LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028562.D
Acq On : 30 Aug 2017 21:00
Operator : SJ/JU
Sample : I4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B50

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	3.825	37	40	47	rVB4	9197	10420	1.03%	0.090%
2	4.331	117	126	131	rBV5	4217	9391	0.92%	0.081%
3	4.560	159	165	169	rVB5	6636	9898	0.97%	0.086%
4	4.754	190	198	205	rVB5	7612	15753	1.55%	0.136%
5	4.883	215	220	223	rBV4	6384	10331	1.02%	0.089%
6	5.371	299	303	308	rBV4	2889	5384	0.53%	0.047%
7	5.441	308	315	320	rVB3	4805	10197	1.00%	0.088%
8	5.494	321	324	329	rVB4	2969	4787	0.47%	0.041%
9	5.535	329	331	333	rBV2	3987	3707	0.36%	0.032%
10	5.612	339	344	348	rVB4	2286	4633	0.46%	0.040%
11	5.788	367	374	381	rBV8	4187	10367	1.02%	0.090%
12	5.853	381	385	390	rBV3	6476	8447	0.83%	0.073%
13	5.988	401	408	417	rVB3	24593	60218	5.93%	0.521%
14	6.334	460	467	478	rVB8	5135	17497	1.72%	0.151%
15	6.822	544	550	555	rBV6	3050	5786	0.57%	0.050%
16	6.863	556	557	564	rVB4	3509	4836	0.48%	0.042%
17	6.981	570	577	583	rBV7	3618	7570	0.75%	0.066%
18	7.204	609	615	619	rBV4	2831	5527	0.54%	0.048%
19	7.316	628	634	645	rBV5	15517	32046	3.16%	0.277%
20	7.415	647	651	657	rBV	26637	42103	4.15%	0.364%
21	7.498	657	665	682	rVB	131535	319218	31.43%	2.763%
22	7.656	682	692	700	rBV	98291	171501	16.88%	1.484%
23	7.721	700	703	714	rVB7	4927	9100	0.90%	0.079%
24	7.880	722	730	737	rBV	121933	222116	21.87%	1.922%
25	7.979	742	747	755	rVB3	29514	51530	5.07%	0.446%
26	8.232	779	790	792	rBV5	2649	4894	0.48%	0.042%
27	8.291	796	800	803	rBV4	4011	5736	0.56%	0.050%
28	8.344	803	809	822	rVB	145870	267693	26.36%	2.317%
29	8.455	822	828	832	rBV4	8893	16487	1.62%	0.143%
30	8.549	842	844	851	rVB5	2377	3826	0.38%	0.033%
31	8.720	867	873	881	rVB7	6854	15996	1.57%	0.138%
32	8.826	883	891	894	rBV6	7824	14064	1.38%	0.122%
33	8.878	896	900	907	rVB5	10054	16970	1.67%	0.147%
34	8.967	909	915	921	rBV4	18274	32458	3.20%	0.281%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B50

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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Peak separation: 1

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

35	9.043	921	928	938	rVB	156306	294100	28.96%	2.545%
36	9.131	940	943	948	rBV5	3338	3993	0.39%	0.035%
37	9.178	948	951	955	rVV5	3479	4351	0.43%	0.038%
38	9.219	955	958	963	rVB5	2719	4435	0.44%	0.038%
39	9.290	963	970	973	rBV6	3945	7760	0.76%	0.067%
40	9.337	973	978	983	rBV4	4482	6699	0.66%	0.058%
41	9.437	986	995	1001	rBV3	16870	29956	2.95%	0.259%
42	9.513	1001	1008	1018	rBV	133027	261467	25.74%	2.263%
43	9.607	1020	1024	1027	rBV4	3163	5383	0.53%	0.047%
44	9.648	1027	1031	1036	rVV7	3453	8024	0.79%	0.069%
45	9.683	1036	1037	1046	rVB4	3421	5815	0.57%	0.050%
46	9.777	1049	1053	1059	rVB5	2857	5472	0.54%	0.047%
47	9.965	1078	1085	1091	rBV6	6880	14476	1.43%	0.125%
48	10.018	1091	1094	1099	rBV3	6110	8920	0.88%	0.077%
49	10.236	1123	1131	1140	rVV2	111204	223760	22.03%	1.937%
50	10.330	1144	1147	1152	rBV6	4538	6145	0.60%	0.053%
51	10.388	1153	1157	1165	rVV9	5300	12023	1.18%	0.104%
52	10.488	1172	1174	1179	rVV3	3070	4616	0.45%	0.040%
53	10.541	1179	1183	1189	rVV7	8762	18491	1.82%	0.160%
54	10.594	1189	1192	1198	rVV6	5362	8071	0.79%	0.070%
55	10.782	1217	1224	1240	rVB	166707	325030	32.00%	2.813%
56	10.923	1243	1248	1253	rVB5	1931	4257	0.42%	0.037%
57	11.029	1261	1266	1269	rBV4	2983	6031	0.59%	0.052%
58	11.093	1274	1277	1280	rVV2	4571	6448	0.63%	0.056%
59	11.164	1280	1289	1303	rVB	205799	394286	38.82%	3.413%
60	11.293	1303	1311	1321	rBV2	125036	261818	25.78%	2.266%
61	11.417	1329	1332	1340	rBV6	2525	5527	0.54%	0.048%
62	11.840	1396	1404	1407	rBV7	3401	7875	0.78%	0.068%
63	11.969	1417	1426	1431	rBV6	3343	10173	1.00%	0.088%
64	12.133	1446	1454	1458	rBV5	4956	10794	1.06%	0.093%
65	12.521	1515	1520	1524	rBV4	4917	8426	0.83%	0.073%
66	12.721	1548	1554	1560	rVB5	3715	6046	0.60%	0.052%
67	12.797	1562	1567	1571	rVB4	5094	8767	0.86%	0.076%
68	13.009	1599	1603	1609	rBV5	3526	5227	0.51%	0.045%
69	13.179	1628	1632	1635	rBV4	2724	4303	0.42%	0.037%
70	13.303	1646	1653	1659	rBV6	3589	9347	0.92%	0.081%
71	13.450	1673	1678	1684	rVB8	4345	8695	0.86%	0.075%

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Instrument : BNA_G
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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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72	13.538	1688	1693	1698	rVB3	3027	5029	0.50%	0.044%
73	13.737	1719	1727	1733	rBV6	7033	12628	1.24%	0.109%
74	13.884	1750	1752	1758	rVB6	2206	4581	0.45%	0.040%
75	14.061	1776	1782	1784	rBV4	2964	4854	0.48%	0.042%
76	14.131	1784	1794	1796	rBV7	4279	8306	0.82%	0.072%
77	14.260	1813	1816	1821	rBV5	2753	3857	0.38%	0.033%
78	14.343	1821	1830	1834	rBV	322330	489592	48.20%	4.237%
79	14.390	1834	1838	1843	rVB	110272	166403	16.38%	1.440%
80	14.648	1873	1882	1890	rBV	323685	540334	53.20%	4.677%
81	14.801	1904	1908	1913	rVB2	9493	13073	1.29%	0.113%
82	14.895	1919	1924	1926	rBV4	2527	4671	0.46%	0.040%
83	14.954	1926	1934	1942	rVB2	304621	515200	50.72%	4.459%
84	15.159	1960	1969	1989	rBV2	88933	220501	21.71%	1.908%
85	15.359	1996	2003	2008	rVB7	9655	22063	2.17%	0.191%
86	15.665	2052	2055	2058	rVB4	3192	4106	0.40%	0.036%
87	15.753	2064	2070	2075	rBV3	17836	24274	2.39%	0.210%
88	15.947	2096	2103	2115	rBV	436531	707288	69.63%	6.122%
89	16.070	2117	2124	2133	rBV	133948	213597	21.03%	1.849%
90	16.164	2135	2140	2142	rBV5	5517	9696	0.95%	0.084%
91	16.611	2212	2216	2228	rBV2	20398	44981	4.43%	0.389%
92	16.810	2247	2250	2253	rBV4	4149	6162	0.61%	0.053%
93	17.410	2349	2352	2357	rVB5	17113	19376	1.91%	0.168%
94	17.703	2395	2402	2412	rBV2	378508	628032	61.83%	5.436%
95	17.803	2413	2419	2429	rVB	481837	759806	74.81%	6.576%
96	18.549	2541	2546	2555	rBV5	73594	143383	14.12%	1.241%
97	20.083	2801	2807	2817	rBV	638098	1015708	100.00%	8.791%
98	22.039	3134	3140	3147	rVB	431536	803681	79.13%	6.956%
99	25.318	3691	3698	3716	rVB2	324864	1003690	98.82%	8.687%
100	25.565	3732	3740	3754	rVB	235204	711744	70.07%	6.160%

Sum of corrected areas: 11554110

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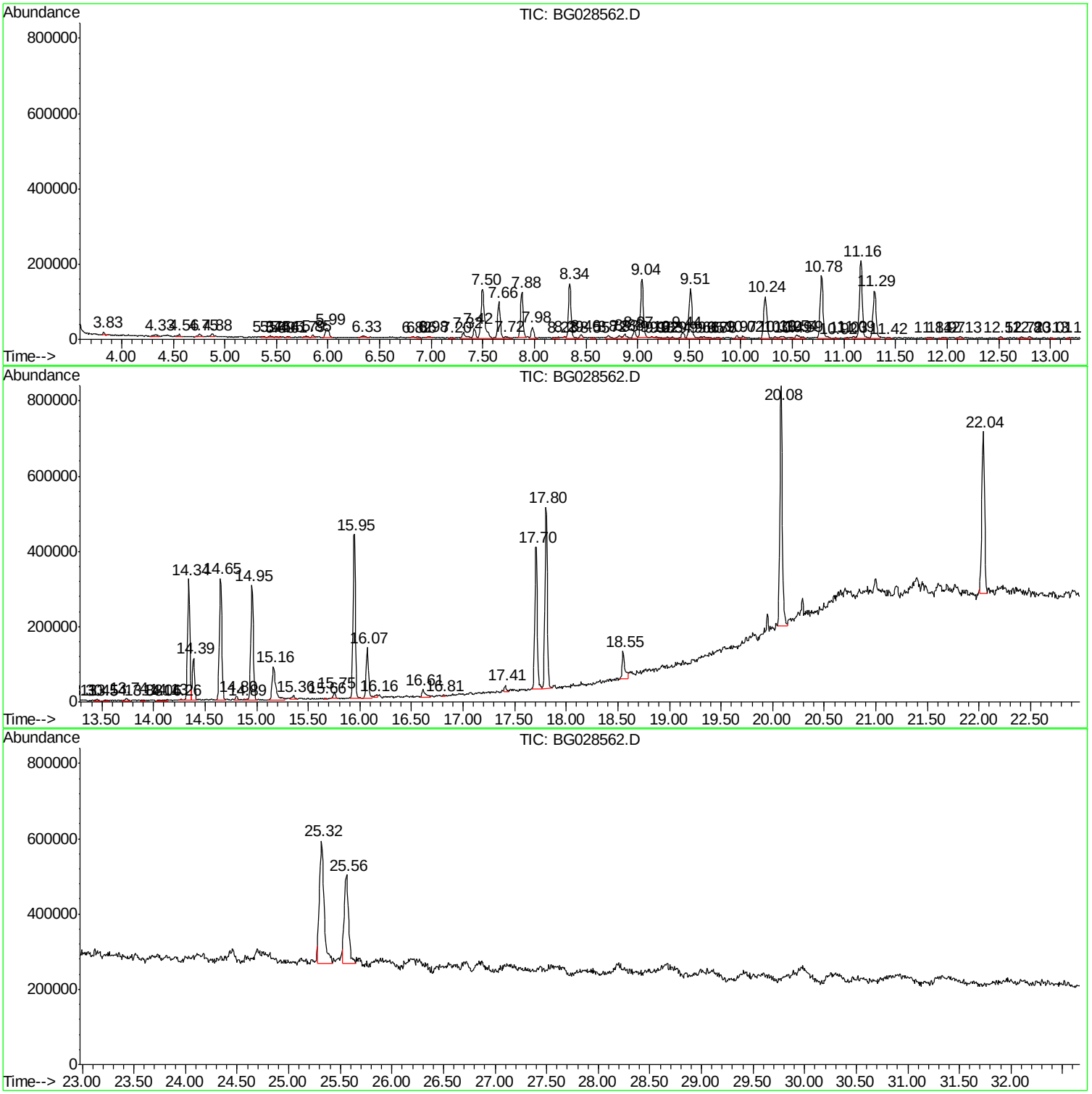
Instrument : BNA_G
ClientSampleId : B0B50

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



Library Search Compound Report

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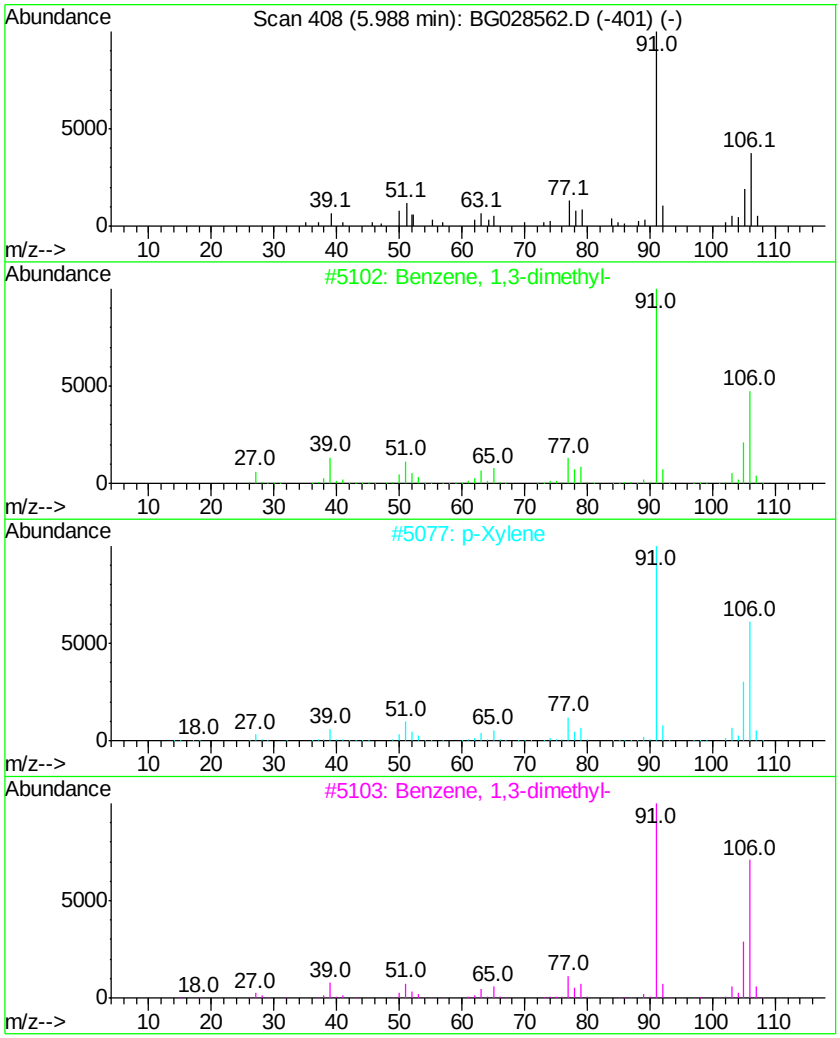
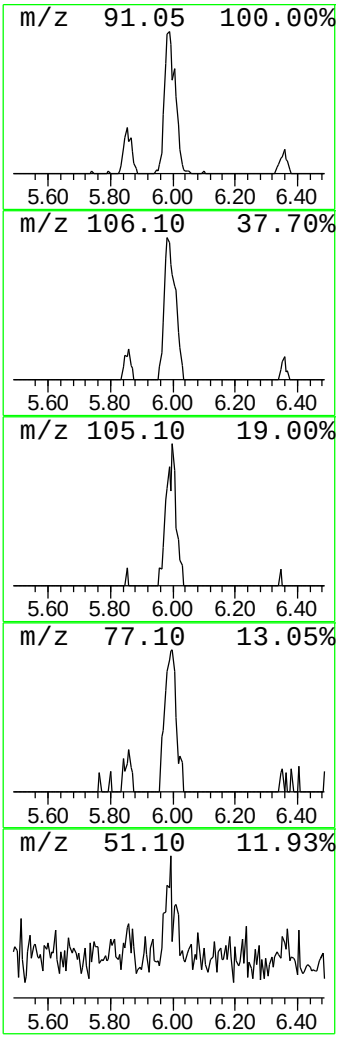
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	4.50 ng/ul	60218	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
2	p-Xylene	106	C8H10	000106-42-3	87
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
4	p-Xylene	106	C8H10	000106-42-3	87
5	o-Xylene	106	C8H10	000095-47-6	87





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Sample : I4917-08
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Instrument : BNA_G
ClientSampleId : B0B50

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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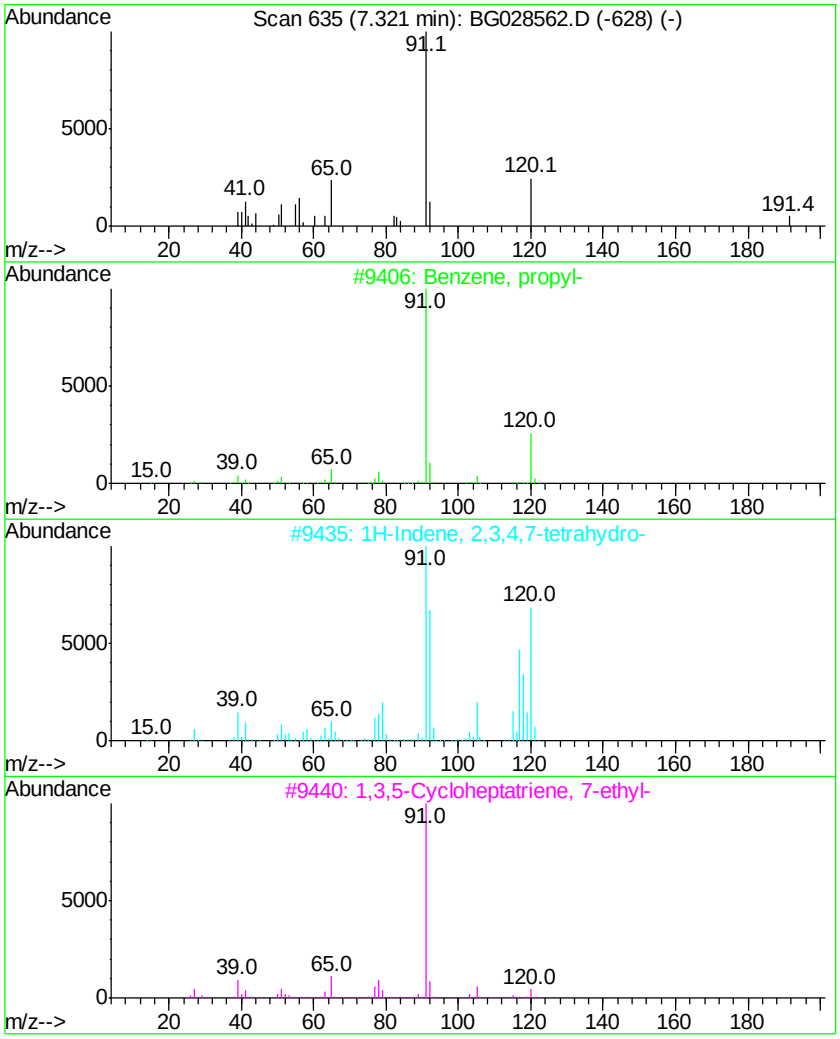
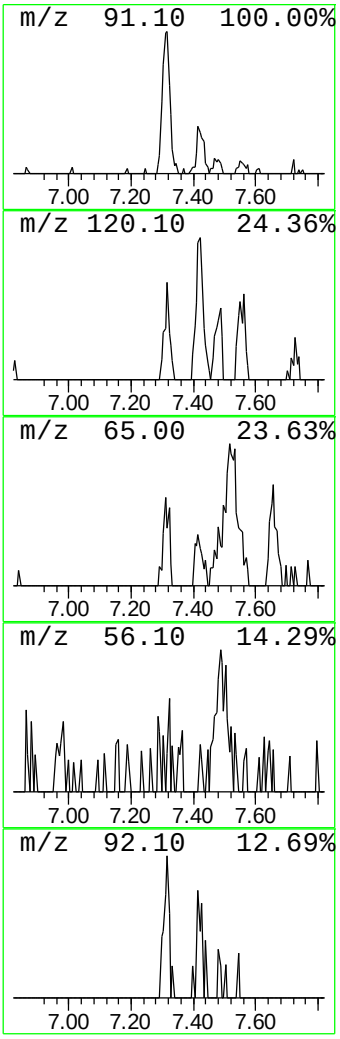
****

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.39 ng/ul	32046	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	50
2	1H-Indene, 2,3,4,7-tetrahydro-	120	C9H12	007603-37-4	47
3	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	47
4	Benzene, propyl-	120	C9H12	000103-65-1	47
5	Benzene, propyl-	120	C9H12	000103-65-1	38





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ClientSampleId : B0B50

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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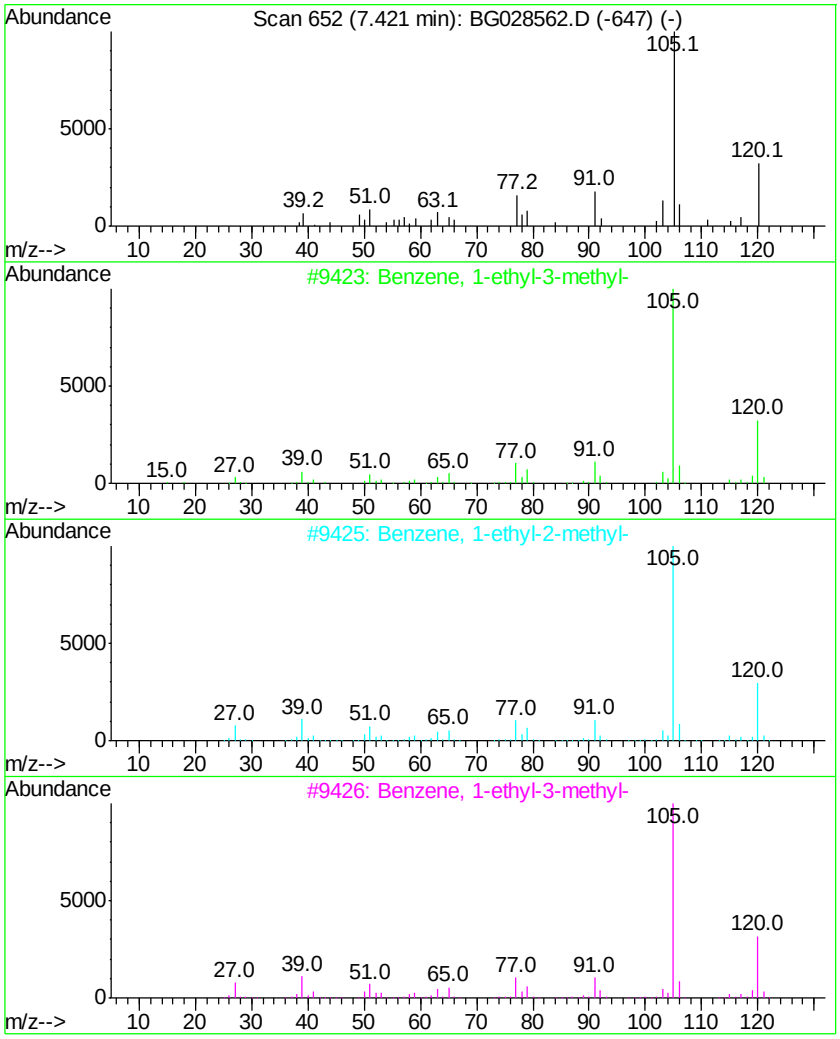
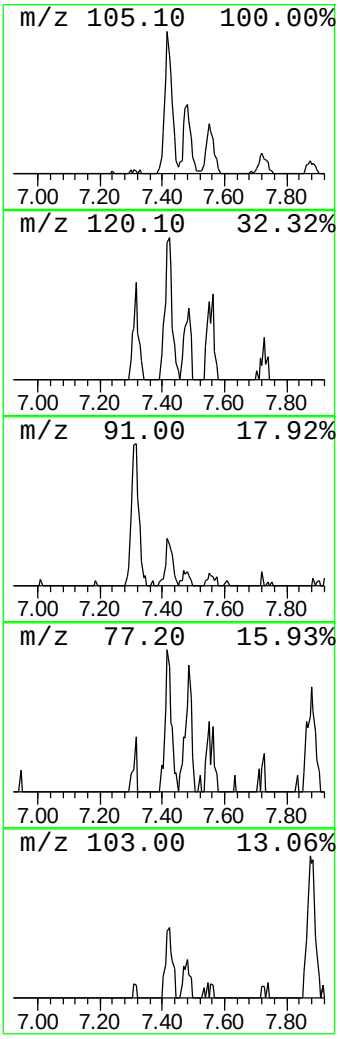
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.15 ng/ul	42103	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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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

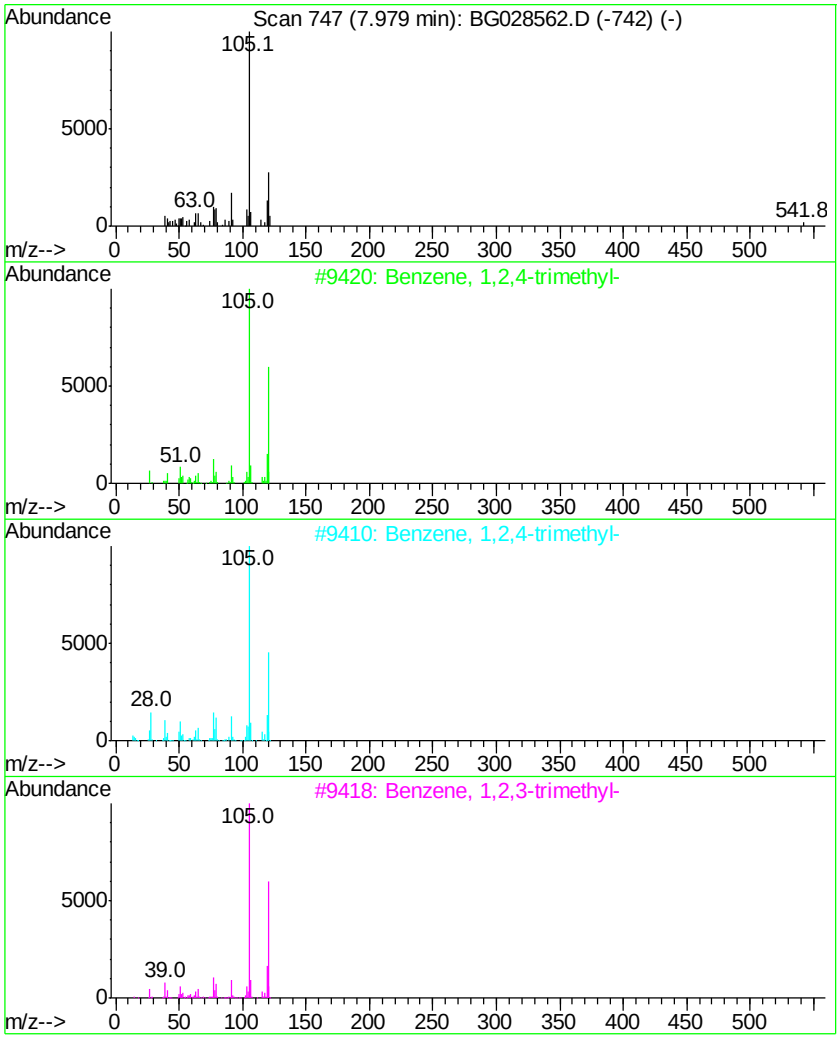
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

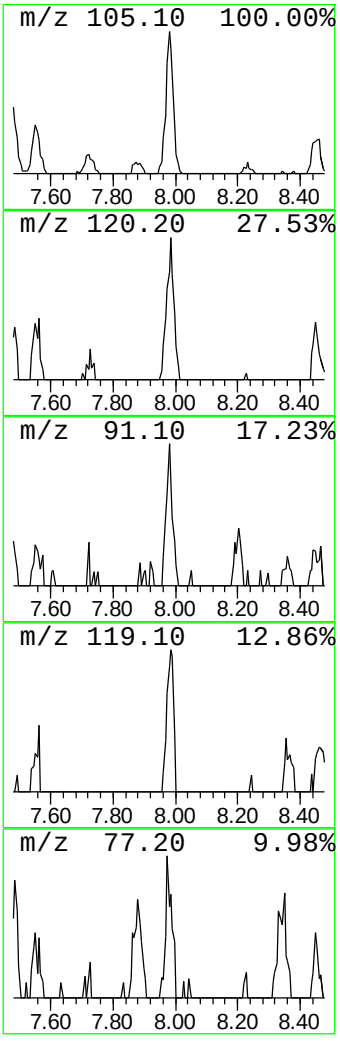
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.85 ng/ul	51530	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81





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Misc :
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Instrument : BNA_G
ClientSampleId : B0B50

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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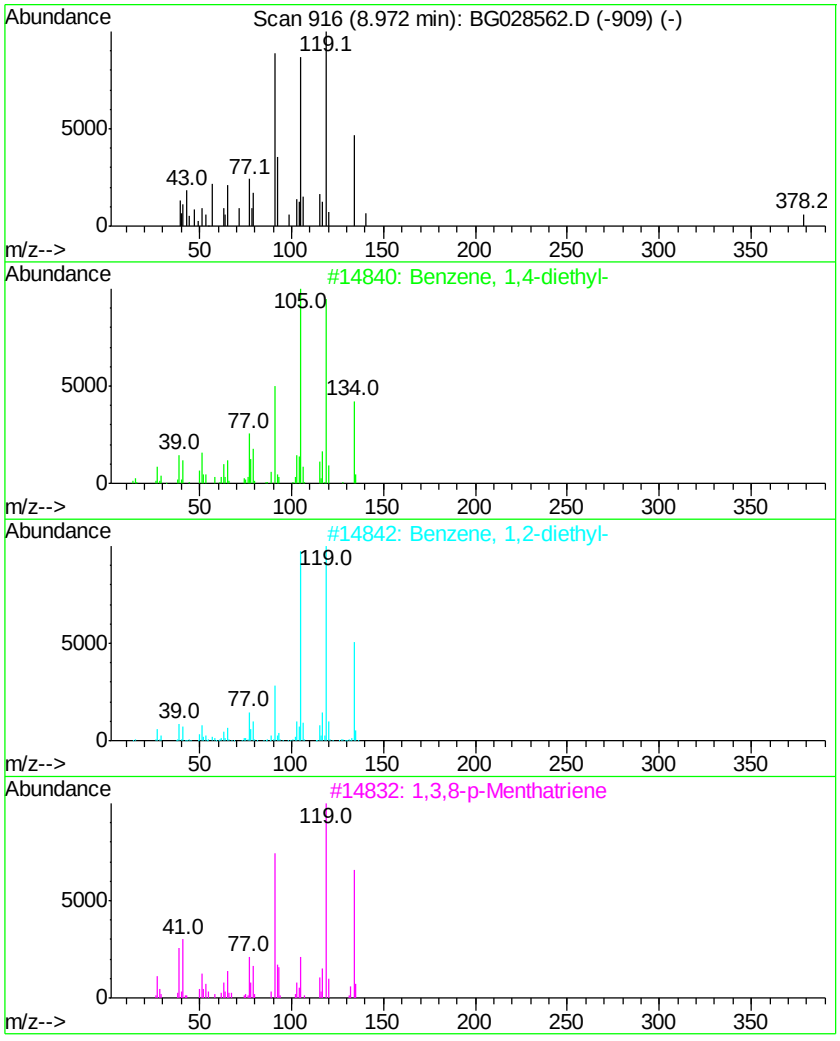
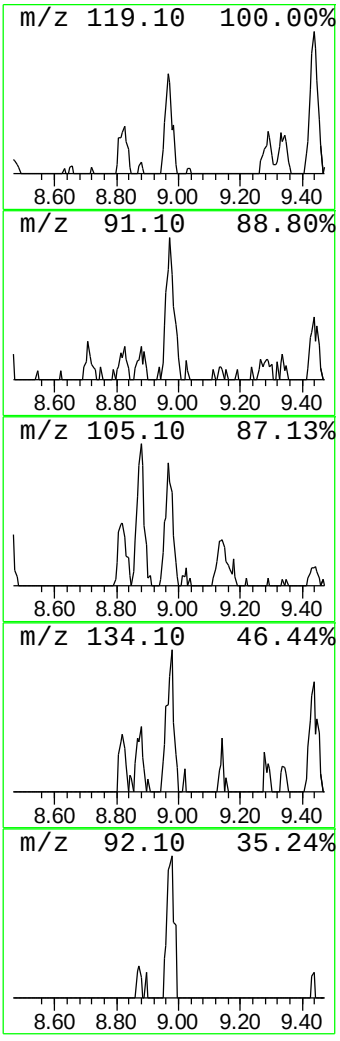
Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.43 ng/ul	32458	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	74
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	74
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





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Quant Title : SVOA CALIBRATION

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

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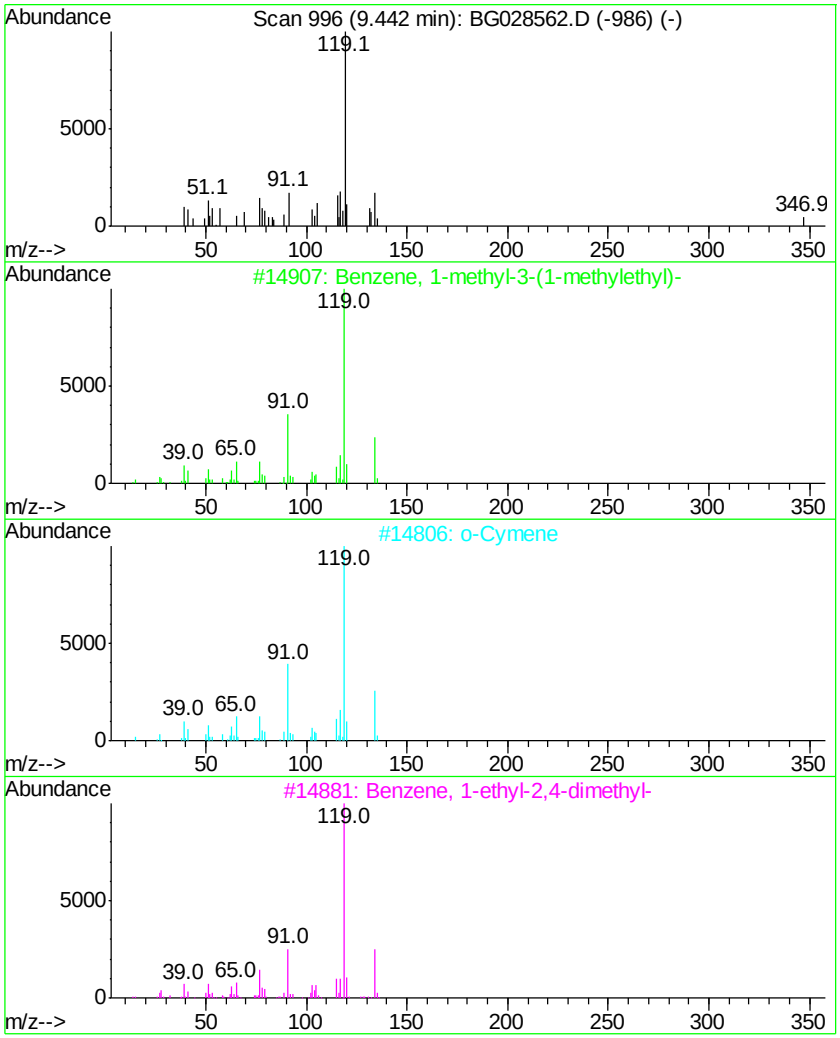
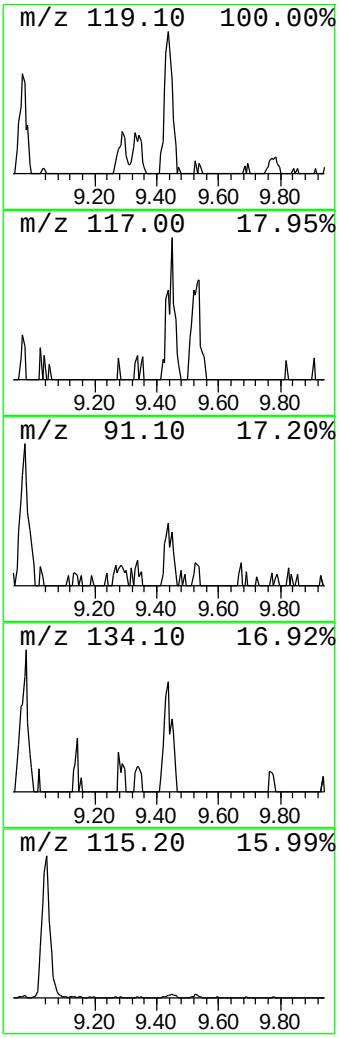
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.24 ng/ul	29956	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	o-Cymene	134	C10H14	000527-84-4	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028562.D
Acq On : 30 Aug 2017 21:00
Operator : SJ/JU
Sample : I4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B50

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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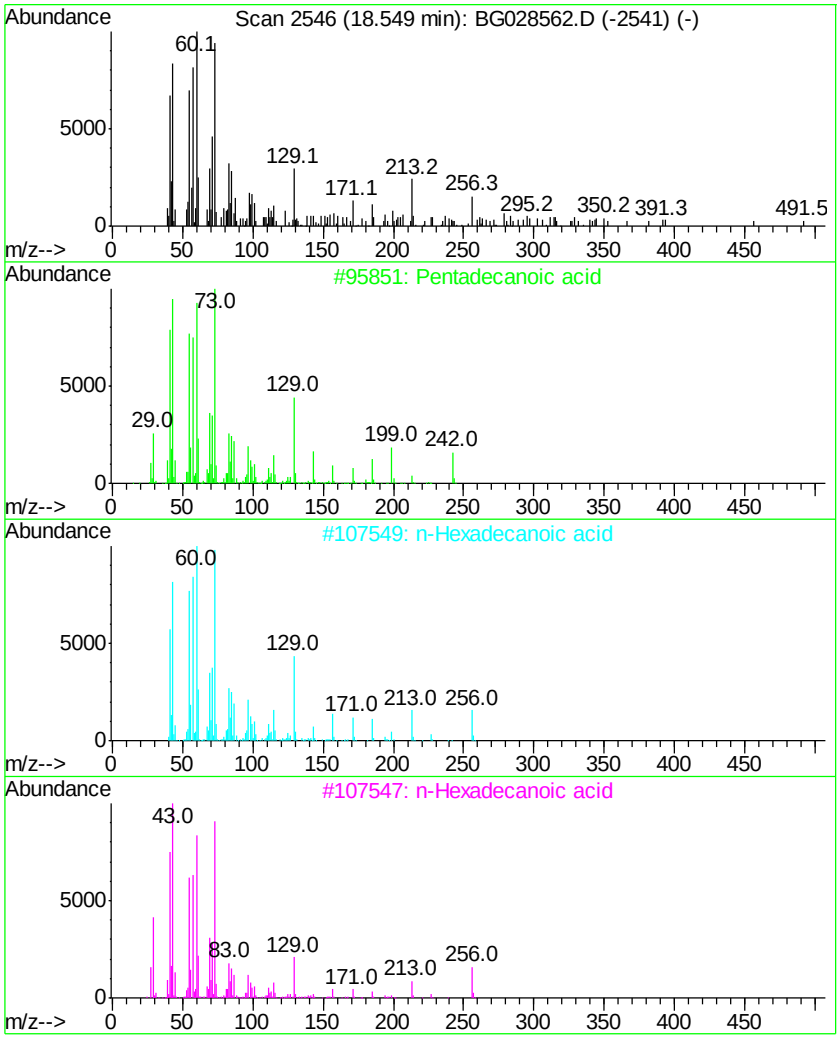
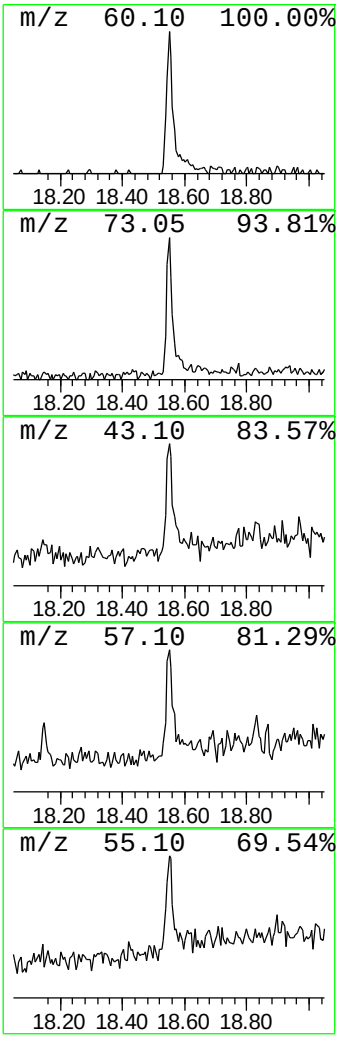
Peak Number 7 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.57 ng/ul	143383	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028562.D
Acq On : 30 Aug 2017 21:00
Operator : SJ/JU
Sample : I4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B50

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...	5.99	4.5	ng/ul	60218	1	8.34	267693	20.0
Benzene, propyl-	7.32	2.4	ng/ul	32046	1	8.34	267693	20.0
Benzene, 1-ethyl-...	7.42	3.1	ng/ul	42103	1	8.34	267693	20.0
Benzene, 1,2,4-tr...	7.98	3.9	ng/ul	51530	1	8.34	267693	20.0
Benzene, 1,4-diet...	8.97	2.4	ng/ul	32458	1	8.34	267693	20.0
Benzene, 1-methyl...	9.44	2.2	ng/ul	29956	1	8.34	267693	20.0
Pentadecanoic acid	18.55	4.6	ng/ul	143383	4	17.71	628032	20.0