LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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	3.108	40	46	60	rBV	4526754	7912349	20.27%	5.146%
2	4.236	232	238	254	rVB	334580	572008	1.47%	0.372%
3	5.599	459	470	477	rBV	4461127	8225597	21.08%	5.350%
4	5.752	483	496	503	rVV	2882775	7968304	20.42%	5.183%
5	6.104	544	556	564	rVV	3060213	5160028	13.22%	3.356%
6	6.574	630	636	645	rVB	269617	421674	1.08%	0.274%
7	7.068	713	720	727	rVV	199673	333551	0.85%	0.217%
8	7.179	728	739	744	rVV	834636	1403784	3.60%	0.913%
9	7.238	744	749	754	rVV	741241	1238086	3.17%	0.805%
10	7.314	757	762	773	rVB	544531	879293	2.25%	0.572%
11	7.420	773	780	785	rBV	83514	141868	0.36%	0.092%
12	7.485	785	791	797	rVV	390730	638002	1.63%	0.415%
13	7.632	811	816	821	rVV	88493	158923	0.41%	0.103%
14	7.749	829	836	845	rVV	1854875	3518147	9.01%	2.288%
15	7.826	845	849	854	rVV	92414	143911	0.37%	0.094%
16	8.102	888	896	899	rBV	94551	171381	0.44%	0.111%
17	8.219	906	916	922	rVV	823678	1492187	3.82%	0.971%
18	8.284	922	927	935	rVB	411785	725596	1.86%	0.472%
19	8.501	953	964	969	rBV	4146372	8548897	21.91%	5.560%
20	8.542	969	971	977	rVV4	104623	170301	0.44%	0.111%
21	8.607	977	982	983	rVV	106136	143454	0.37%	0.093%
22	8.672	983	993	998	rVV	4117720	8872628	22.73%	5.771%
23	8.736	998	1004	1010	rVV	190328	341224	0.87%	0.222%
24	8.801	1010	1015	1021	rVV	86804	181137	0.46%	0.118%
25	8.877	1021	1028	1033	rVV	393927	726762	1.86%	0.473%
26	9.054	1052	1058	1063	rVB2	87353	150605	0.39%	0.098%
27	9.206	1079	1084	1089	rVV	282811	493040	1.26%	0.321%
28	9.289	1090	1098	1105	rVV2	180367	496686	1.27%	0.323%
29	9.365	1105	1111	1121	rVV5	75711	245624	0.63%	0.160%
30	9.471	1121	1129	1134	rVV5	60847	144382	0.37%	0.094%
31	9.529	1134	1139	1145	rVV3	92497	188336	0.48%	0.122%
32	9.735	1168	1174	1178	rVB	89258	142469	0.37%	0.093%
33	9.794	1178	1184	1191	rVB	214460	380309	0.97%	0.247%
34	9.999	1214	1219	1224	rVB	93408	161657	0.41%	0.105%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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	10.094	1229	1235	1236	rBV2	125787	187236	0.48%	0.122%
36	10.158	1243	1246	1254	rVB	260646	423088	1.08%	0.275%
37	10.352	1262	1279	1285	rBV3	1218297	3463893	8.88%	2.253%
38	10.423	1285	1291	1306	rVV2	1753676	4791068	12.28%	3.116%
39	10.552	1306	1313	1321	rVV3	221835	593563	1.52%	0.386%
40	10.622	1321	1325	1338	rVB	181197	351795	0.90%	0.229%
41	10.822	1353	1359	1369	rVB	113328	220304	0.56%	0.143%
42	11.063	1369	1400	1405	rBV	8483047	39026950	100.00%	25.384%
43	11.128	1405	1411	1417	rVV	880470	1360751	3.49%	0.885%
44	11.451	1459	1466	1470	rVV3	50933	151488	0.39%	0.099%
45	11.745	1510	1516	1526	rBV4	130063	363826	0.93%	0.237%
46	11.844	1526	1533	1542	rVB6	54663	154930	0.40%	0.101%
47	11.956	1542	1552	1555	rBV2	123842	273987	0.70%	0.178%
48	12.015	1555	1562	1566	rVV5	122175	317973	0.81%	0.207%
49	12.103	1572	1577	1588	rVB	139563	306902	0.79%	0.200%
50	12.297	1603	1610	1619	rVB	166922	307624	0.79%	0.200%
51	12.414	1624	1630	1634	rBV3	77458	143650	0.37%	0.093%
52	12.467	1634	1639	1648	rVB2	152009	302599	0.78%	0.197%
53	12.579	1649	1658	1665	rBV	2494342	4505639	11.54%	2.931%
54	12.702	1669	1679	1684	rVB3	257657	584995	1.50%	0.380%
55	12.808	1684	1697	1702	rBV	3237939	6333677	16.23%	4.120%
56	12.867	1702	1707	1715	rVB3	352150	647988	1.66%	0.421%
57	13.149	1747	1755	1760	rBV7	116095	260581	0.67%	0.169%
58	13.566	1811	1826	1835	rBV3	624392	1521947	3.90%	0.990%
59	13.701	1844	1849	1853	rBV4	110036	188296	0.48%	0.122%
60	13.760	1853	1859	1863	rBV	371108	650802	1.67%	0.423%
61	13.795	1863	1865	1871	rVB3	194613	288156	0.74%	0.187%
62	13.895	1871	1882	1883	rBV3	345569	690467	1.77%	0.449%
63	14.054	1902	1909	1914	rBV	555305	1013662	2.60%	0.659%
64	14.106	1914	1918	1920	rBV	303112	443311	1.14%	0.288%
65	14.289	1943	1949	1953	rBV	255186	411753	1.06%	0.268%
66	14.424	1966	1972	1976	rBV	382493	750600	1.92%	0.488%
67	14.529	1983	1990	1997	rVB	172644	321572	0.82%	0.209%
68	14.694	2012	2018	2020	rBV	108346	174697	0.45%	0.114%
69	14.729	2020	2024	2029	rVV3	260542	447423	1.15%	0.291%
70	14.794	2029	2035	2041	rVV	631189	1019317	2.61%	0.663%
71	14.911	2050	2055	2065	rVV3	102196	245023	0.63%	0.159%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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	15.123	2080	2091	2098	rVB3	139168	309958	0.79%	0.202%
73	15.217	2098	2107	2111	rBV	1123328	1990148	5.10%	1.294%
74	15.346	2111	2129	2133	rVV	863925	3963832	10.16%	2.578%
75	15.387	2133	2136	2139	rVV2	119192	201095	0.52%	0.131%
76	15.428	2139	2143	2147	rVV	146220	232570	0.60%	0.151%
77	15.593	2166	2171	2178	rVB2	122243	244915	0.63%	0.159%
78	15.722	2187	2193	2197	rVV	521735	822524	2.11%	0.535%
79	15.775	2197	2202	2208	rVV	500247	828752	2.12%	0.539%
80	15.828	2208	2211	2215	rVV	157086	211964	0.54%	0.138%
81	15.981	2232	2237	2247	rBV4	70525	170794	0.44%	0.111%
82	16.110	2255	2259	2266	rVB2	85939	141003	0.36%	0.092%
83	16.186	2267	2272	2277	rBV	140742	217418	0.56%	0.141%
84	16.410	2303	2310	2314	rBV2	260213	499273	1.28%	0.325%
85	16.480	2315	2322	2333	rVV7	196652	678282	1.74%	0.441%
86	16.574	2333	2338	2348	rVB2	120119	296019	0.76%	0.193%
87	16.745	2357	2367	2376	rVB5	114865	383024	0.98%	0.249%
88	17.291	2455	2460	2465	rBV2	104655	185025	0.47%	0.120%
89	17.379	2465	2475	2482	rVB2	224157	573039	1.47%	0.373%
90	17.473	2485	2491	2494	rBV	293442	483366	1.24%	0.314%
91	17.514	2494	2498	2503	rVB	629104	896713	2.30%	0.583%
92	17.573	2503	2508	2512	rBV2	457356	730126	1.87%	0.475%
93	17.649	2517	2521	2532	rVB2	415934	731931	1.88%	0.476%
94	17.873	2555	2559	2564	rVB	106648	159222	0.41%	0.104%
95	18.390	2643	2647	2655	rVB2	87351	145889	0.37%	0.095%
96	18.542	2665	2673	2677	rBV3	66613	160922	0.41%	0.105%
97	19.853	2890	2896	2907	rBV2	531211	884497	2.27%	0.575%
98	21.739	3211	3217	3231	rVB	322936	560949	1.44%	0.365%
99	24.788	3724	3736	3747	rBV	294381	815019	2.09%	0.530%
100	25.011	3763	3774	3785	rVB2	174703	492220	1.26%	0.320%

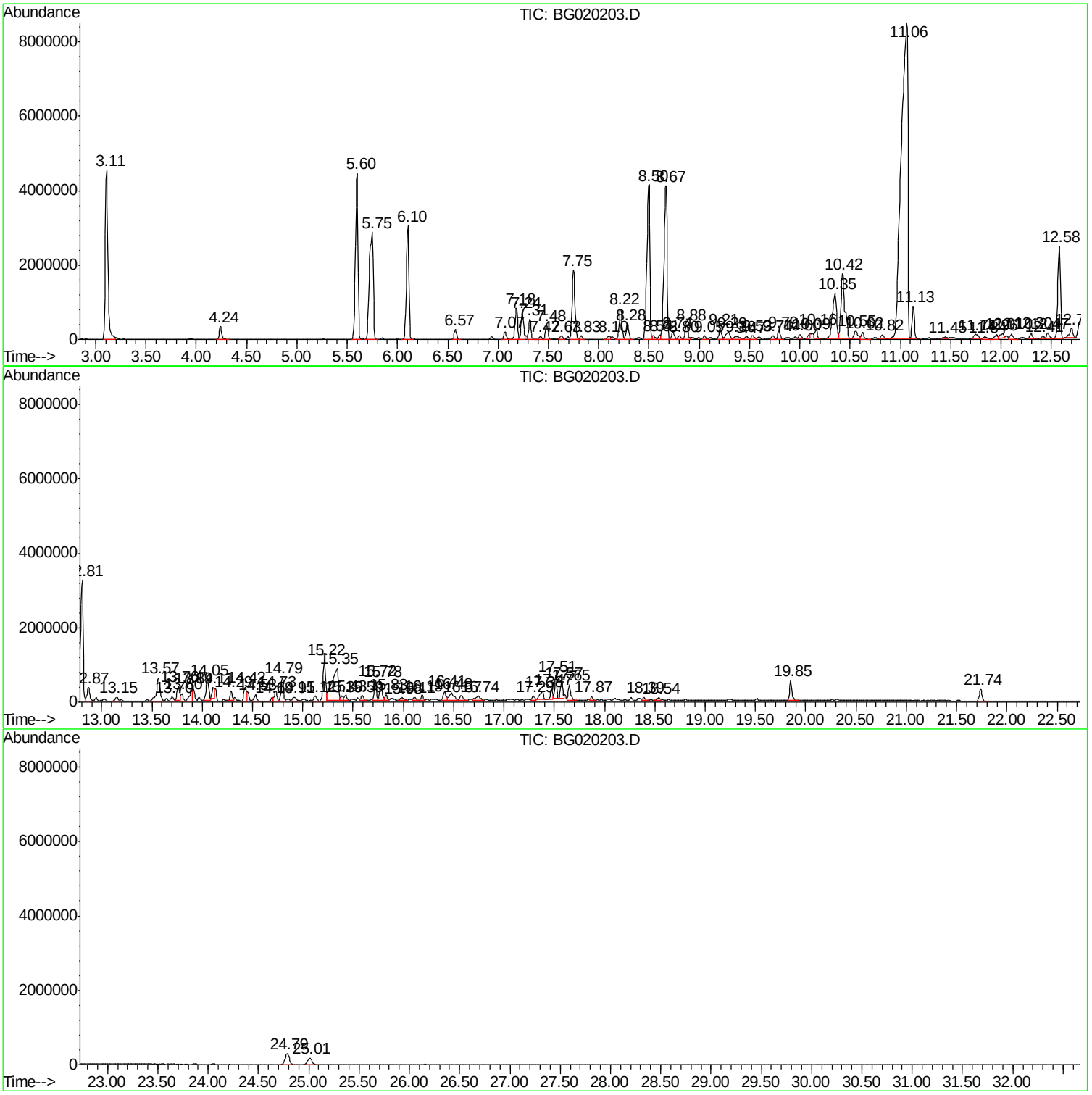
Sum of corrected areas: 153744222

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C87

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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

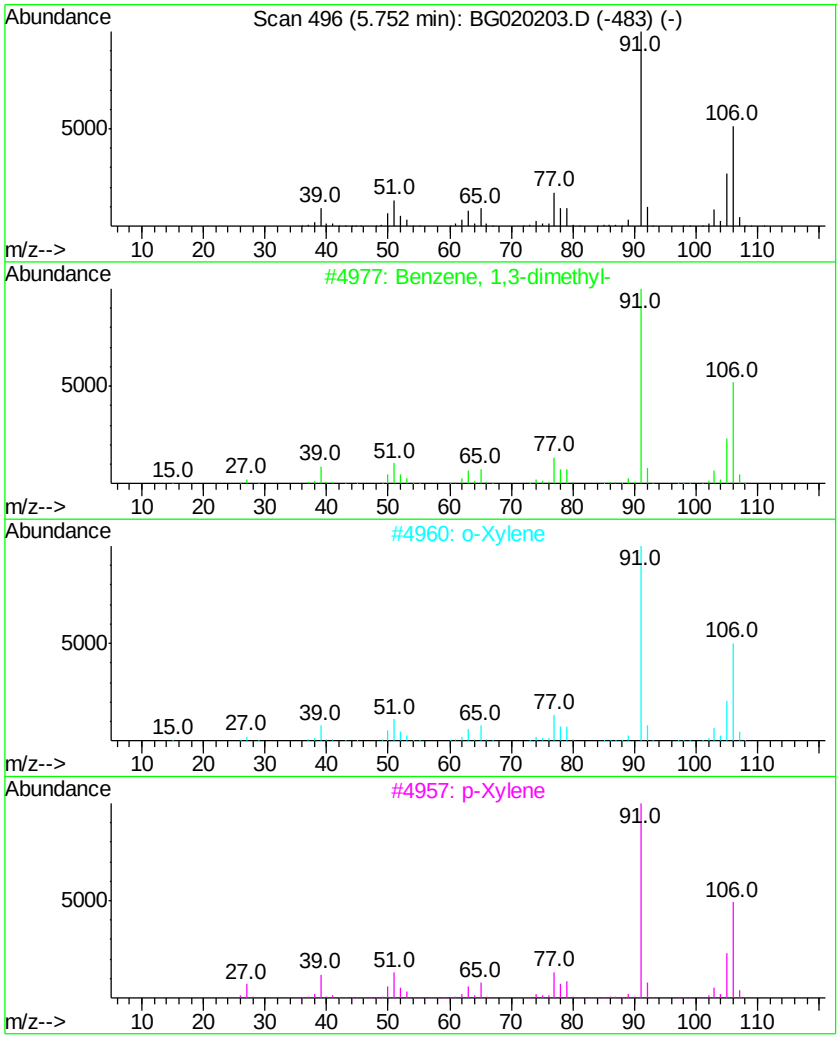
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

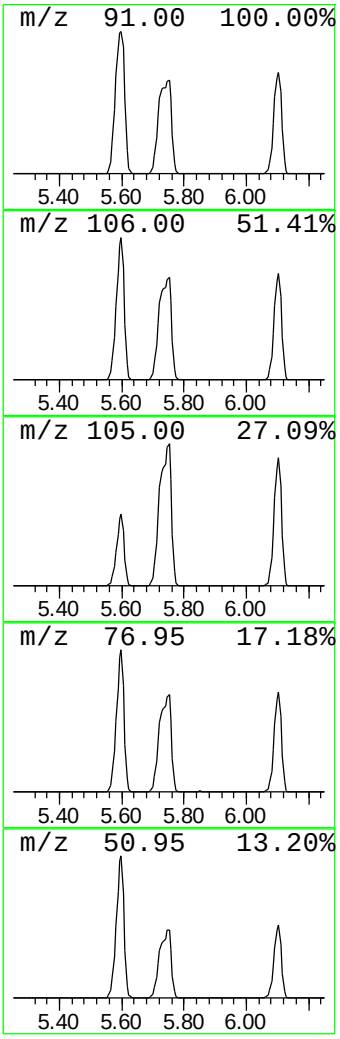
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	929.89 ng/ul	7968300	1,4-Dichlorobenzene-d4	8.10

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	95
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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

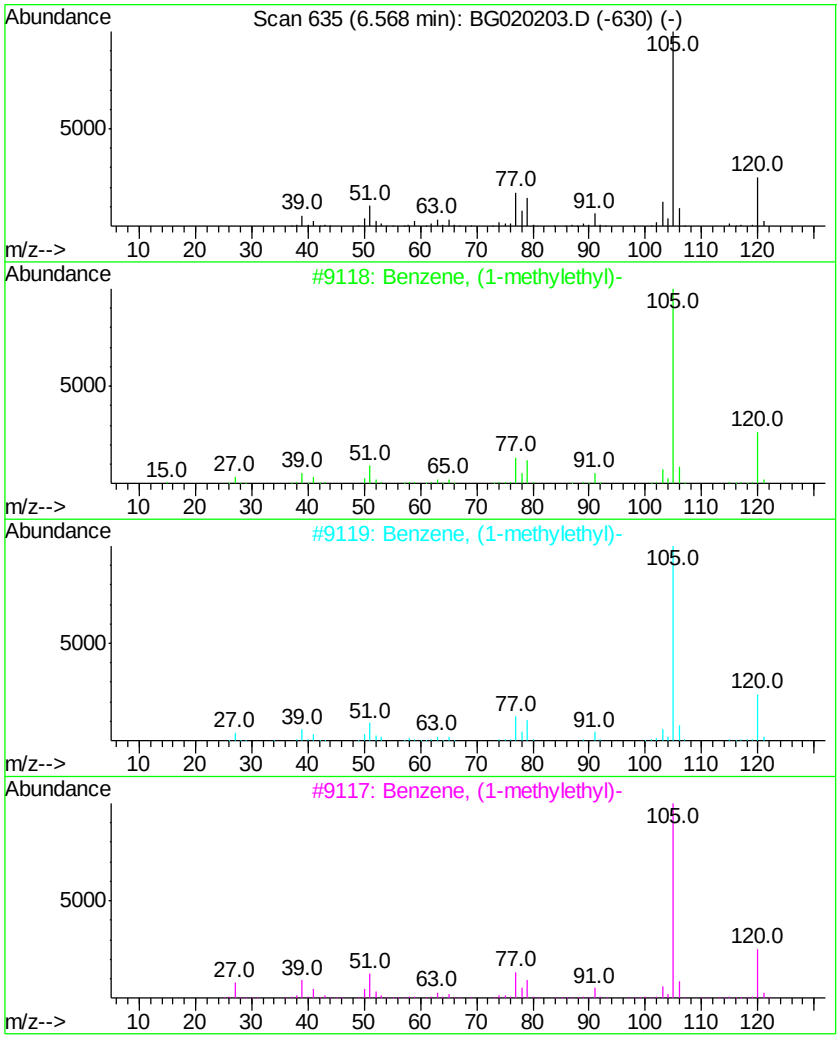
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

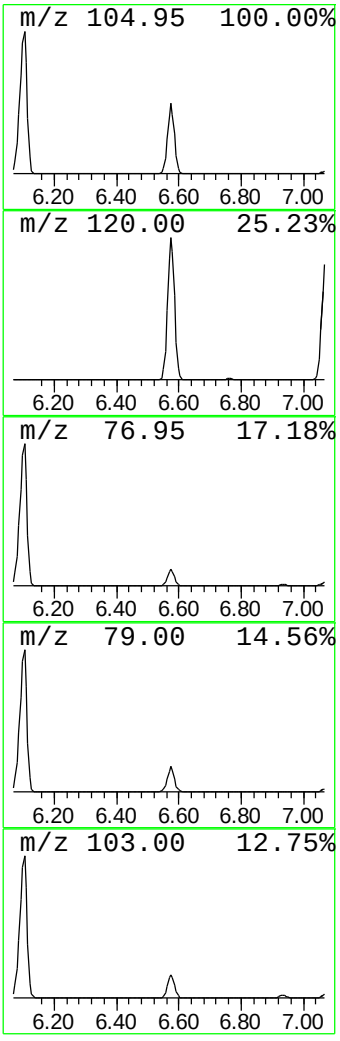
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	49.21 ng/ul	421674	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	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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

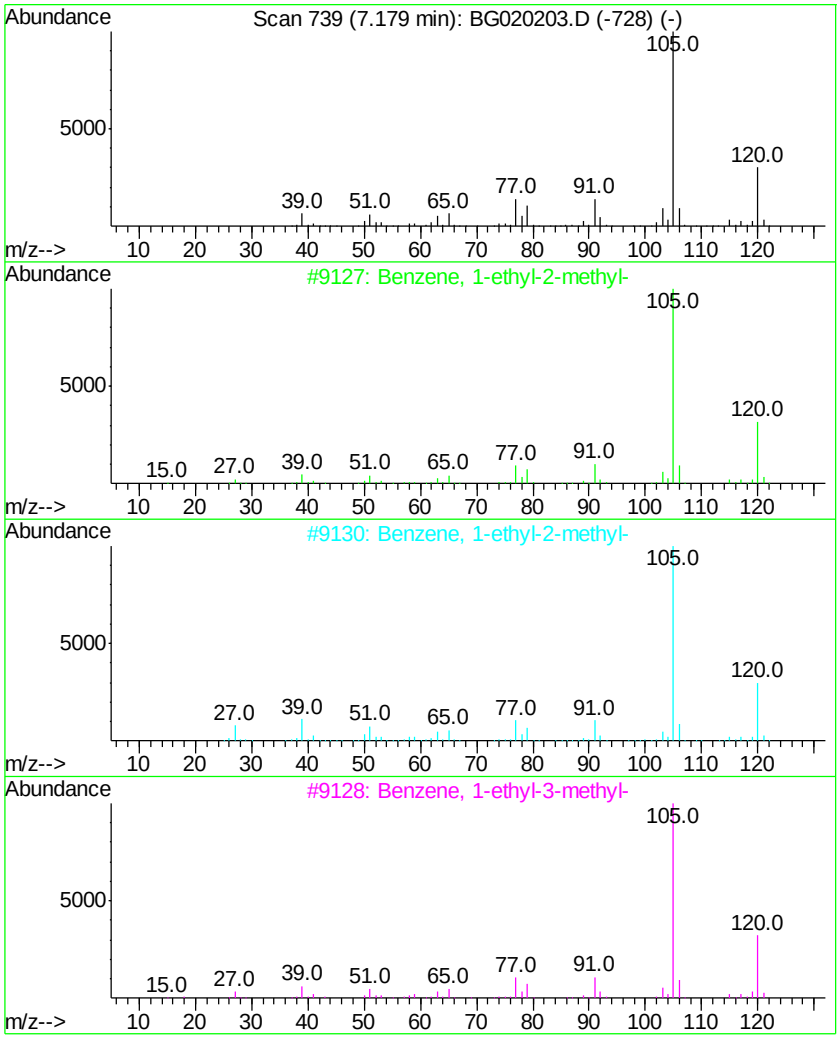
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

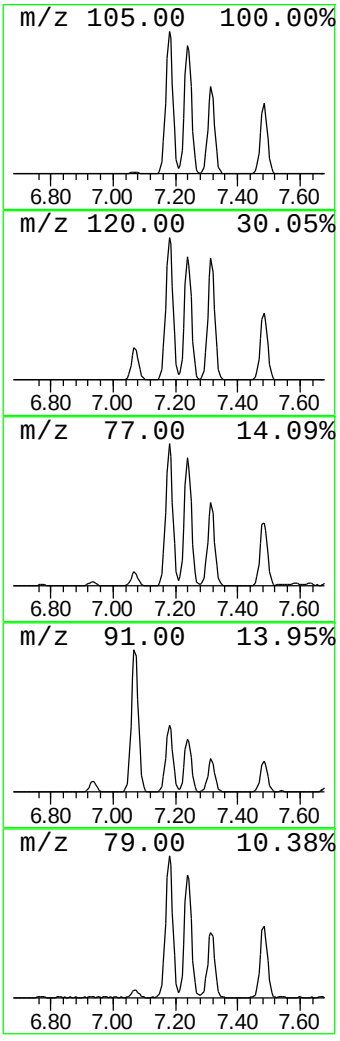
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	163.82 ng/ul	1403780	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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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

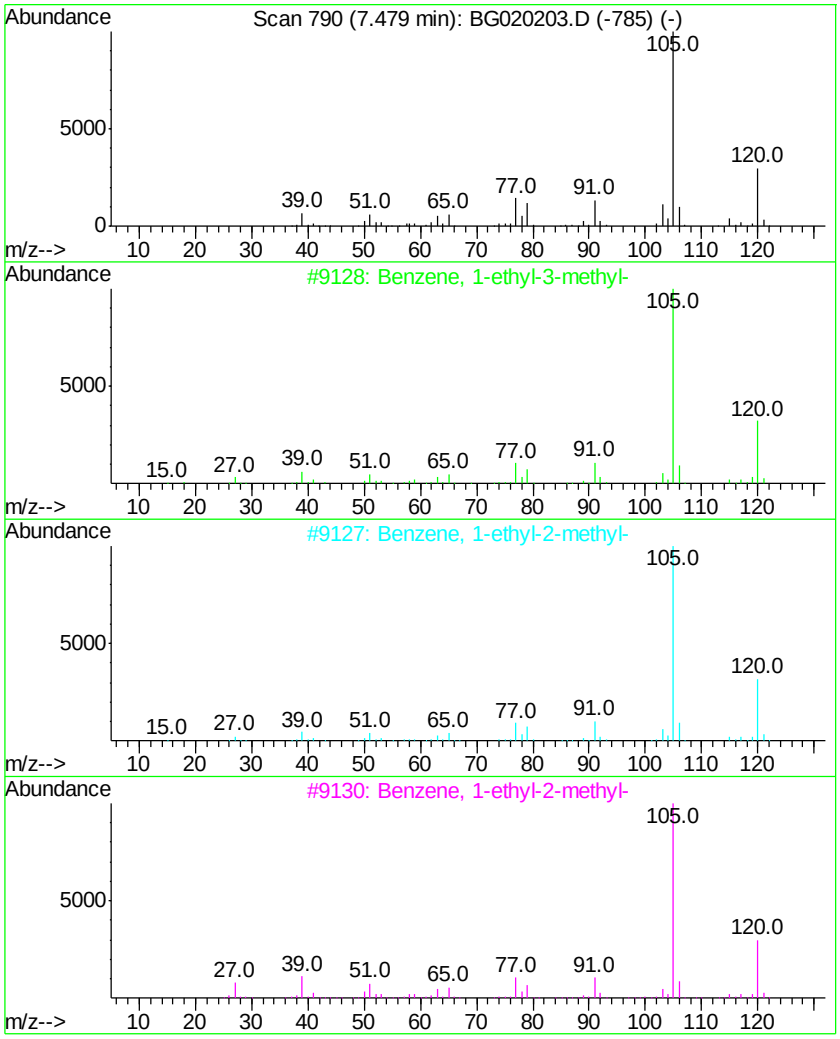
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

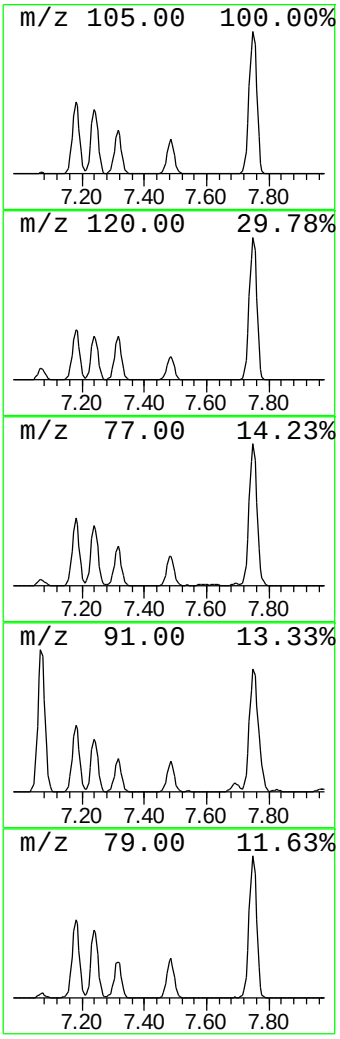
****

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	74.45 ng/ul	638002	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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

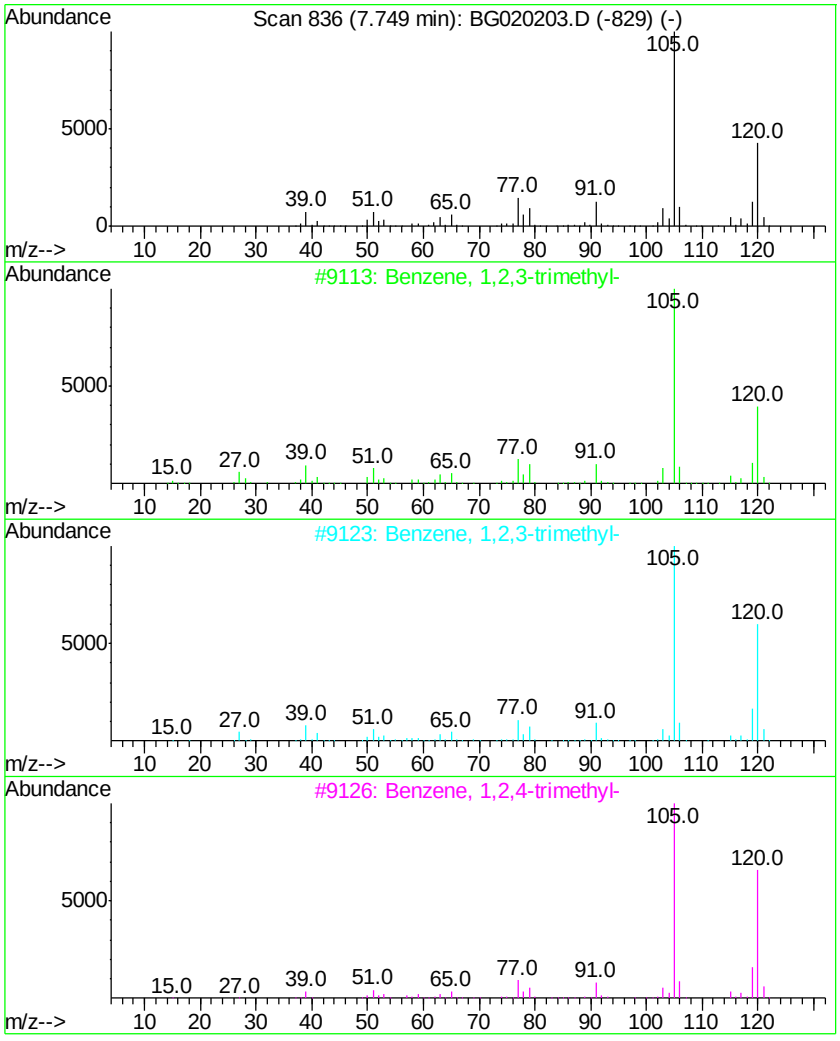
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

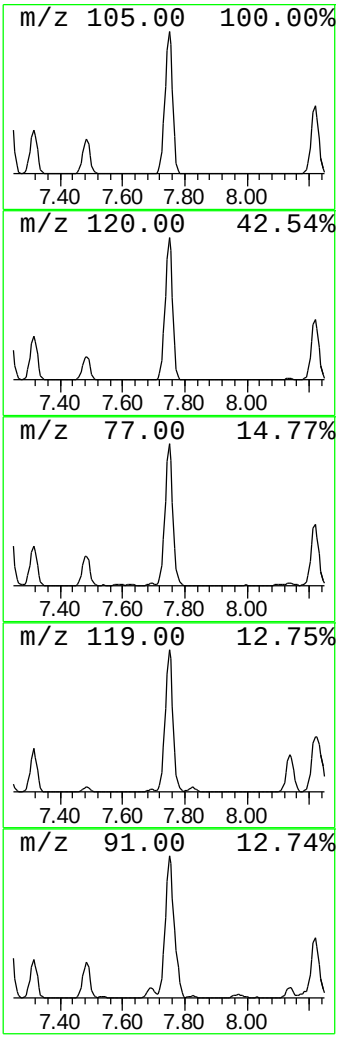
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	410.56 ng/ul	3518150	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





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Operator : UM/SJ
Sample : G4786-14
Misc :
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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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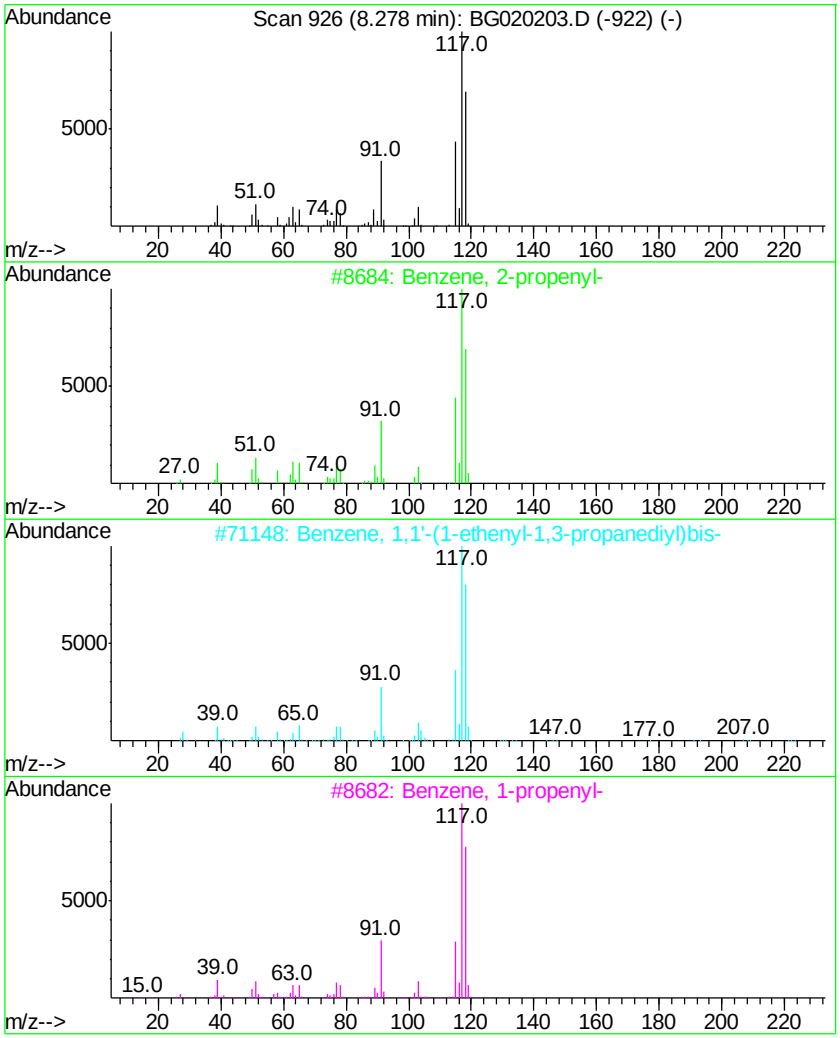
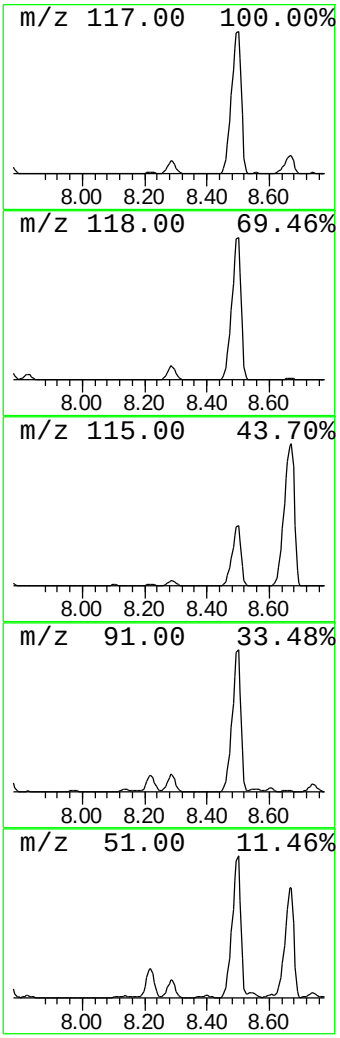
Peak Number 13 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	84.68 ng/ul	725596	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	89
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89





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Misc :
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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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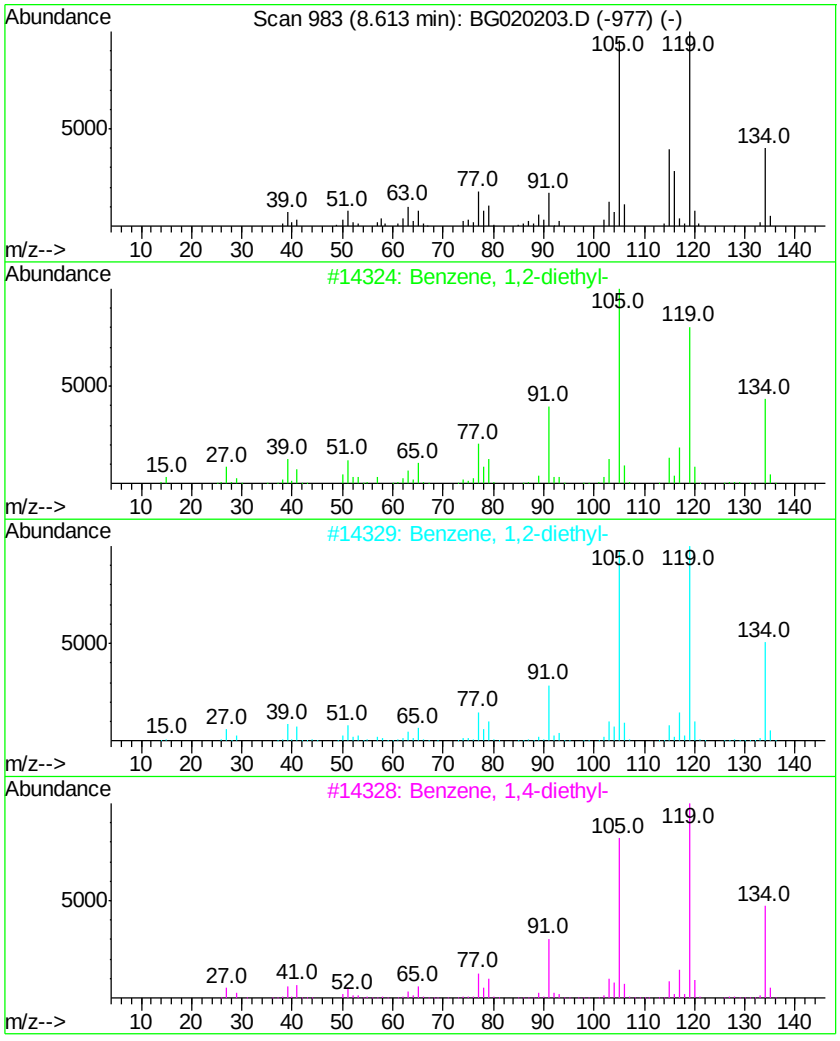
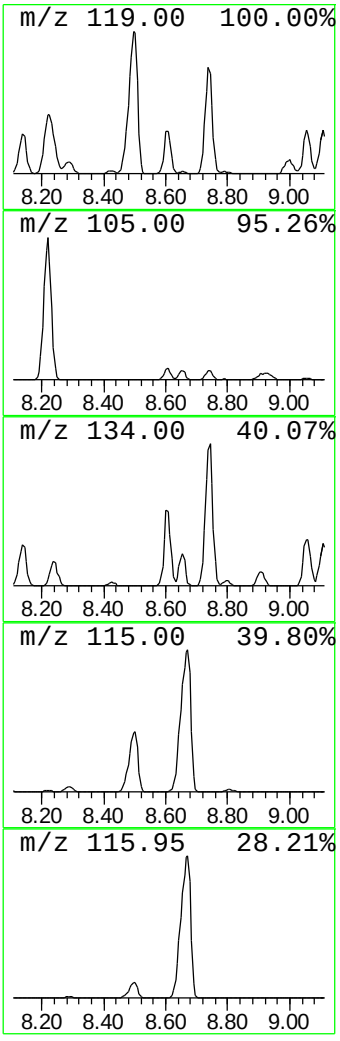
Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	16.74 ng/ul	143454	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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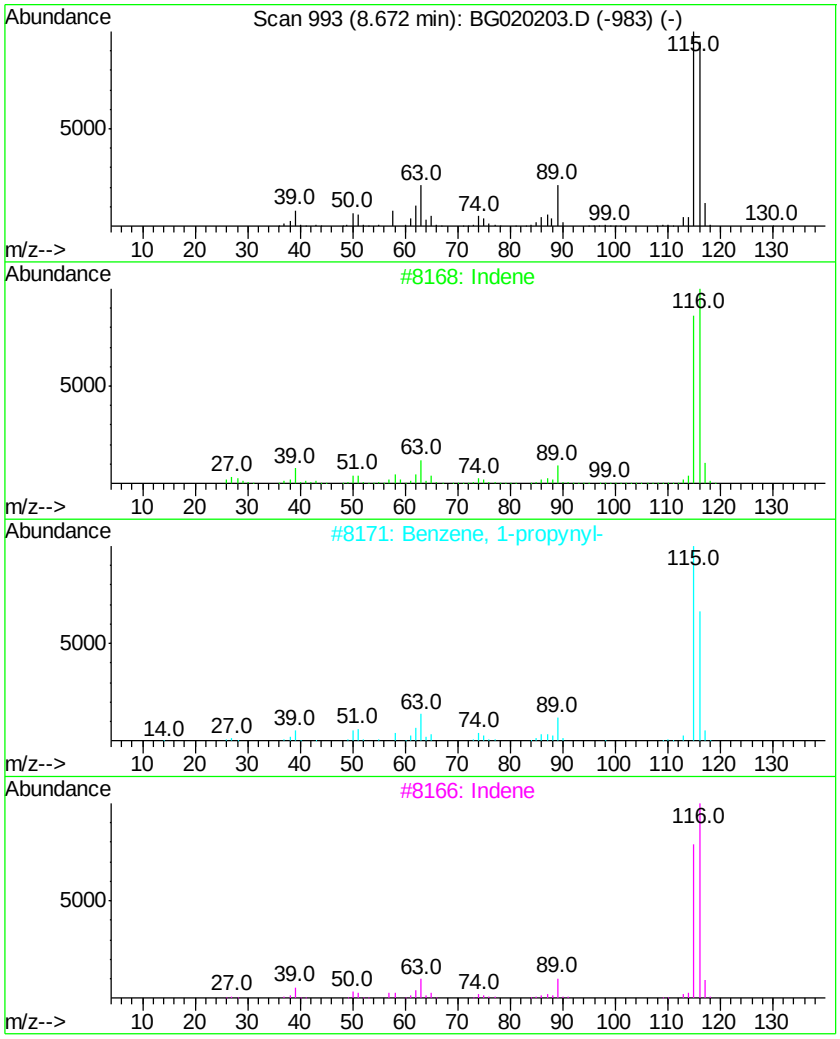
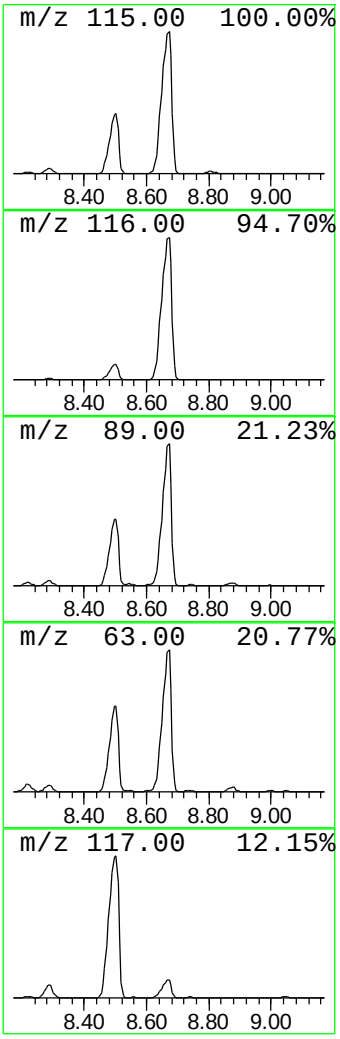
Peak Number 15 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	1035.43 ng/ul	8872630	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Indene	116	C9H8	000095-13-6	91





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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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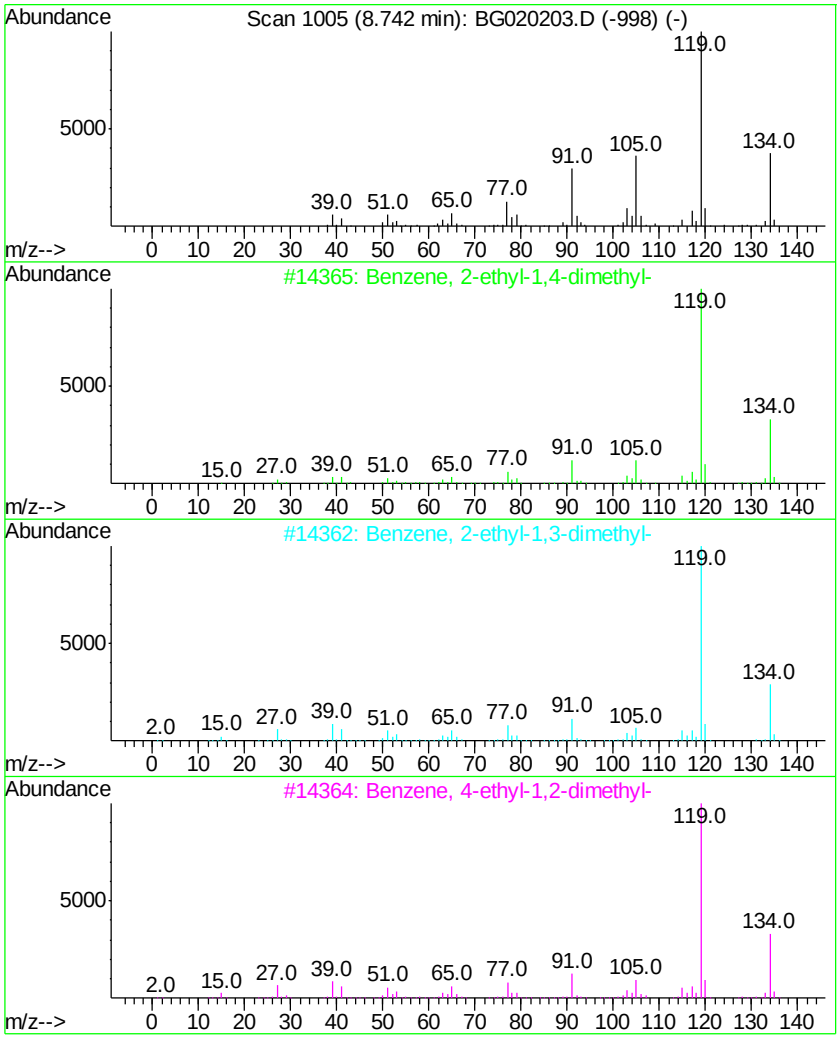
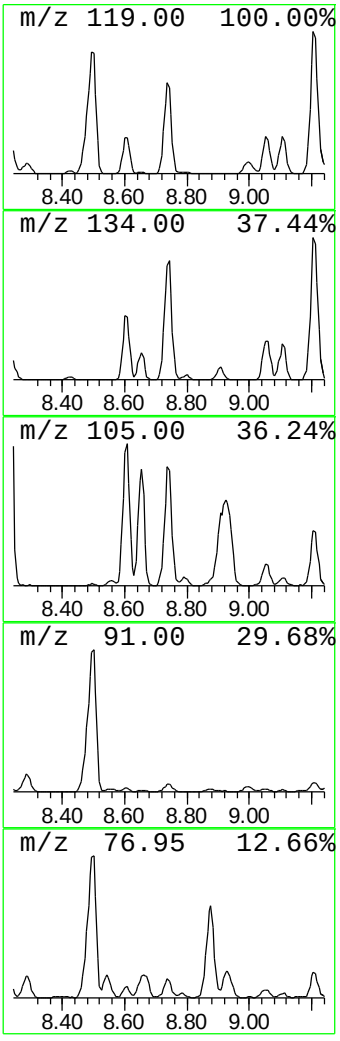
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	39.82 ng/ul	341224	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	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





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Sample : G4786-14
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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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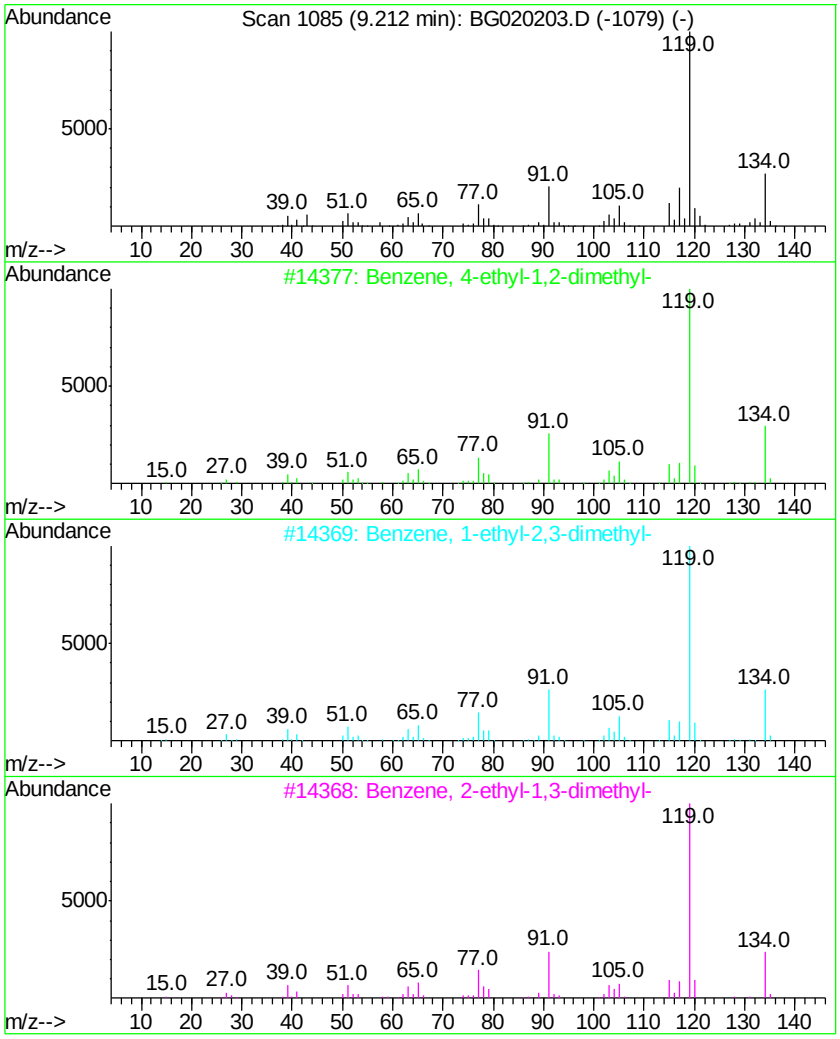
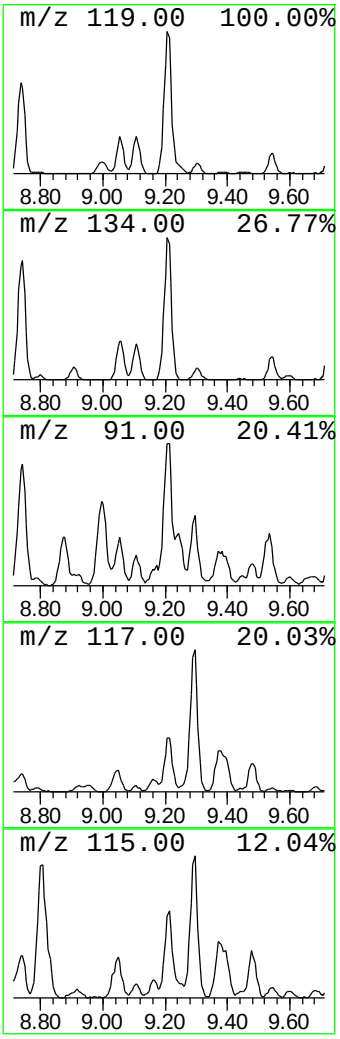
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	57.54 ng/ul	493040	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	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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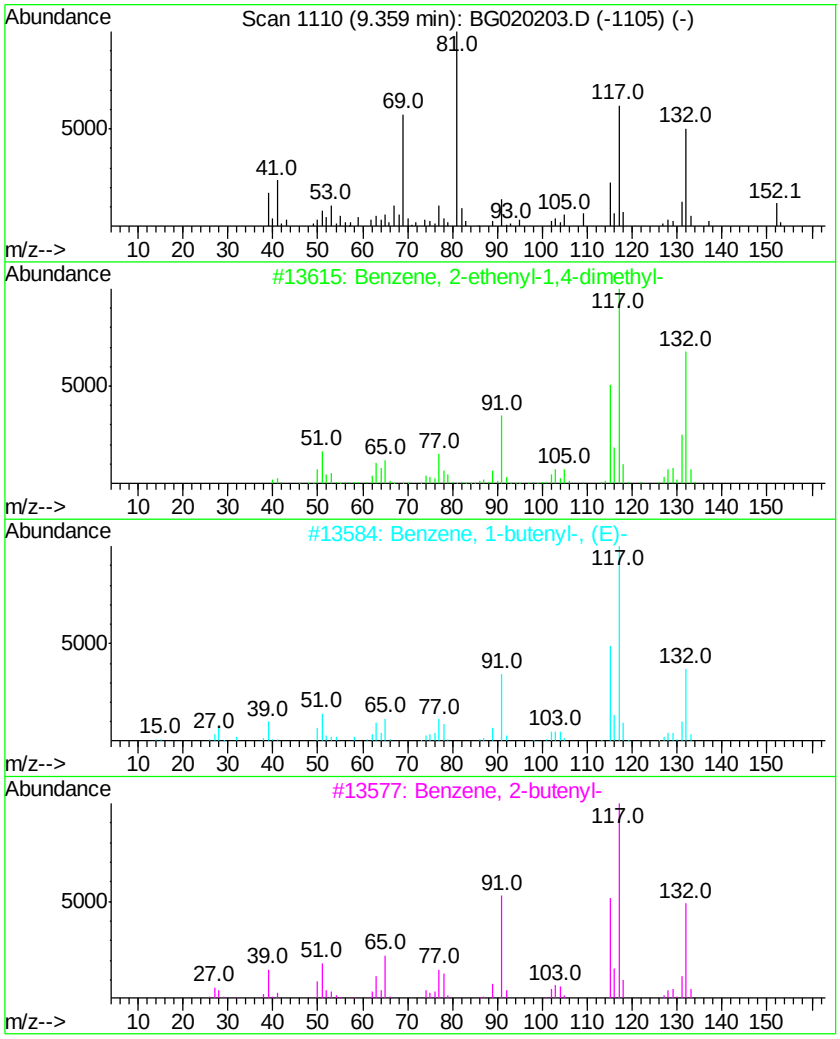
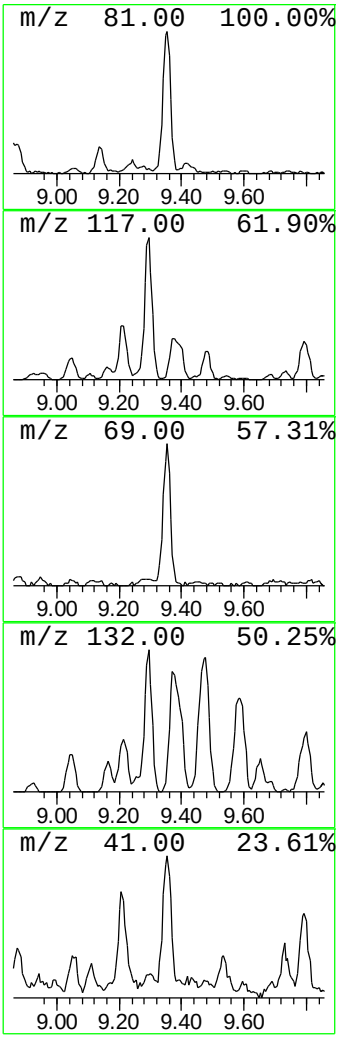
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	28.66 ng/ul	245624	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	97
2	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	96
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	96
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96





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Sample : G4786-14
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Instrument : BNA_G
ClientSampleId : G9C87

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Quant Title : SVOA CALIBRATION

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

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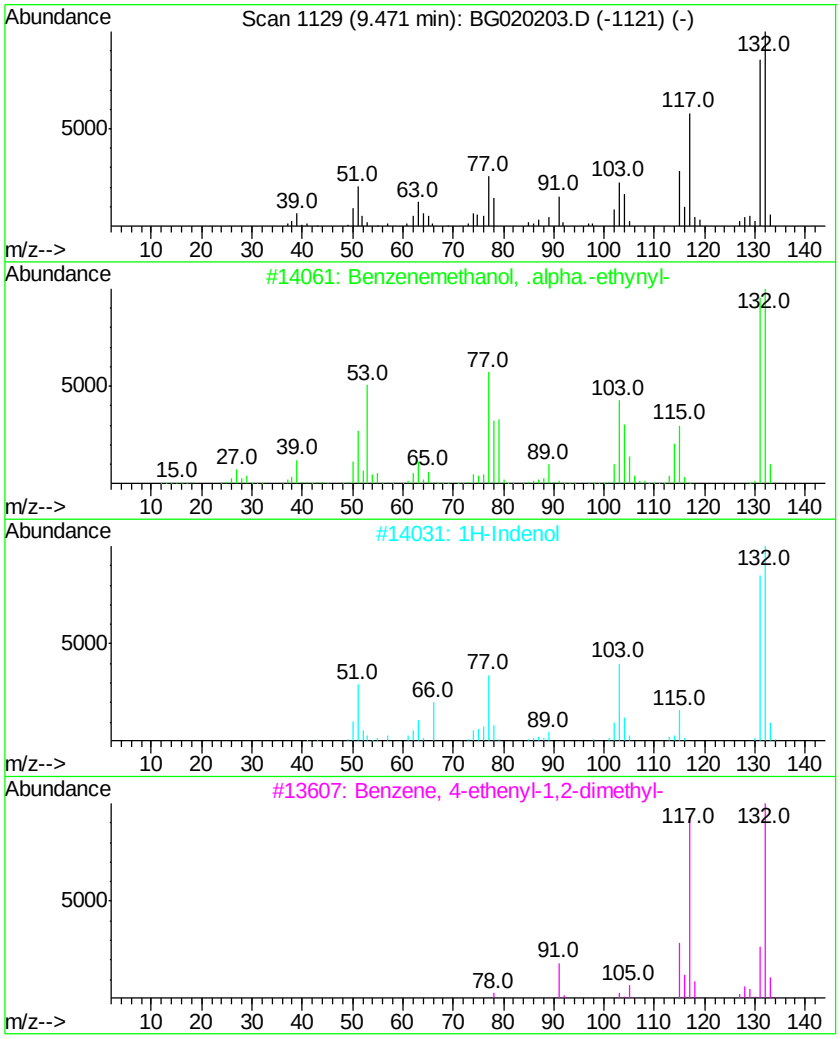
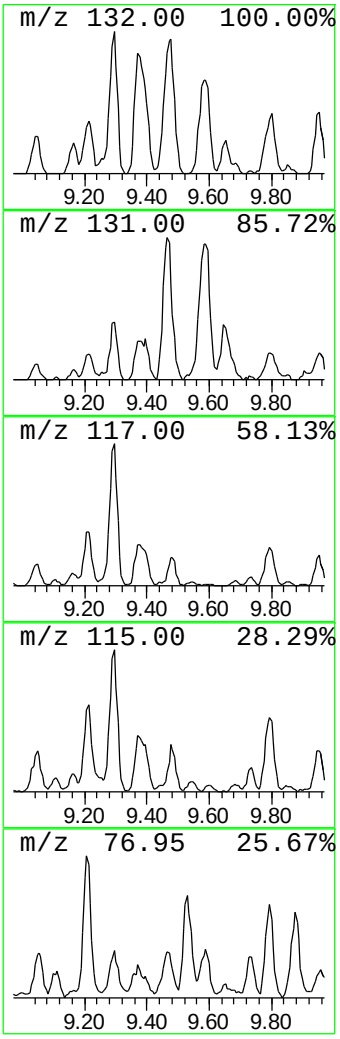
Peak Number 20 Benzenemethanol, .alpha.-et... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	16.85 ng/ul	144382	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	68
2	1H-Indenol	132	C9H8O	056631-57-3	58
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	53
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	50
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	50





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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 Phenol, 2,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	21.98 ng/ul	188336	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
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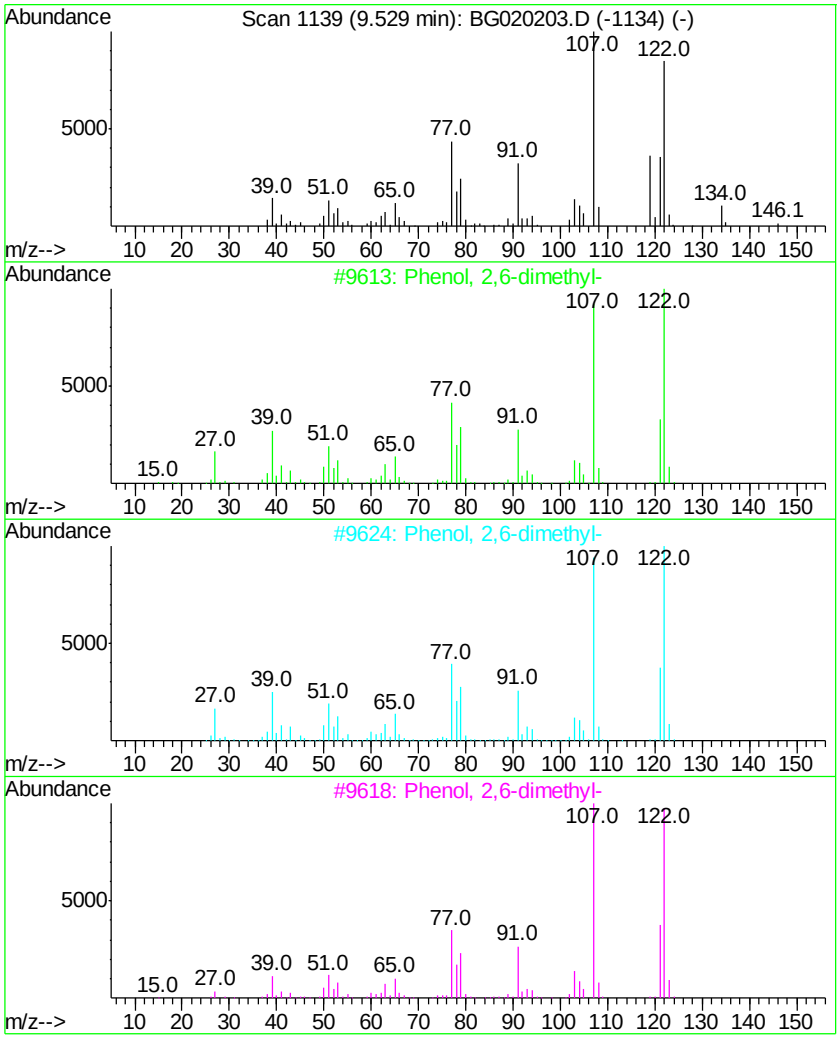

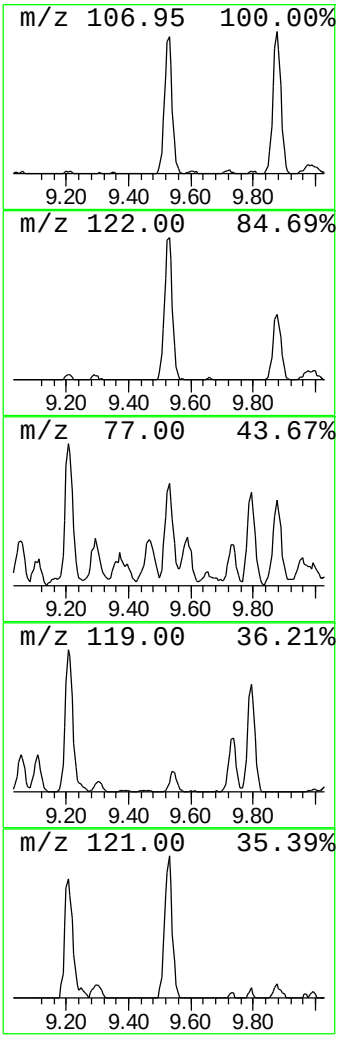

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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 1H-Indene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.46 ng/ul	4791070	Naphthalene-d8	10.96

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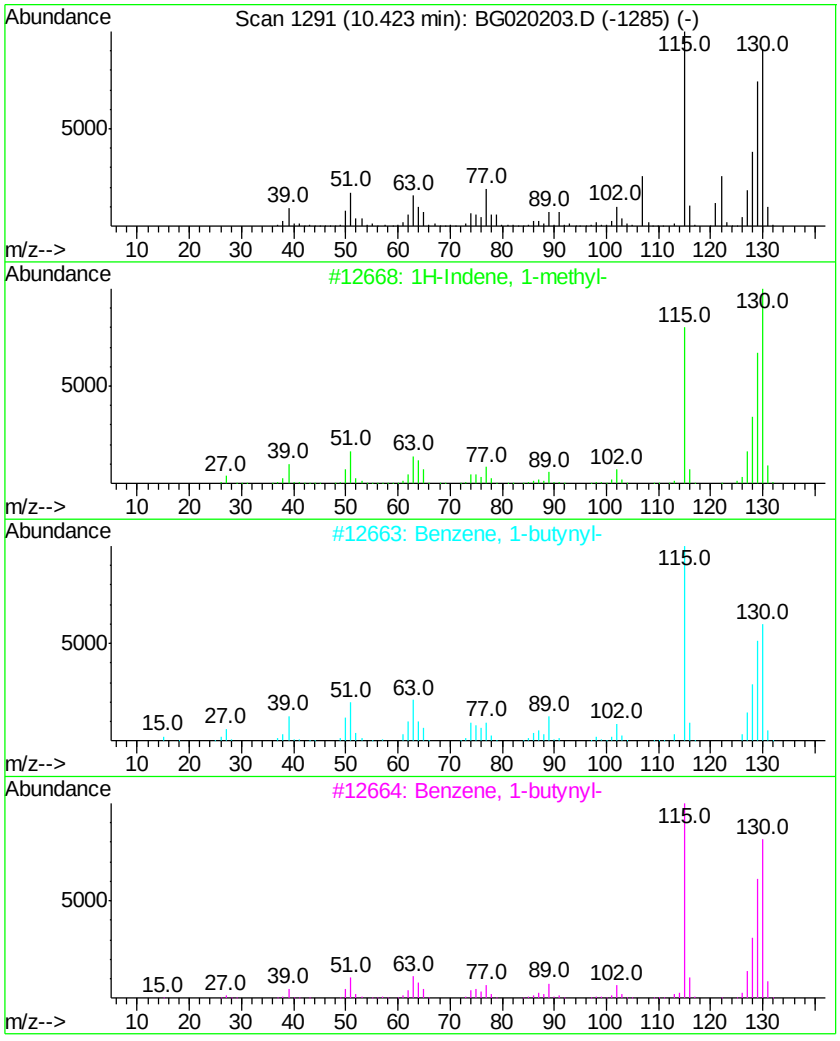

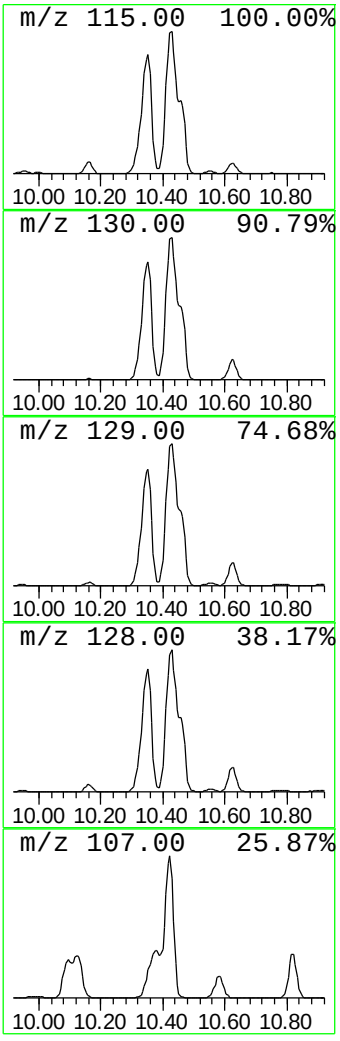

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Quant Title : SVOA CALIBRATION

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

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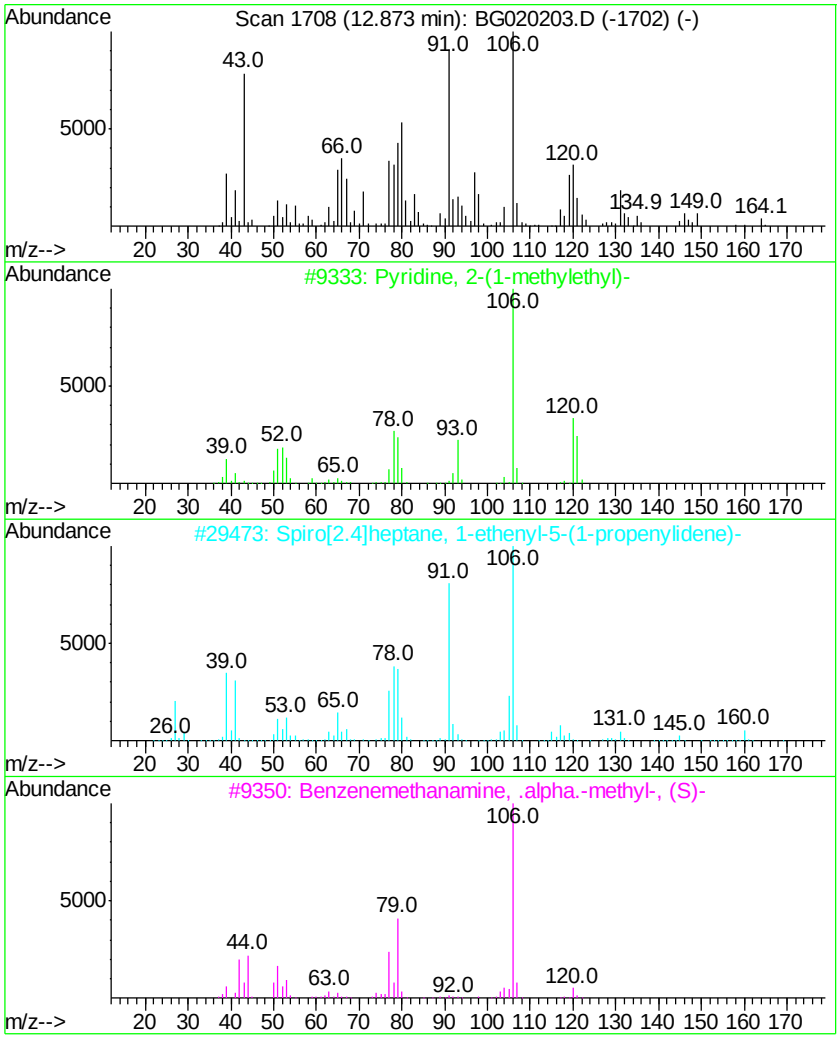
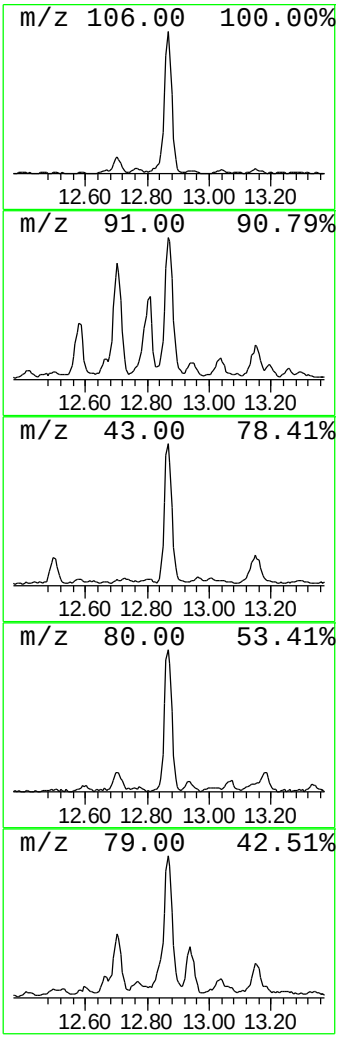
Peak Number 23 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	28.97 ng/ul	647988	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-(1-methylethyl)-	121	C8H11N	000644-98-4	45
2	Spiro[2.4]heptane, 1-ethenyl-5-(...	160	C12H16	074793-03-6	35
3	Benzenemethanamine, .alpha.-meth...	121	C8H11N	002627-86-3	27
4	Bicyclo[3.3.0]oct-3-ene-2-carbox...	182	C10H14O3	1000150-63-9	27
5	Benzeneacetic acid, .alpha.-amin...	151	C8H9NO2	002835-06-5	22





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Quant Title : SVOA CALIBRATION

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

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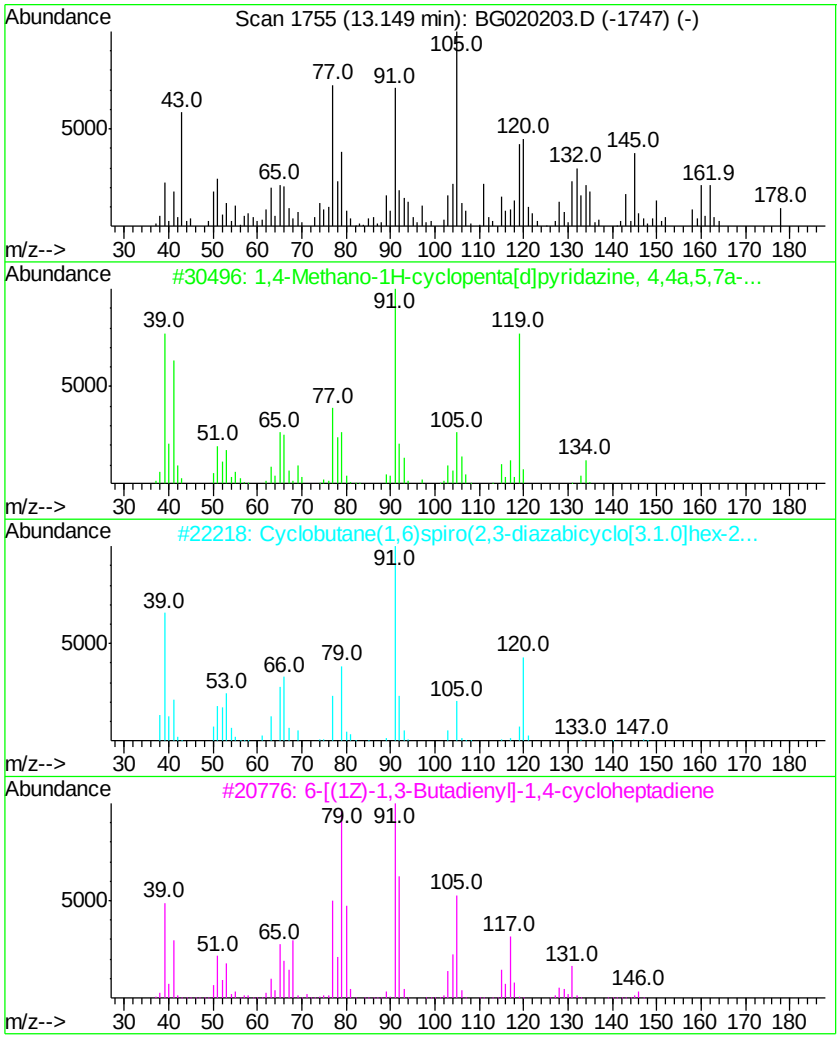
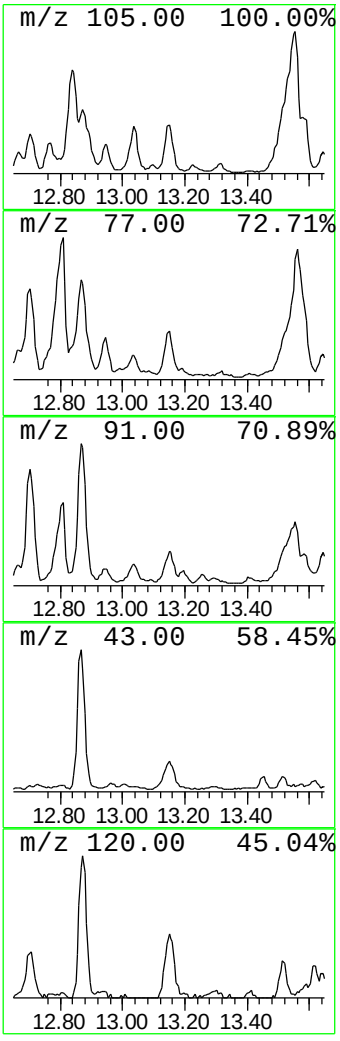
Peak Number 24 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	11.65 ng/ul	260581	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-cyclopenta[d]pyri...	162	C10H14N2	1000221-84-4	27
2	Cyclobutane(1,6)spiro(2,3-diazab...	148	C9H12N2	176172-15-9	27
3	6-[(1Z)-1,3-Butadienyl]-1,4-cycl...	146	C11H14	084899-15-0	20
4	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	15
5	Phthalan	120	C8H8O	000496-14-0	15





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Quant Title : SVOA CALIBRATION

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

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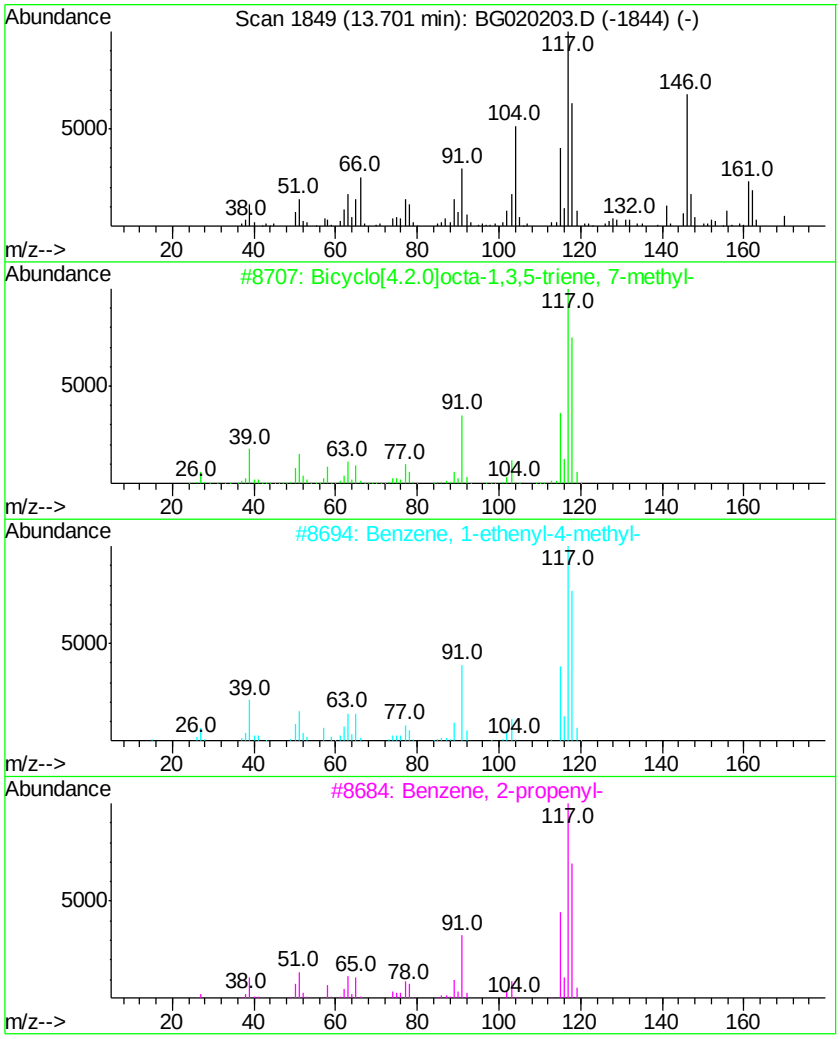
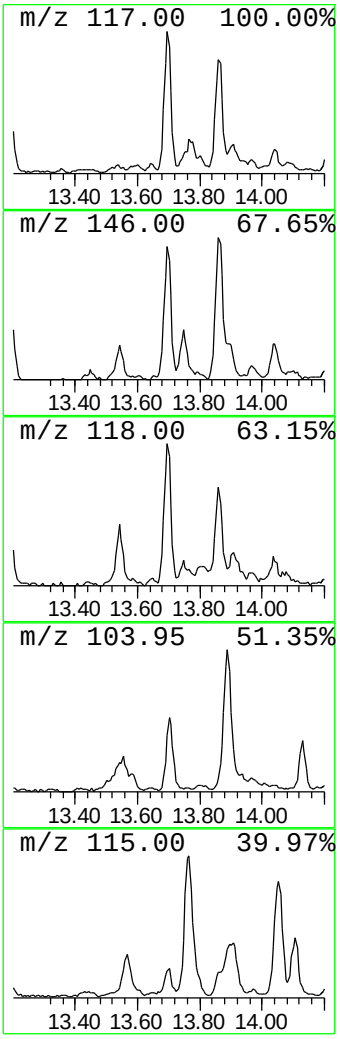
Peak Number 25 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.42 ng/ul	188296	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	66
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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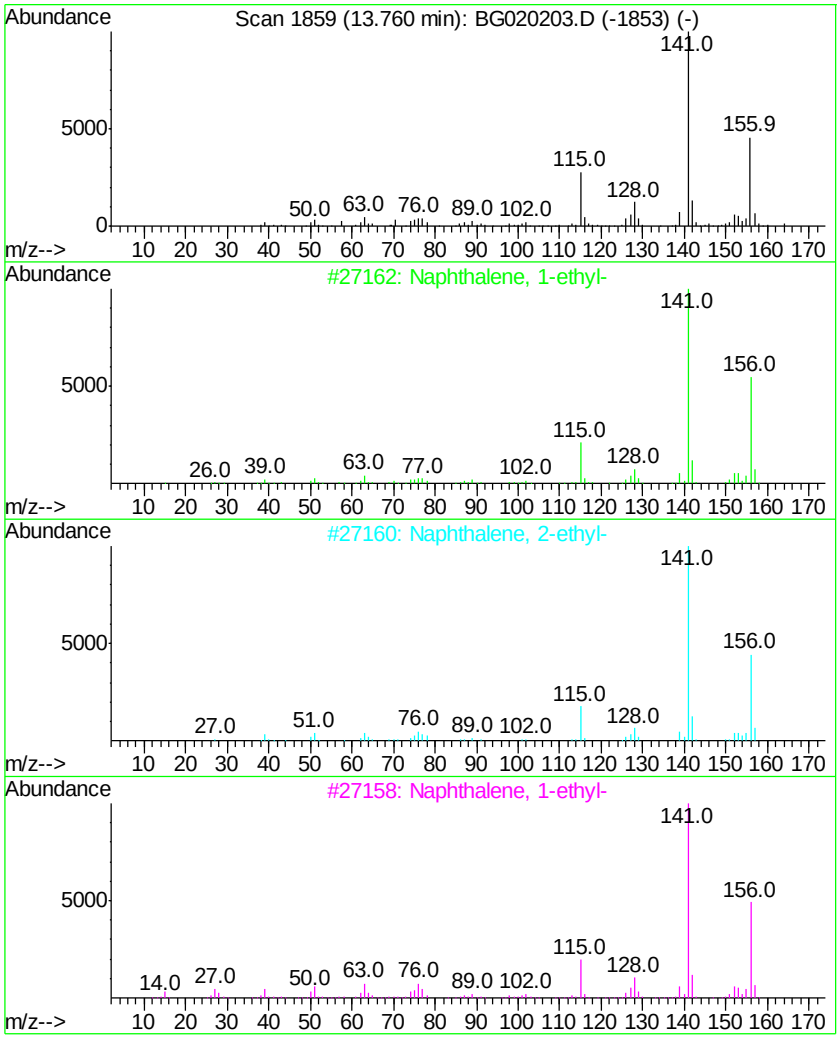
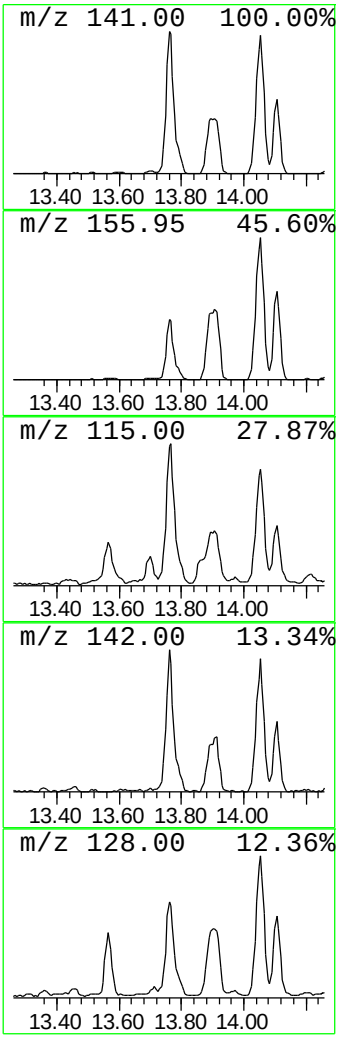
Peak Number 26 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	29.09 ng/ul	650802	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





Library Search Compound Report

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Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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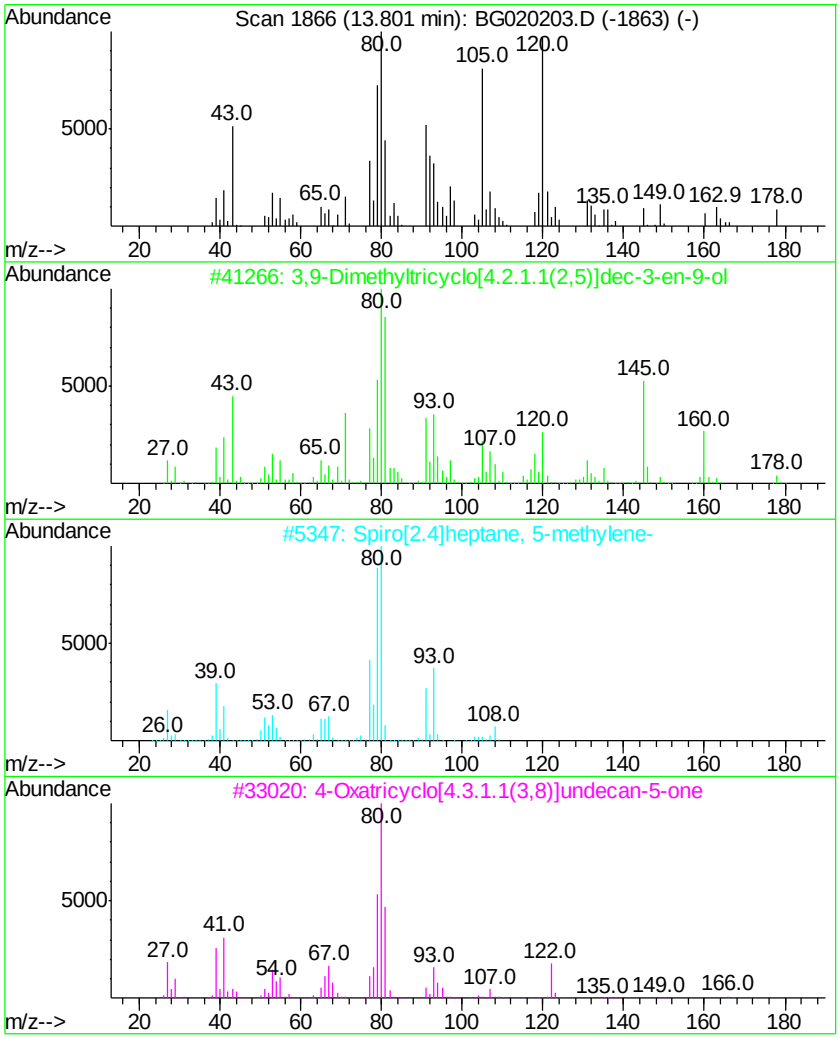
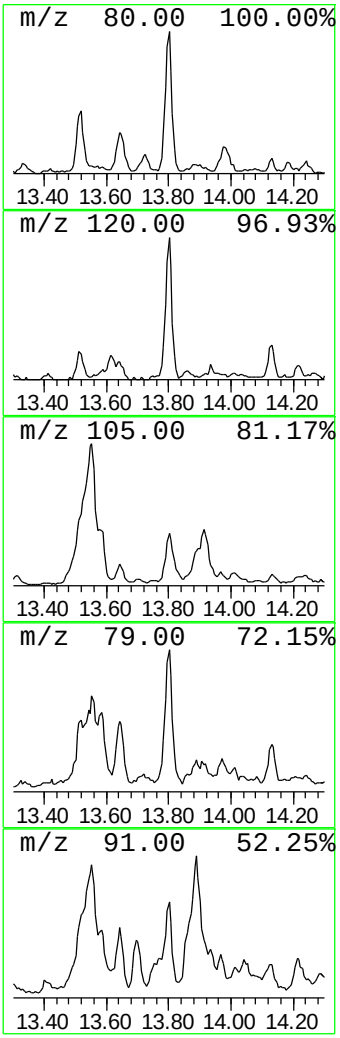
Peak Number 27 3,9-Dimethyltricyclo[4.2.1.... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.88 ng/ul	288156	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethyltricyclo[4.2.1.1(2,5...	178	C12H18O	1000185-61-7	72
2	Spiro[2.4]heptane, 5-methylene-	108	C8H12	037745-07-6	58
3	4-Oxatricyclo[4.3.1.1(3,8)]undec...	166	C10H14O2	021898-84-0	50
4	4-Oxatricyclo[4.3.1.1(3,8)]undec...	166	C10H14O2	021898-84-0	50
5	3-Pyridinemethanamine	108	C6H8N2	003731-52-0	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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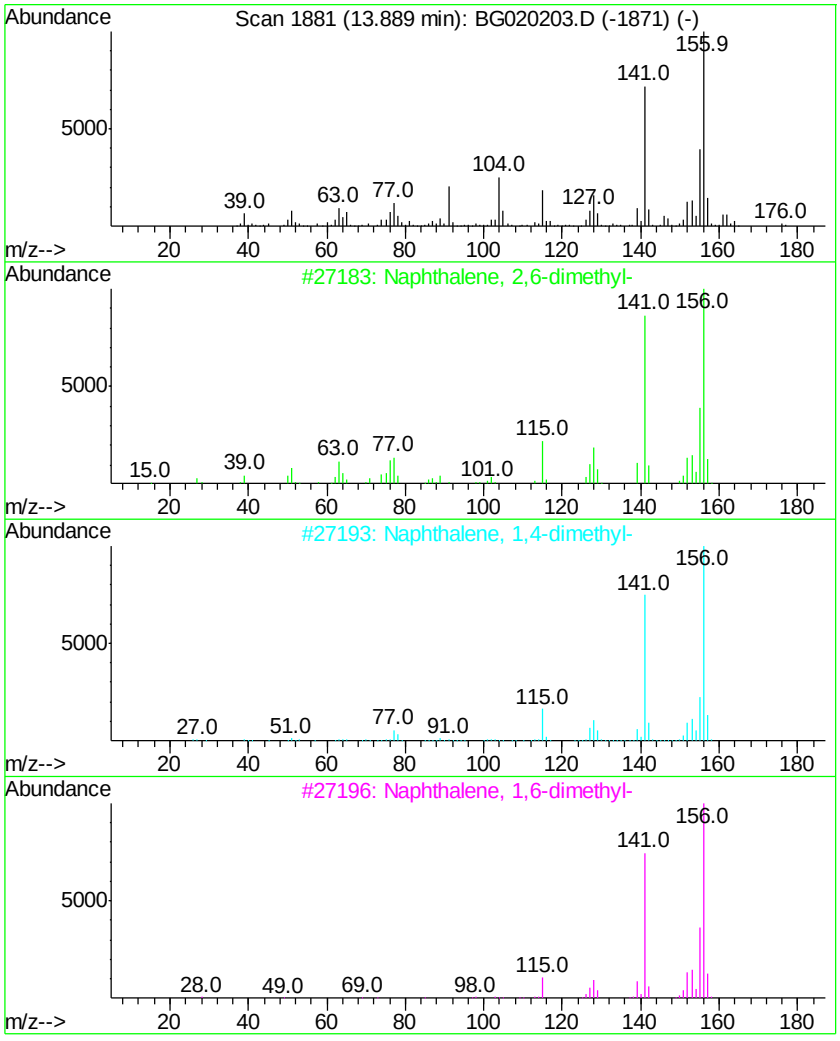
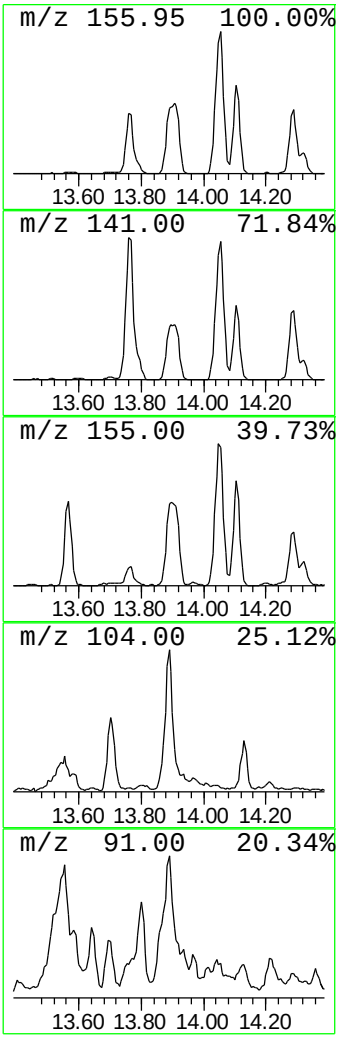
Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	30.86 ng/ul	690467	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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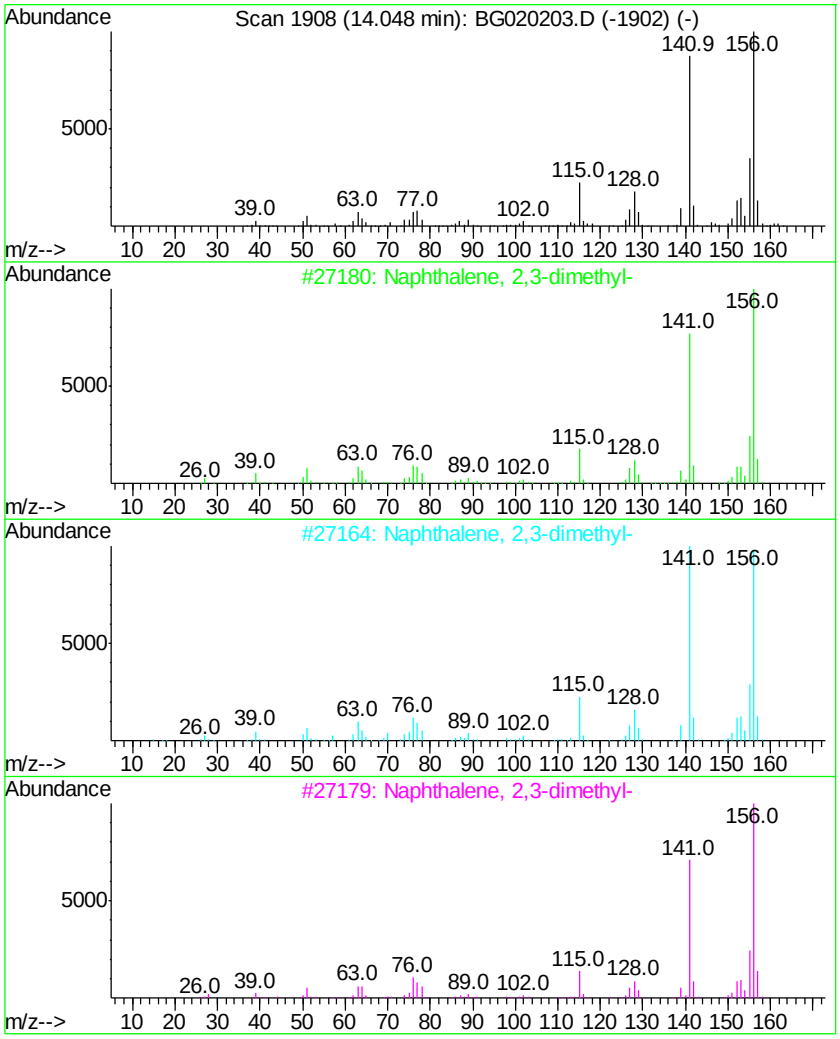
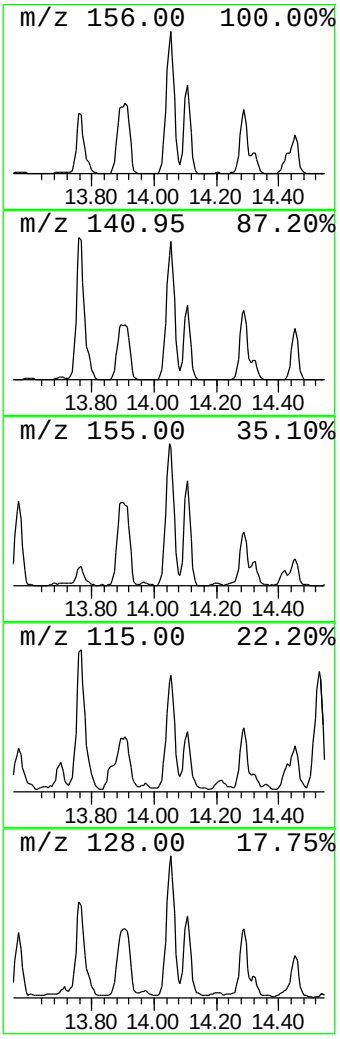
Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	45.31 ng/ul	1013660	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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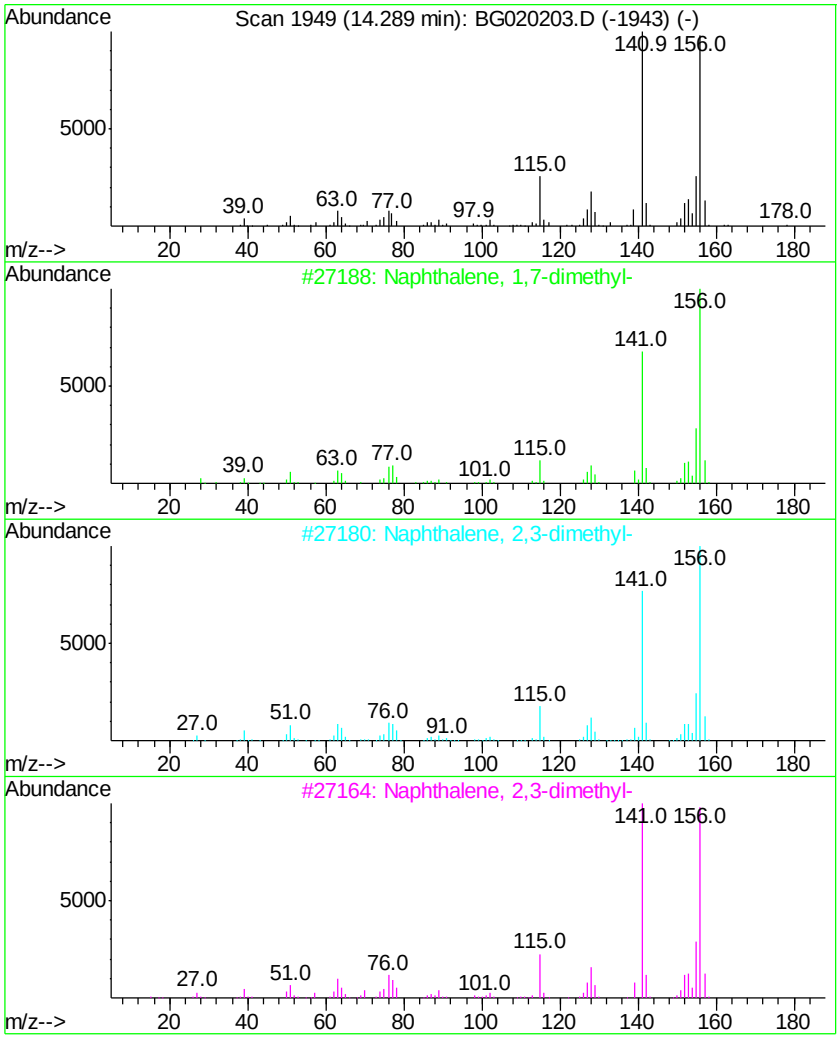
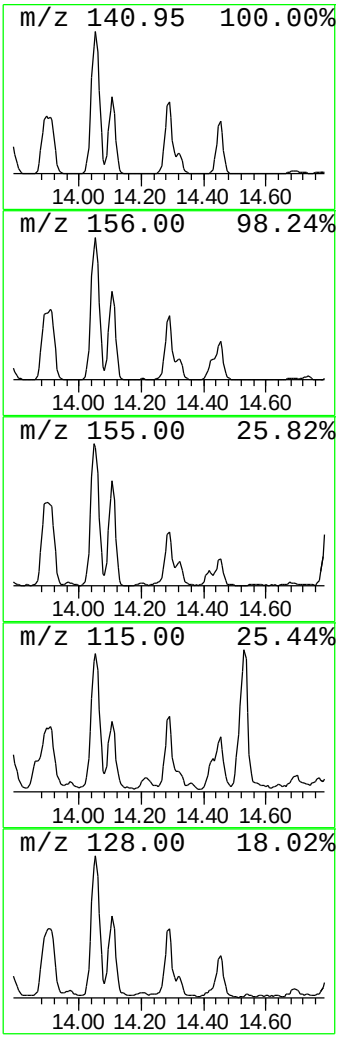
Peak Number 30 Naphthalene, 1,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	18.41 ng/ul	411753	Acenaphthene-d10	14.73

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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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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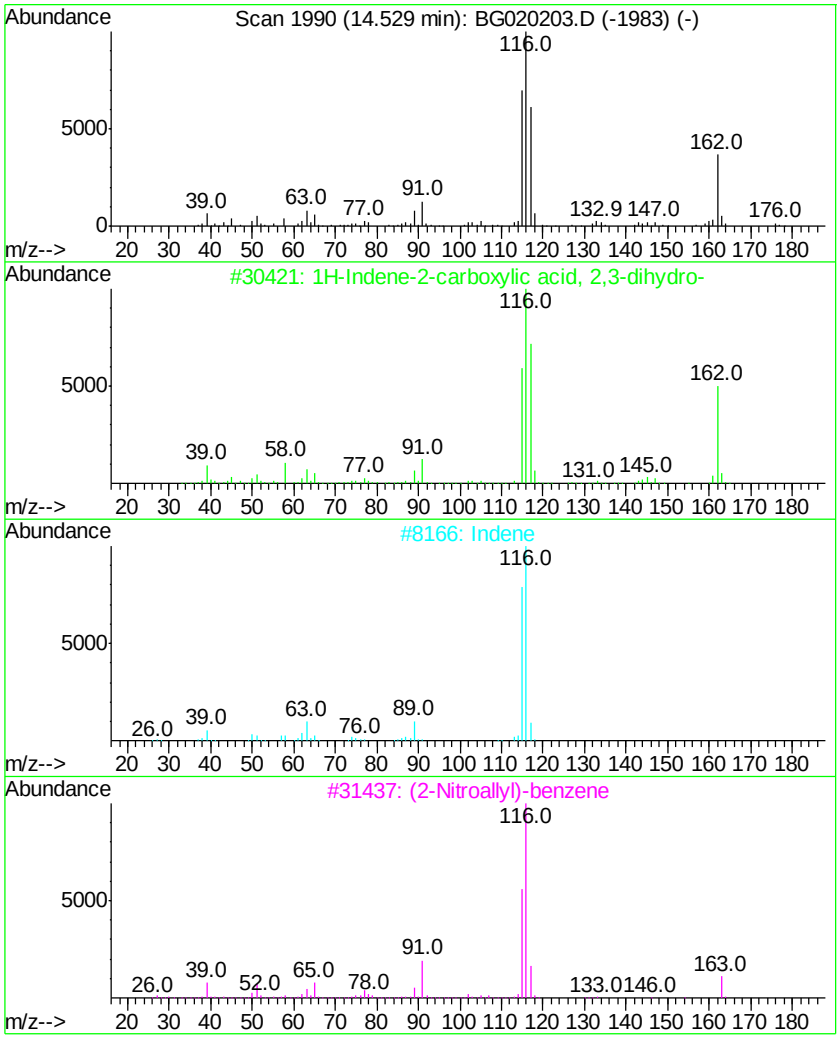
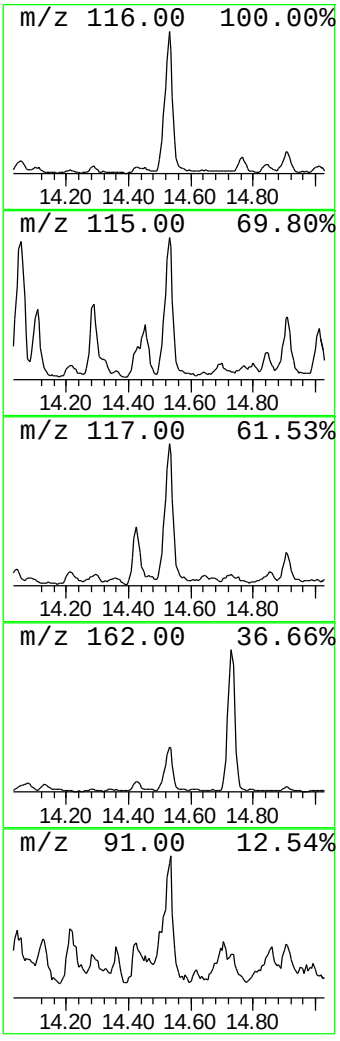
Peak Number 31 1H-Indene-2-carboxylic acid... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	14.37 ng/ul	321572	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-2-carboxylic acid, 2,3...	162	C10H10O2	025177-85-9	70
2	Indene	116	C9H8	000095-13-6	60
3	(2-Nitroallyl)-benzene	163	C9H9NO2	062811-39-6	53
4	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	43
5	(+-)-2-Phenylbutyronitrile	145	C10H11N	069350-73-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
Data File : BG020203.D
Acq On : 15 Dec 2015 23:58
Operator : UM/SJ
Sample : G4786-14
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87

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, 1,3-dime...	5.75	929.9	ng/ul	7968300	1	8.10	171381	20.0
Benzene, (1-methy...	6.57	49.2	ng/ul	421674	1	8.10	171381	20.0
Benzene, 1-ethyl-...	7.18	163.8	ng/ul	1403780	1	8.10	171381	20.0
Benzene, 1-ethyl-...	7.48	74.5	ng/ul	638002	1	8.10	171381	20.0
Benzene, 1,2,3-tr...	7.75	410.6	ng/ul	3518150	1	8.10	171381	20.0
Benzene, 2-propenyl-	8.28	84.7	ng/ul	725596	1	8.10	171381	20.0
Benzene, 1,2-diet...	8.61	16.7	ng/ul	143454	1	8.10	171381	20.0
Indene	8.67	1035.4	ng/ul	8872630	1	8.10	171381	20.0
Benzene, 2-ethyl-...	8.74	39.8	ng/ul	341224	1	8.10	171381	20.0
Benzene, 4-ethyl-...	9.21	57.5	ng/ul	493040	1	8.10	171381	20.0
Benzene, 2-etheny...	9.36	28.7	ng/ul	245624	1	8.10	171381	20.0
Benzenemethanol, ...	9.47	16.9	ng/ul	144382	1	8.10	171381	20.0
Phenol, 2,6-dimet...	9.53	22.0	ng/ul	188336	1	8.10	171381	20.0
1H-Indene, 1-methyl-	10.42	2.5	ng/ul	4791070	2	10.96	39027000	20.0
unknown-01	12.87	29.0	ng/ul	647988	3	14.73	447423	20.0
unknown-02	13.15	11.7	ng/ul	260581	3	14.73	447423	20.0
Bicyclo[4.2.0]oct...	13.70	8.4	ng/ul	188296	3	14.73	447423	20.0
Naphthalene, 1-et...	13.76	29.1	ng/ul	650802	3	14.73	447423	20.0
3,9-Dimethyltricy...	13.80	12.9	ng/ul	288156	3	14.73	447423	20.0
Naphthalene, 2,6-...	13.89	30.9	ng/ul	690467	3	14.73	447423	20.0
Naphthalene, 2,3-...	14.05	45.3	ng/ul	1013660	3	14.73	447423	20.0
Naphthalene, 1,7-...	14.29	18.4	ng/ul	411753	3	14.73	447423	20.0
1H-Indene-2-carbo...	14.53	14.4	ng/ul	321572	3	14.73	447423	20.0