LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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	3.110	39	46	71	rBV	8907497	18828770	71.58%	10.674%
2	4.238	231	238	253	rVB	1139622	1812468	6.89%	1.027%
3	5.607	459	471	476	rBV	5948406	12214396	46.43%	6.924%
4	5.730	483	492	504	rVB	2626354	7212355	27.42%	4.089%
5	6.106	544	556	570	rVB	3745645	6687658	25.42%	3.791%
6	6.577	627	636	644	rBV	450292	717466	2.73%	0.407%
7	7.070	713	720	725	rBV	195172	326489	1.24%	0.185%
8	7.182	730	739	744	rVV	1451656	2423456	9.21%	1.374%
9	7.240	744	749	756	rVV	1218734	1960876	7.45%	1.112%
10	7.317	756	762	772	rVB	300787	510954	1.94%	0.290%
11	7.481	785	790	796	rVV	436341	727866	2.77%	0.413%
12	7.752	829	836	844	rVV2	1632340	3652892	13.89%	2.071%
13	7.822	844	848	854	rVB	132707	214177	0.81%	0.121%
14	8.104	888	896	899	rBV2	193421	385290	1.46%	0.218%
15	8.139	899	902	906	rVV	132453	229766	0.87%	0.130%
16	8.222	910	916	922	rVV	830090	1546218	5.88%	0.877%
17	8.286	922	927	935	rVB	425967	747825	2.84%	0.424%
18	8.404	935	947	953	rBV	209297	469968	1.79%	0.266%
19	8.504	953	964	970	rVV	4689423	9754205	37.08%	5.530%
20	8.609	977	982	984	rVV	268386	406545	1.55%	0.230%
21	8.674	984	993	998	rVV	4419516	9789160	37.21%	5.549%
22	8.739	998	1004	1011	rVV	318768	647782	2.46%	0.367%
23	9.050	1050	1057	1062	rBV2	117538	220808	0.84%	0.125%
24	9.209	1078	1084	1089	rVV	496033	842872	3.20%	0.478%
25	9.291	1089	1098	1105	rVV2	364374	821065	3.12%	0.465%
26	9.391	1105	1115	1121	rVV3	111956	363022	1.38%	0.206%
27	9.479	1124	1130	1133	rVV3	116637	241050	0.92%	0.137%
28	9.532	1133	1139	1145	rVV2	556979	970442	3.69%	0.550%
29	9.796	1178	1184	1191	rVB2	257005	463536	1.76%	0.263%
30	9.884	1191	1199	1206	rBV3	201342	453737	1.72%	0.257%
31	10.008	1213	1220	1228	rBV2	240023	502480	1.91%	0.285%
32	10.096	1228	1235	1241	rBV	599029	1103743	4.20%	0.626%
33	10.161	1241	1246	1261	rVB	556740	956170	3.63%	0.542%
34	10.349	1264	1278	1284	rBV3	1348812	3738637	14.21%	2.119%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

35	10.425	1284	1291	1296	rBV2	1704637	4213707	16.02%	2.389%
36	10.554	1306	1313	1320	rBV3	302517	651961	2.48%	0.370%
37	10.625	1320	1325	1334	rVB	291102	539766	2.05%	0.306%
38	10.772	1334	1350	1352	rBV3	147762	379266	1.44%	0.215%
39	11.042	1366	1396	1404	rBV	7070433	26305940	100.00%	14.913%
40	11.112	1404	1408	1415	rVB	588307	978714	3.72%	0.555%
41	11.277	1429	1436	1442	rBV	178860	362704	1.38%	0.206%
42	11.359	1442	1450	1459	rBV	99942	217522	0.83%	0.123%
43	11.453	1459	1466	1470	rVV	555421	1080188	4.11%	0.612%
44	11.500	1470	1474	1484	rVB3	338812	650632	2.47%	0.369%
45	11.753	1509	1517	1528	rBV3	319231	840913	3.20%	0.477%
46	11.941	1541	1549	1554	rBV2	292197	678772	2.58%	0.385%
47	12.000	1554	1559	1566	rVB4	247527	545020	2.07%	0.309%
48	12.105	1571	1577	1589	rVB2	279327	657768	2.50%	0.373%
49	12.311	1606	1612	1619	rVB3	473455	897605	3.41%	0.509%
50	12.423	1625	1631	1635	rBV4	120210	239659	0.91%	0.136%
51	12.464	1635	1638	1648	rVB3	187576	387920	1.47%	0.220%
52	12.587	1648	1659	1664	rBV	3434301	6451364	24.52%	3.657%
53	12.805	1682	1696	1703	rBV	2982620	6108825	23.22%	3.463%
54	12.946	1715	1720	1730	rVB7	183505	499880	1.90%	0.283%
55	13.198	1758	1763	1769	rVV2	229105	405274	1.54%	0.230%
56	13.433	1794	1803	1812	rBV6	83608	294347	1.12%	0.167%
57	13.562	1813	1825	1840	rVB	419207	1023278	3.89%	0.580%
58	13.703	1840	1849	1853	rBV2	380853	680920	2.59%	0.386%
59	13.762	1853	1859	1870	rVB	550250	1118039	4.25%	0.634%
60	13.897	1870	1882	1889	rBV4	441677	1594936	6.06%	0.904%
61	14.050	1902	1908	1913	rBV	666437	1224371	4.65%	0.694%
62	14.109	1913	1918	1921	rBV	419181	690453	2.62%	0.391%
63	14.244	1933	1941	1944	rBV2	114223	229085	0.87%	0.130%
64	14.285	1944	1948	1952	rVV	299796	488136	1.86%	0.277%
65	14.426	1965	1972	1974	rBV	320688	574619	2.18%	0.326%
66	14.456	1974	1977	1988	rVB3	496089	928893	3.53%	0.527%
67	14.567	1988	1996	2001	rVB2	307615	613322	2.33%	0.348%
68	14.732	2020	2024	2030	rVV3	257896	468247	1.78%	0.265%
69	14.796	2030	2035	2040	rVV	803897	1249011	4.75%	0.708%
70	14.879	2045	2049	2053	rVV3	148658	301112	1.14%	0.171%
71	14.943	2056	2060	2067	rVV4	205281	594150	2.26%	0.337%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	15.008	2067	2071	2079	rVB2	294933	560795	2.13%	0.318%
73	15.125	2085	2091	2098	rBV4	135792	284041	1.08%	0.161%
74	15.202	2099	2104	2110	rVV4	78417	212355	0.81%	0.120%
75	15.290	2111	2119	2124	rVV	358101	924384	3.51%	0.524%
76	15.349	2126	2129	2133	rVV2	129522	221812	0.84%	0.126%
77	15.401	2134	2138	2145	rVB2	158407	275371	1.05%	0.156%
78	15.589	2166	2170	2179	rVB2	114908	253519	0.96%	0.144%
79	15.719	2187	2192	2197	rBV	468359	760882	2.89%	0.431%
80	15.772	2198	2201	2208	rVB	229849	401767	1.53%	0.228%
81	15.983	2232	2237	2248	rVB6	128050	314334	1.19%	0.178%
82	16.500	2312	2325	2333	rVB4	660989	1893003	7.20%	1.073%
83	16.641	2337	2349	2354	rBV	665849	1781739	6.77%	1.010%
84	16.829	2376	2381	2385	rVB2	142899	225455	0.86%	0.128%
85	17.135	2428	2433	2440	rVB3	148951	291190	1.11%	0.165%
86	17.252	2448	2453	2456	rBV2	164049	285266	1.08%	0.162%
87	17.340	2456	2468	2472	rVV2	726076	1743307	6.63%	0.988%
88	17.381	2472	2475	2486	rVV3	243832	730197	2.78%	0.414%
89	17.476	2486	2491	2494	rVV	340375	681258	2.59%	0.386%
90	17.517	2494	2498	2502	rVV	727238	1575410	5.99%	0.893%
91	17.570	2505	2507	2511	rVV	543210	796823	3.03%	0.452%
92	17.622	2511	2516	2519	rVV3	308259	683662	2.60%	0.388%
93	17.658	2519	2522	2534	rVB4	311887	679265	2.58%	0.385%
94	18.139	2599	2604	2610	rBV2	298050	564918	2.15%	0.320%
95	18.298	2625	2631	2636	rVB5	145779	335445	1.28%	0.190%
96	18.639	2684	2689	2695	rBV4	112275	224954	0.86%	0.128%
97	19.855	2890	2896	2908	rVB2	474113	847982	3.22%	0.481%
98	21.747	3211	3218	3224	rBV	303413	512106	1.95%	0.290%
99	24.790	3726	3736	3749	rVB	265584	712094	2.71%	0.404%
100	25.014	3764	3774	3786	rVB2	179192	517361	1.97%	0.293%

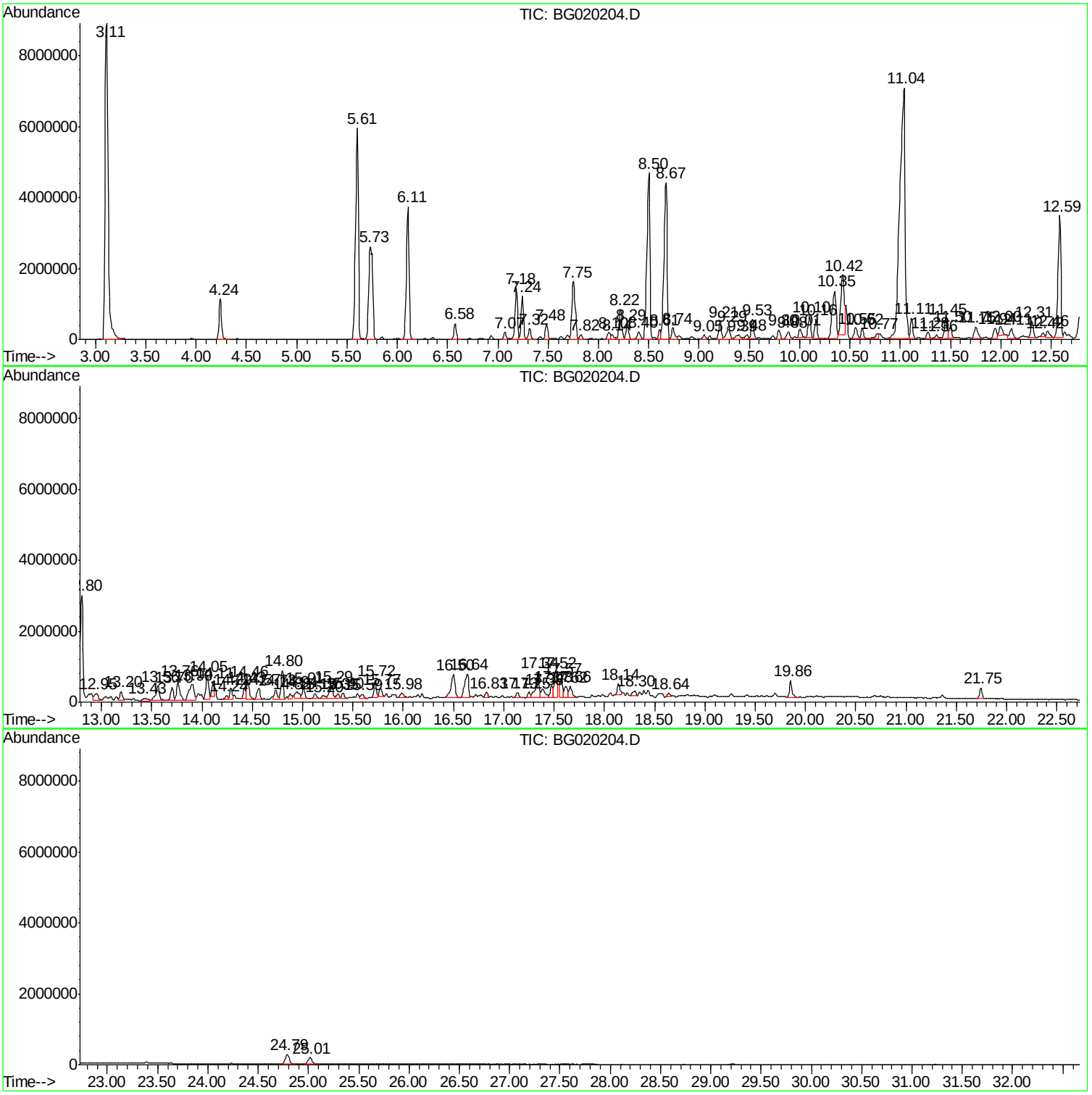
Sum of corrected areas: 176401158

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

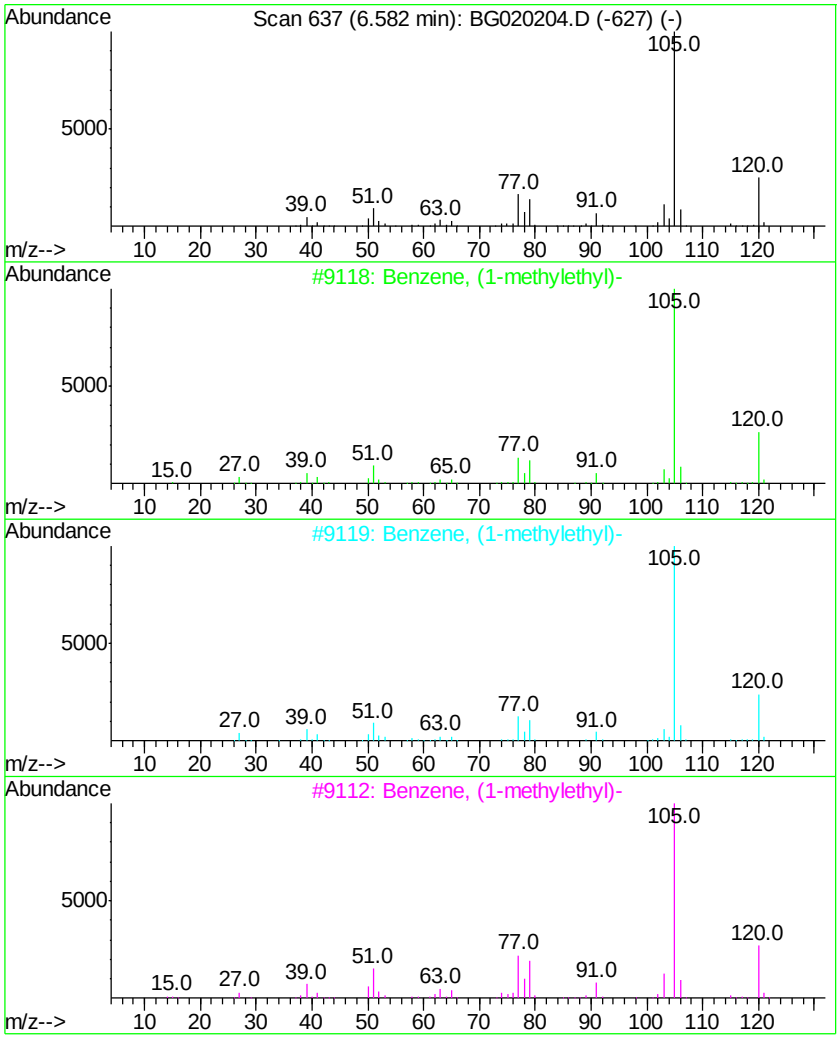
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

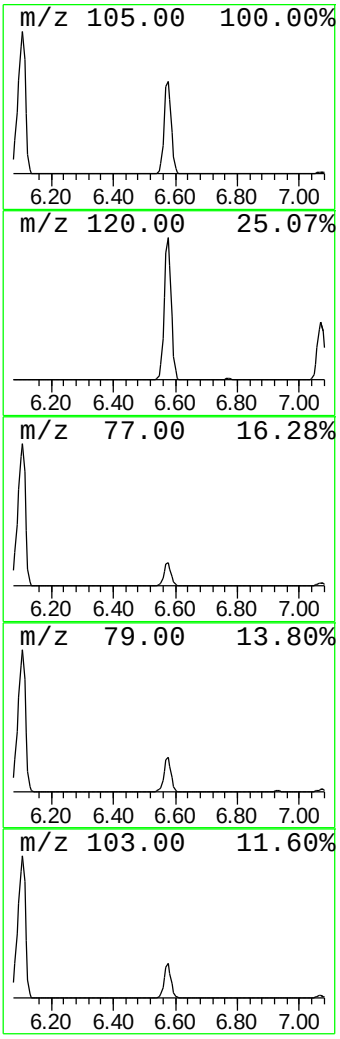
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	37.24 ng/ul	717466	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

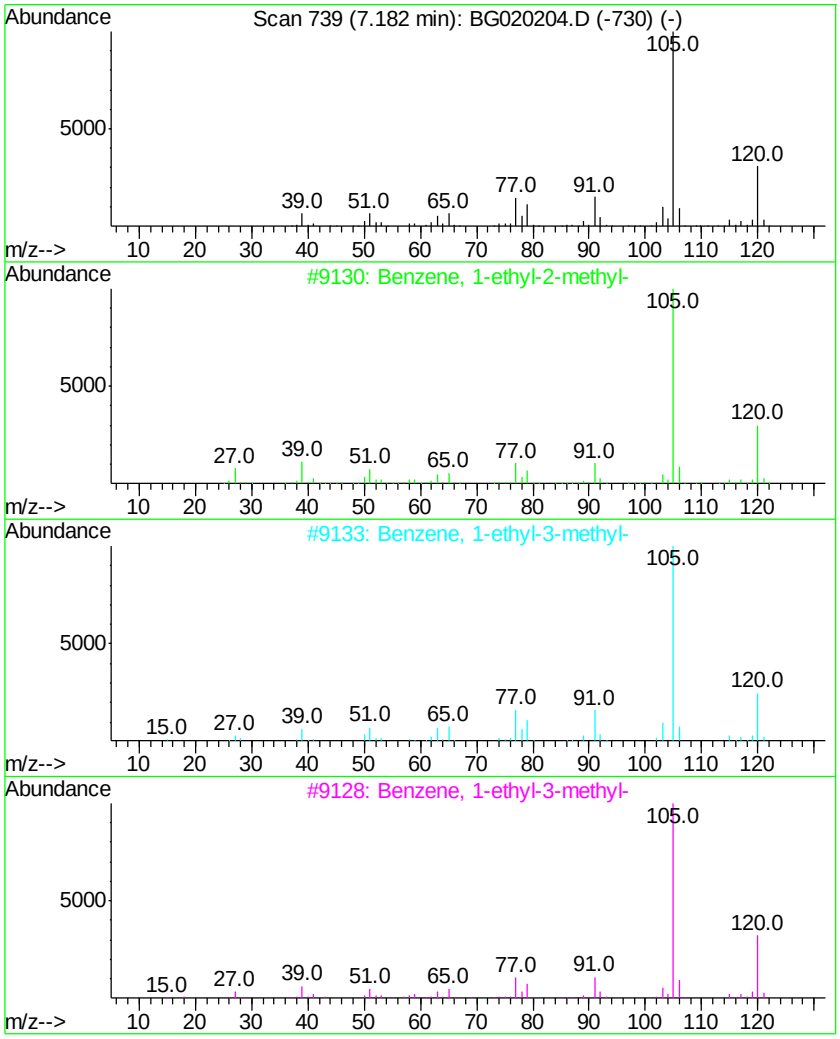
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

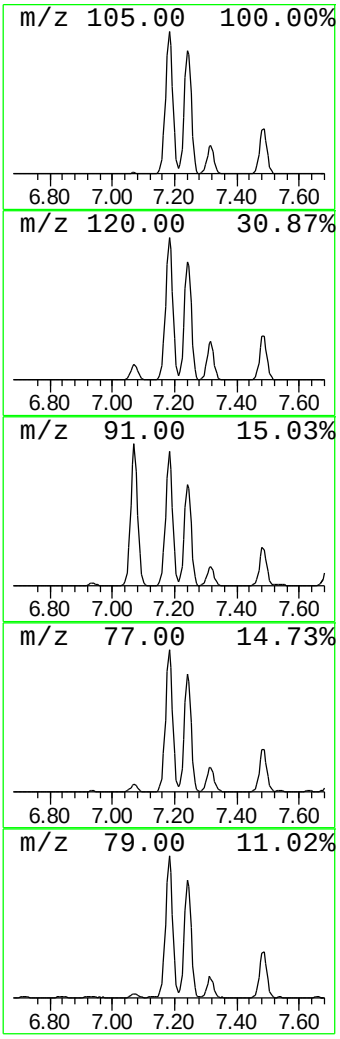
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	125.80 ng/ul	2423460	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

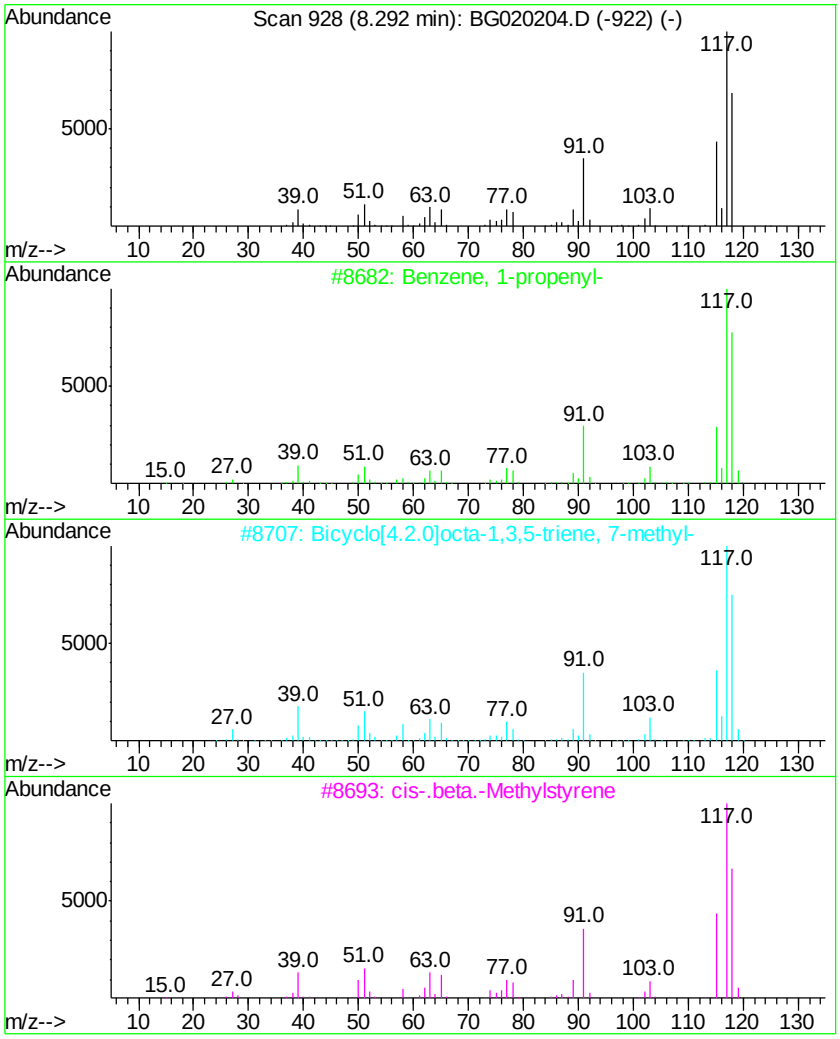
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

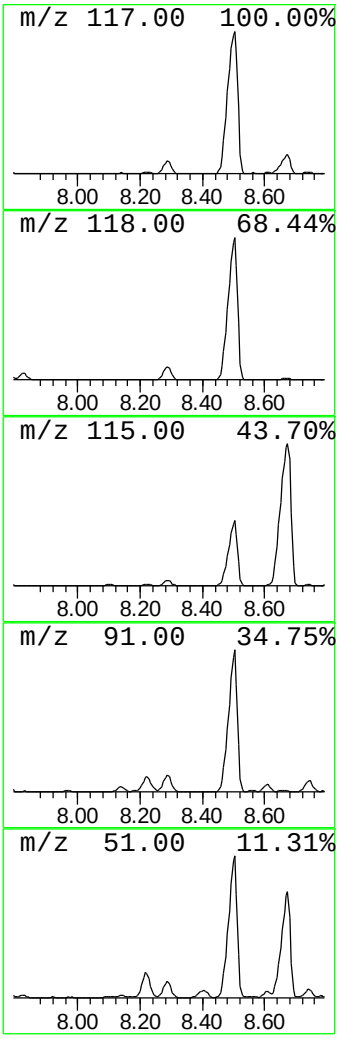
****

Peak Number 13 Benzene, 1-propenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	38.82 ng/ul	747825	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	94
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

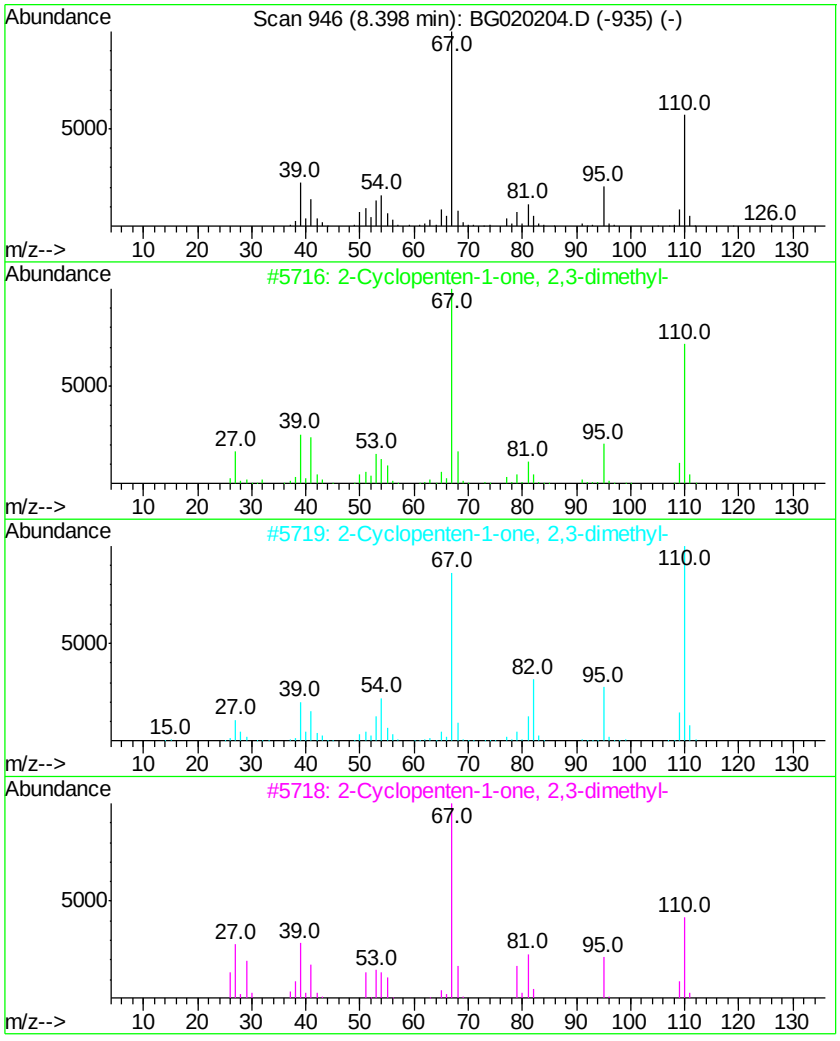
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

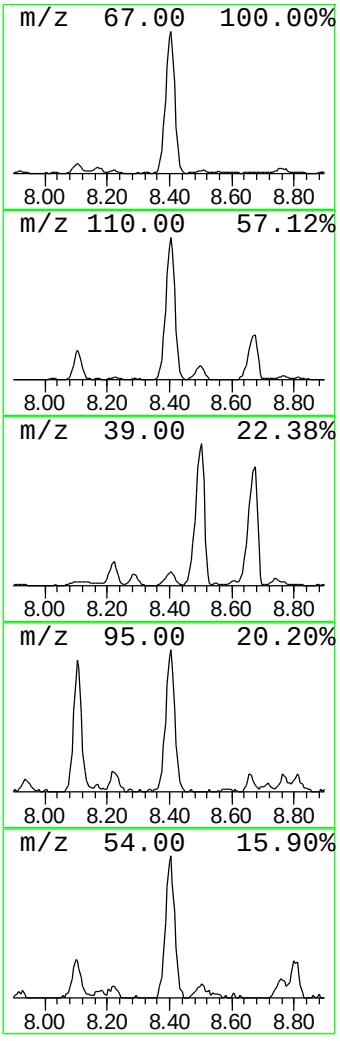
****

Peak Number 14 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	24.40 ng/ul	469968	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	90
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	64
4	Norbornadieone	110	C7H10O	010218-02-7	58
5	2-Norbornanone	110	C7H10O	000497-38-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

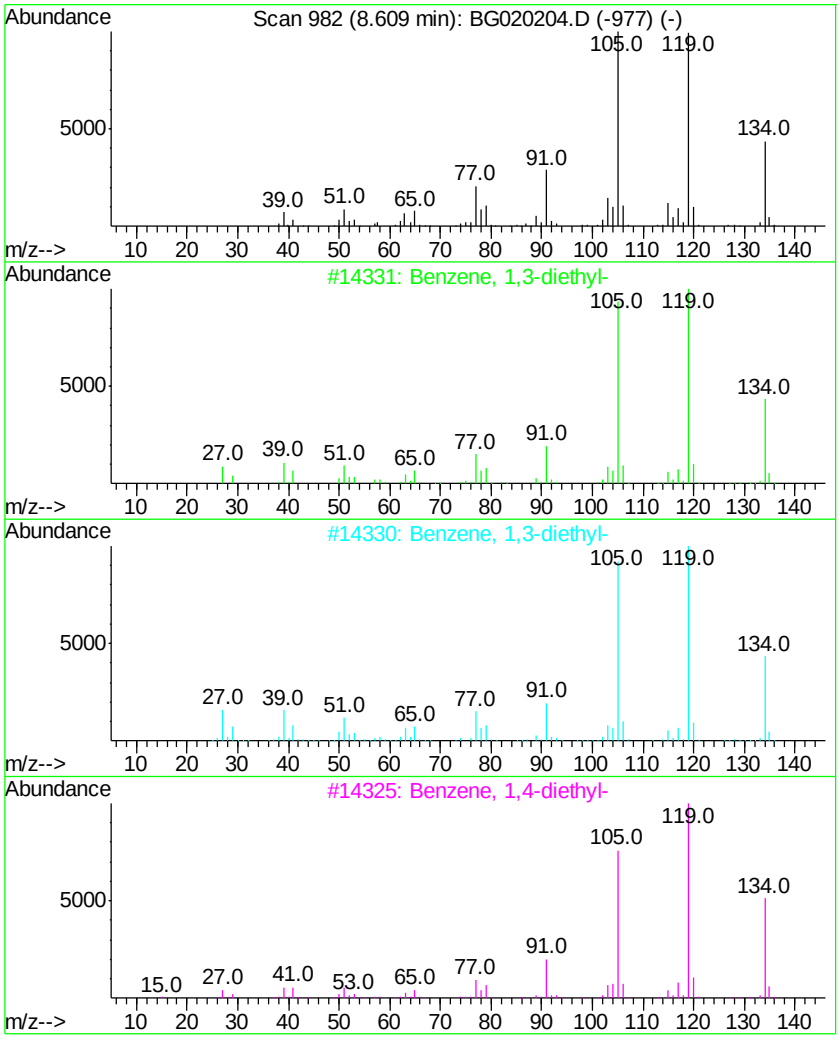
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

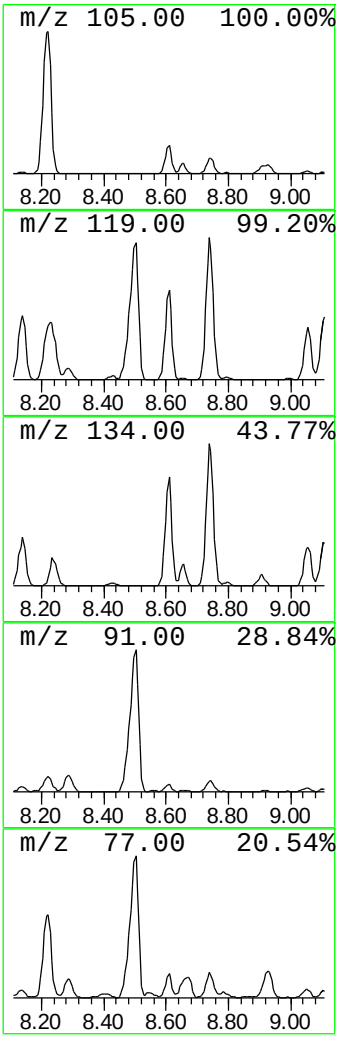
****

Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	21.10 ng/ul	406545	1,4-Dichlorobenzene-d4	8.10

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





Library Search Compound Report

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Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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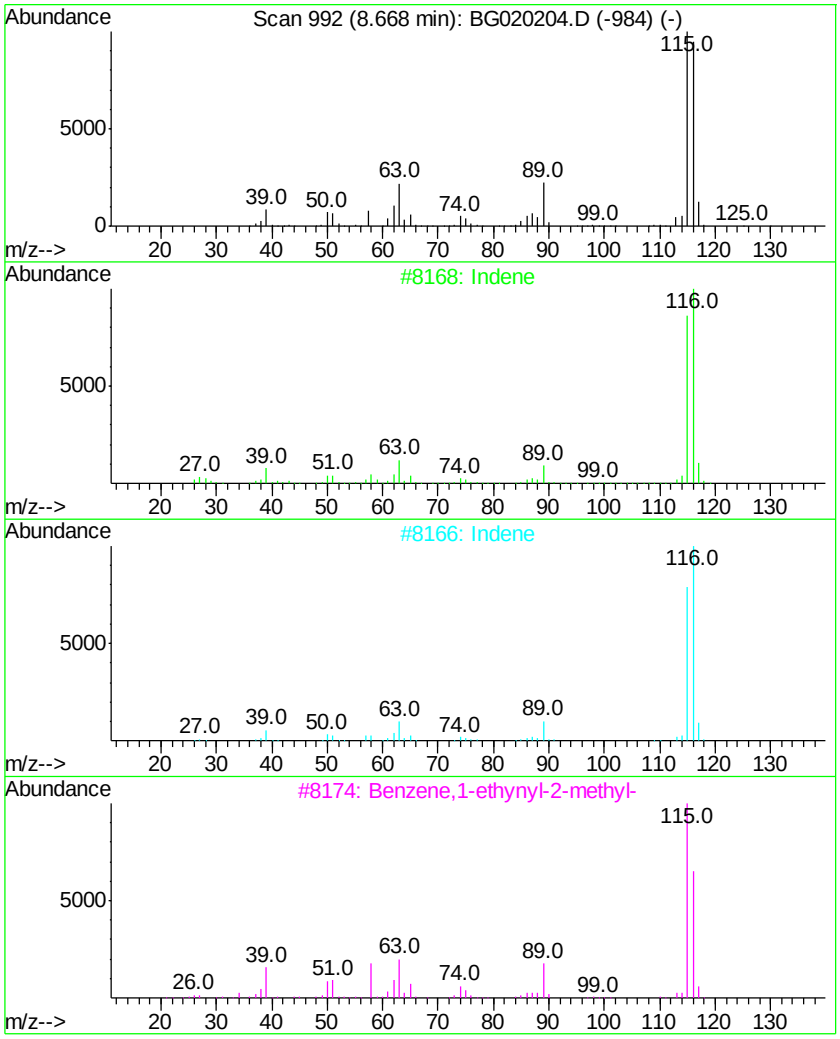
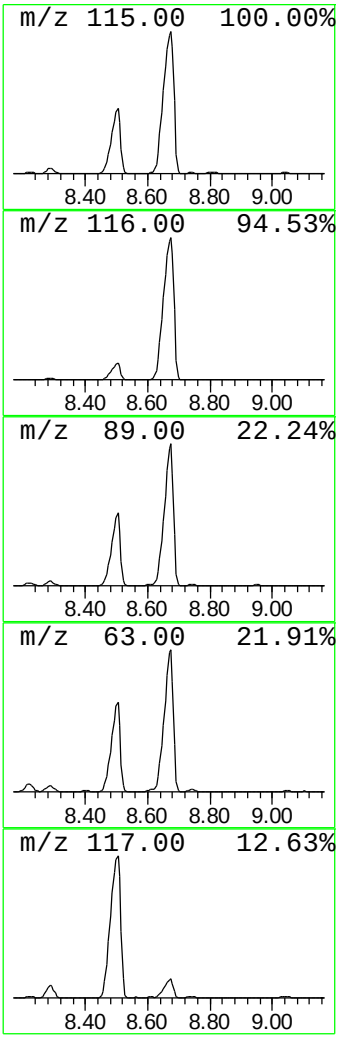
Peak Number 16 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	508.15 ng/ul	9789160	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Indene	116	C9H8	000095-13-6	91





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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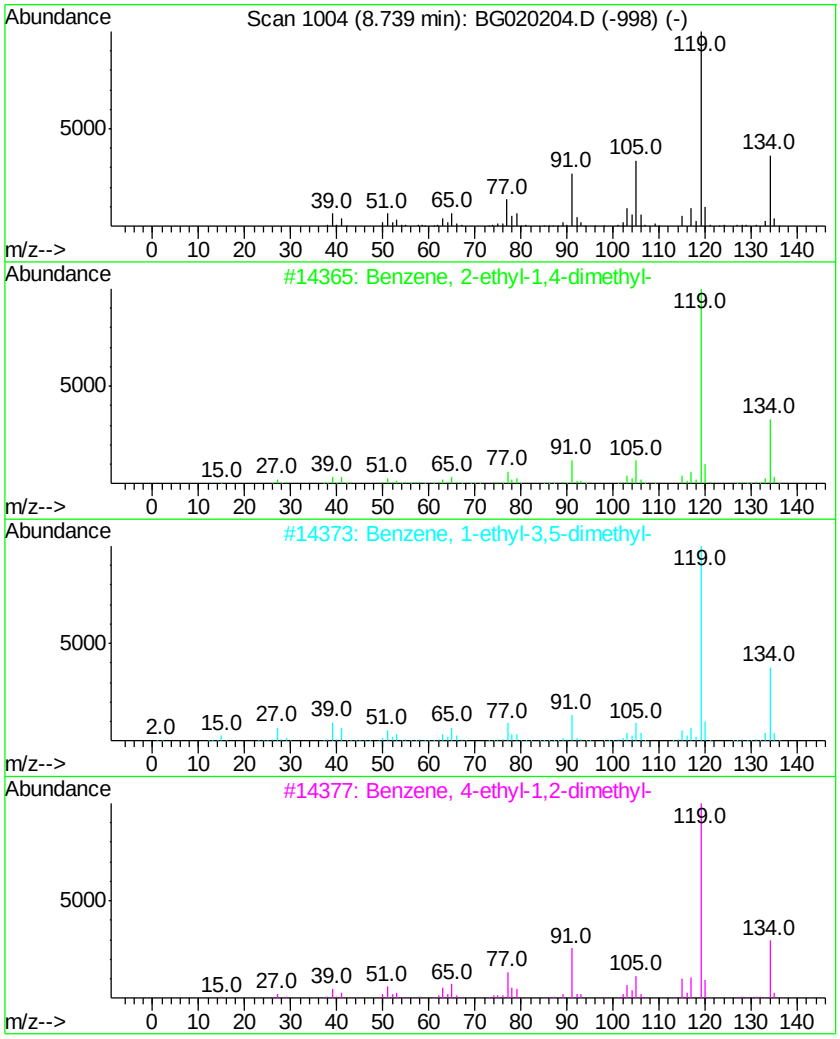
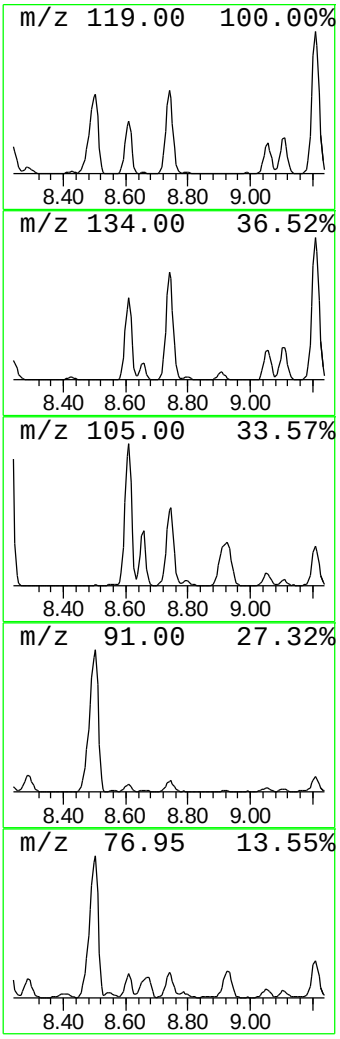
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	33.63 ng/ul	647782	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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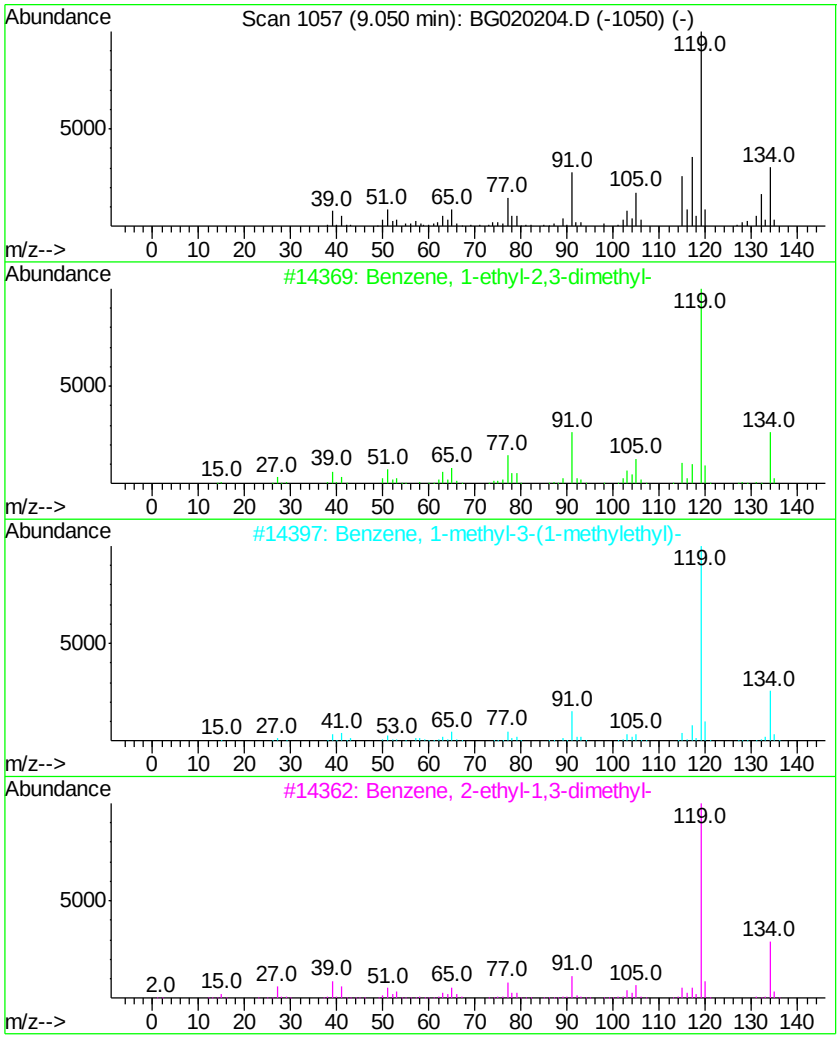
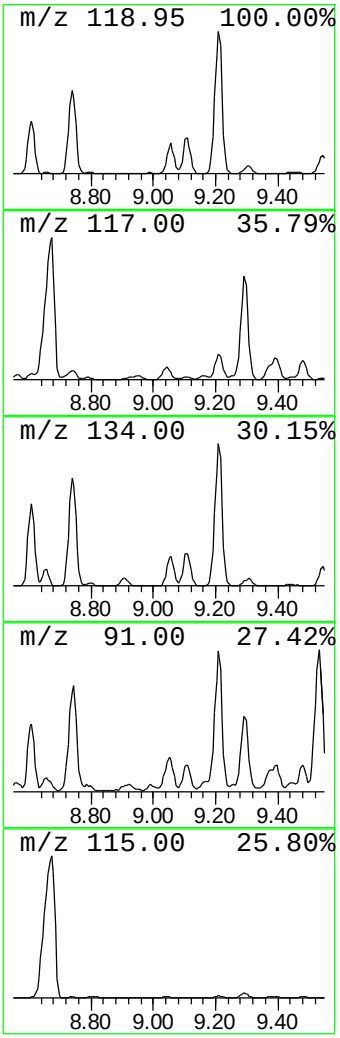
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	11.46 ng/ul	220808	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





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Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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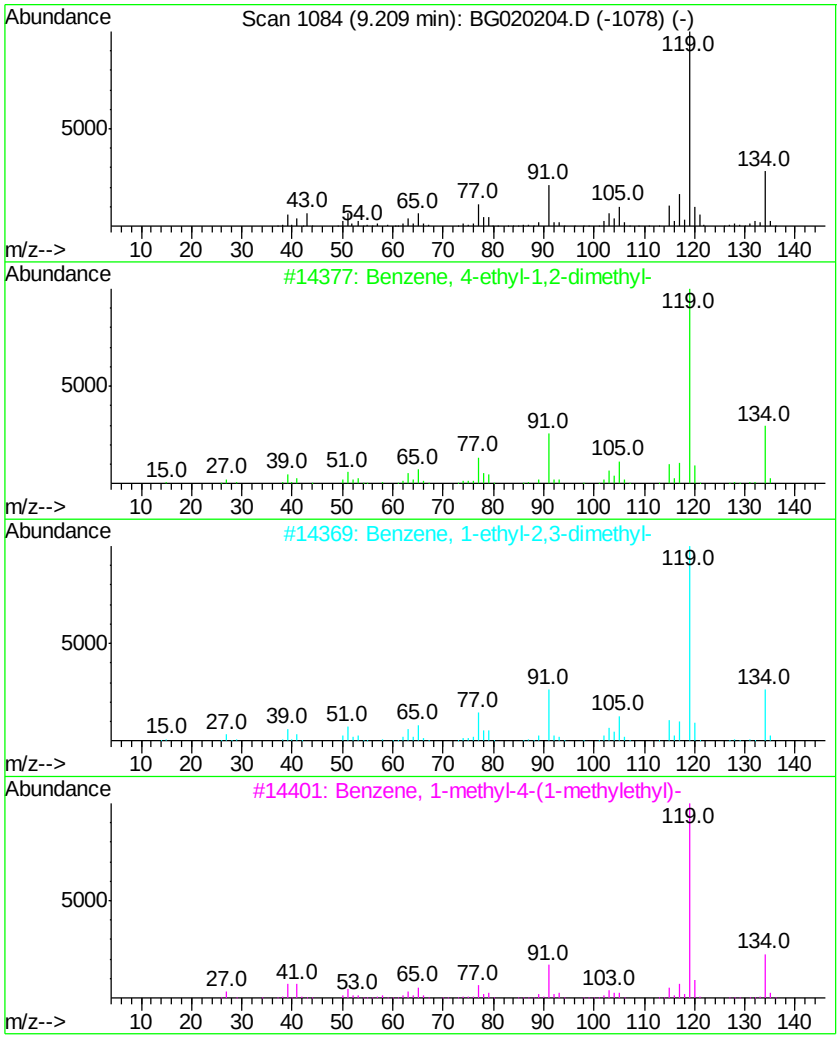
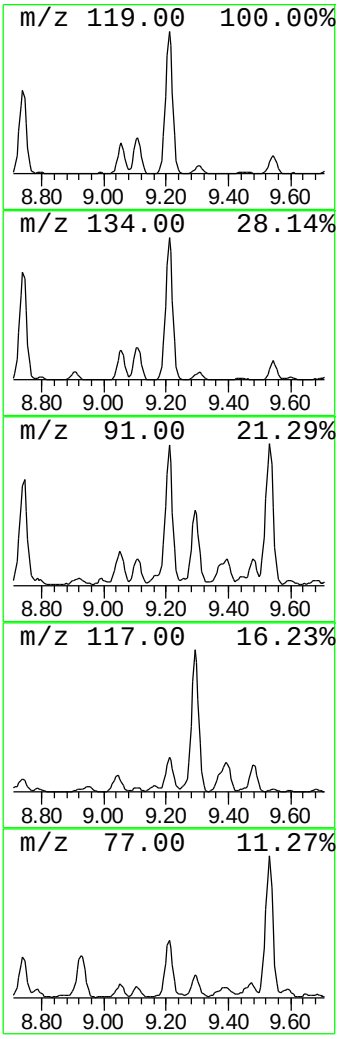
Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	43.75 ng/ul	842872	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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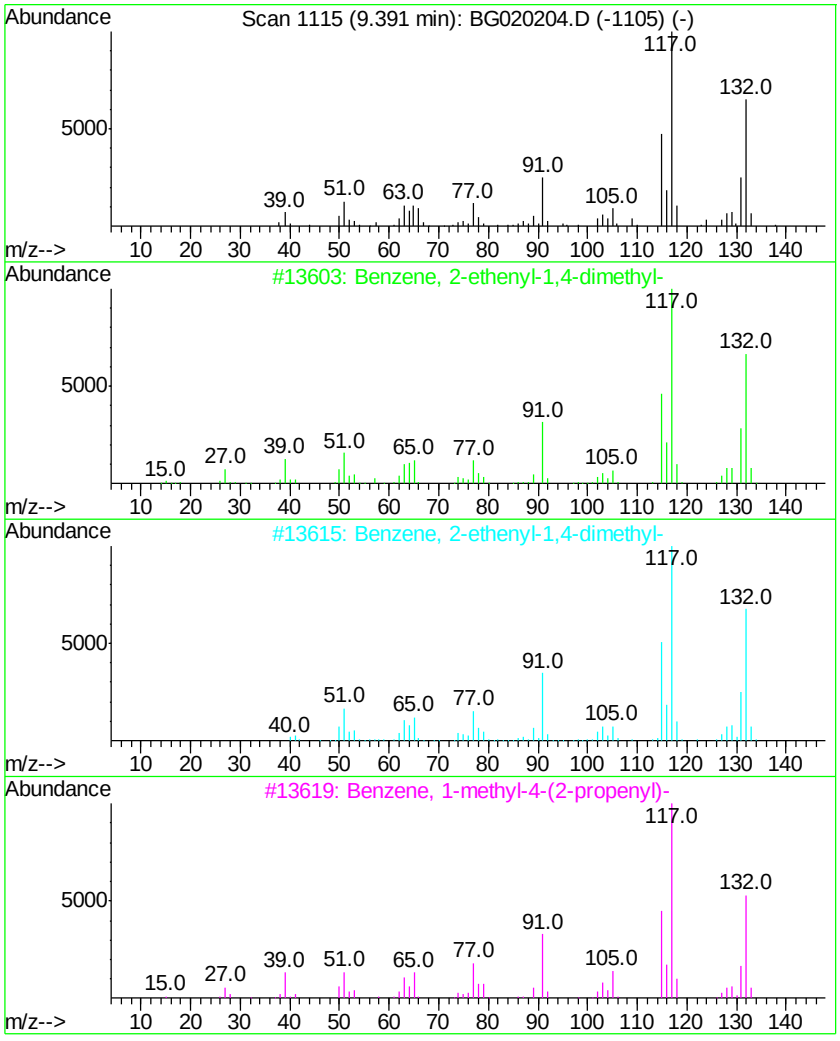
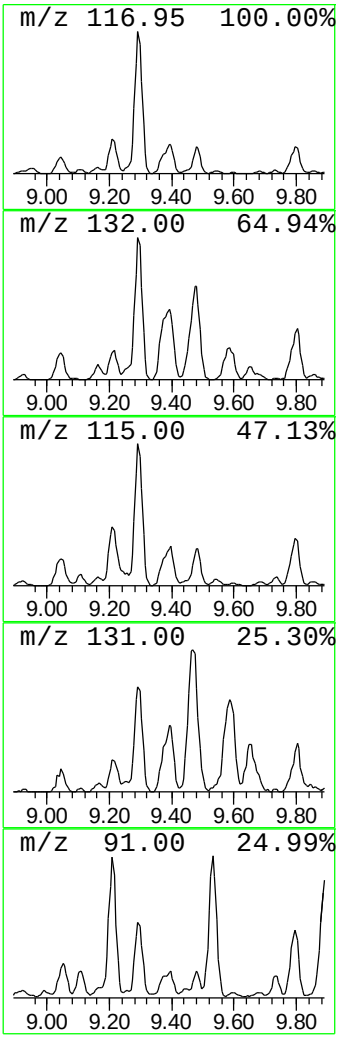
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	18.84 ng/ul	363022	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	98
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





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Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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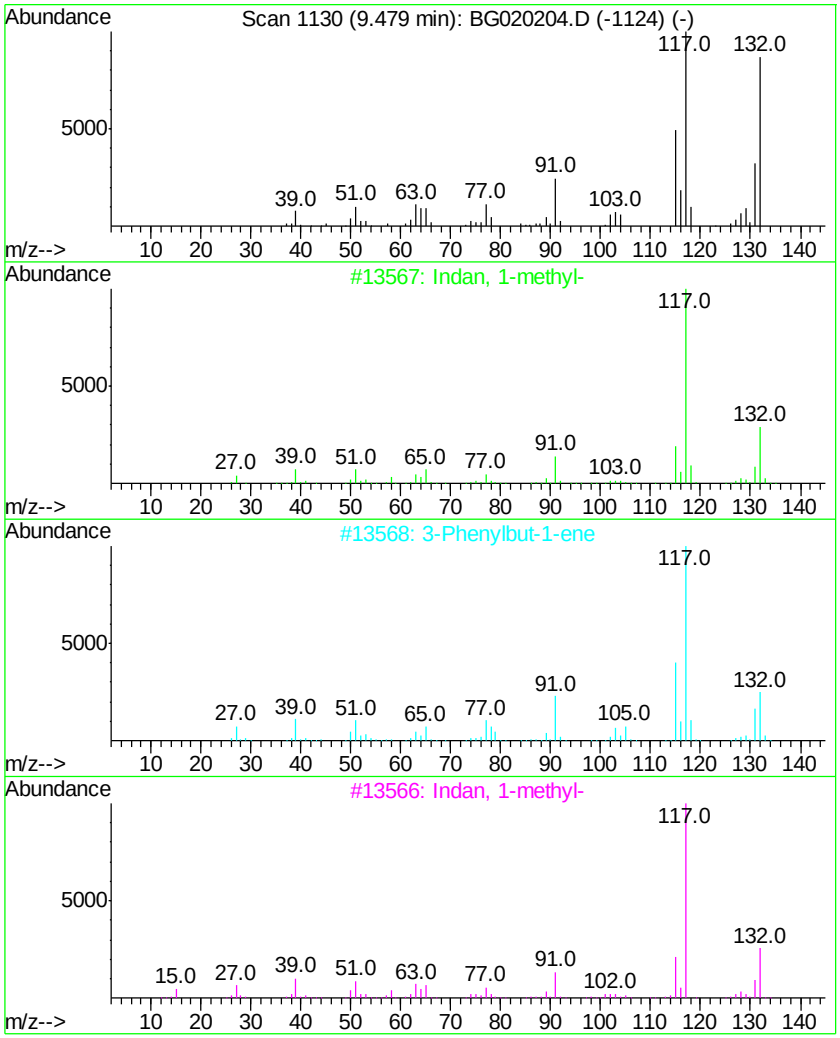
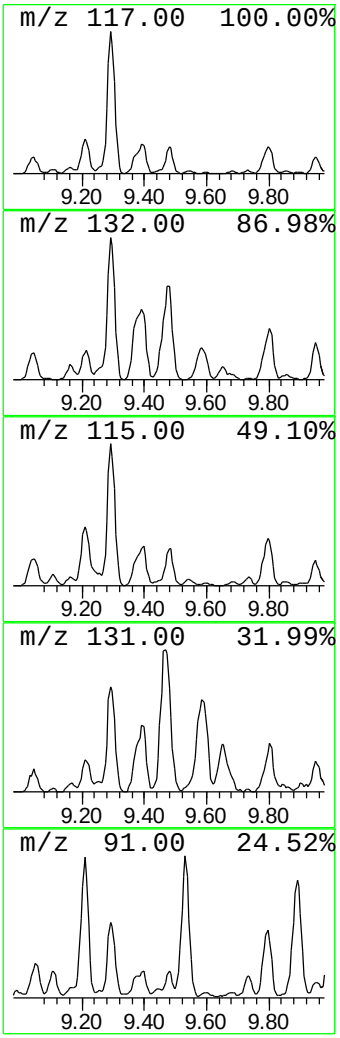
Peak Number 21 Indan, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	12.51 ng/ul	241050	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	64
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	47
3	Indan, 1-methyl-	132	C10H12	000767-58-8	45
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	38
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	32





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Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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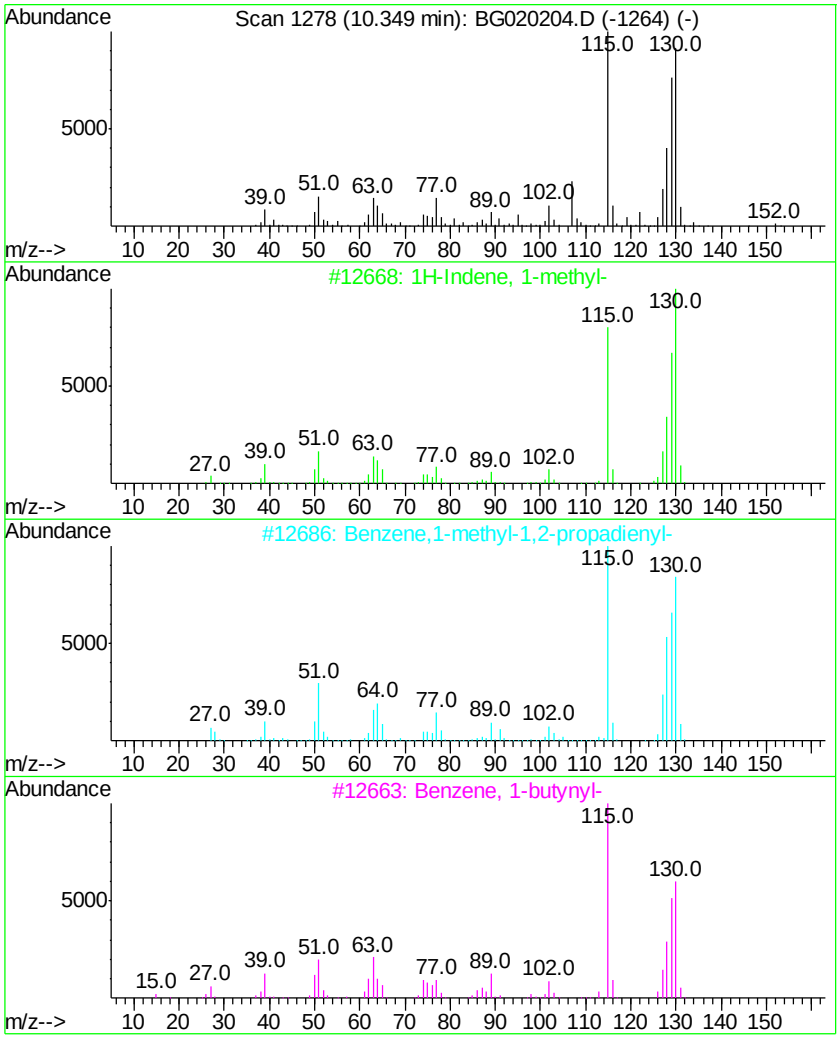
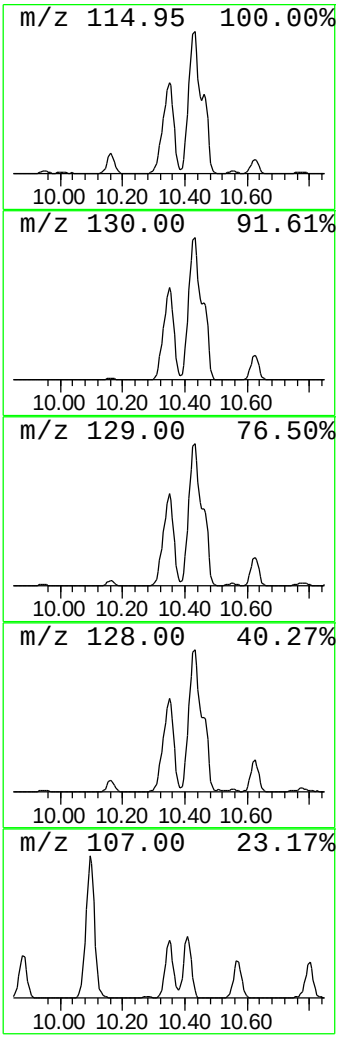
Peak Number 22 1H-Indene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.84 ng/ul	3738640	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	2-Methylindene	130	C10H10	002177-47-1	92





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Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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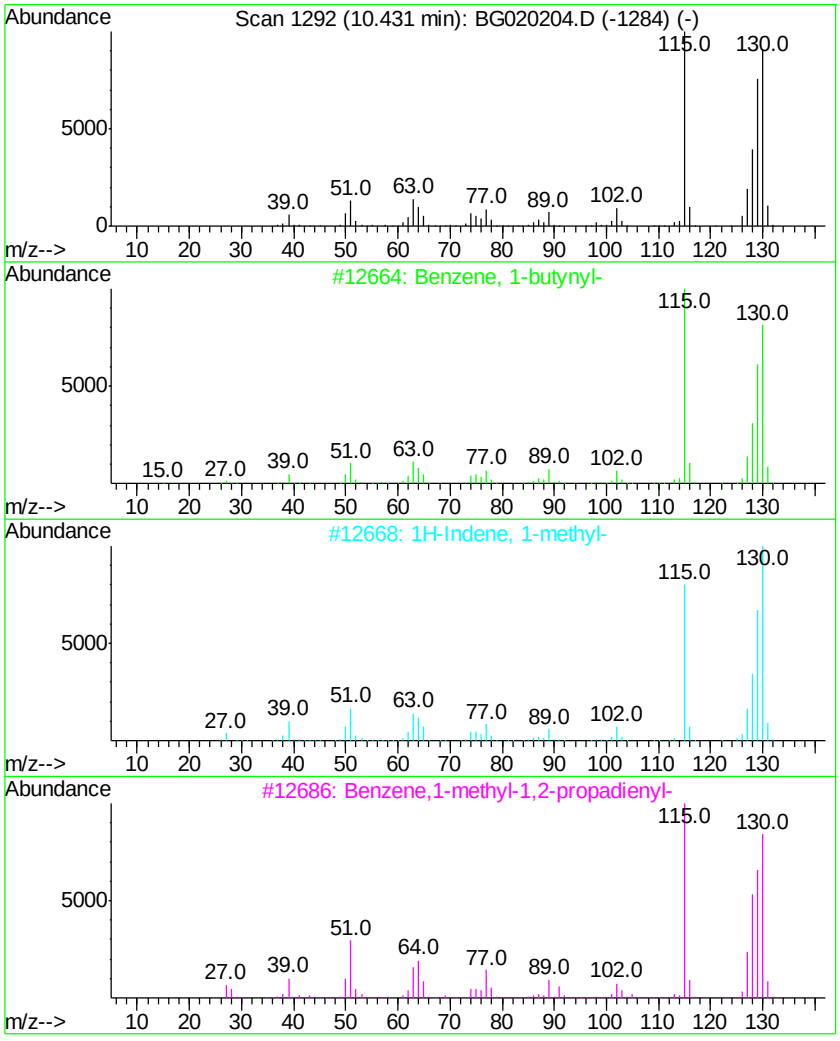
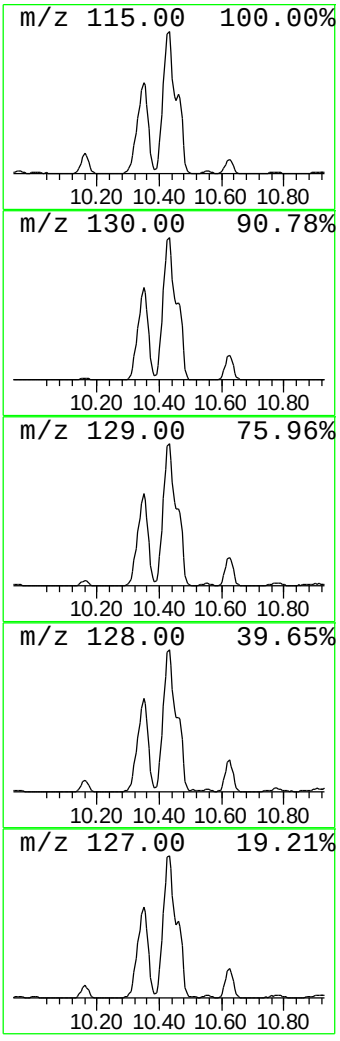
Peak Number 23 Benzene, 1-butynyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.20 ng/ul	4213710	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	2-Methylindene	130	C10H10	002177-47-1	93





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ClientSampleId : G9C88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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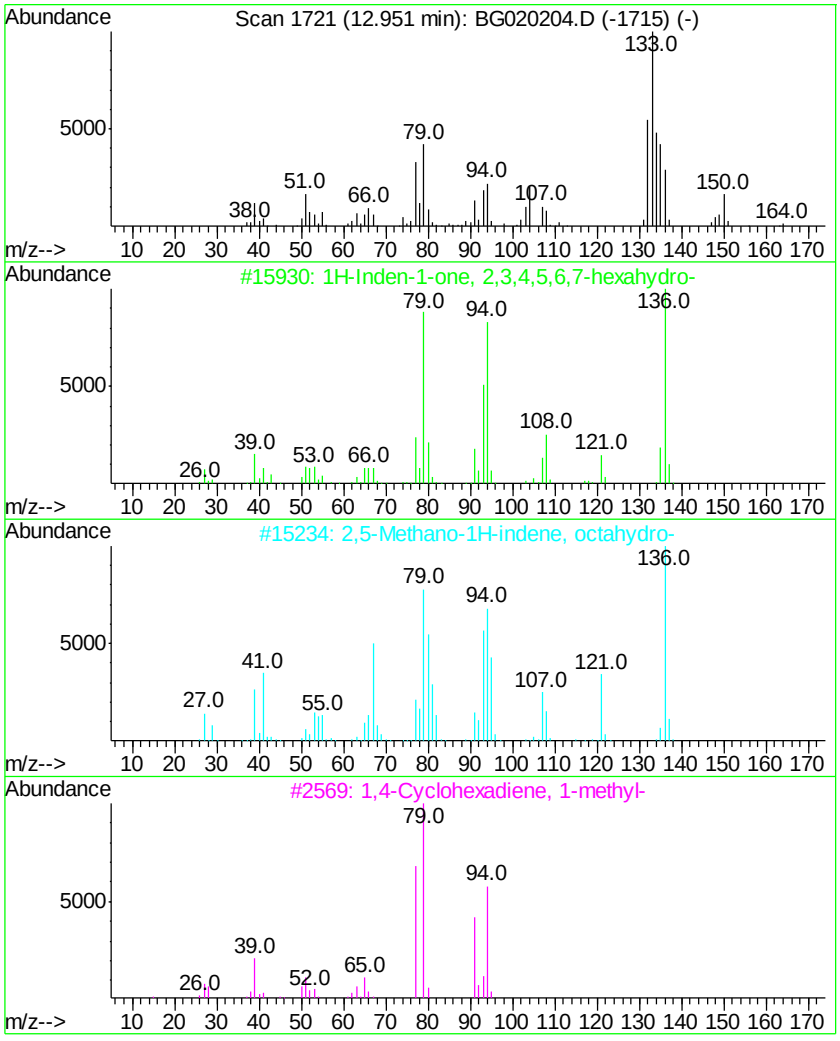
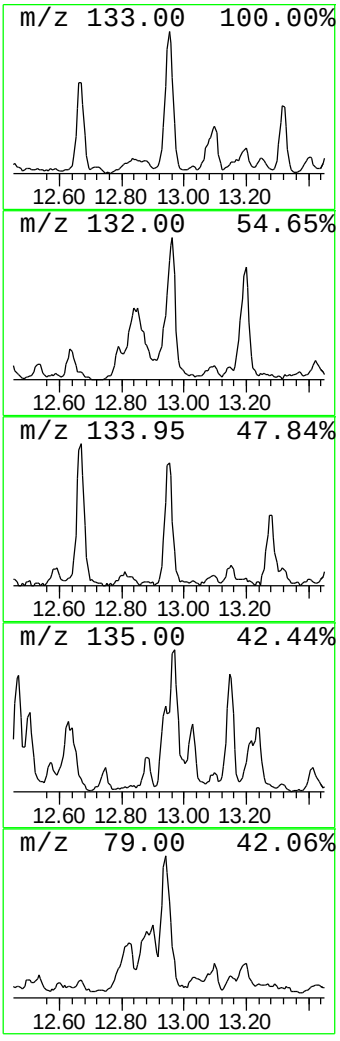
Peak Number 24 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	21.35 ng/ul	499880	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	42
2	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	41
3	1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	35
4	3-Methylenecyclohexene	94	C7H10	001888-90-0	35
5	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	25





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ClientSampleId : G9C88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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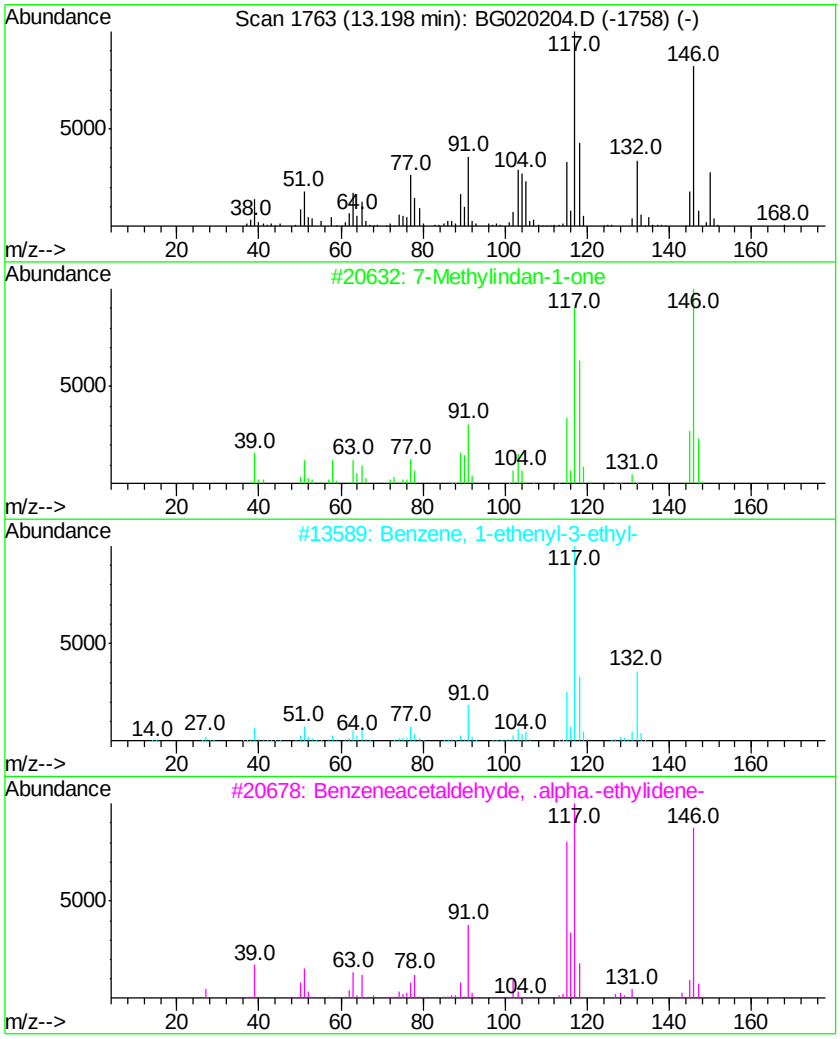
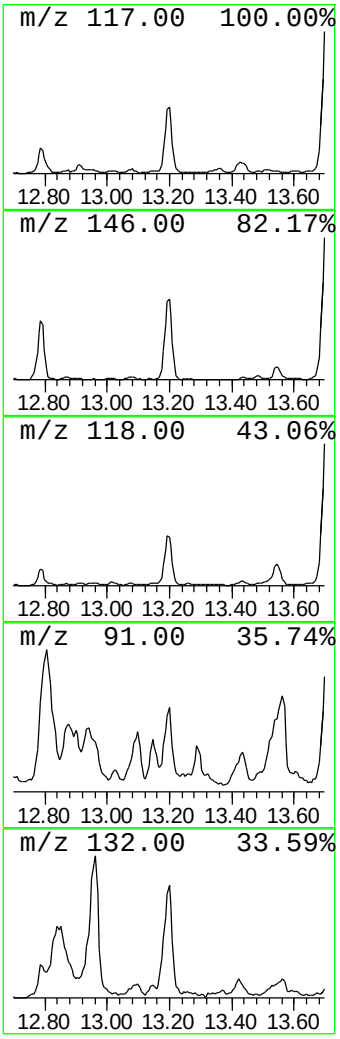
Peak Number 25 7-Methylindan-1-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	17.31 ng/ul	405274	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	60
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
3	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	49
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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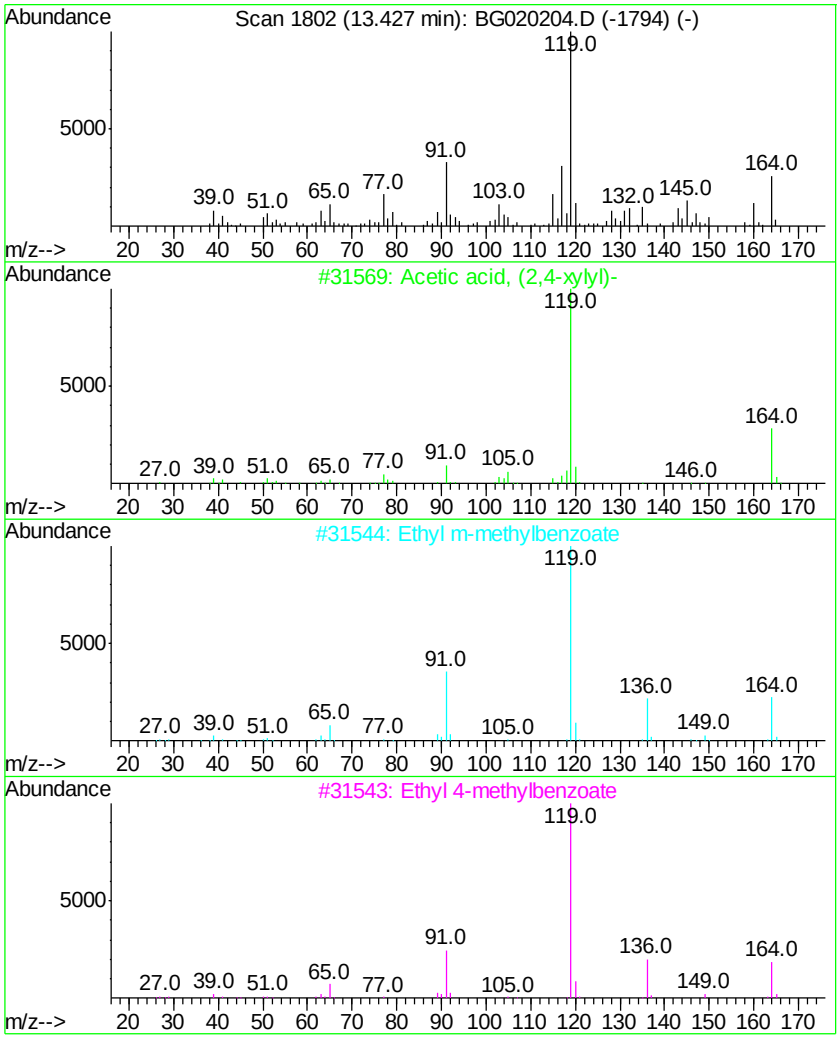
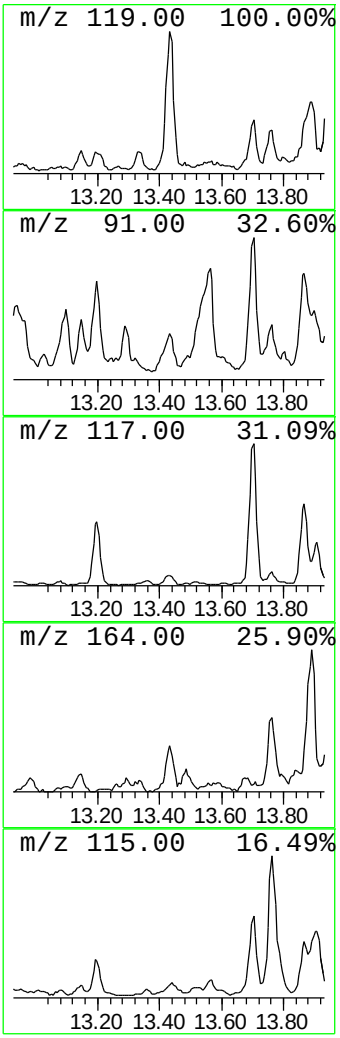
Peak Number 26 Acetic acid, (2,4-xylyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	12.57 ng/ul	294347	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	52
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	49
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	49
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	49
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	49





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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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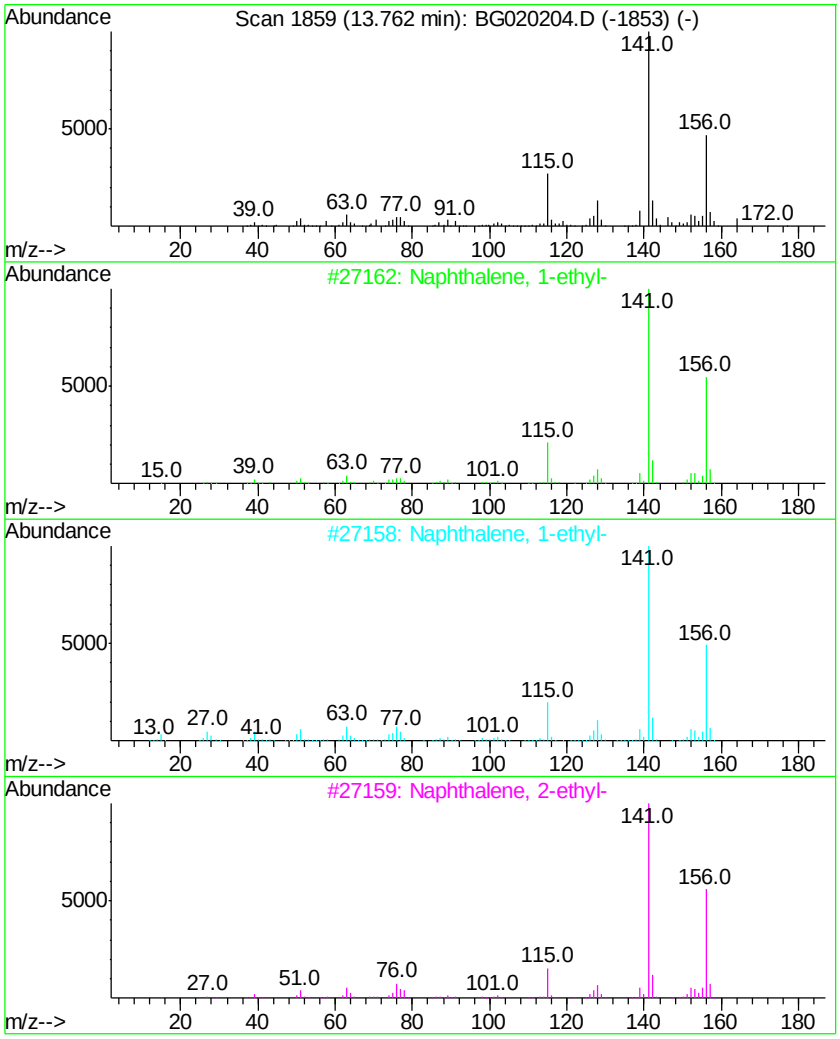
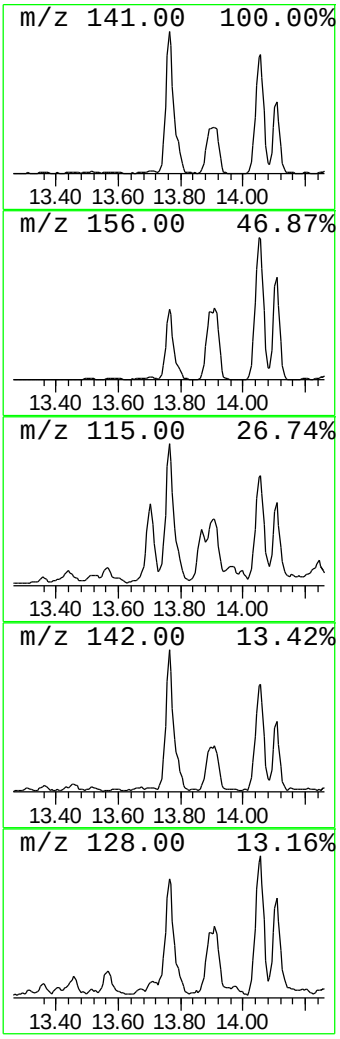
Peak Number 28 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	47.75 ng/ul	1118040	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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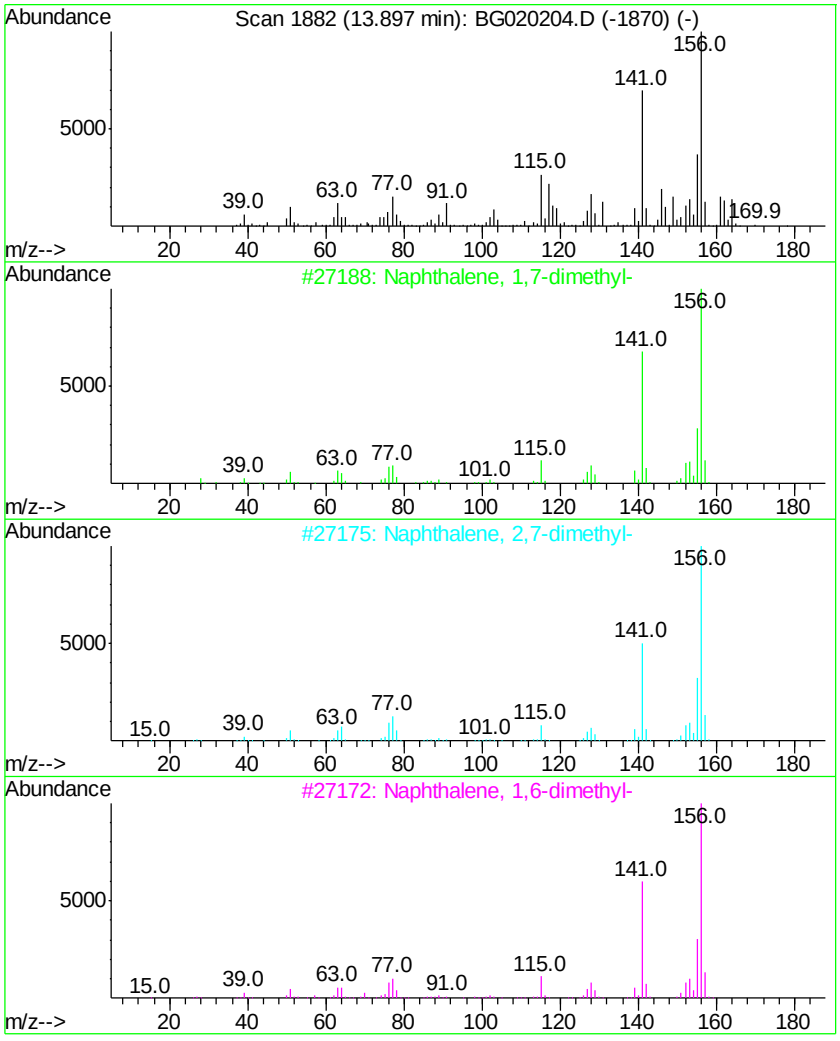
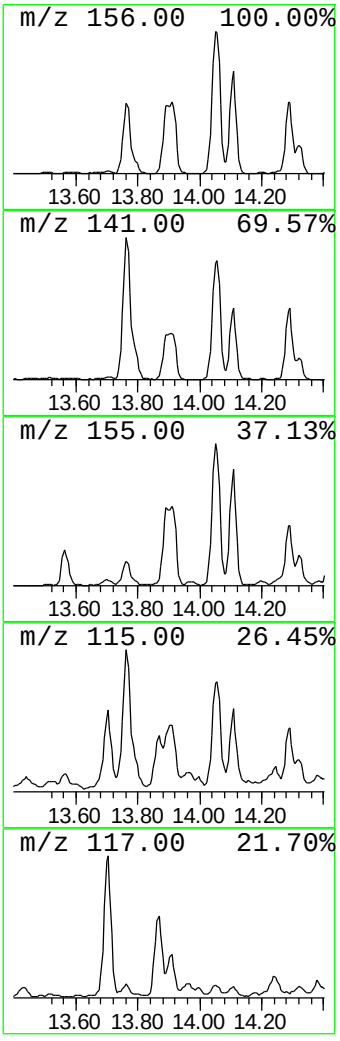
Peak Number 29 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	68.12 ng/ul	1594940	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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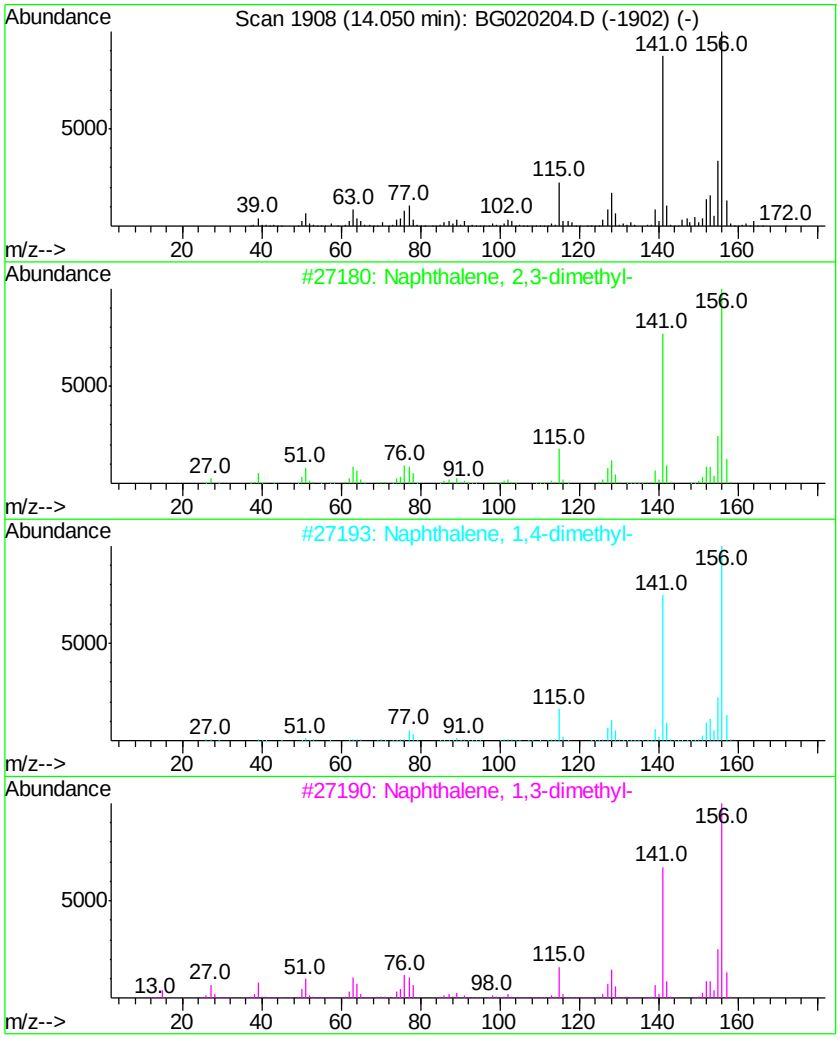
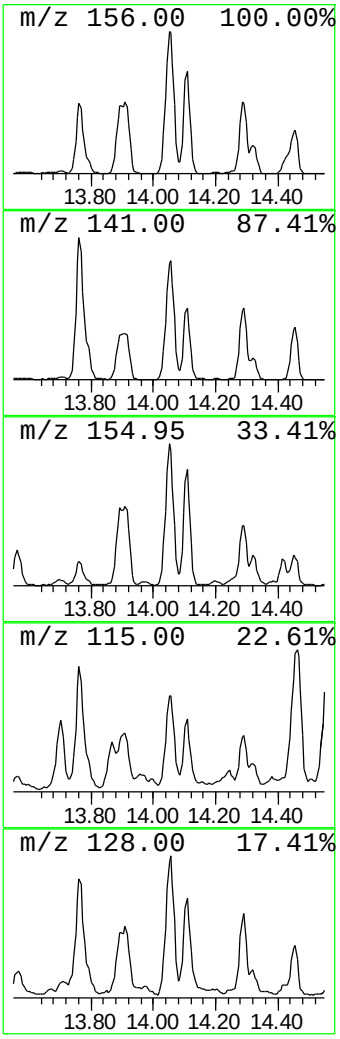
Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	52.30 ng/ul	1224370	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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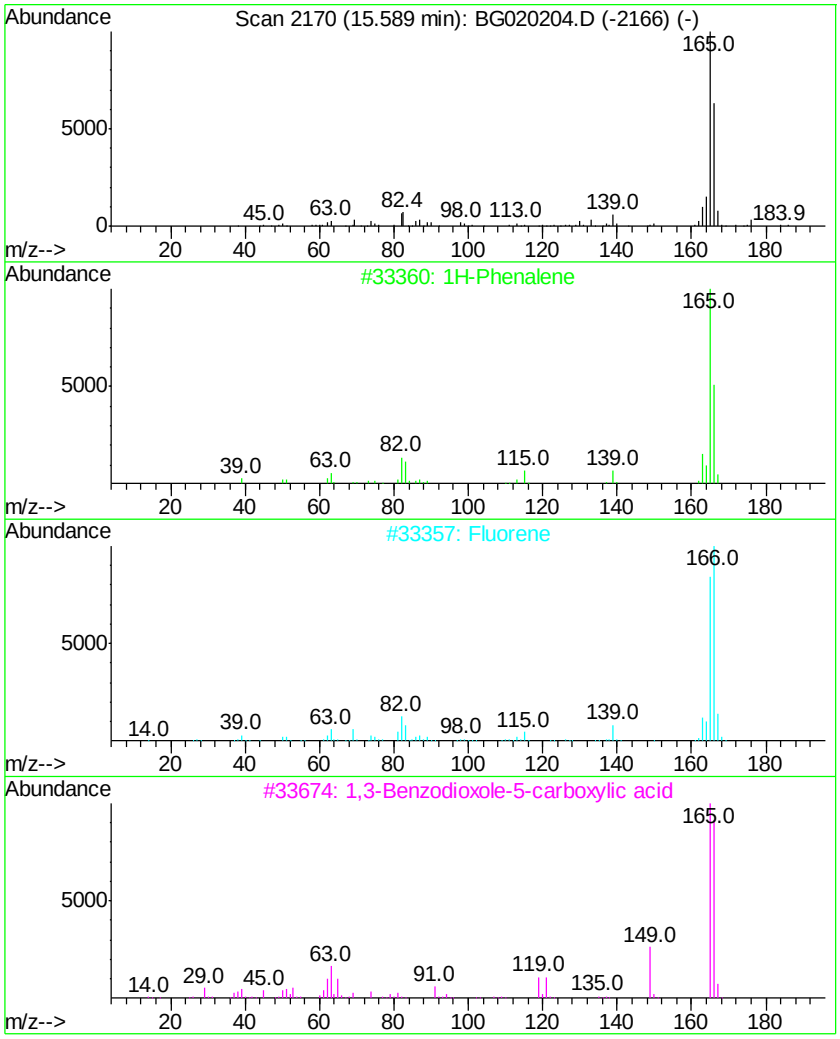
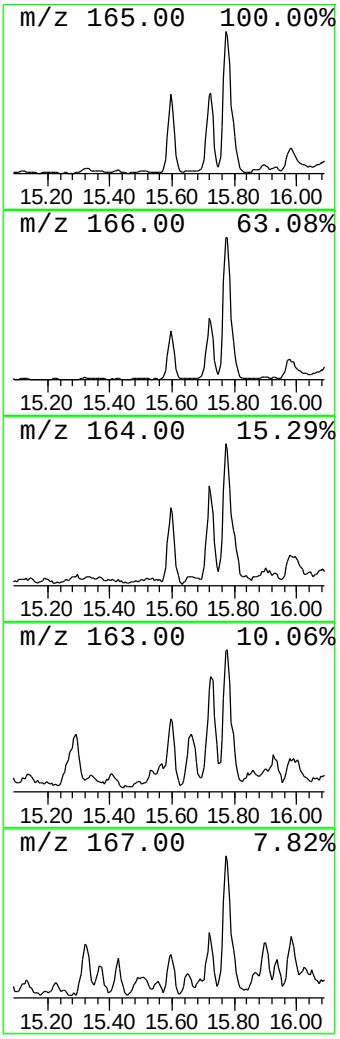
Peak Number 40 1H-Phenalene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	10.83 ng/ul	253519	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	80
2	Fluorene	166	C13H10	000086-73-7	58
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	45
4	Fluorene	166	C13H10	000086-73-7	38
5	1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
Data File : BG020204.D
Acq On : 16 Dec 2015 00:37
Operator : UM/SJ
Sample : G4786-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.58	37.2	ng/ul	717466	1	8.10	385290	20.0
Benzene, 1-ethyl-...	7.18	125.8	ng/ul	2423460	1	8.10	385290	20.0
Benzene, 1-propenyl-	8.29	38.8	ng/ul	747825	1	8.10	385290	20.0
2-Cyclopenten-1-o...	8.40	24.4	ng/ul	469968	1	8.10	385290	20.0
Benzene, 1,3-diet...	8.61	21.1	ng/ul	406545	1	8.10	385290	20.0
Indene	8.67	508.1	ng/ul	9789160	1	8.10	385290	20.0
Benzene, 2-ethyl-...	8.74	33.6	ng/ul	647782	1	8.10	385290	20.0
Benzene, 1-ethyl-...	9.05	11.5	ng/ul	220808	1	8.10	385290	20.0
Benzene, 4-ethyl-...	9.21	43.8	ng/ul	842872	1	8.10	385290	20.0
Benzene, 2-etheny...	9.39	18.8	ng/ul	363022	1	8.10	385290	20.0
Indan, 1-methyl-	9.48	12.5	ng/ul	241050	1	8.10	385290	20.0
1H-Indene, 1-methyl-	10.35	2.8	ng/ul	3738640	2	10.94	26305900	20.0
Benzene, 1-butynyl-	10.43	3.2	ng/ul	4213710	2	10.94	26305900	20.0
unknown-01	12.95	21.4	ng/ul	499880	3	14.73	468247	20.0
7-Methylindan-1-one	13.20	17.3	ng/ul	405274	3	14.73	468247	20.0
Acetic acid, (2,4...	13.43	12.6	ng/ul	294347	3	14.73	468247	20.0
Naphthalene, 1-et...	13.76	47.8	ng/ul	1118040	3	14.73	468247	20.0
Naphthalene, 1,7-...	13.90	68.1	ng/ul	1594940	3	14.73	468247	20.0
Naphthalene, 2,3-...	14.05	52.3	ng/ul	1224370	3	14.73	468247	20.0
1H-Phenalene	15.59	10.8	ng/ul	253519	3	14.73	468247	20.0