LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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	4.102	70	87	97	rBV5	52001	122752	4.69%	0.270%
2	5.870	381	388	402	rVB	94874	192973	7.37%	0.425%
3	6.023	402	414	428	rBV	692624	1296307	49.48%	2.855%
4	6.370	466	473	483	rVB2	82637	144020	5.50%	0.317%
5	7.439	647	655	660	rVV	372423	636284	24.29%	1.402%
6	7.498	660	665	672	rVV	565270	1000631	38.19%	2.204%
7	7.568	672	677	687	rVB	589666	995444	37.99%	2.193%
8	7.674	687	695	700	rBV	176805	299082	11.42%	0.659%
9	7.739	700	706	714	rVB	539489	903664	34.49%	1.991%
10	7.891	720	732	740	rBV	206219	385502	14.71%	0.849%
11	8.003	740	751	759	rVB	1521004	2619971	100.00%	5.771%
12	8.361	805	812	822	rVV3	172725	405162	15.46%	0.892%
13	8.473	822	831	845	rVV2	369320	682969	26.07%	1.504%
14	8.626	852	857	867	rVB4	36202	97475	3.72%	0.215%
15	8.732	867	875	883	rBV	178299	318506	12.16%	0.702%
16	8.837	885	893	898	rBV	186912	309121	11.80%	0.681%
17	8.896	898	903	910	rVV	141995	231866	8.85%	0.511%
18	8.984	910	918	924	rVV	462295	818189	31.23%	1.802%
19	9.055	924	930	939	rVV2	216977	487503	18.61%	1.074%
20	9.155	939	947	961	rVB2	169656	365655	13.96%	0.805%
21	9.302	962	972	977	rBV	216220	376659	14.38%	0.830%
22	9.354	977	981	989	rVB	224677	371411	14.18%	0.818%
23	9.454	989	998	1005	rBV2	495743	886095	33.82%	1.952%
24	9.537	1005	1012	1021	rVB3	335974	818541	31.24%	1.803%
25	9.701	1031	1040	1048	rVB4	45002	98079	3.74%	0.216%
26	9.795	1048	1056	1062	rBV2	119150	231250	8.83%	0.509%
27	9.983	1073	1088	1093	rBV	229244	419567	16.01%	0.924%
28	10.042	1093	1098	1106	rVV	377059	625125	23.86%	1.377%
29	10.248	1123	1133	1144	rBV3	279002	724603	27.66%	1.596%
30	10.353	1144	1151	1156	rBV4	89660	187691	7.16%	0.413%
31	10.412	1156	1161	1170	rVB	138153	262234	10.01%	0.578%
32	10.506	1170	1177	1180	rBV4	56105	101361	3.87%	0.223%
33	10.565	1180	1187	1193	rVV2	478749	900705	34.38%	1.984%
34	10.618	1193	1196	1200	rVV3	60157	100734	3.84%	0.222%

LSC Area Percent Report

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Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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	10.659	1200	1203	1208	rVV	57536	94227	3.60%	0.208%
36	10.741	1208	1217	1221	rVV3	83735	174106	6.65%	0.384%
37	10.800	1221	1227	1232	rVV2	384535	730583	27.89%	1.609%
38	10.859	1232	1237	1245	rVB3	222195	414240	15.81%	0.912%
39	11.082	1255	1275	1281	rBV	330594	751515	28.68%	1.655%
40	11.182	1281	1292	1296	rVV2	252595	687928	26.26%	1.515%
41	11.229	1296	1300	1305	rVV	223869	383372	14.63%	0.844%
42	11.282	1305	1309	1319	rVB4	66196	183633	7.01%	0.405%
43	11.376	1319	1325	1330	rVB3	50302	94248	3.60%	0.208%
44	11.605	1360	1364	1374	rVB5	41090	102095	3.90%	0.225%
45	11.699	1374	1380	1386	rBV4	37894	74774	2.85%	0.165%
46	11.781	1386	1394	1399	rBV3	143098	293765	11.21%	0.647%
47	11.863	1399	1408	1417	rVB4	126614	334112	12.75%	0.736%
48	12.075	1438	1444	1449	rVV4	88677	180563	6.89%	0.398%
49	12.128	1449	1453	1459	rVV4	80008	184136	7.03%	0.406%
50	12.181	1459	1462	1468	rVB2	79505	128674	4.91%	0.283%
51	12.263	1469	1476	1482	rBV3	82318	171176	6.53%	0.377%
52	12.351	1482	1491	1493	rBV6	53902	129458	4.94%	0.285%
53	12.468	1502	1511	1513	rBV7	46396	121969	4.66%	0.269%
54	12.539	1513	1523	1535	rVB2	535798	1131361	43.18%	2.492%
55	12.762	1555	1561	1565	rBV5	55163	97790	3.73%	0.215%
56	12.809	1565	1569	1574	rVB	106245	157880	6.03%	0.348%
57	12.862	1574	1578	1587	rVB3	115809	217195	8.29%	0.478%
58	12.950	1587	1593	1598	rBV	144722	241771	9.23%	0.533%
59	13.021	1598	1605	1616	rBV9	130780	545948	20.84%	1.203%
60	13.121	1616	1622	1631	rBV6	144526	431290	16.46%	0.950%
61	13.262	1642	1646	1650	rBV4	49290	80871	3.09%	0.178%
62	13.315	1650	1655	1664	rVB6	54468	125848	4.80%	0.277%
63	13.432	1670	1675	1679	rBV3	55748	86854	3.32%	0.191%
64	13.497	1679	1686	1693	rVB7	53118	157493	6.01%	0.347%
65	13.738	1720	1727	1731	rBV2	133409	270428	10.32%	0.596%
66	13.773	1732	1733	1741	rVV6	65964	116459	4.45%	0.257%
67	13.890	1747	1753	1757	rVV4	98685	202294	7.72%	0.446%
68	13.931	1757	1760	1767	rVV5	63601	126521	4.83%	0.279%
69	14.096	1781	1788	1790	rBV	116293	192085	7.33%	0.423%
70	14.137	1790	1795	1807	rVV3	257056	559422	21.35%	1.232%
71	14.278	1807	1819	1824	rVV2	113800	305136	11.65%	0.672%

LSC Area Percent Report

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Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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	14.354	1824	1832	1838	rVV	765574	1295348	49.44%	2.853%
73	14.401	1838	1840	1845	rVV3	51604	68668	2.62%	0.151%
74	14.578	1864	1870	1877	rVB6	72039	142007	5.42%	0.313%
75	14.660	1877	1884	1895	rVB	774391	1383322	52.80%	3.047%
76	14.778	1895	1904	1911	rVB9	27494	76555	2.92%	0.169%
77	14.966	1926	1936	1944	rBV2	483080	862552	32.92%	1.900%
78	15.136	1958	1965	1967	rBV5	54960	99453	3.80%	0.219%
79	15.171	1967	1971	1980	rVB4	77153	162343	6.20%	0.358%
80	15.347	1997	2001	2010	rVB6	49128	100998	3.85%	0.222%
81	15.430	2010	2015	2023	rBV6	42236	85309	3.26%	0.188%
82	15.577	2033	2040	2045	rBV5	45116	85427	3.26%	0.188%
83	15.953	2088	2104	2116	rBV	1008183	1704543	65.06%	3.755%
84	16.070	2116	2124	2131	rVV	415916	669173	25.54%	1.474%
85	16.135	2131	2135	2138	rVV3	56830	99803	3.81%	0.220%
86	16.170	2138	2141	2153	rVB3	66735	144956	5.53%	0.319%
87	16.652	2215	2223	2238	rVB	111533	241830	9.23%	0.533%
88	16.805	2238	2249	2254	rBV	25126	70723	2.70%	0.156%
89	17.474	2357	2363	2368	rBV	59930	89407	3.41%	0.197%
90	17.715	2391	2404	2414	rBV	610786	1017448	38.83%	2.241%
91	17.815	2414	2421	2430	rBV	1158611	1825211	69.67%	4.021%
92	18.561	2544	2548	2554	rBV2	50901	97844	3.73%	0.216%
93	19.819	2758	2762	2771	rBV7	41413	94225	3.60%	0.208%
94	20.089	2801	2808	2819	rBV	1322032	1972758	75.30%	4.346%
95	22.045	3134	3141	3158	rBV	583210	1109774	42.36%	2.445%
96	25.324	3687	3699	3721	rBV3	559502	1868397	71.31%	4.116%
97	25.565	3725	3740	3759	rVB	285489	1039053	39.66%	2.289%
98	26.734	3933	3939	3952	rVB9	31387	100567	3.84%	0.222%
99	28.215	4185	4191	4205	rVB8	29061	101699	3.88%	0.224%
100	30.018	4489	4498	4507	rVB8	26196	89501	3.42%	0.197%

Sum of corrected areas: 45397245

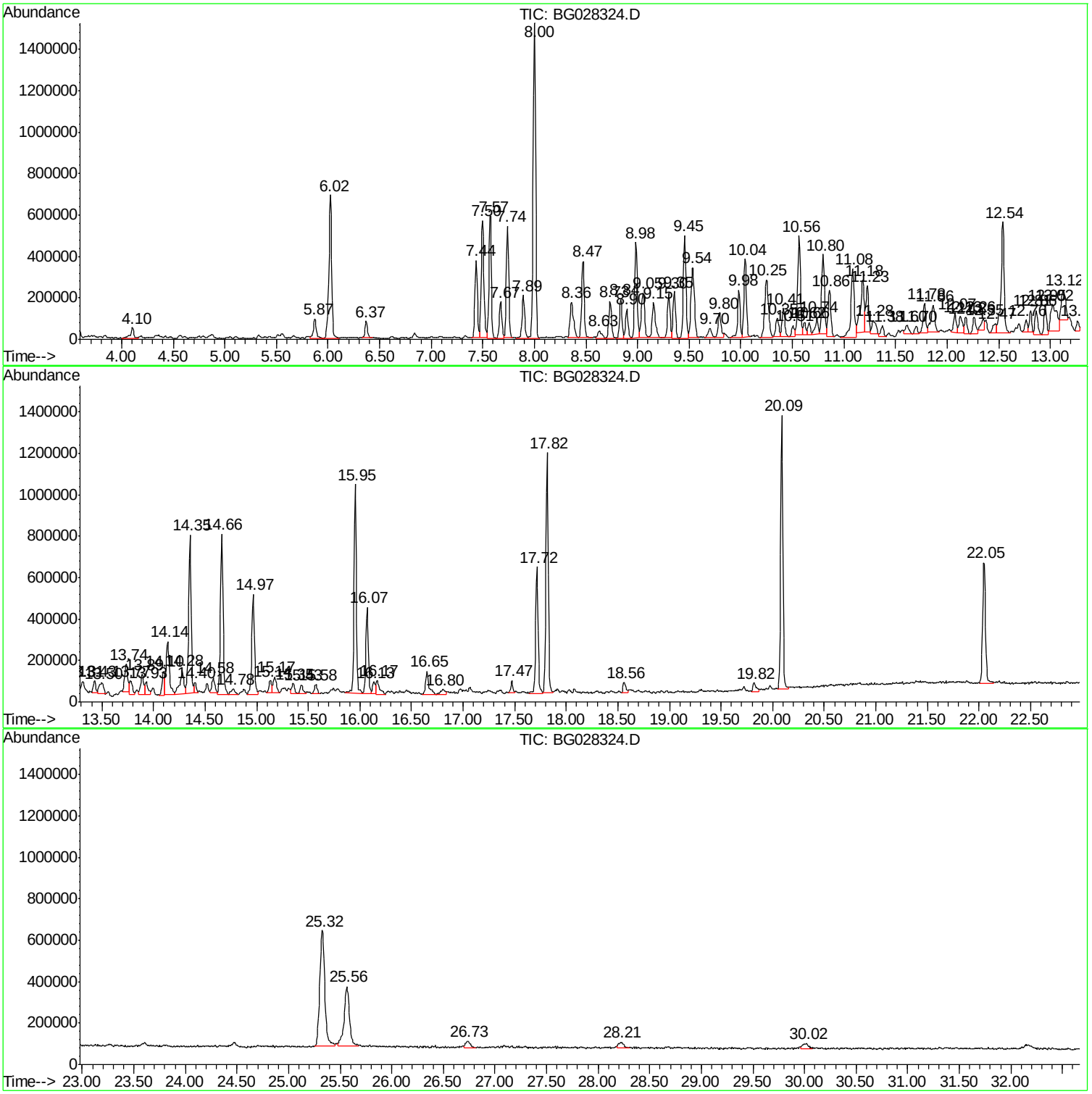
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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\BG081417\
Data File : BG028324.D
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Sample : I4630-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA5

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

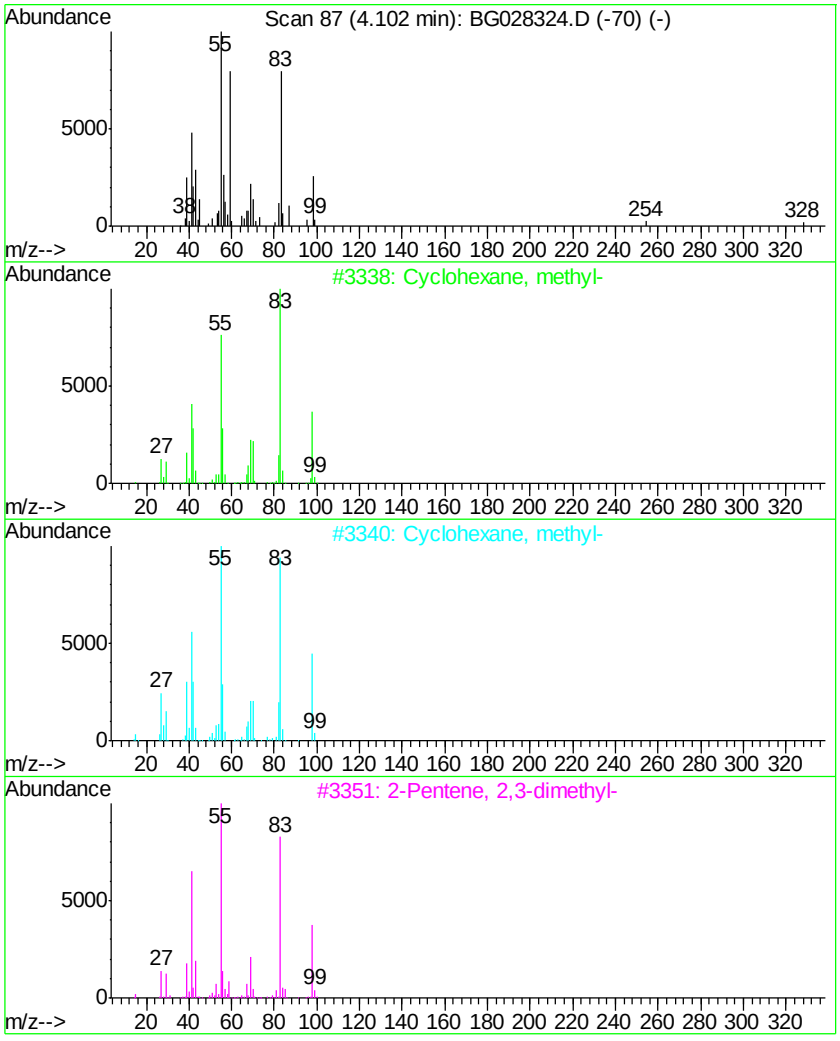
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

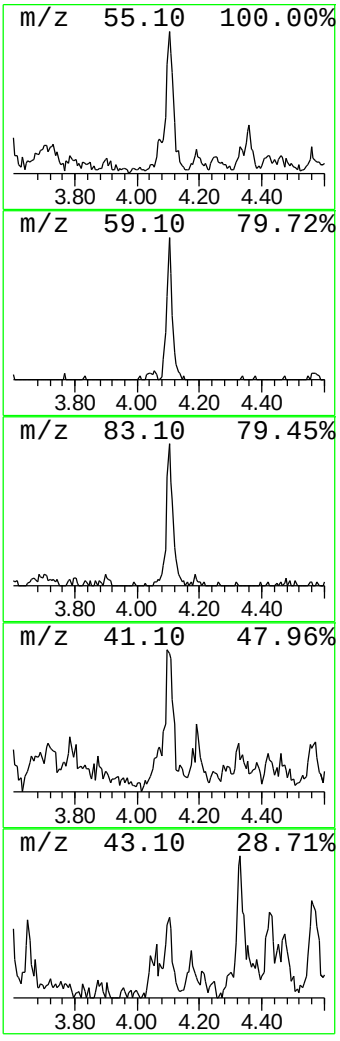
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	6.06 ng/ul	122752	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	60
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	55
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	46
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	46
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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

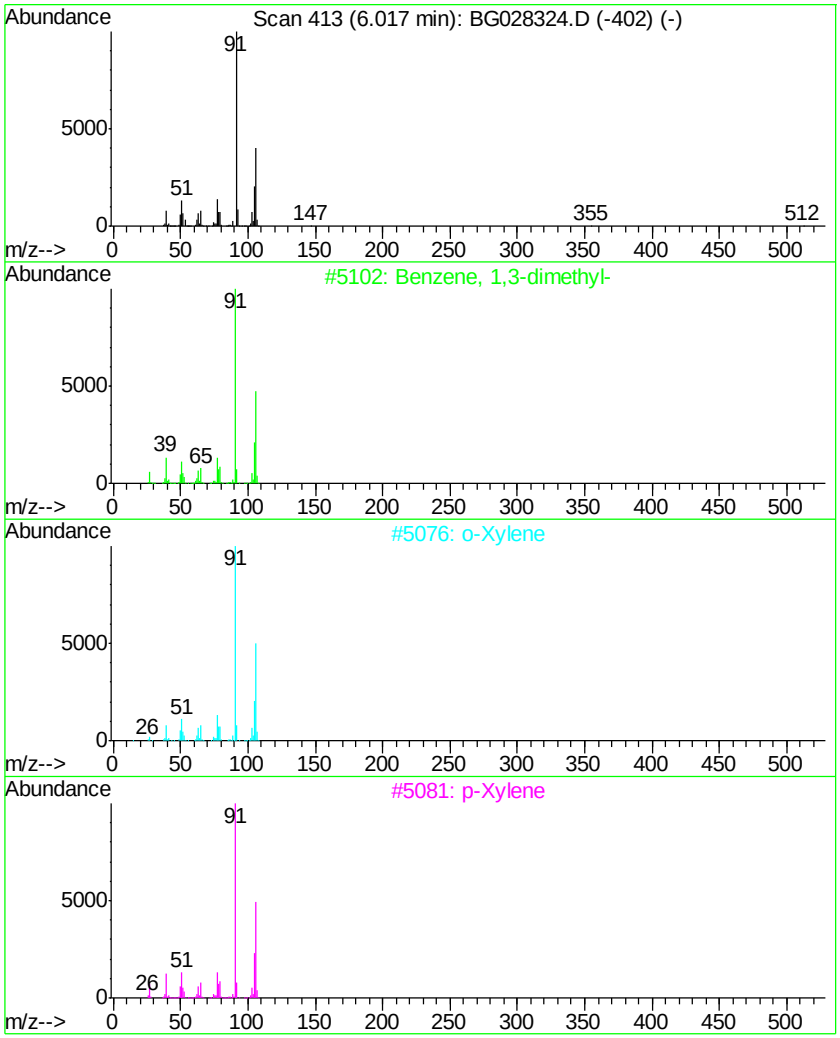
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

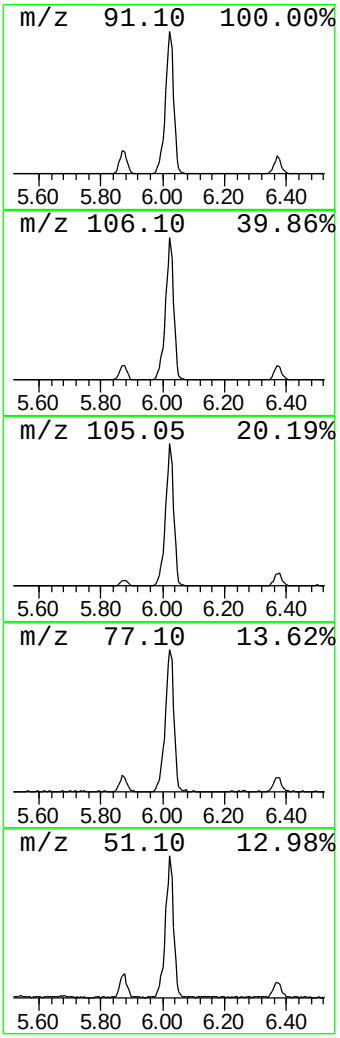
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	63.99 ng/ul	1296310	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	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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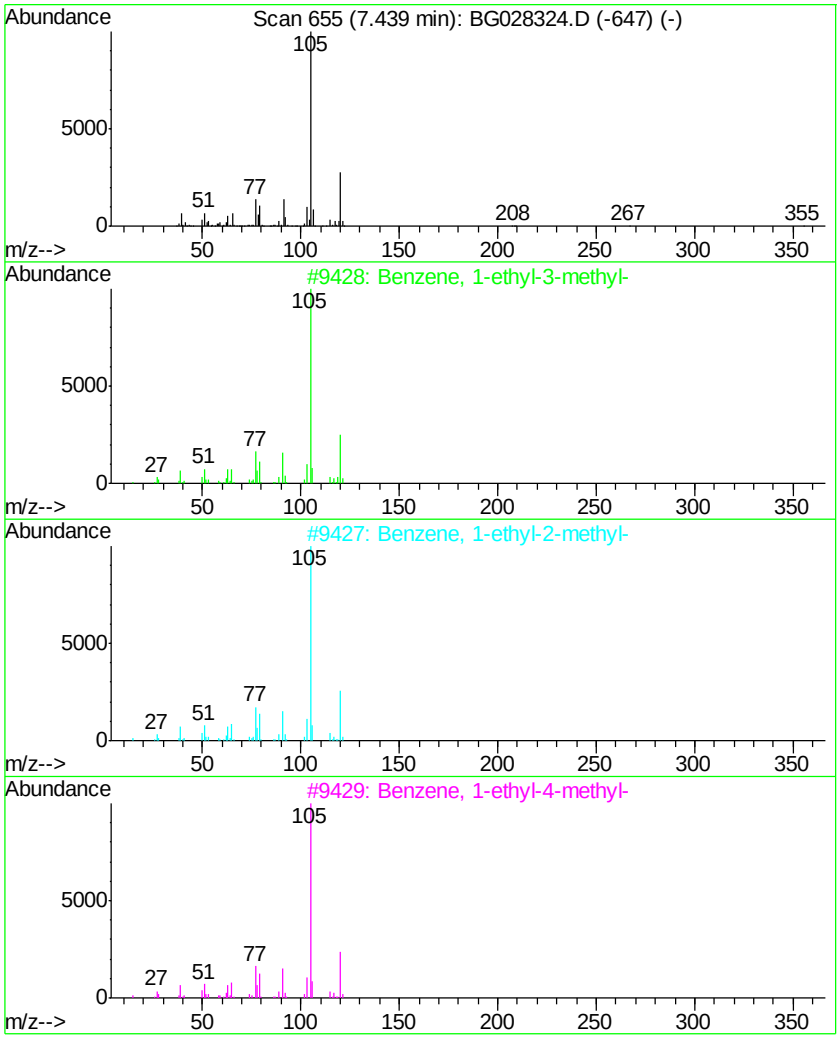
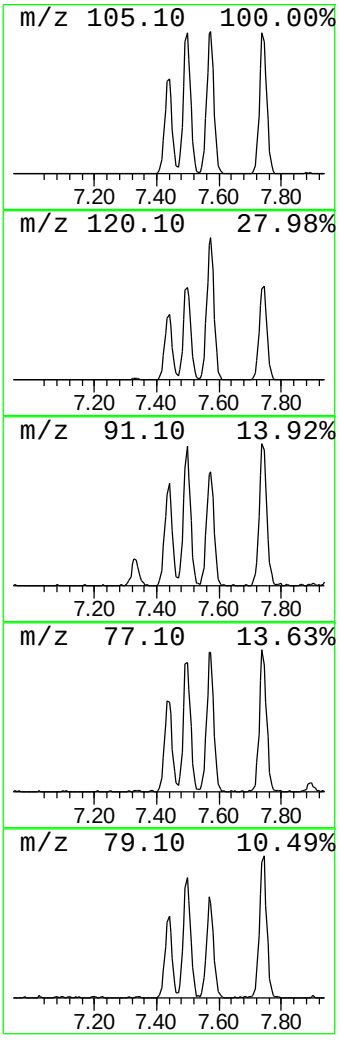
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	31.41 ng/ul	636284	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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

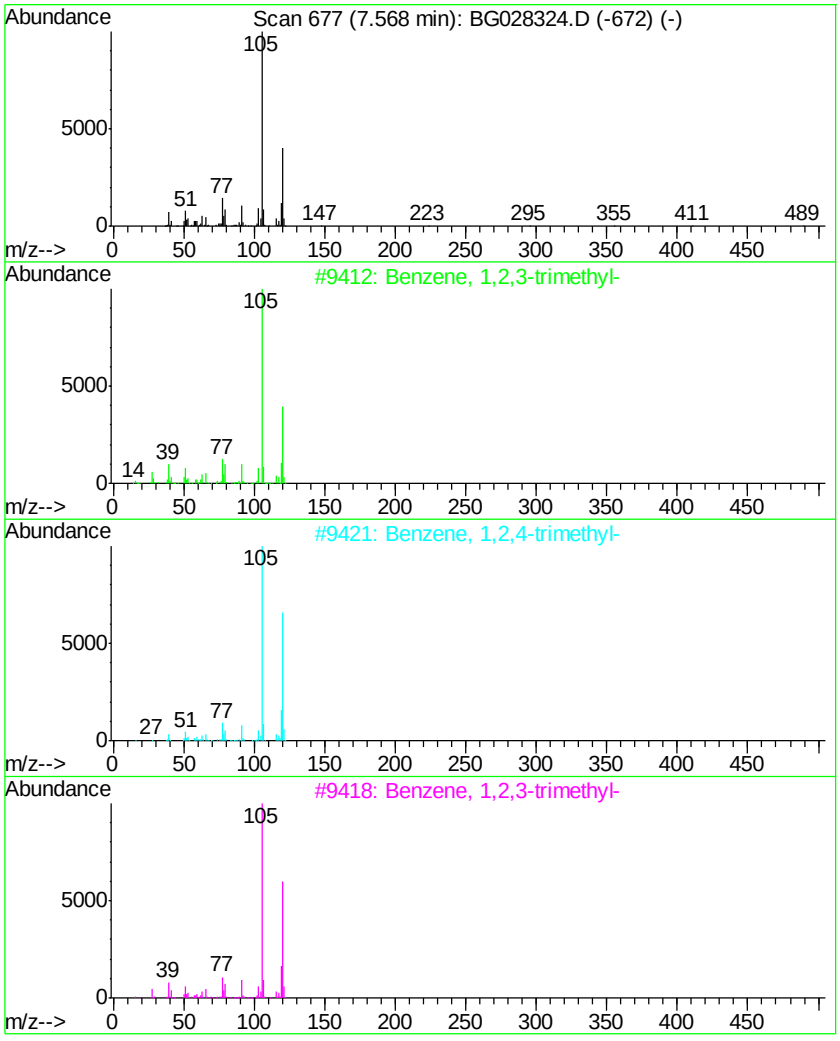
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

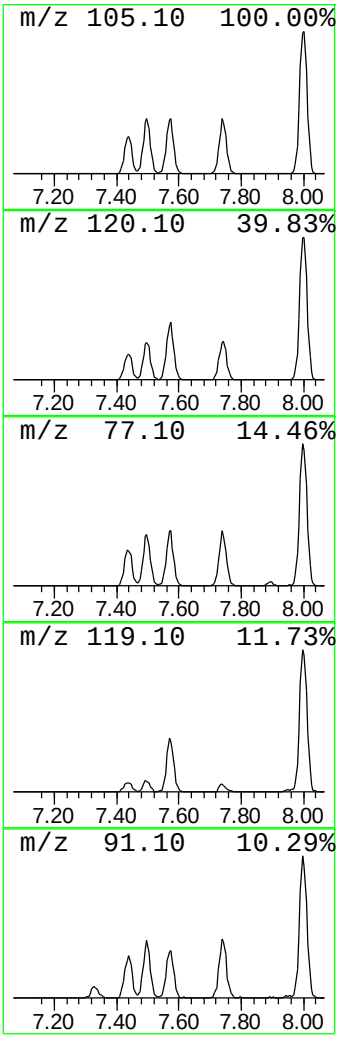
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	49.14 ng/ul	995444	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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

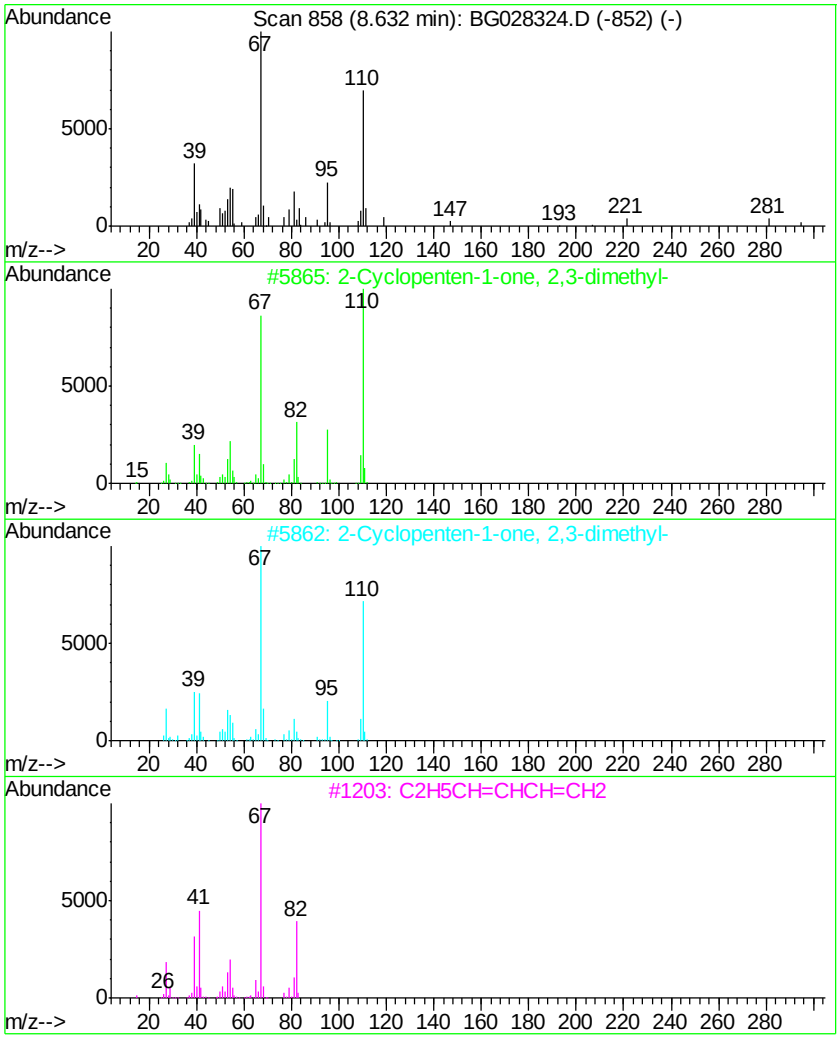
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

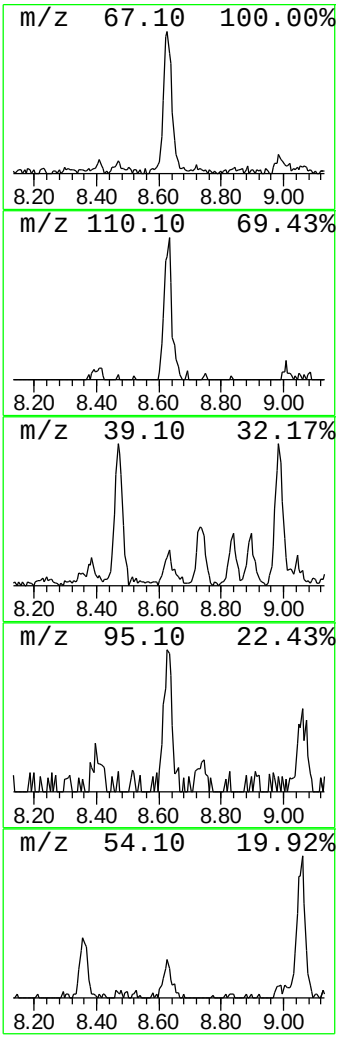
****

Peak Number 10 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.81 ng/ul	97475	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	90
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	80
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	43
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	43
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	43





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Operator : SJ/JU
Sample : I4630-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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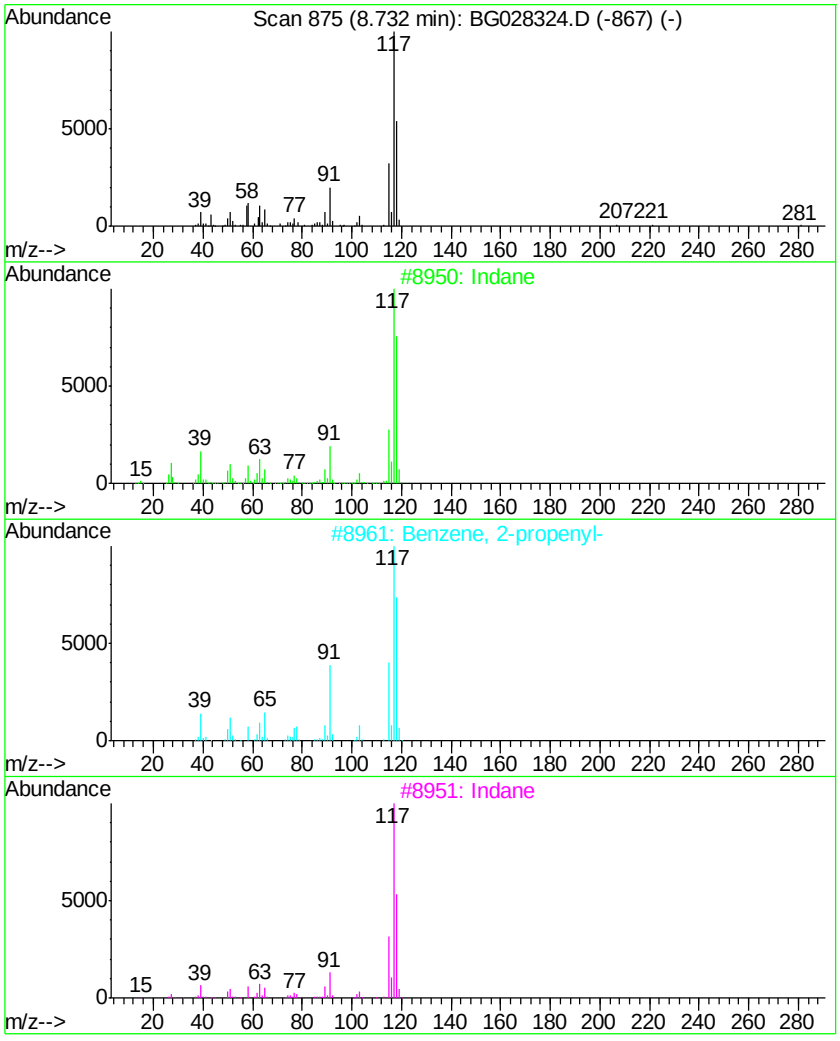
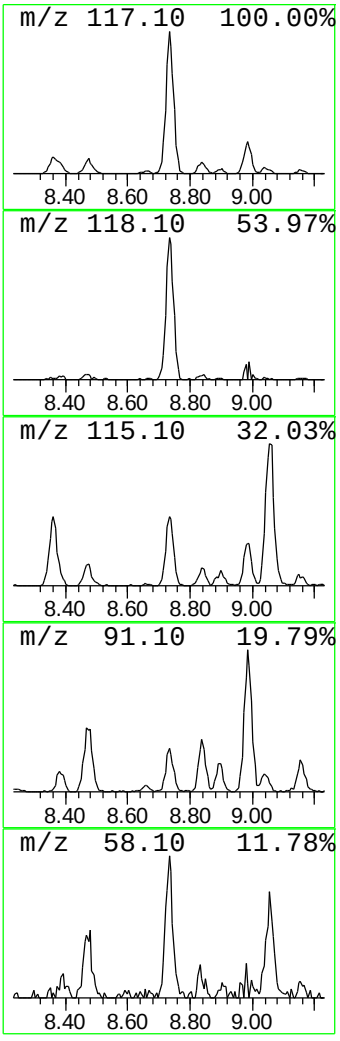
Peak Number 11 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	15.72 ng/ul	318506	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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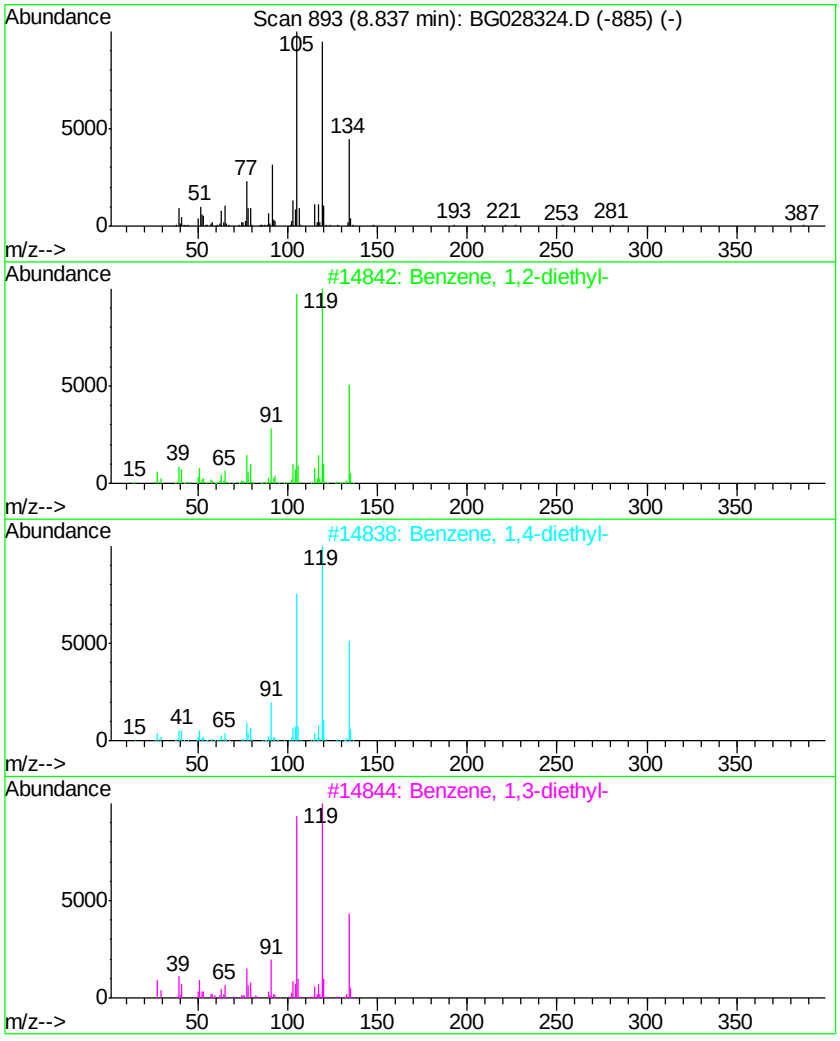
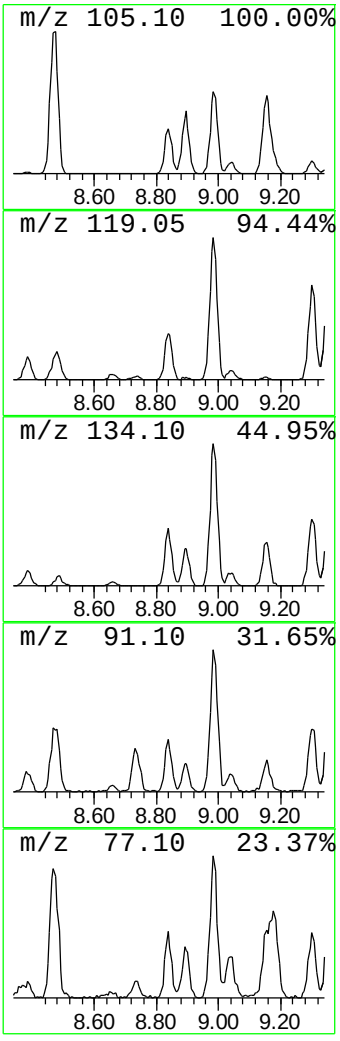
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	15.26 ng/ul	309121	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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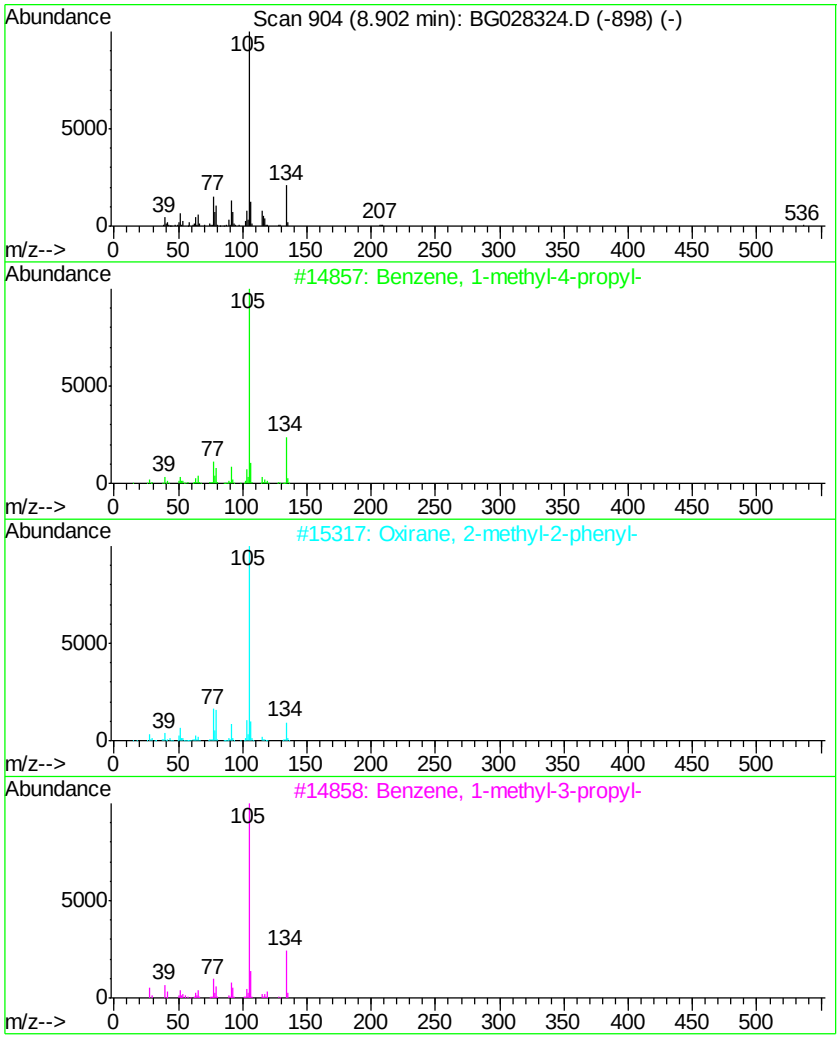
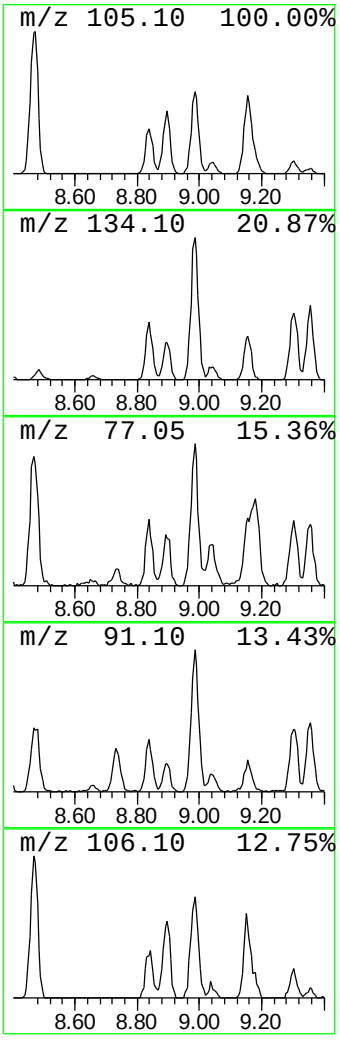
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	11.45 ng/ul	231866	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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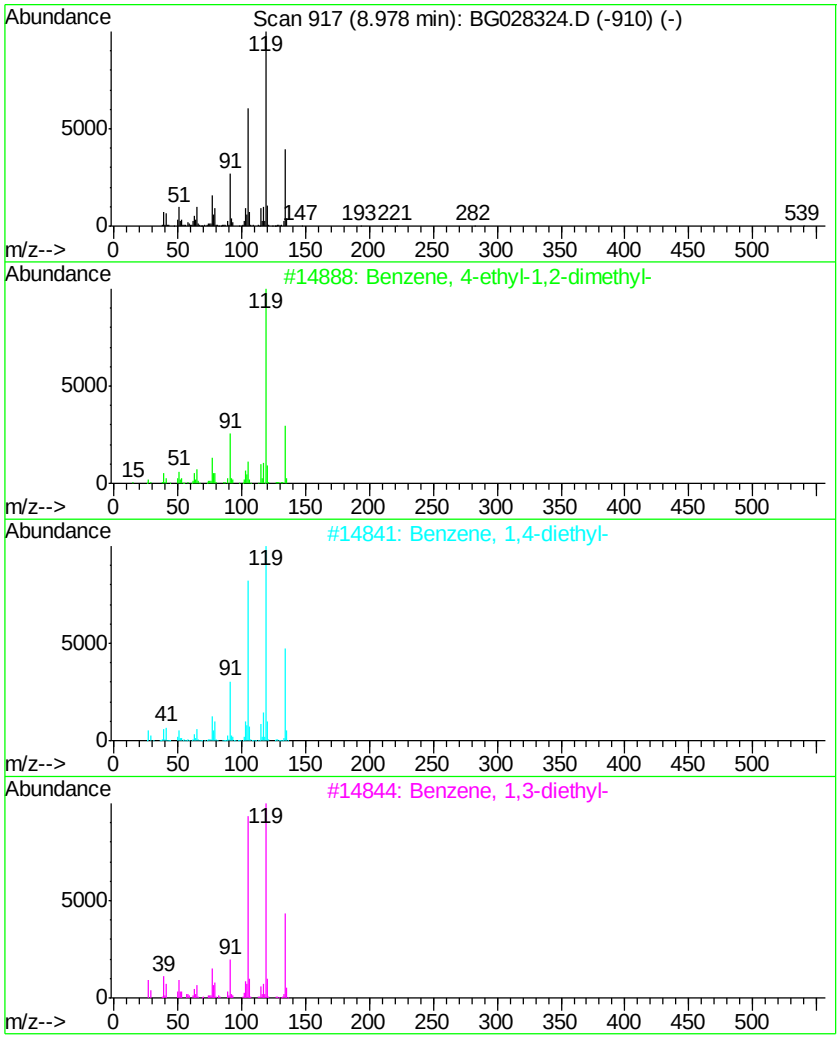
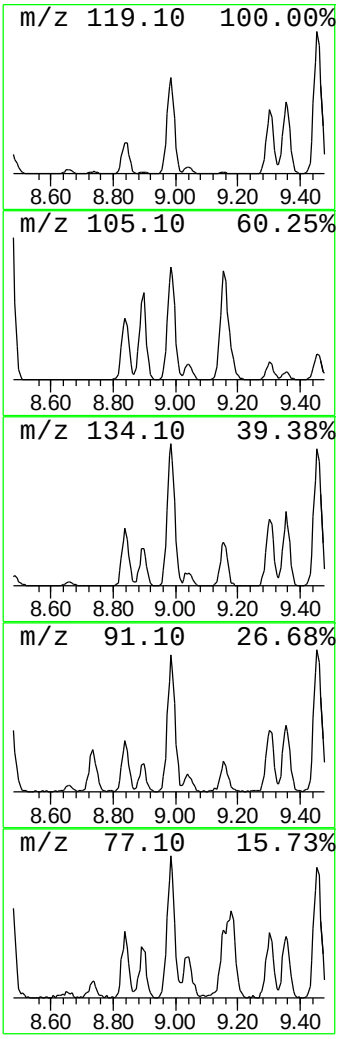
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	40.39 ng/ul	818189	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	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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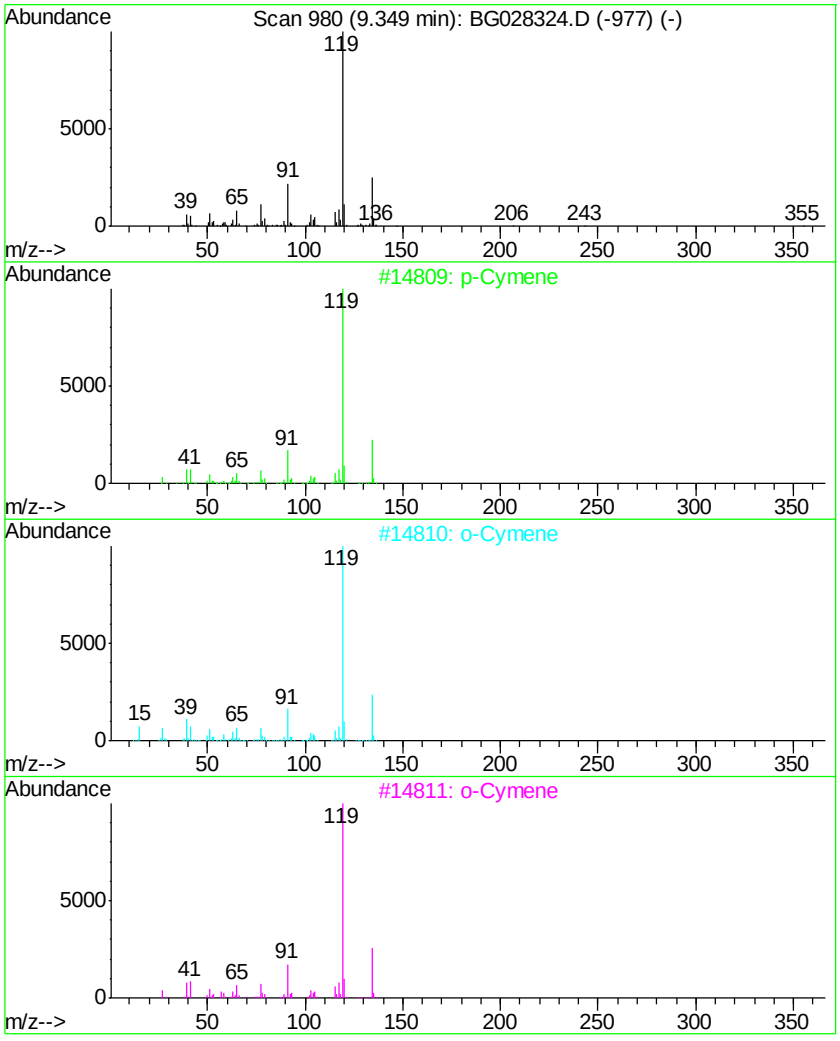
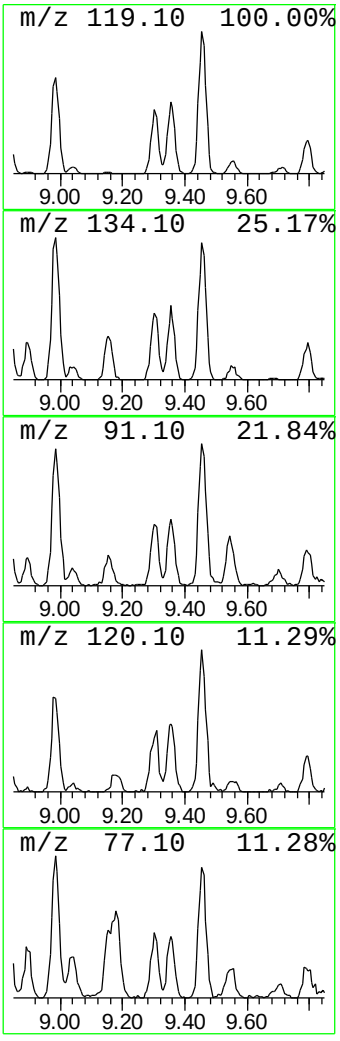
Peak Number 16 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	18.33 ng/ul	371411	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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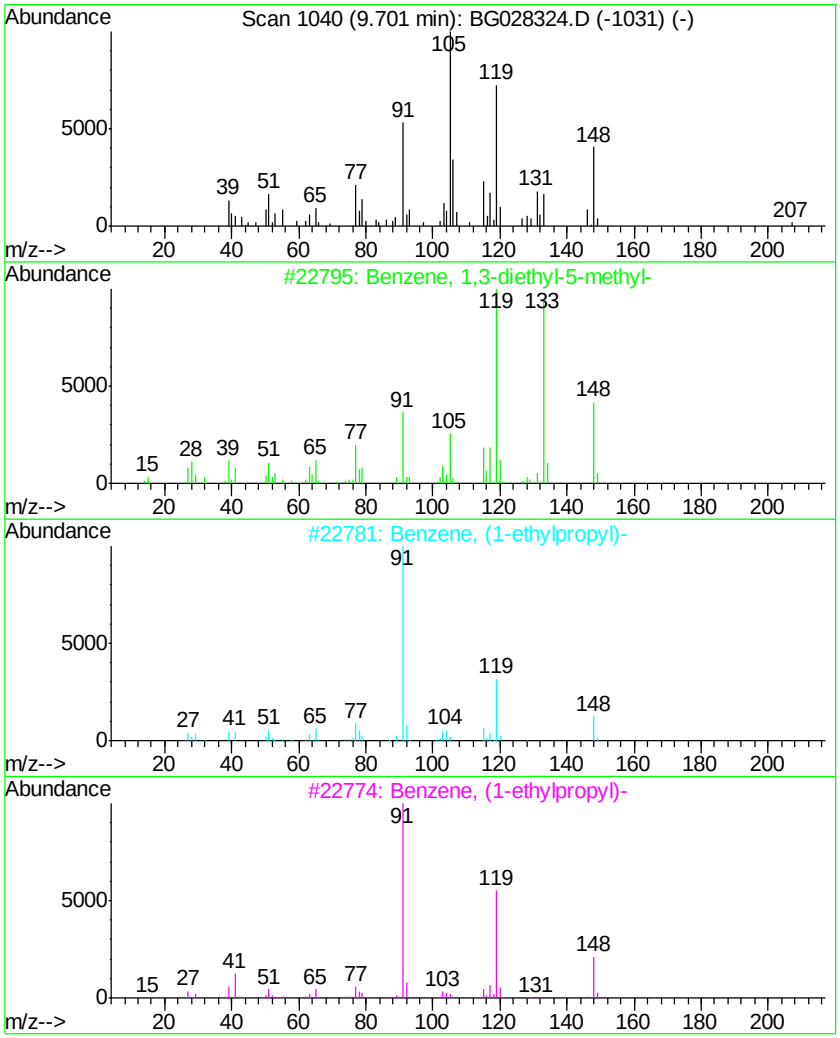
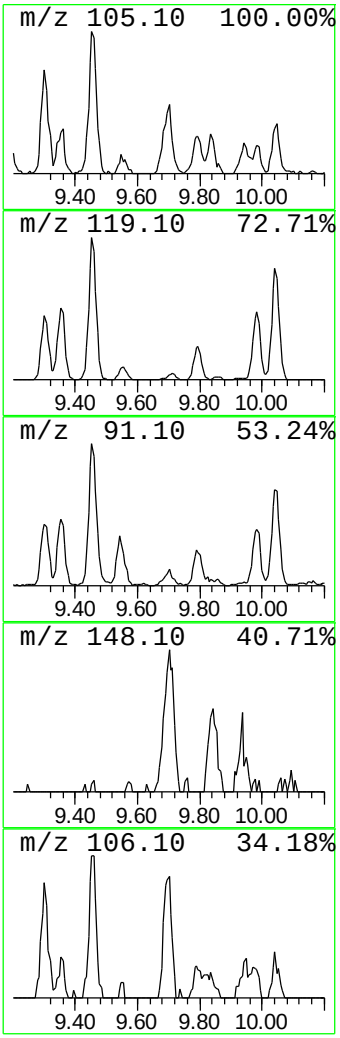
Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.84 ng/ul	98079	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	49
3	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	46
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
5	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	46





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Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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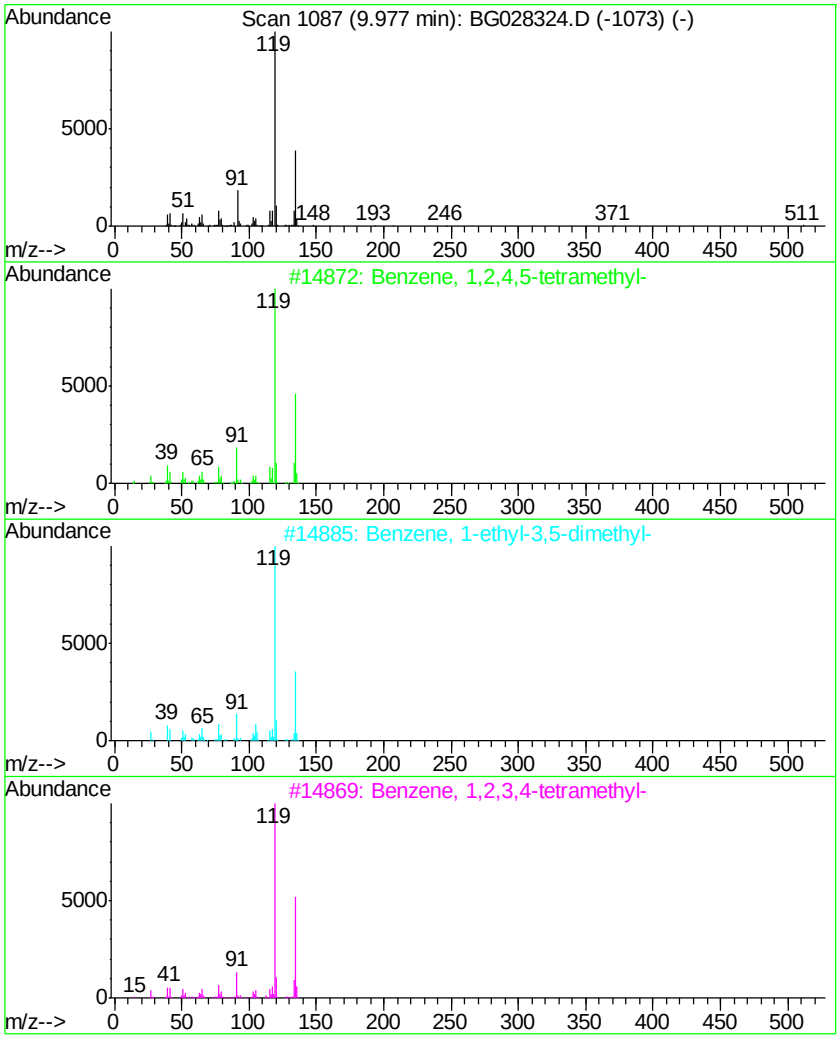
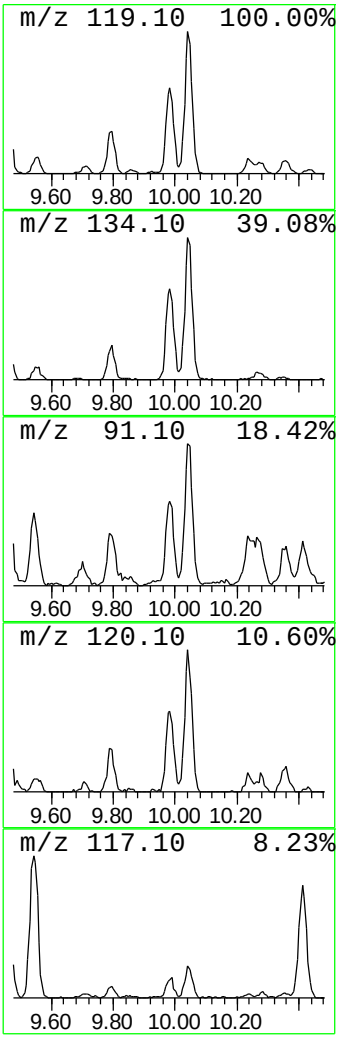
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	12.20 ng/ul	419567	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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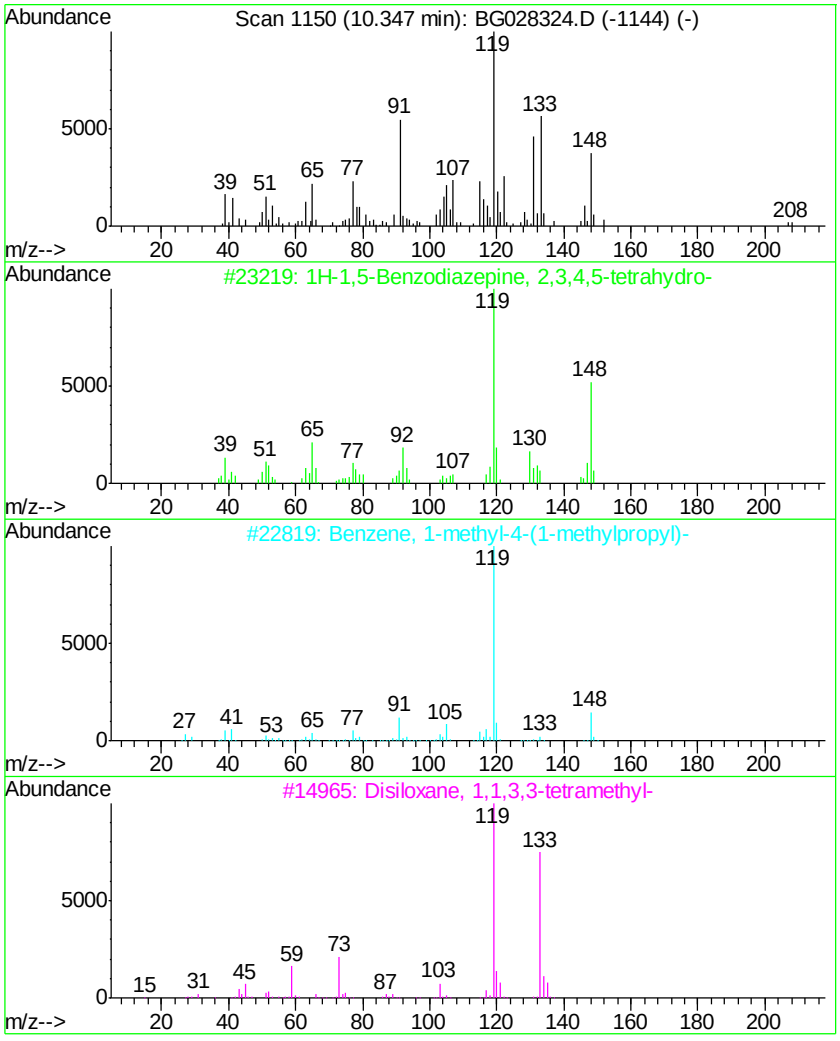
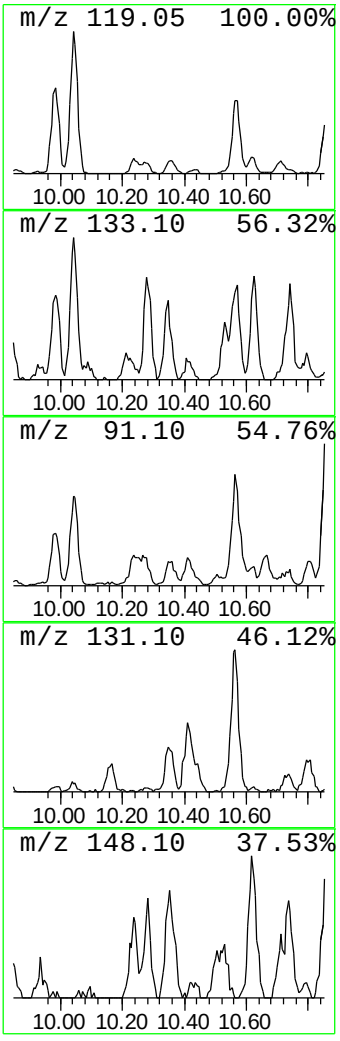
Peak Number 22 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.46 ng/ul	187691	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	47
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	45
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	43
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	38
5	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	38





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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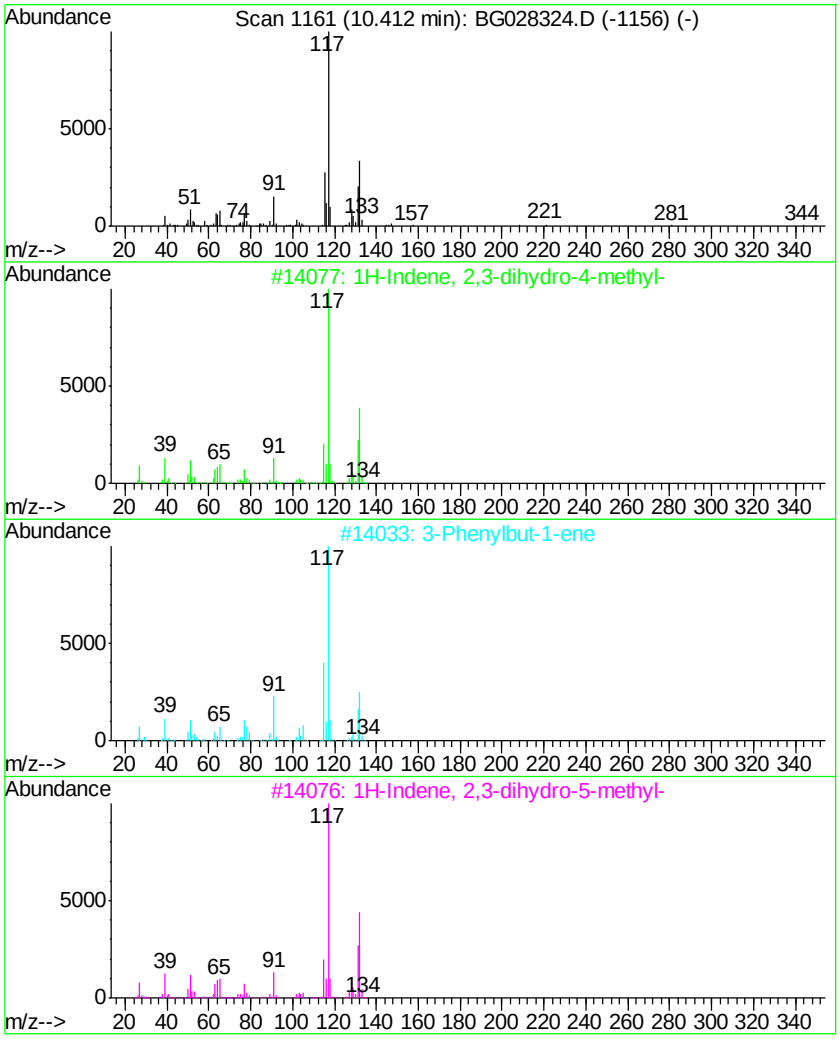
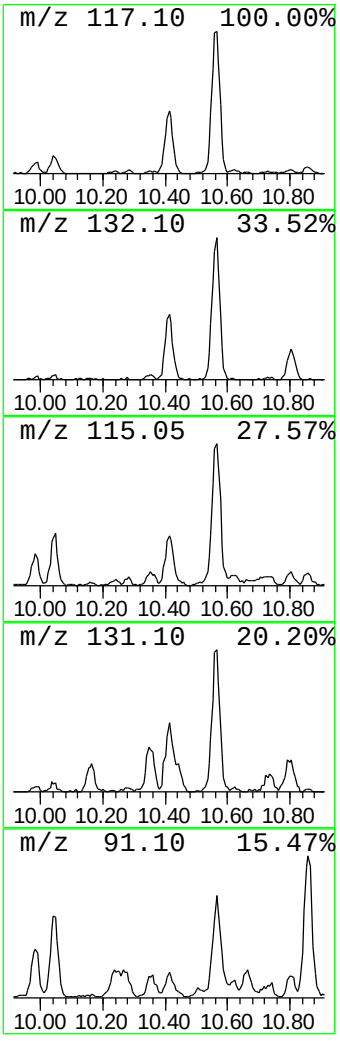
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	7.62 ng/ul	262234	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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Quant Title : SVOA CALIBRATION

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

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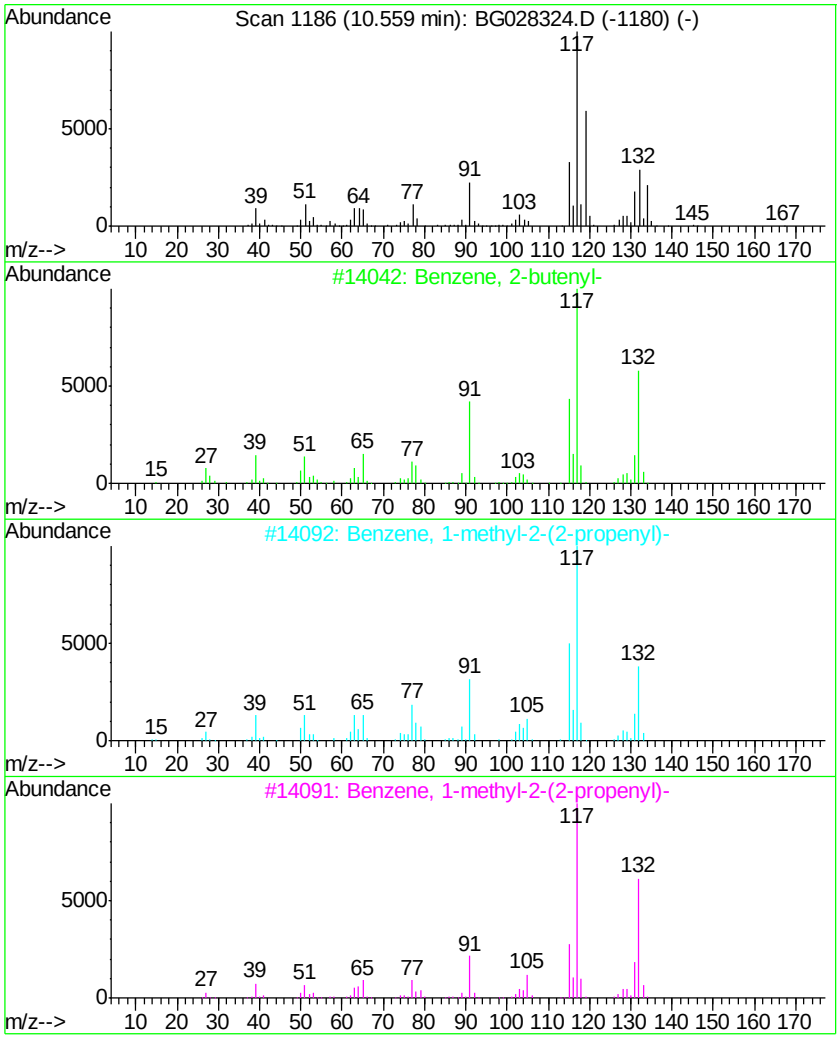
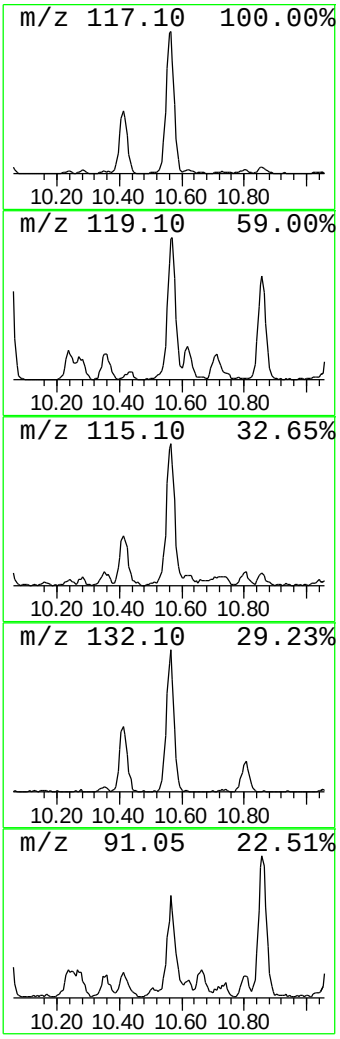
Peak Number 25 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	26.19 ng/ul	900705	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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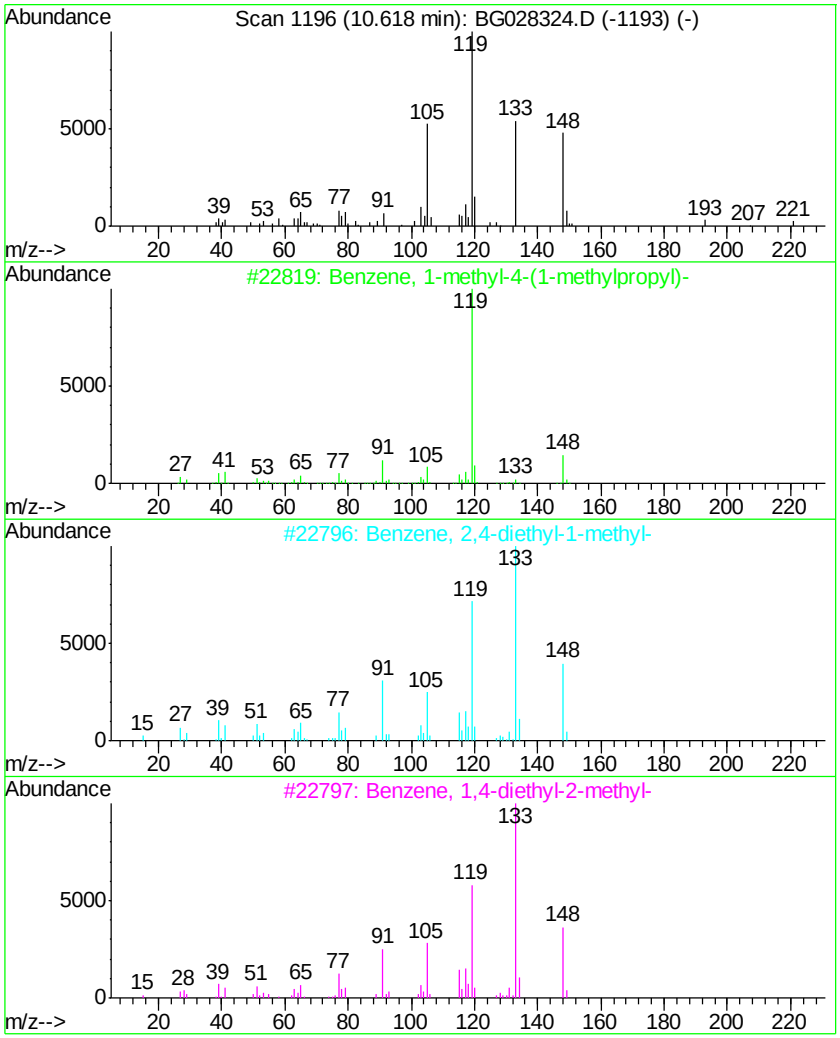
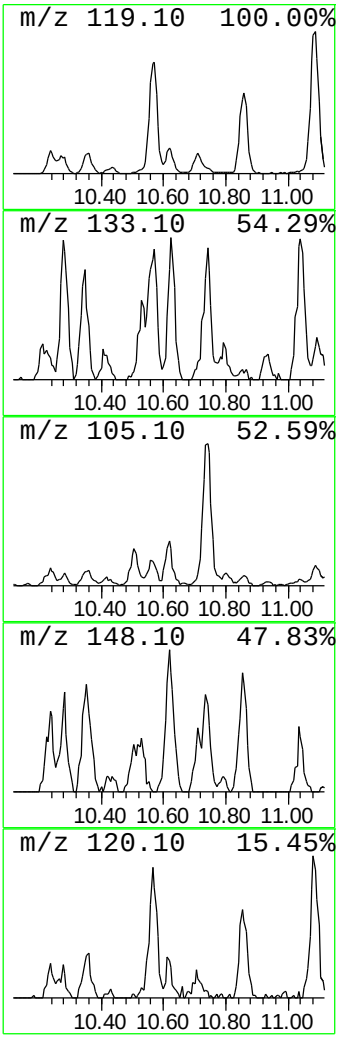
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.93 ng/ul	100734	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	50
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	50
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	43





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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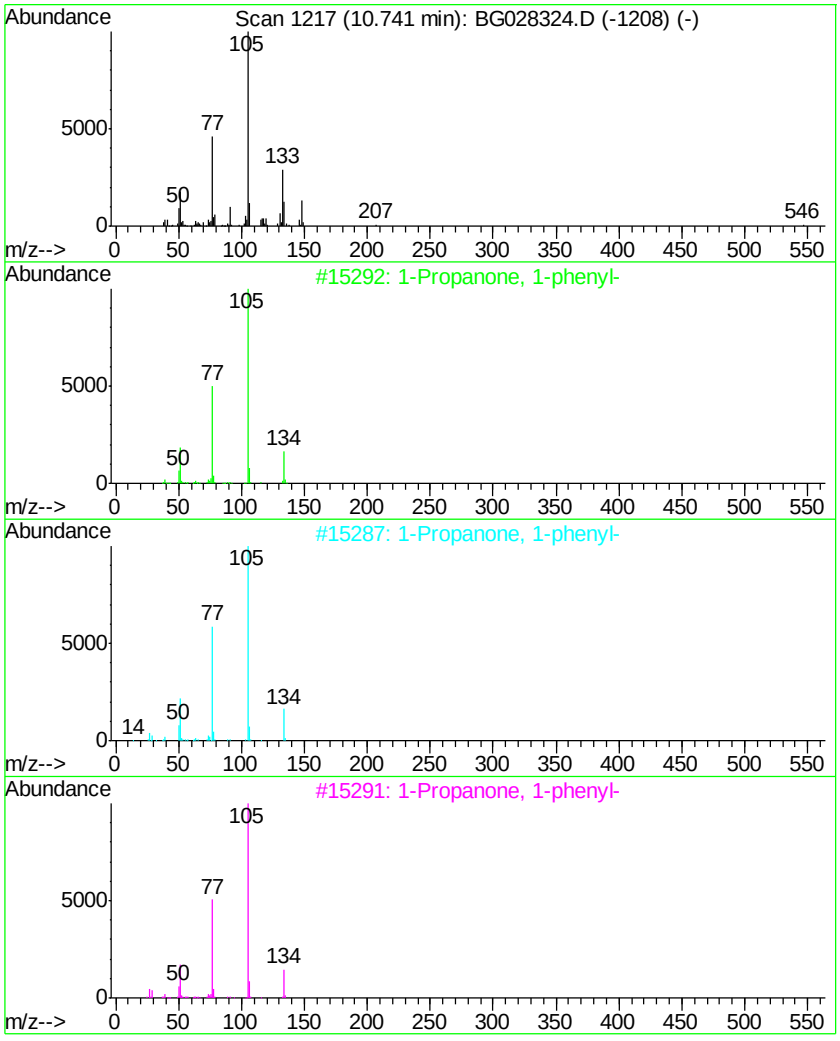
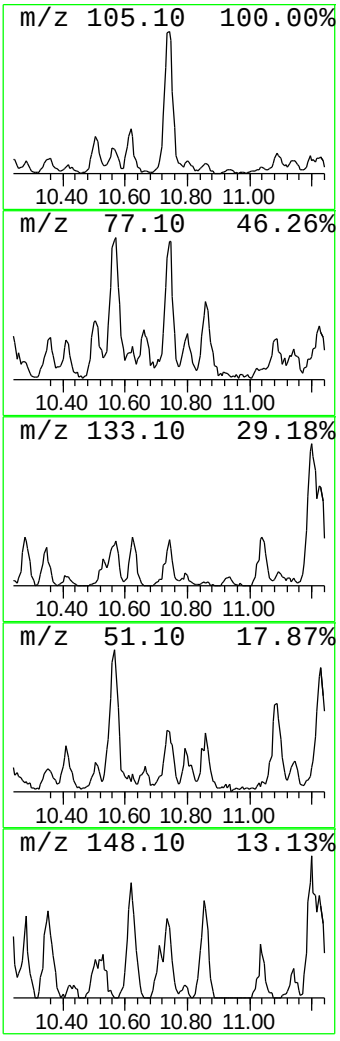
Peak Number 28 1-Propanone, 1-phenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.06 ng/ul	174106	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	60
2	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	60
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	60
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	49
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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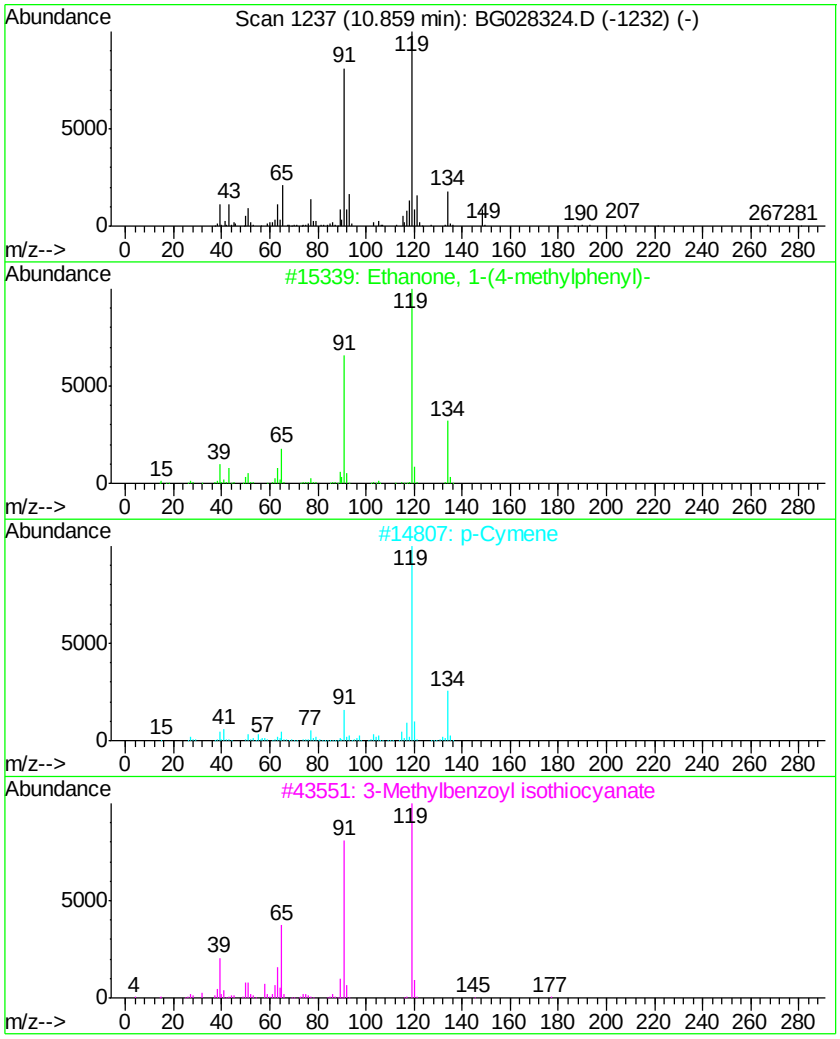
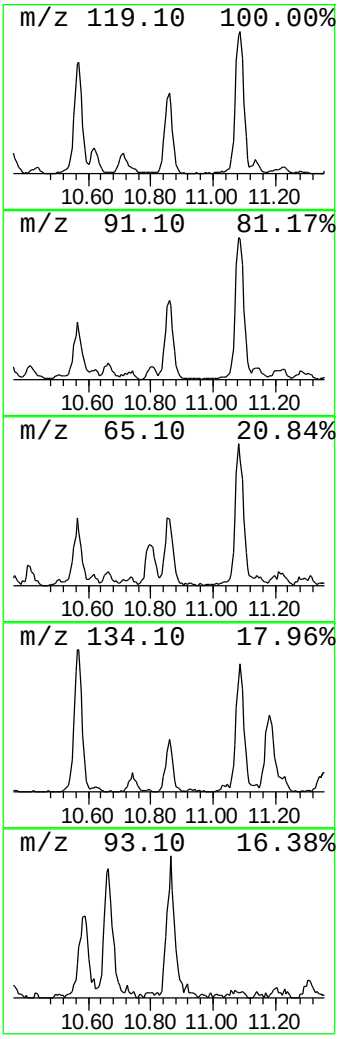
Peak Number 29 Ethanone, 1-(4-methylphenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	12.04 ng/ul	414240	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	76
2	p-Cymene	134	C10H14	000099-87-6	58
3	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	53
4	3-Methylbenzoylhydrazide	150	C8H10N2O	013050-47-0	53
5	N-(2,2-Dichloro-1-hydroxy-ethyl)...	247	C10H11Cl2NO2	090283-58-2	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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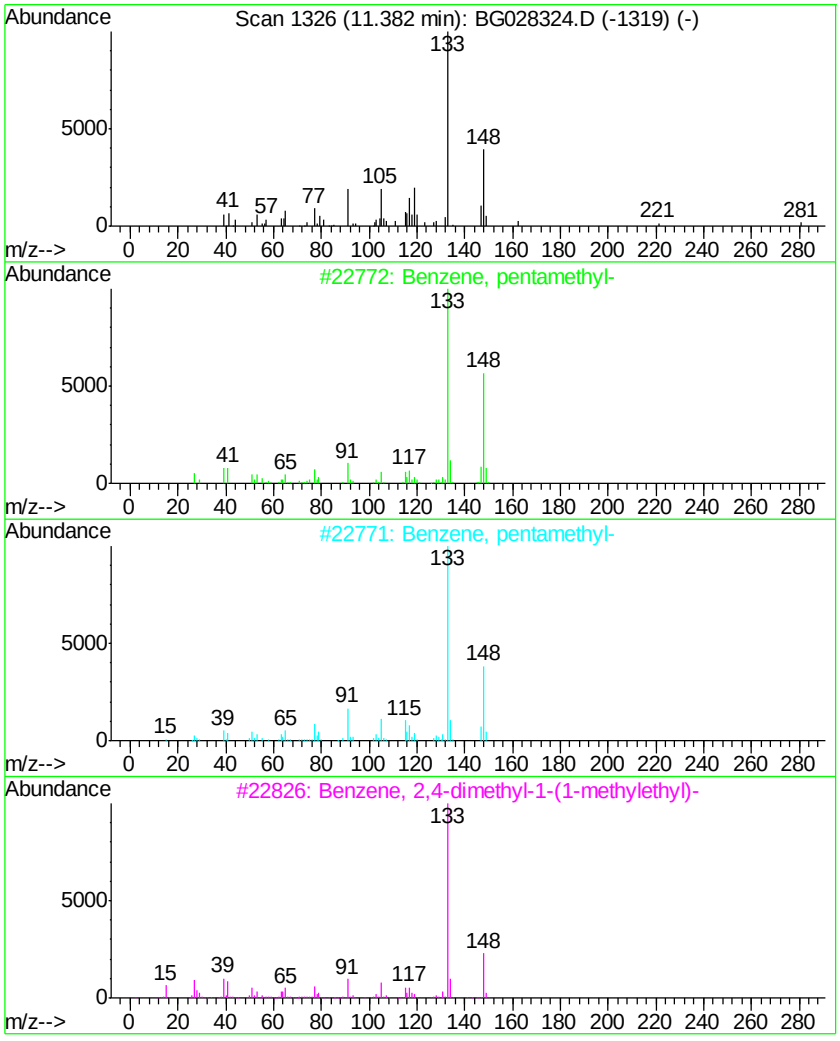
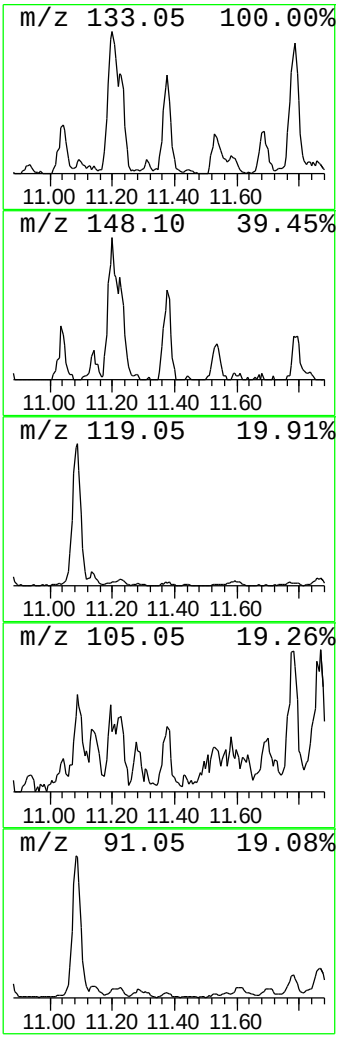
Peak Number 31 Benzene, pentamethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.74 ng/ul	94248	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	83
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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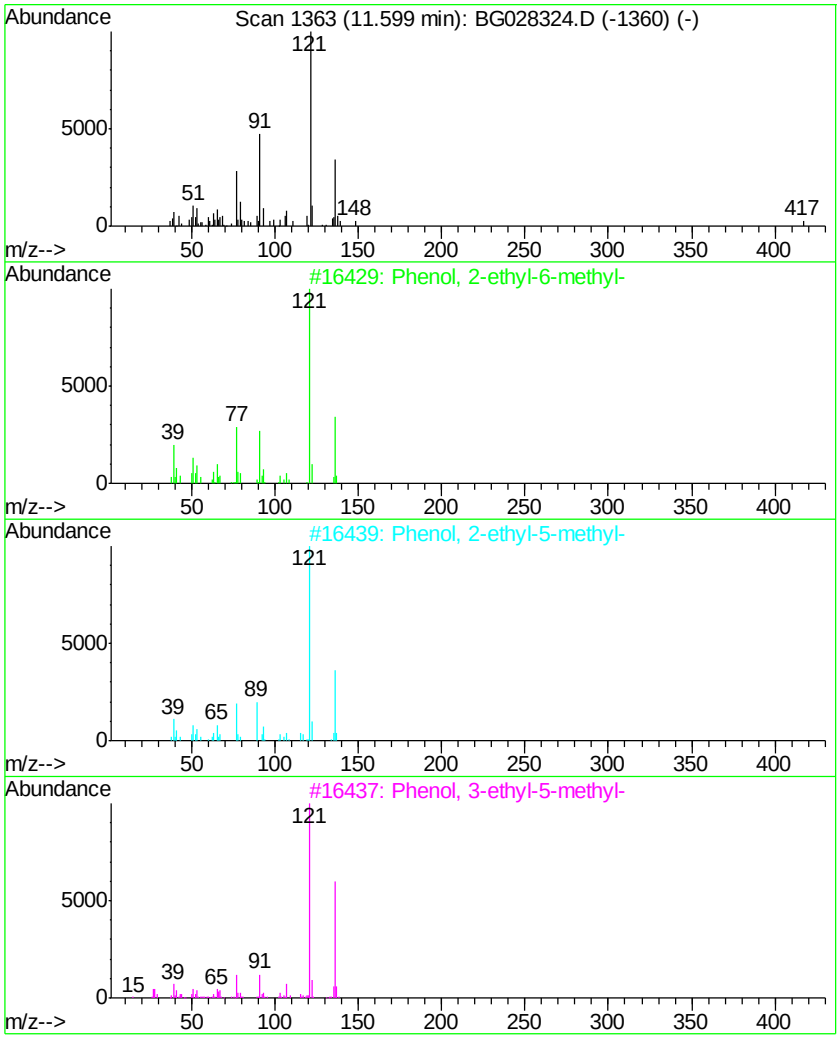
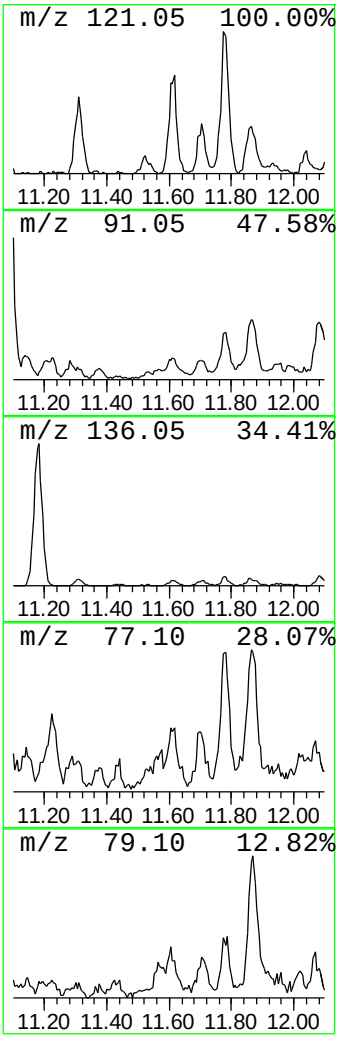
Peak Number 32 Phenol, 2-ethyl-6-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.97 ng/ul	102095	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	86
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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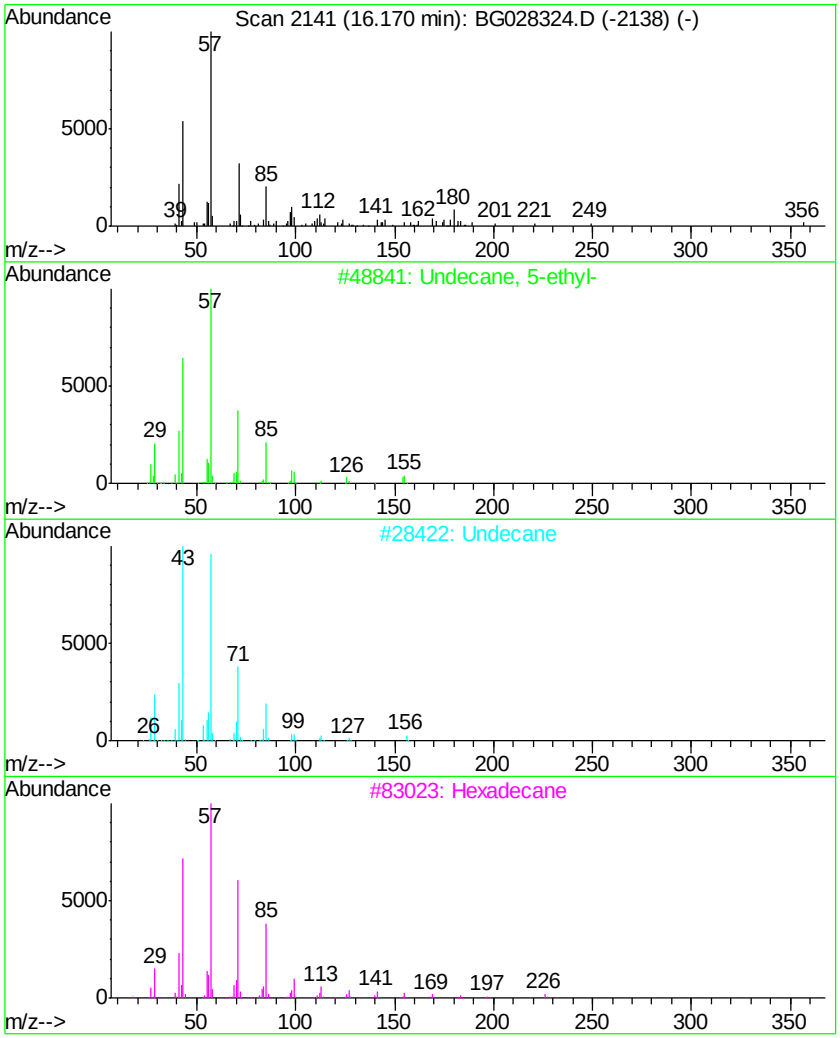
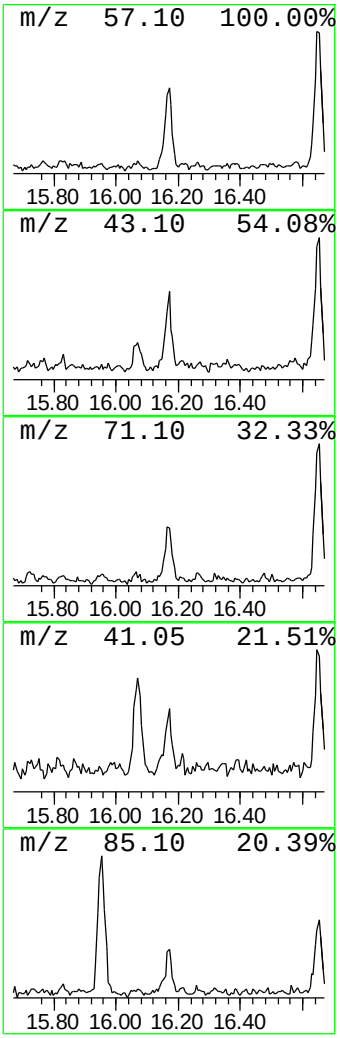
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.36 ng/ul	144956	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
2	Undecane	156	C11H24	001120-21-4	50
3	Hexadecane	226	C16H34	000544-76-3	50
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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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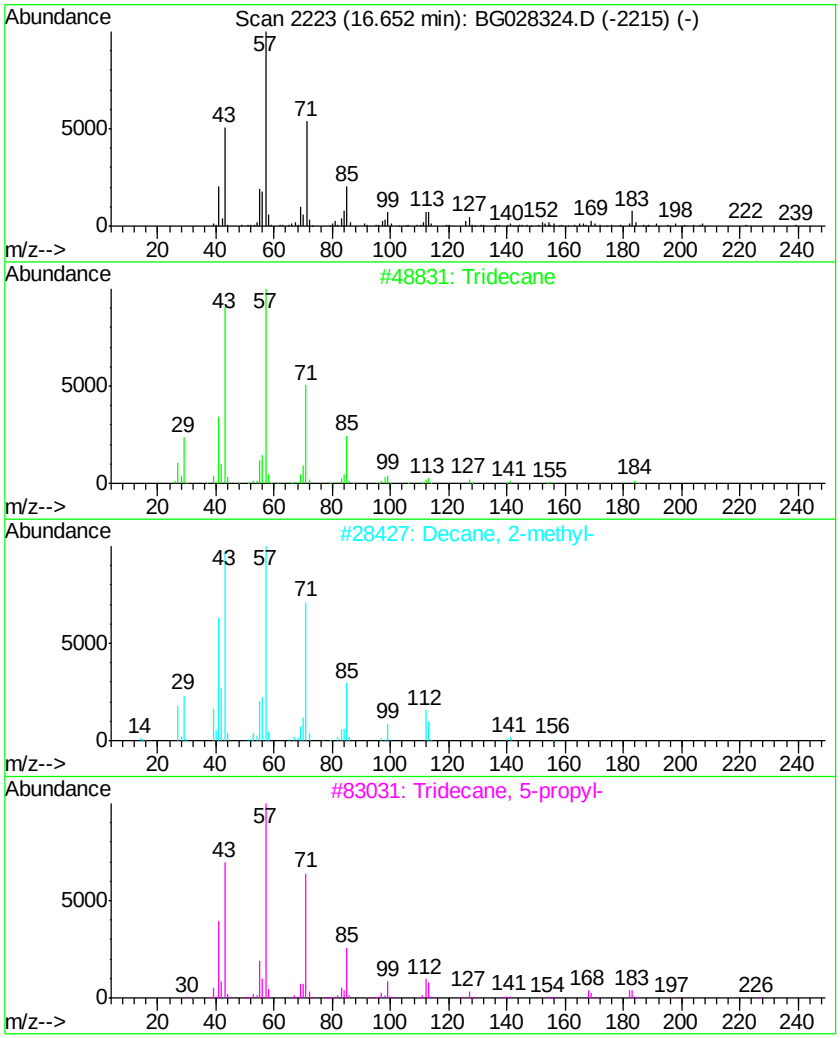
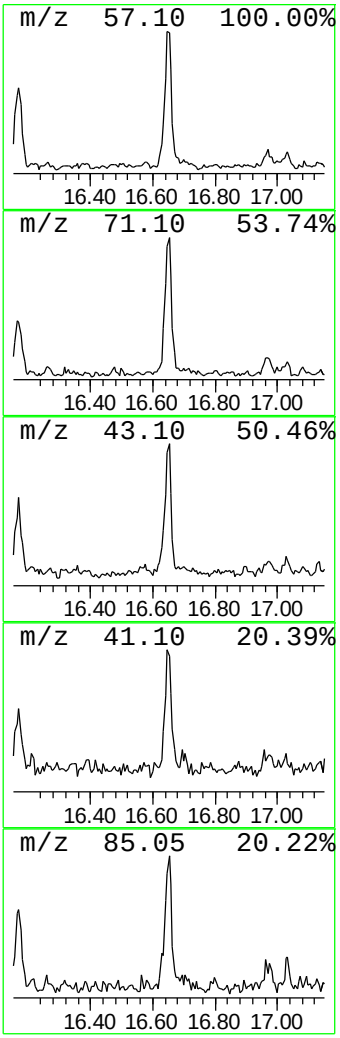
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.75 ng/ul	241830	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028324.D
Acq On : 14 Aug 2017 22:44
Operator : SJ/JU
Sample : I4630-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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
(DEL) Alkane: Str...	4.10	6.1	ng/ul	122752	1	8.36	405162	20.0
Benzene, 1,3-dime...	6.02	64.0	ng/ul	1296310	1	8.36	405162	20.0
Benzene, 1-ethyl-...	7.44	31.4	ng/ul	636284	1	8.36	405162	20.0
Benzene, 1,2,3-tr...	7.57	49.1	ng/ul	995444	1	8.36	405162	20.0
2-Cyclopenten-1-o...	8.63	4.8	ng/ul	97475	1	8.36	405162	20.0
Indane	8.73	15.7	ng/ul	318506	1	8.36	405162	20.0
Benzene, 1,2-diet...	8.84	15.3	ng/ul	309121	1	8.36	405162	20.0
Benzene, 1-methyl...	8.90	11.4	ng/ul	231866	1	8.36	405162	20.0
Benzene, 4-ethyl-...	8.98	40.4	ng/ul	818189	1	8.36	405162	20.0
p-Cymene	9.35	18.3	ng/ul	371411	1	8.36	405162	20.0
Benzene, 1,3-diet...	9.70	4.8	ng/ul	98079	1	8.36	405162	20.0
Benzene, 1,2,4,5-...	9.98	12.2	ng/ul	419567	2	11.18	687928	20.0
unknown-01	10.35	5.5	ng/ul	187691	2	11.18	687928	20.0
1H-Indene, 2,3-di...	10.41	7.6	ng/ul	262234	2	11.18	687928	20.0
Benzene, 2-butenyl-	10.56	26.2	ng/ul	900705	2	11.18	687928	20.0
Benzene, 1-methyl...	10.62	2.9	ng/ul	100734	2	11.18	687928	20.0
1-Propanone, 1-ph...	10.74	5.1	ng/ul	174106	2	11.18	687928	20.0
Ethanone, 1-(4-me...	10.86	12.0	ng/ul	414240	2	11.18	687928	20.0
Benzene, pentamet...	11.38	2.7	ng/ul	94248	2	11.18	687928	20.0
Phenol, 2-ethyl-6...	11.60	3.0	ng/ul	102095	2	11.18	687928	20.0
(DEL) Alkane: Str...	16.17	3.4	ng/ul	144956	3	14.97	862552	20.0
(DEL) Alkane: Str...	16.65	4.8	ng/ul	241830	4	17.72	1017450	20.0