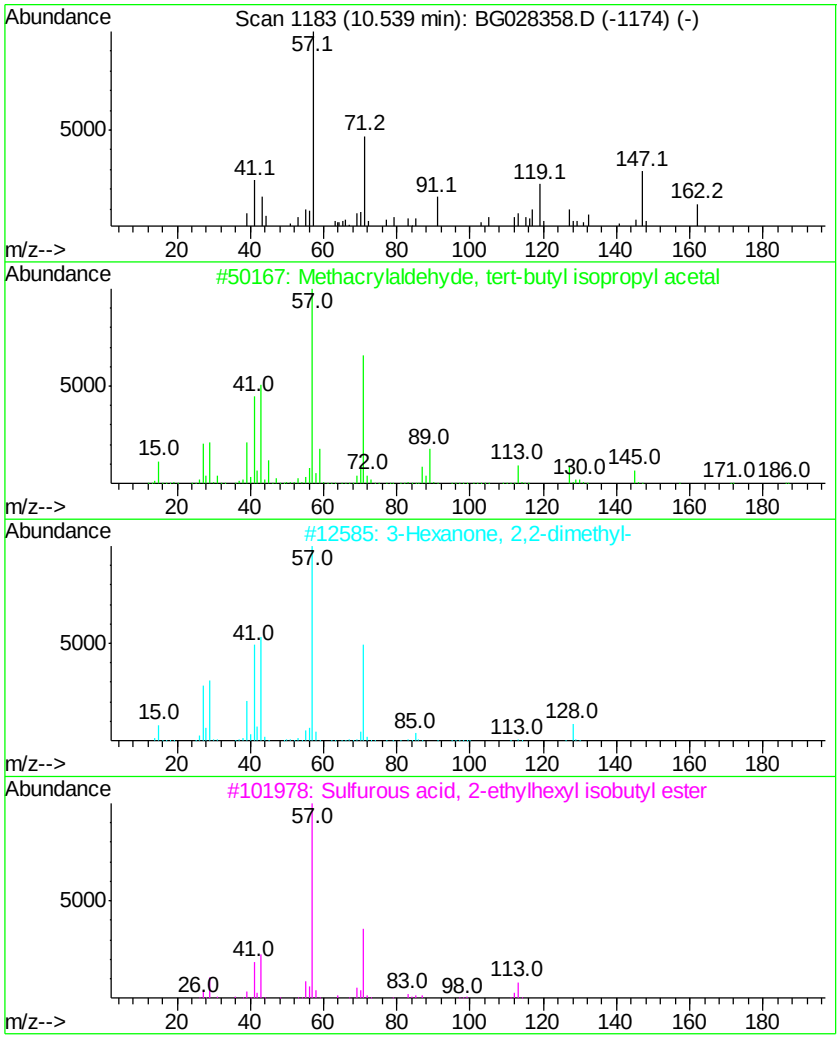
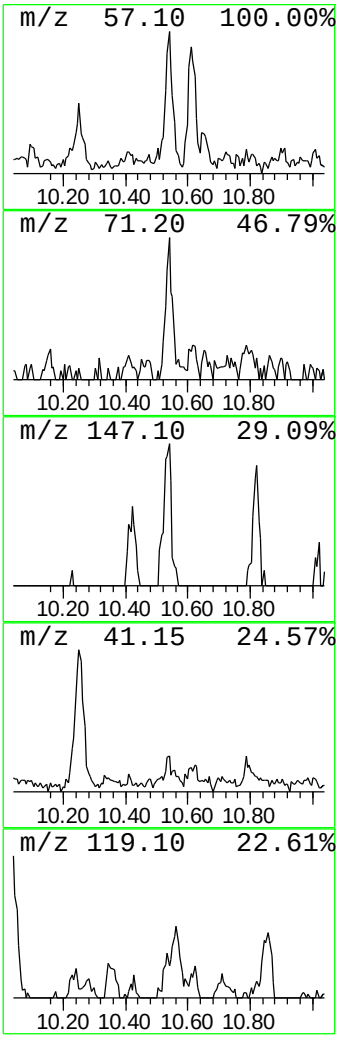
Peak Number 15 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.07 ng/ul	65586	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylaldehyde, tert-butyl is...	186	C11H22O2	023230-85-5	32
2	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	27
3	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	27
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	27
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	27





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Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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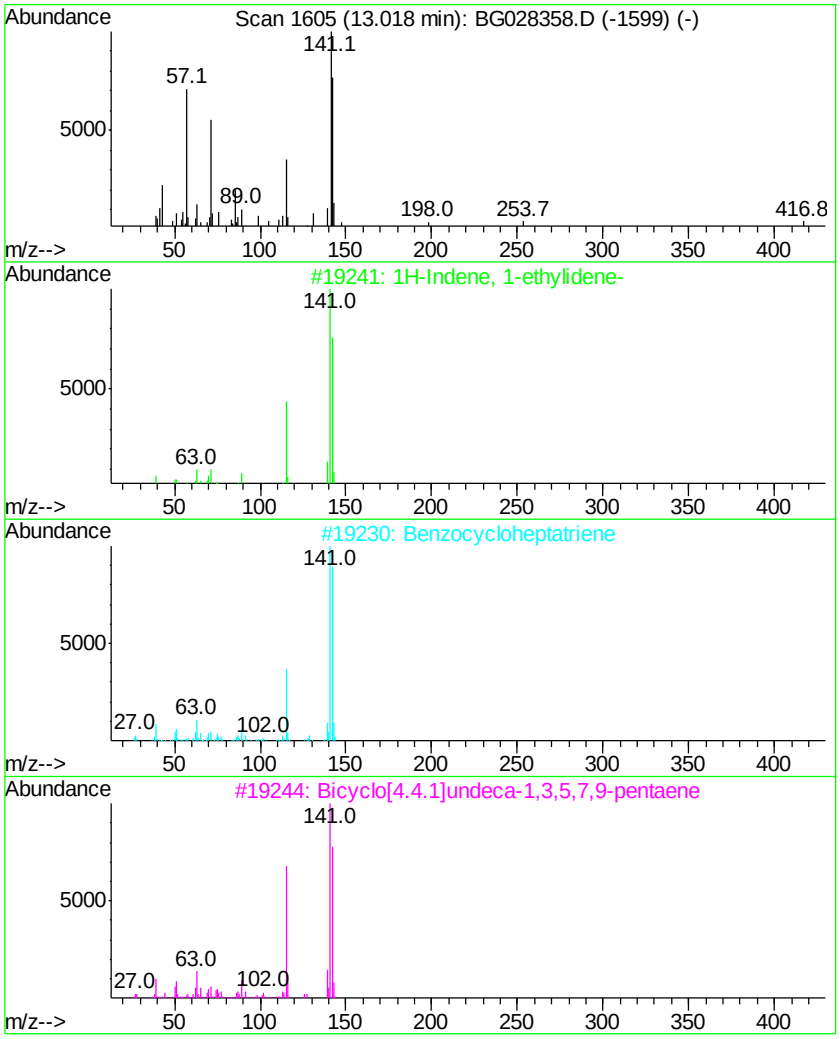
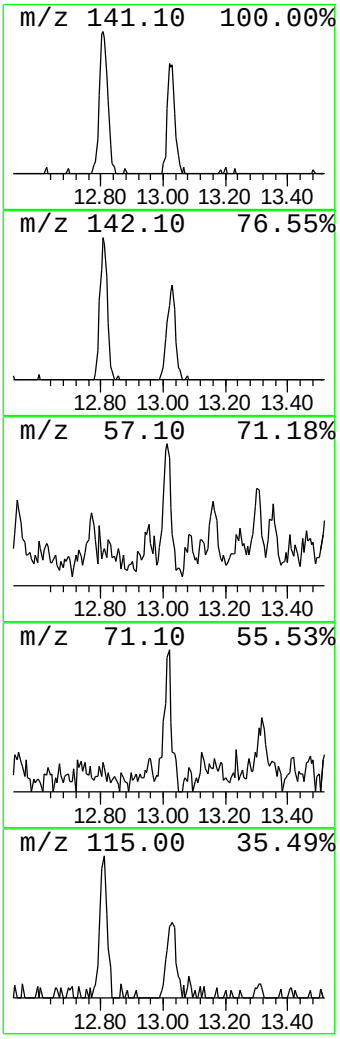
Peak Number 16 1H-Indene, 1-ethylidene- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.47 ng/ul	52798	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	76
2	Benzocycloheptatriene	142	C11H10	000264-09-5	70
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	62
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	62
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	58





Library Search Compound Report

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Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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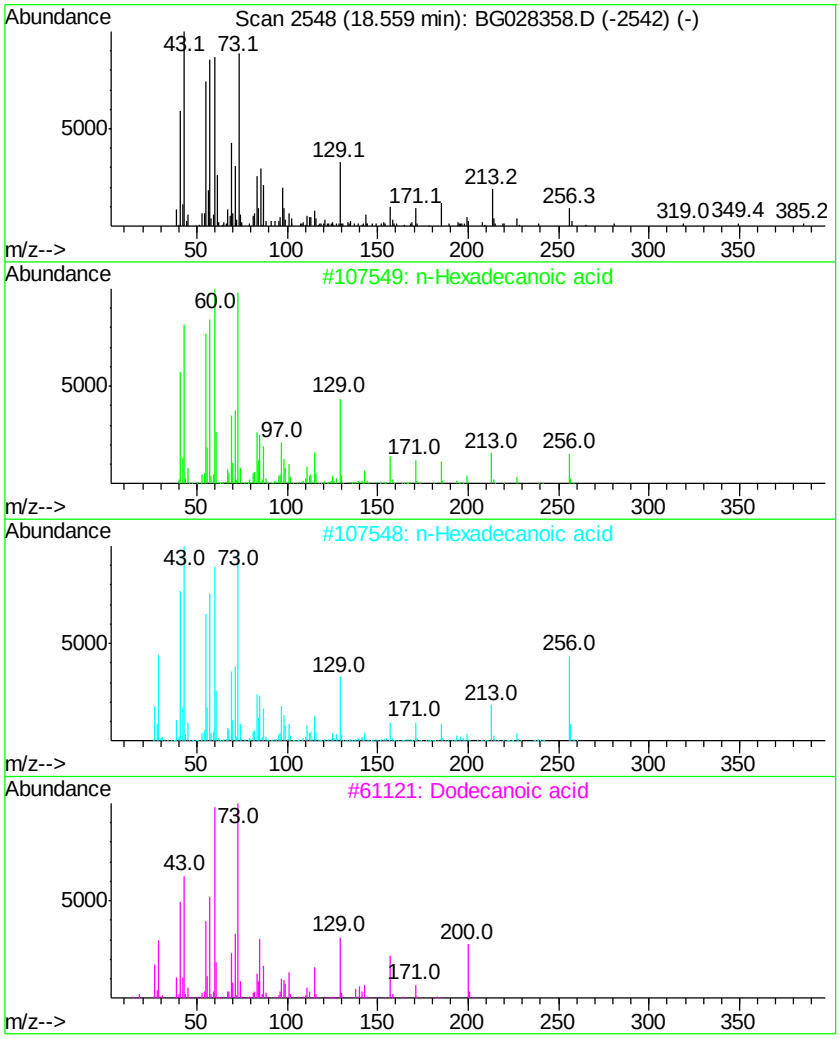
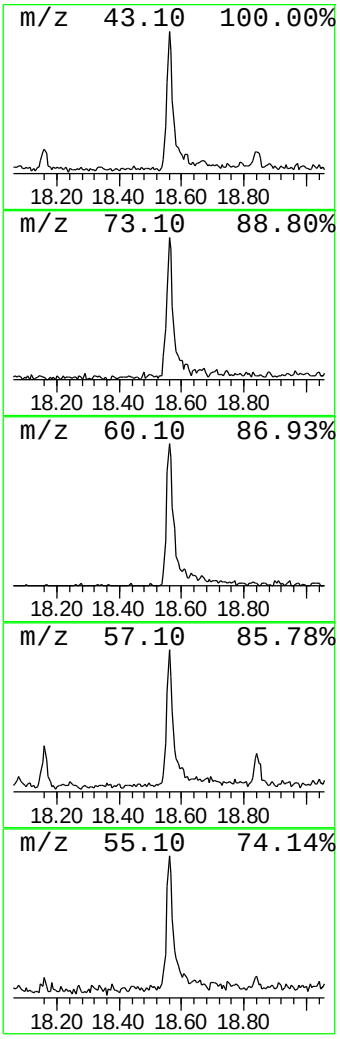
Peak Number 17 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	6.67 ng/ul	284317	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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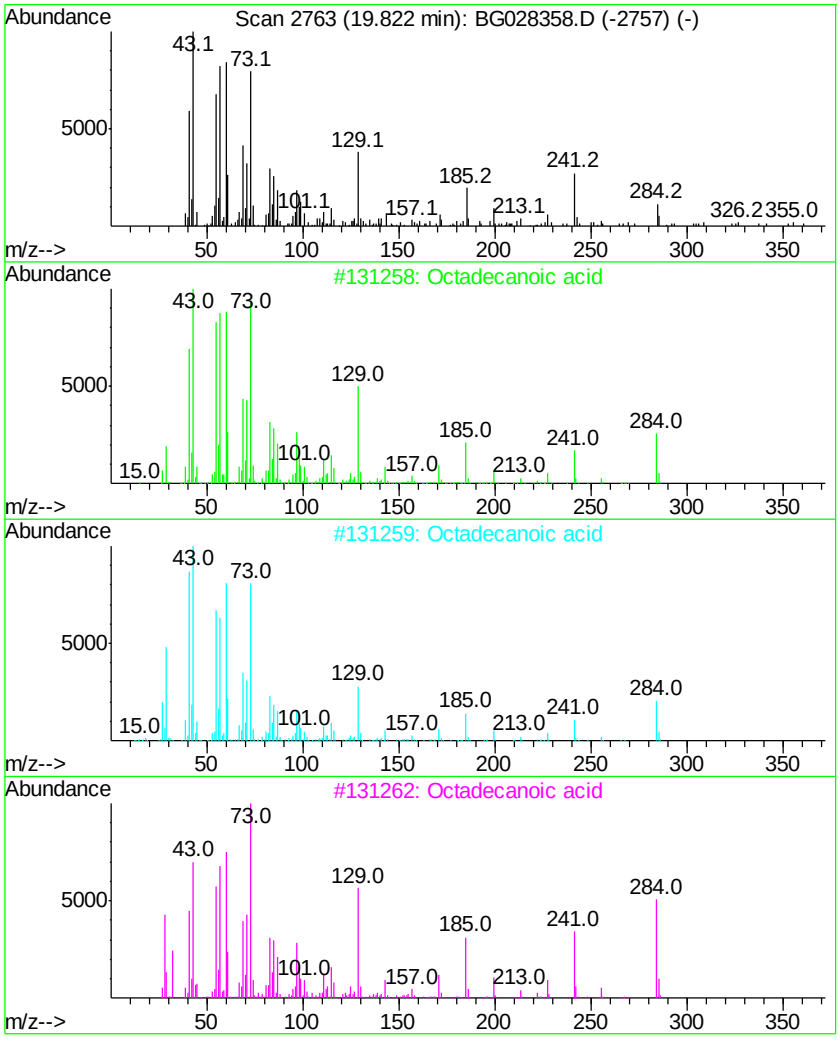
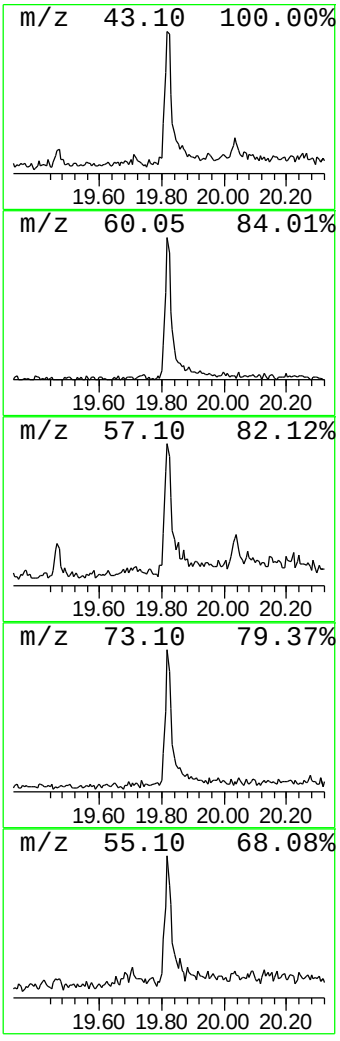
Peak Number 19 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.33 ng/ul	269760	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





Library Search Compound Report

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Data File : BG028358.D
Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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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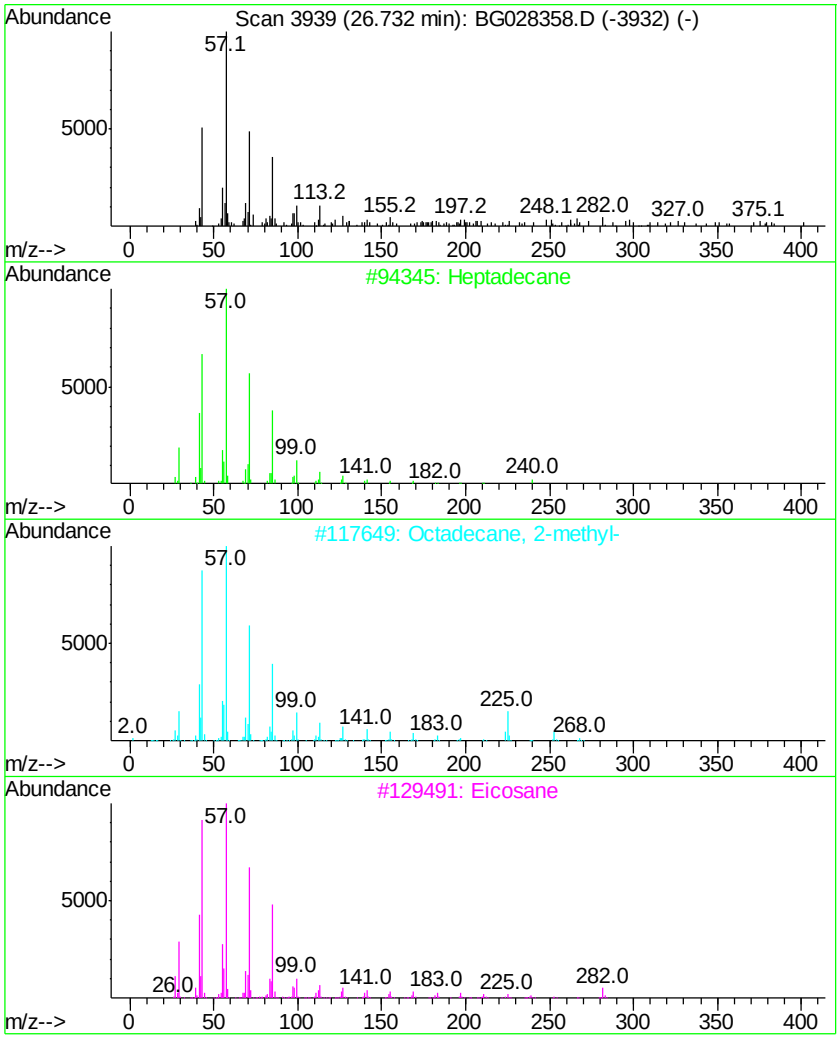
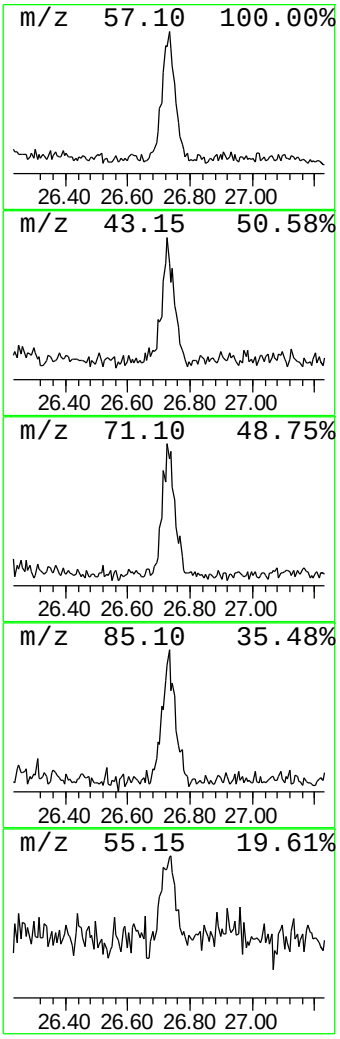
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	4.12 ng/ul	181664	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3	Eicosane	282	C20H42	000112-95-8	70
4	Nonadecane	268	C19H40	000629-92-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081517\
Data File : BG028358.D
Acq On : 16 Aug 2017 00:38
Operator : SJ/JU
Sample : I4672-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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
Benzene, 1,3-dime...	6.00	9.7	ng/ul	120095	1	8.36	246872	20.0
(DEL) Alkane: Str...	7.33	7.1	ng/ul	87776	1	8.36	246872	20.0
Benzene, 1,2,4-tr...	7.44	3.0	ng/ul	36787	1	8.36	246872	20.0
Benzene, 1,2,3-tr...	7.99	3.3	ng/ul	40712	1	8.36	246872	20.0
Heptane, 2,2,4,6,...	8.31	4.4	ng/ul	53922	1	8.36	246872	20.0
(DEL) Alkane: Str...	8.57	4.3	ng/ul	53122	1	8.36	246872	20.0
(DEL) Alkane: Str...	8.88	7.8	ng/ul	95830	1	8.36	246872	20.0
(DEL) Alkane: Str...	9.00	6.0	ng/ul	74169	1	8.36	246872	20.0
(DEL) Alkane: Str...	9.21	3.6	ng/ul	44896	1	8.36	246872	20.0
Benzene, 4-ethyl-...	9.45	2.8	ng/ul	34433	1	8.36	246872	20.0
unknown-01	10.54	3.1	ng/ul	65586	2	11.18	426675	20.0
1H-Indene, 1-ethy...	13.02	2.5	ng/ul	52798	2	11.18	426675	20.0
n-Hexadecanoic acid	18.56	6.7	ng/ul	284317	4	17.71	852157	20.0
Octadecanoic acid	19.82	6.3	ng/ul	269760	4	17.71	852157	20.0
(DEL) Alkane: Str...	26.73	4.1	ng/ul	181664	6	25.56	882735	20.0