LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.389	107	119	129	rBV	155706	287872	5.81%	0.511%
2	5.147	242	248	257	rVB	35342	65428	1.32%	0.116%
3	5.288	266	272	280	rVB3	28462	57450	1.16%	0.102%
4	5.717	341	345	349	rBV	40314	64893	1.31%	0.115%
5	5.758	349	352	357	rVV	39855	64097	1.29%	0.114%
6	5.811	357	361	368	rVB2	50458	82935	1.67%	0.147%
7	6.116	405	413	417	rBV	1963565	3612888	72.95%	6.407%
8	6.263	429	438	445	rBV	2432480	4219866	85.20%	7.484%
9	6.851	529	538	544	rBV5	34446	77366	1.56%	0.137%
10	7.068	563	575	587	rBV	463892	837185	16.90%	1.485%
11	7.550	650	657	667	rBV	440245	780188	15.75%	1.384%
12	7.714	674	685	692	rBV2	1034092	2136225	43.13%	3.789%
13	7.961	720	727	740	rVV	1104160	1970706	39.79%	3.495%
14	8.102	743	751	759	rVV	937930	1719957	34.73%	3.050%
15	8.214	759	770	778	rVB	2628317	4838293	97.69%	8.581%
16	8.467	802	813	818	rBV2	56667	136993	2.77%	0.243%
17	8.572	824	831	838	rVB	172959	320912	6.48%	0.569%
18	8.684	840	850	865	rVB2	1012498	1923109	38.83%	3.411%
19	8.895	873	886	892	rBV	808798	1636008	33.03%	2.901%
20	8.948	892	895	902	rVB	230684	363783	7.34%	0.645%
21	9.054	907	913	919	rVB	102349	174980	3.53%	0.310%
22	9.207	931	939	944	rBV2	138514	317401	6.41%	0.563%
23	9.254	944	947	957	rVB2	71139	136013	2.75%	0.241%
24	9.365	957	966	972	rBV	164990	304308	6.14%	0.540%
25	9.459	976	982	985	rVV5	29750	57949	1.17%	0.103%
26	9.512	985	991	995	rVV	159332	290056	5.86%	0.514%
27	9.565	995	1000	1008	rVV	263634	519826	10.50%	0.922%
28	9.671	1008	1018	1023	rVV2	251507	497317	10.04%	0.882%
29	9.736	1023	1029	1044	rVB2	689339	1663347	33.58%	2.950%
30	10.006	1066	1075	1091	rVB2	117525	306106	6.18%	0.543%
31	10.194	1101	1107	1112	rBV	116967	211387	4.27%	0.375%
32	10.253	1112	1117	1123	rVB	198920	334765	6.76%	0.594%
33	10.564	1165	1170	1175	rBV5	43506	87396	1.76%	0.155%
34	10.623	1175	1180	1193	rVB	63580	157511	3.18%	0.279%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.776	1193	1206	1212	rBV	399899	804018	16.23%	1.426%
36	10.834	1213	1216	1224	rVB5	35412	75018	1.51%	0.133%
37	10.934	1226	1233	1234	rBV2	30682	57953	1.17%	0.103%
38	11.016	1241	1247	1252	rBV	95865	189763	3.83%	0.337%
39	11.063	1253	1255	1261	rVB	33883	53779	1.09%	0.095%
40	11.246	1278	1286	1291	rBV8	40255	105381	2.13%	0.187%
41	11.393	1298	1311	1314	rBV	293933	676377	13.66%	1.200%
42	11.445	1314	1320	1326	rVV	850602	1751445	35.36%	3.106%
43	11.498	1326	1329	1336	rVB4	127406	225928	4.56%	0.401%
44	11.645	1347	1354	1366	rVV5	54455	145201	2.93%	0.258%
45	11.751	1366	1372	1375	rVV4	29788	67288	1.36%	0.119%
46	11.798	1375	1380	1386	rVB6	51194	113412	2.29%	0.201%
47	12.221	1446	1452	1455	rBV6	23730	49724	1.00%	0.088%
48	12.462	1489	1493	1502	rVB4	31410	74150	1.50%	0.132%
49	12.550	1503	1508	1514	rVB4	31980	59156	1.19%	0.105%
50	12.620	1515	1520	1529	rBV4	36242	91297	1.84%	0.162%
51	12.855	1555	1560	1564	rVV7	64576	125694	2.54%	0.223%
52	13.008	1579	1586	1591	rBV	468809	782845	15.81%	1.388%
53	13.067	1591	1596	1603	rVB4	67658	139746	2.82%	0.248%
54	13.220	1615	1622	1631	rVV	307734	621585	12.55%	1.102%
55	13.326	1632	1640	1651	rVB	209646	500866	10.11%	0.888%
56	13.449	1655	1661	1665	rBV8	45042	113889	2.30%	0.202%
57	13.619	1685	1690	1701	rBV2	88477	210384	4.25%	0.373%
58	13.784	1710	1718	1725	rBV	2060772	3504872	70.76%	6.216%
59	13.919	1735	1741	1746	rBV	125794	255863	5.17%	0.454%
60	13.972	1747	1750	1761	rVB2	75549	169776	3.43%	0.301%
61	14.119	1771	1775	1776	rBV	42811	51409	1.04%	0.091%
62	14.148	1777	1780	1784	rVB2	51720	78078	1.58%	0.138%
63	14.277	1799	1802	1804	rBV	45999	61748	1.25%	0.110%
64	14.430	1824	1828	1829	rBV4	41360	51780	1.05%	0.092%
65	14.477	1832	1836	1841	rVV3	105891	242579	4.90%	0.430%
66	14.524	1841	1844	1850	rVV4	76668	137191	2.77%	0.243%
67	14.589	1850	1855	1861	rVB	244154	376795	7.61%	0.668%
68	14.765	1879	1885	1892	rVB5	131284	262200	5.29%	0.465%
69	14.841	1893	1898	1899	rVV5	27309	50295	1.02%	0.089%
70	14.871	1900	1903	1907	rVV4	67344	113367	2.29%	0.201%
71	14.918	1907	1911	1924	rVB2	125954	308682	6.23%	0.547%

LSC Area Percent Report

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Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.153	1941	1951	1958	rBV2	494413	945136	19.08%	1.676%
73	15.270	1966	1971	1974	rBV	48230	84439	1.70%	0.150%
74	15.317	1975	1979	1985	rVB3	68189	121344	2.45%	0.215%
75	15.611	2024	2029	2033	rBV5	50964	107161	2.16%	0.190%
76	15.652	2033	2036	2040	rVV2	50955	86035	1.74%	0.153%
77	15.687	2040	2042	2049	rVB7	40574	58162	1.17%	0.103%
78	15.764	2049	2055	2060	rBV6	49914	98370	1.99%	0.174%
79	15.840	2064	2068	2072	rVB2	37049	57301	1.16%	0.102%
80	16.633	2196	2203	2215	rBV	1777113	2871383	57.97%	5.092%
81	16.821	2231	2235	2238	rBV2	36027	57128	1.15%	0.101%
82	17.621	2367	2371	2377	rBV2	29272	51232	1.03%	0.091%
83	17.903	2413	2419	2428	rVB2	562024	962071	19.42%	1.706%
84	18.361	2493	2497	2503	rVB	48893	75113	1.52%	0.133%
85	18.754	2559	2564	2572	rBV	242987	379188	7.66%	0.672%
86	20.012	2773	2778	2789	rBV	147804	242070	4.89%	0.429%
87	20.482	2852	2858	2865	rBV	3474203	4952883	100.00%	8.784%
88	21.863	3090	3093	3103	rVB	30524	62310	1.26%	0.111%
89	22.291	3159	3166	3177	rVB	606827	1158828	23.40%	2.055%
90	25.993	3786	3796	3809	rVB3	320887	1062276	21.45%	1.884%

Sum of corrected areas: 56386480

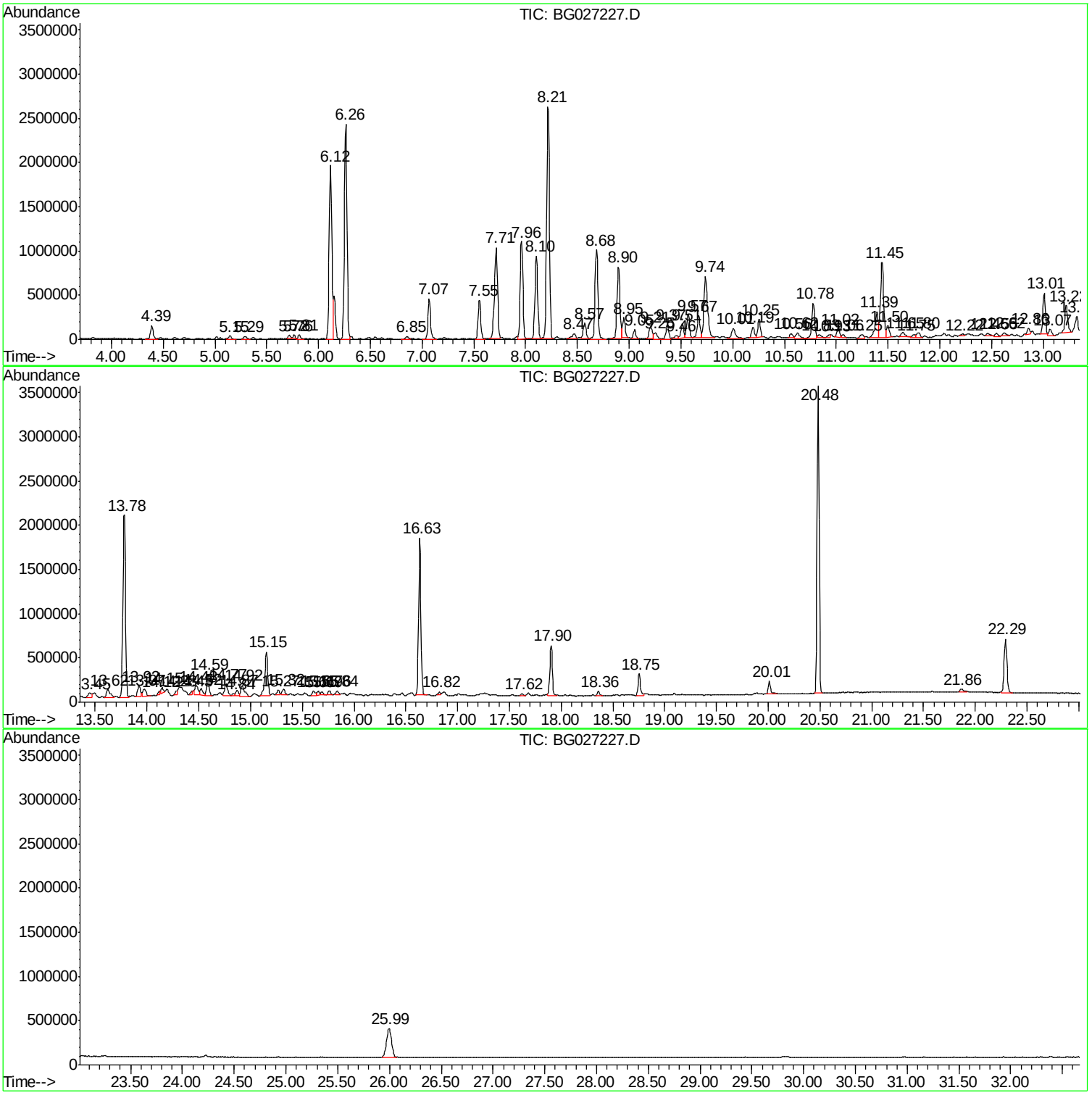
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

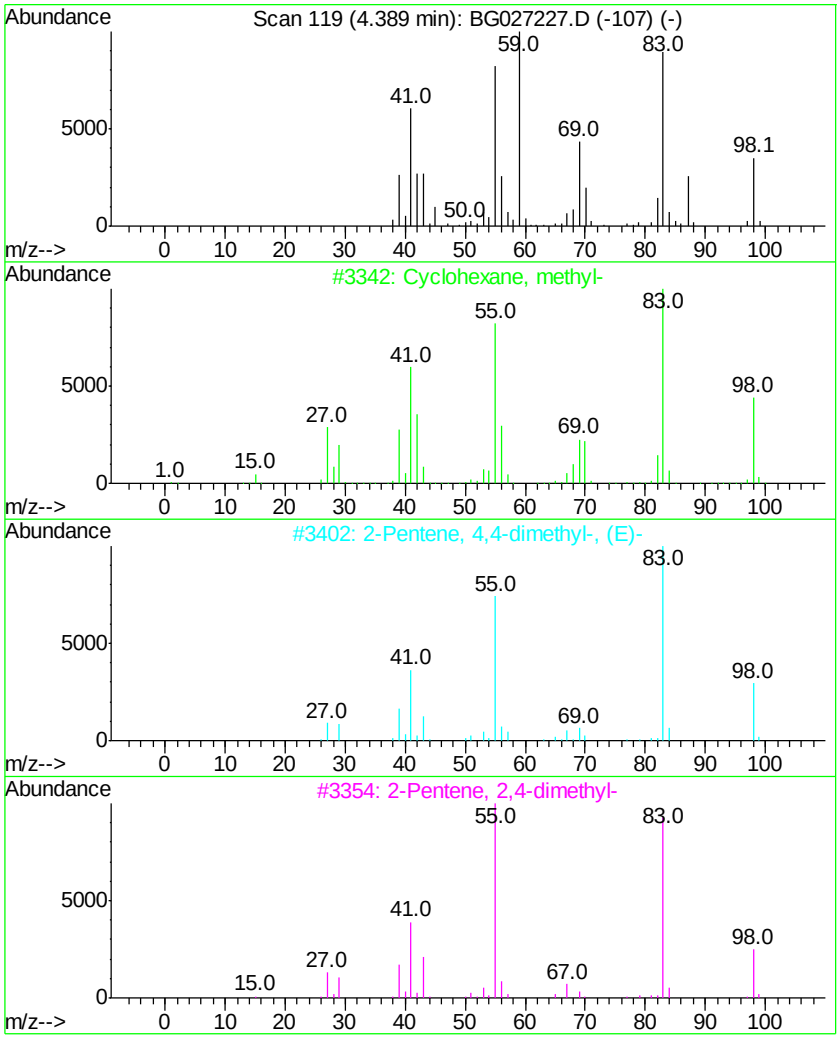
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

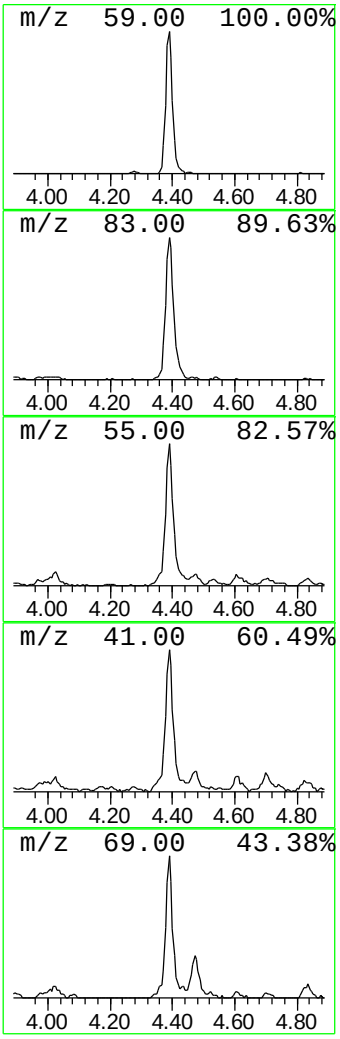
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	17.94 ng	287872	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	38
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	38
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

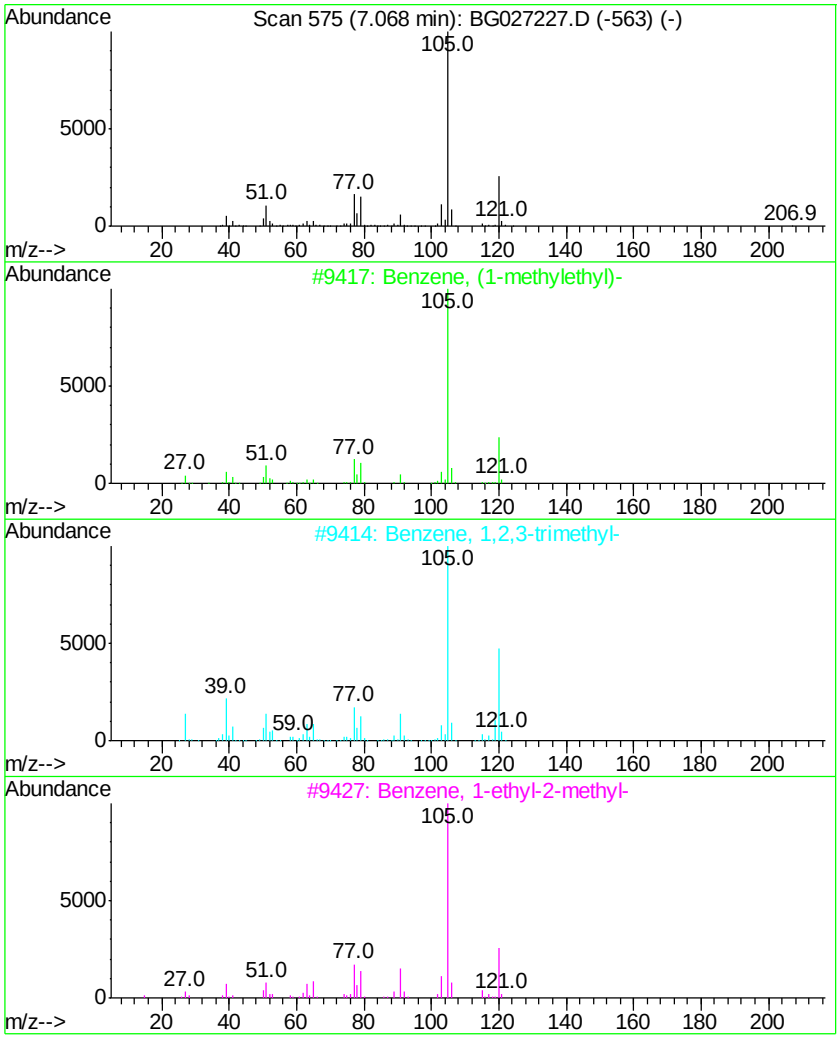
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

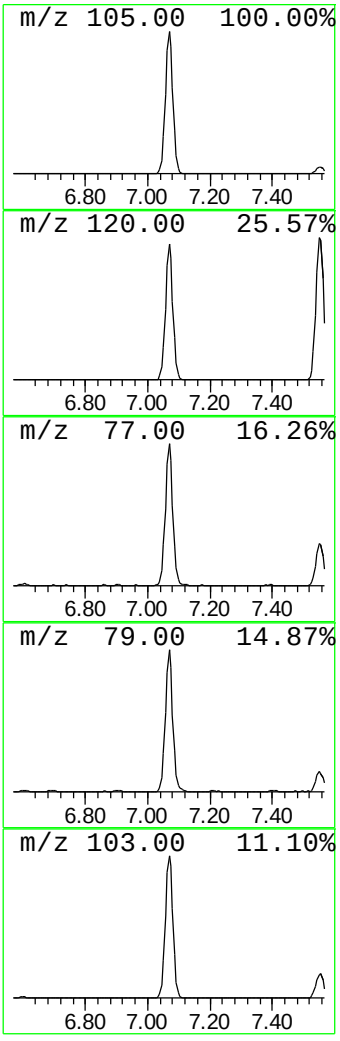
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	52.18 ng	837185	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

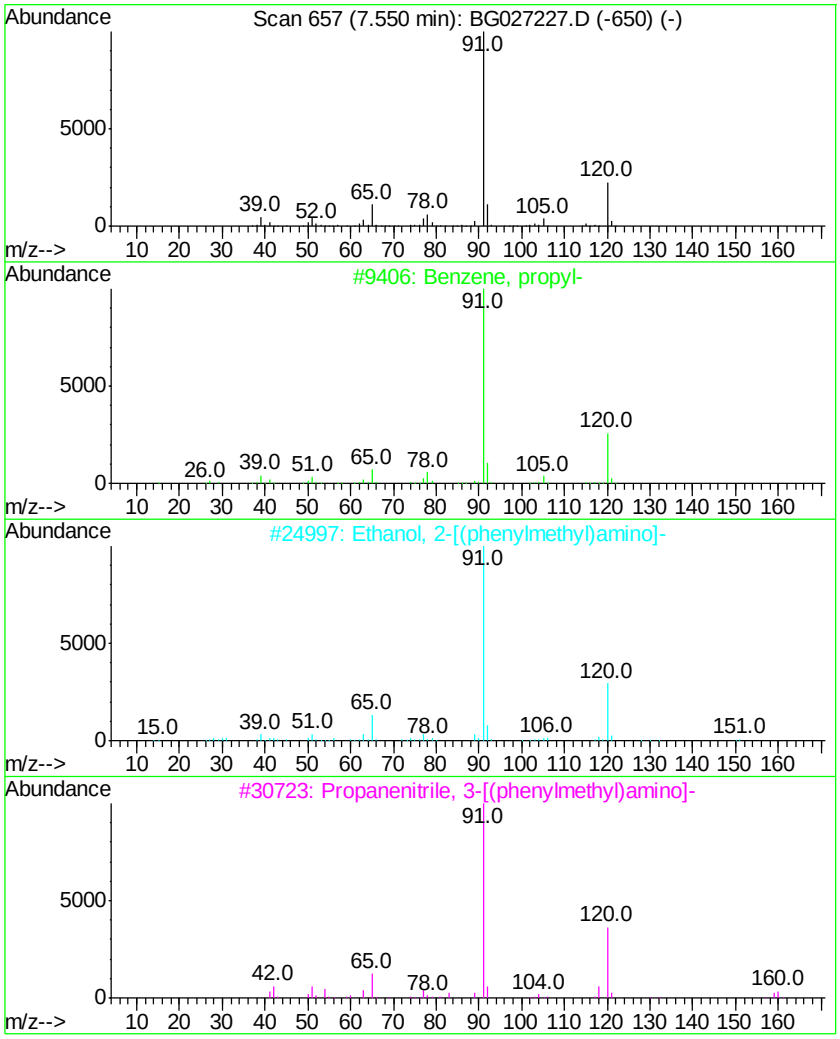
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

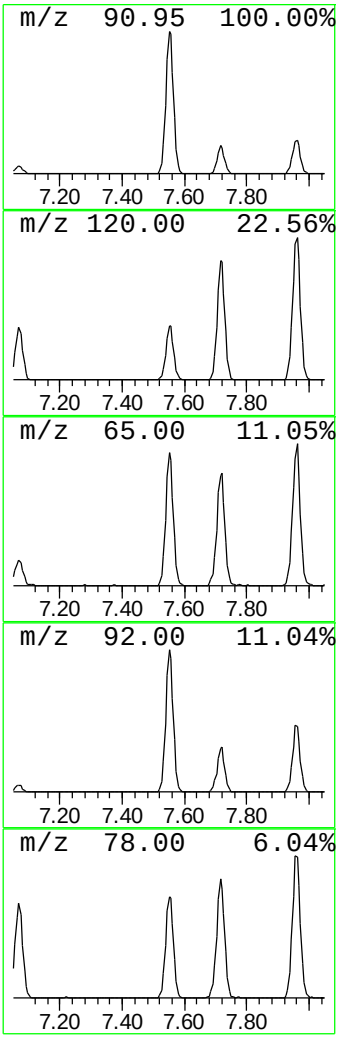
****

Peak Number 4 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	48.62 ng	780188	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

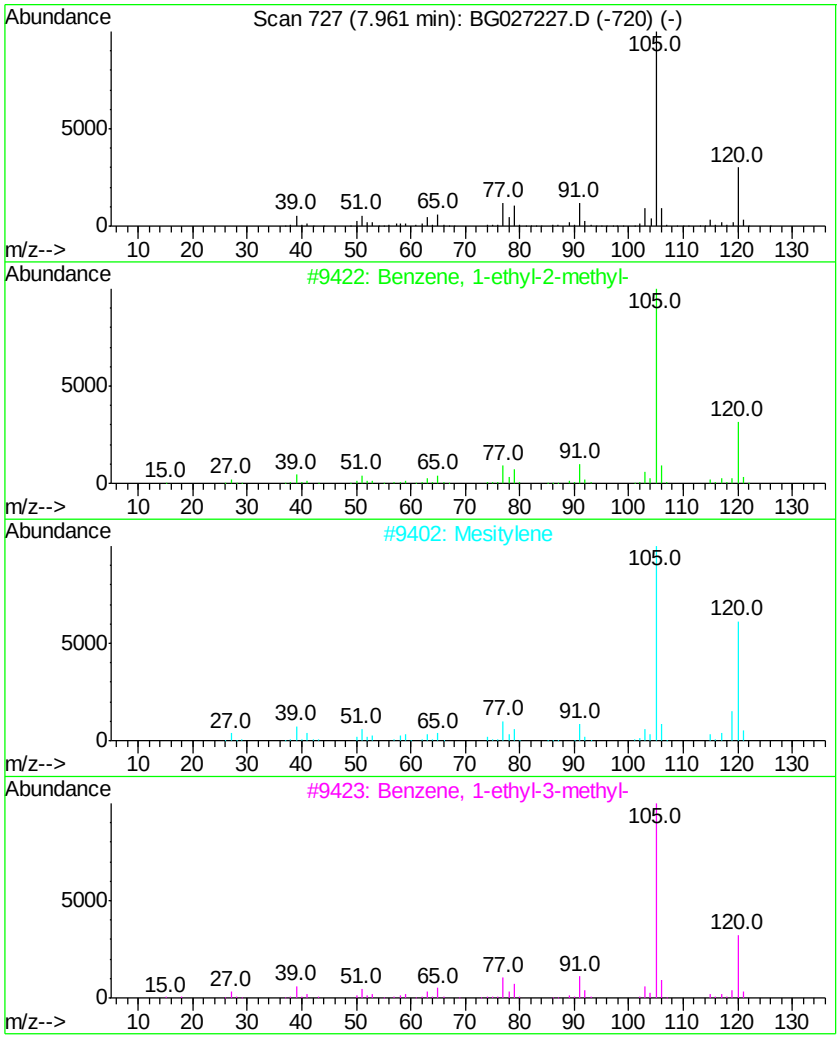
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

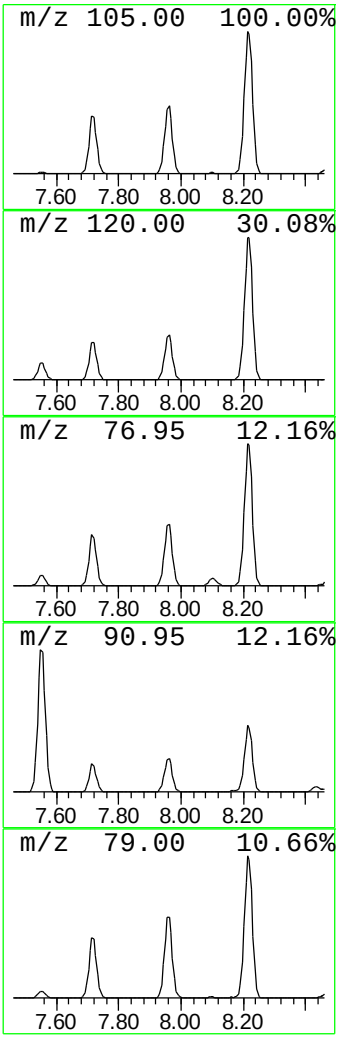
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	122.82 ng	1970710	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

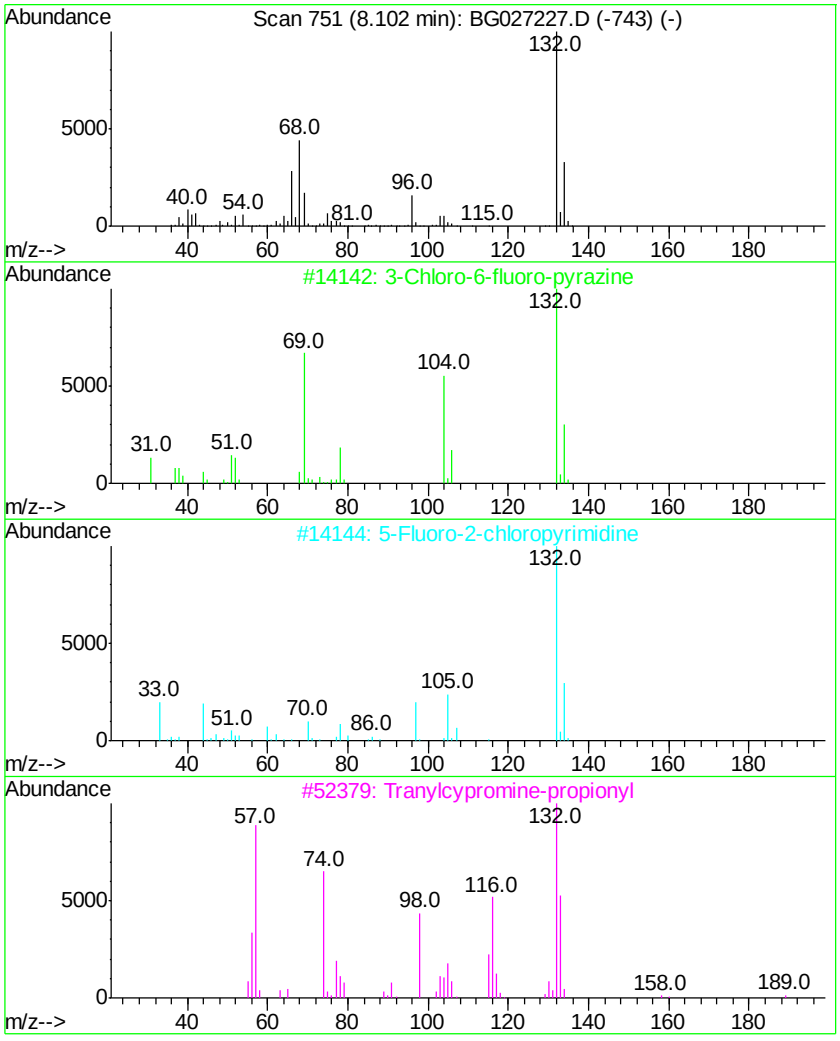
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

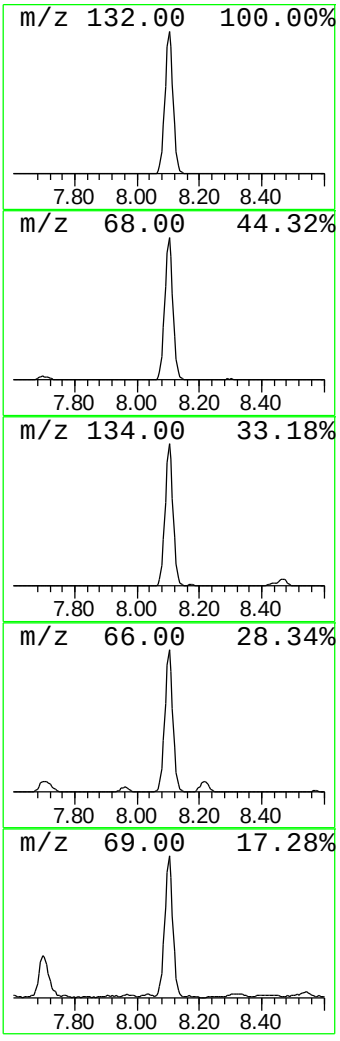
****

Peak Number 6 unknown8.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	107.19 ng	1719960	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

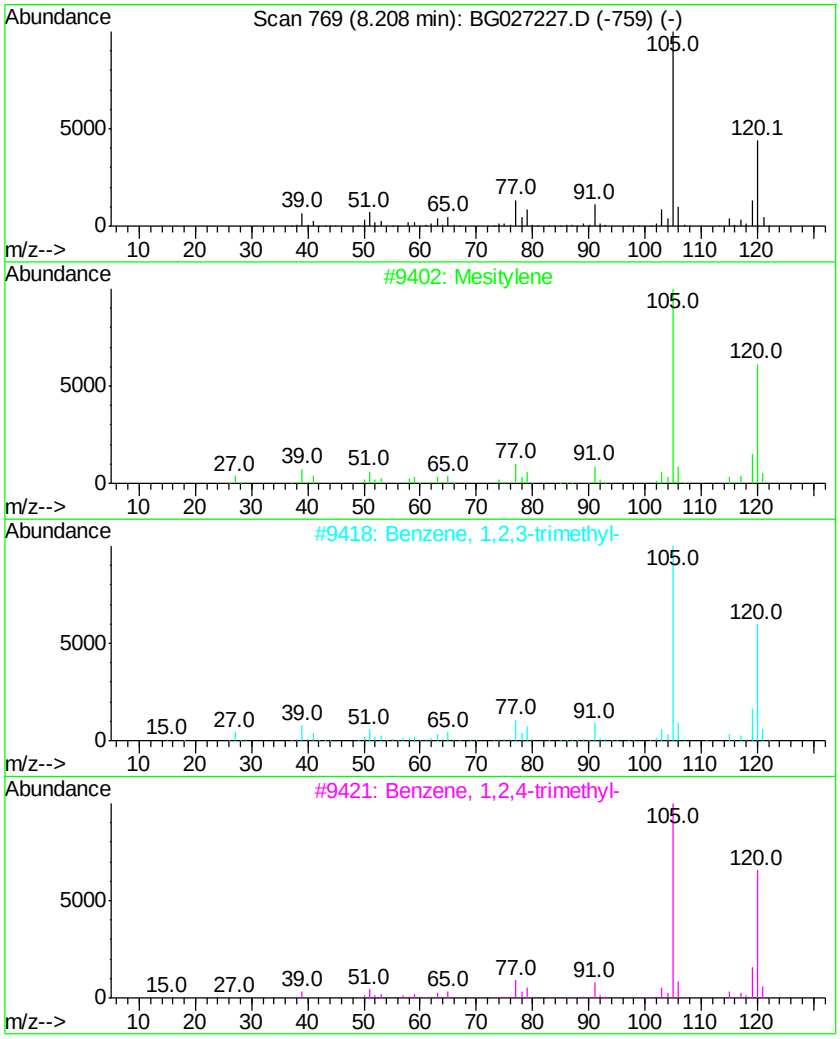
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

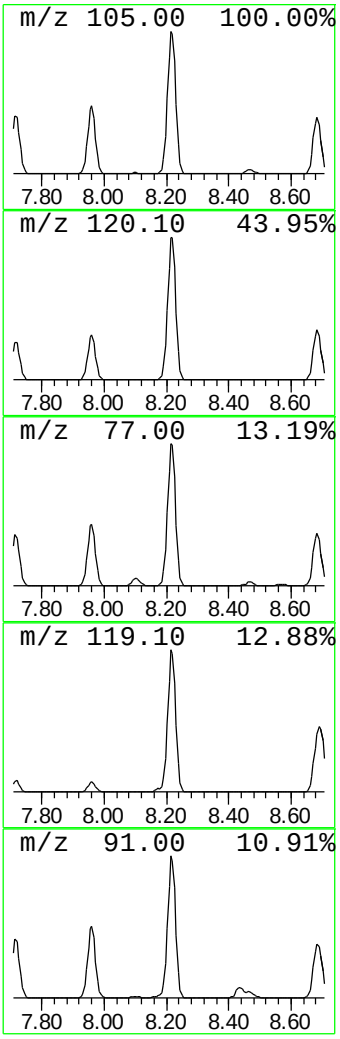
****

Peak Number 7 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	301.53 ng	4838290	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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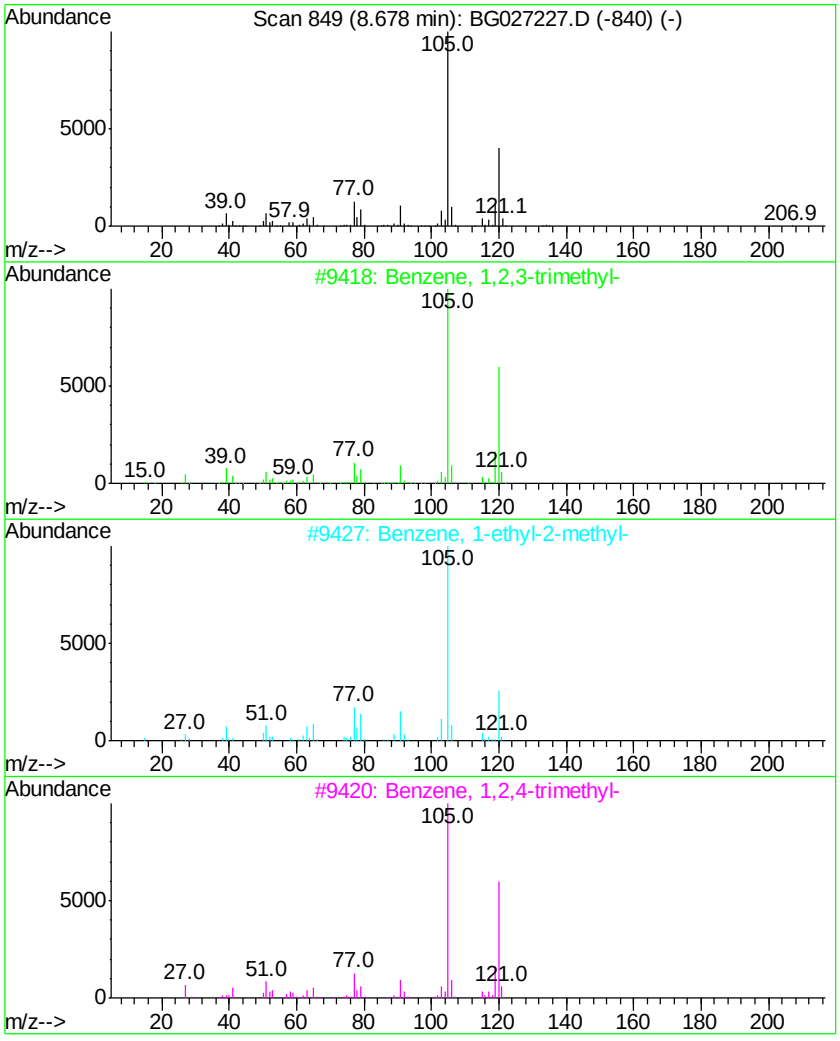
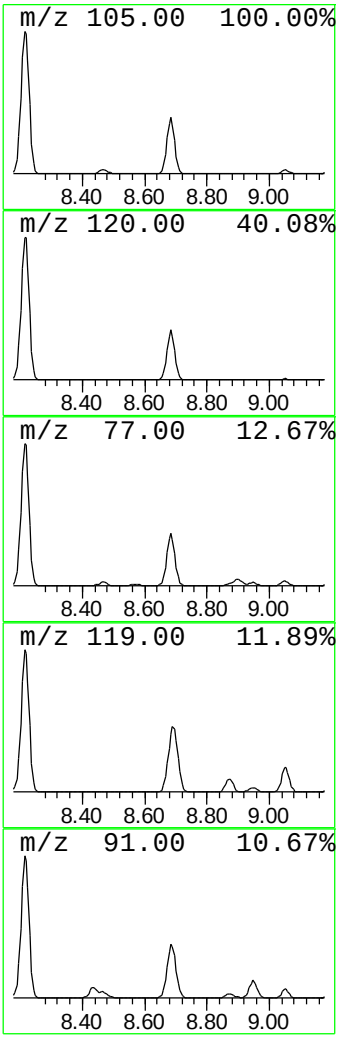
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	119.85 ng	1923110	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Instrument : BNA_G
ClientSampleId : S22-0025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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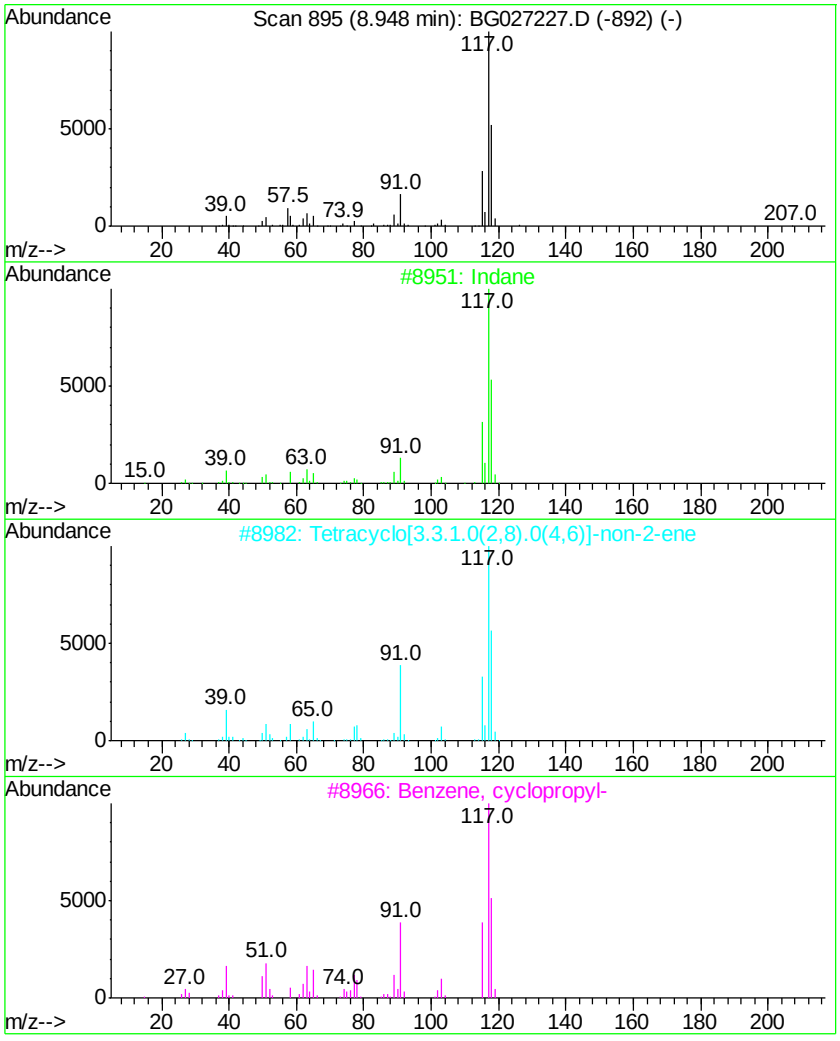
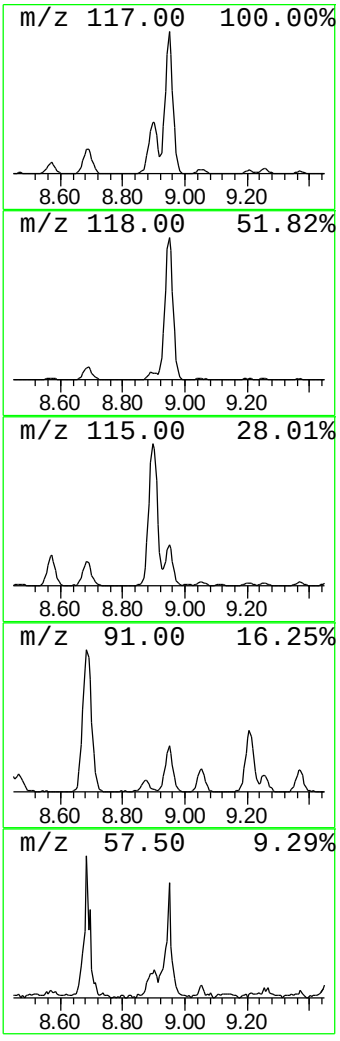
Peak Number 10 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	22.67 ng	363783	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	53
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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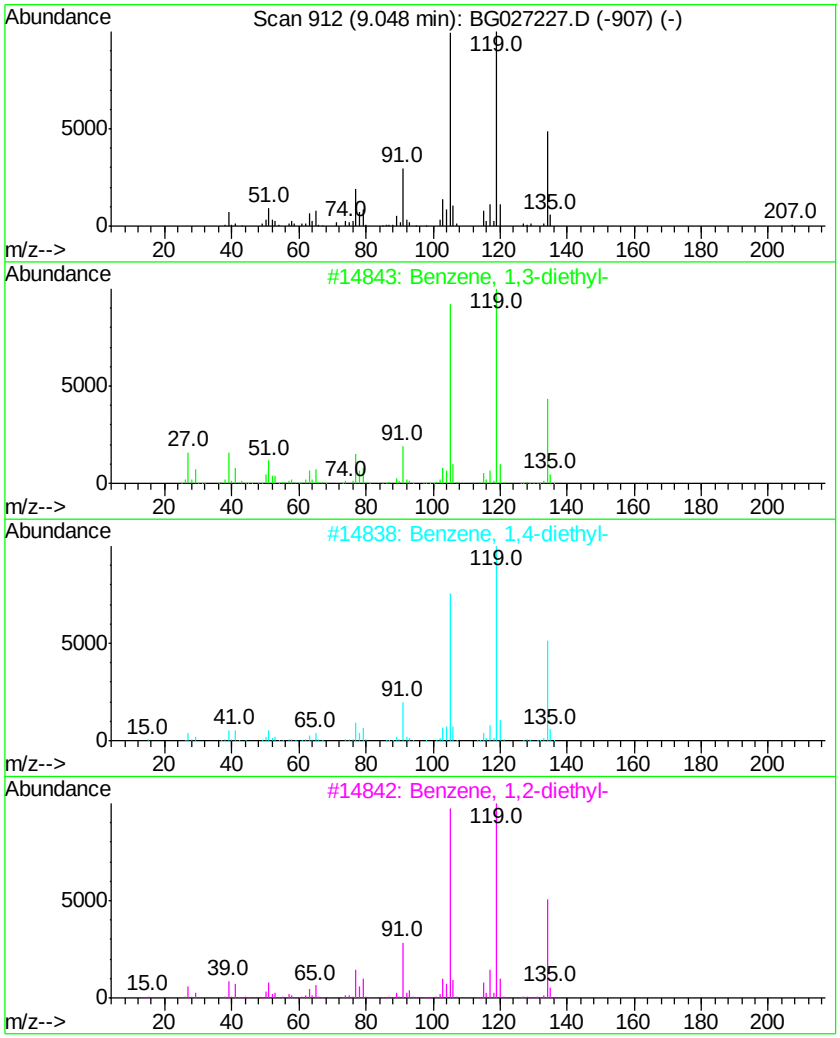
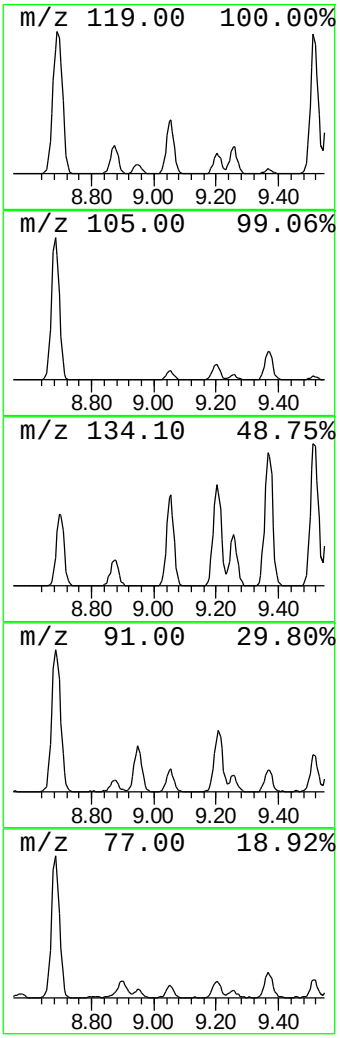
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	10.91 ng	174980	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

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Sample : I3407-01
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Instrument : BNA_G
ClientSampleId : S22-0025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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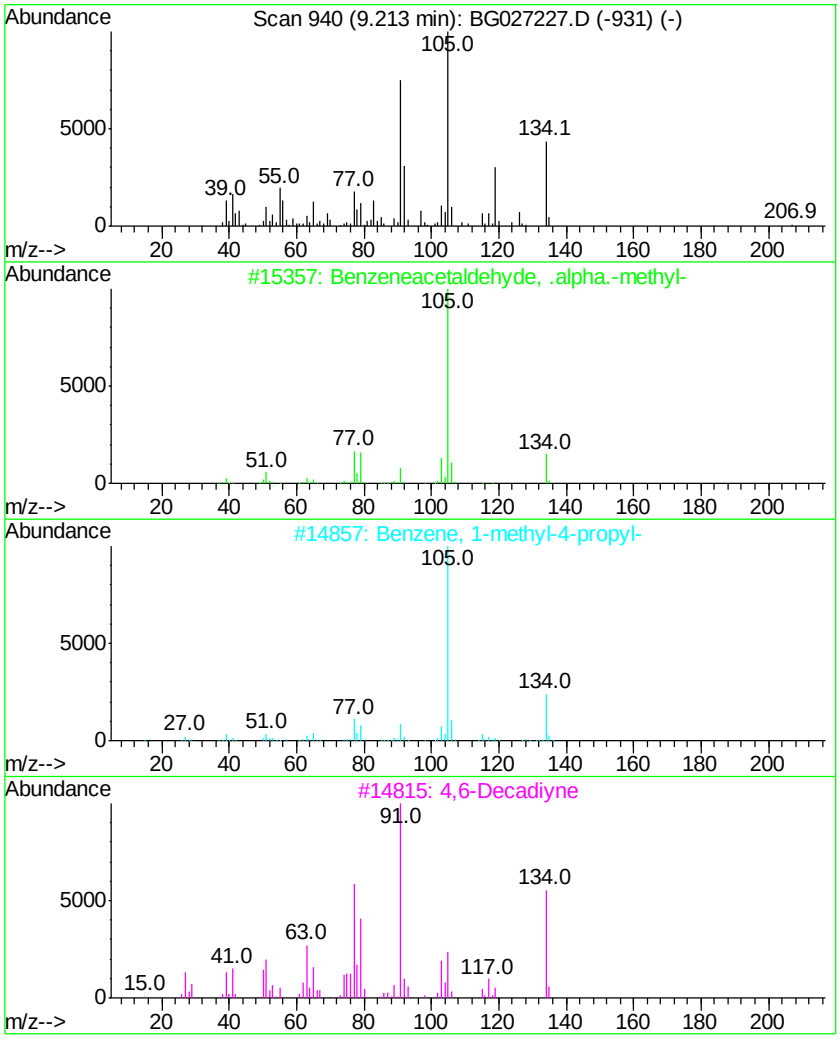
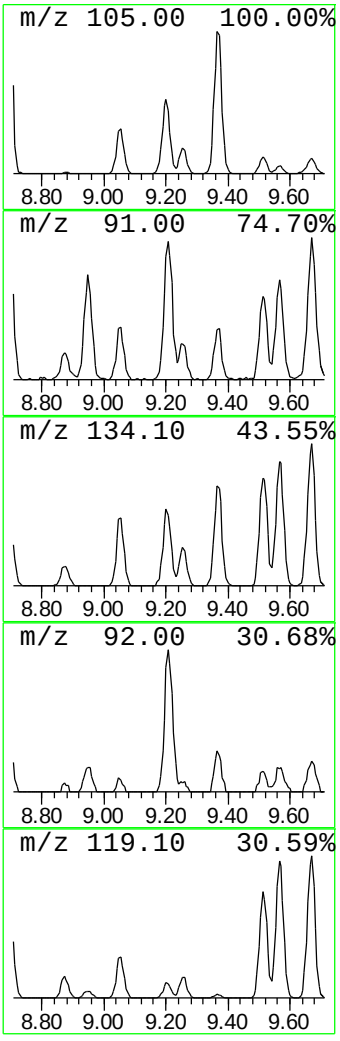
Peak Number 12 Benzeneacetaldehyde, .alpha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	19.78 ng	317401	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
3	4,6-Decadiyne	134	C10H14	016387-71-6	47
4	2-Tolyloxirane	134	C9H10O	002783-26-8	46
5	Benzenepropanamine	135	C9H13N	002038-57-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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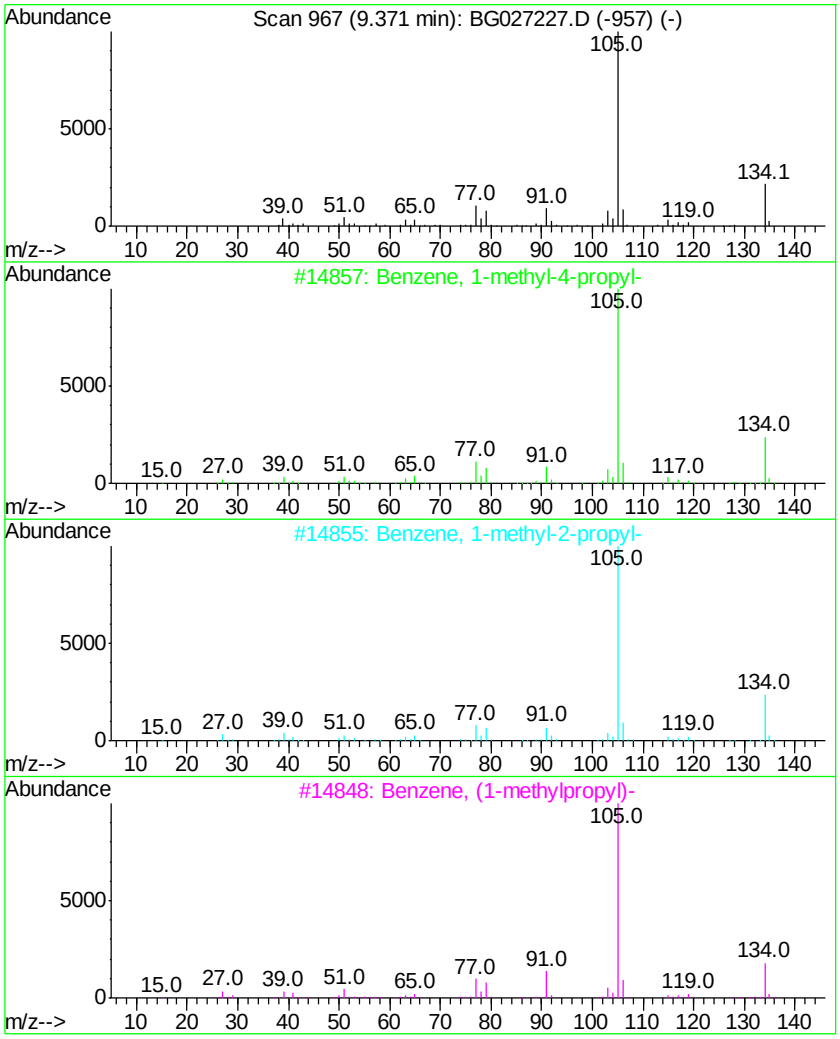
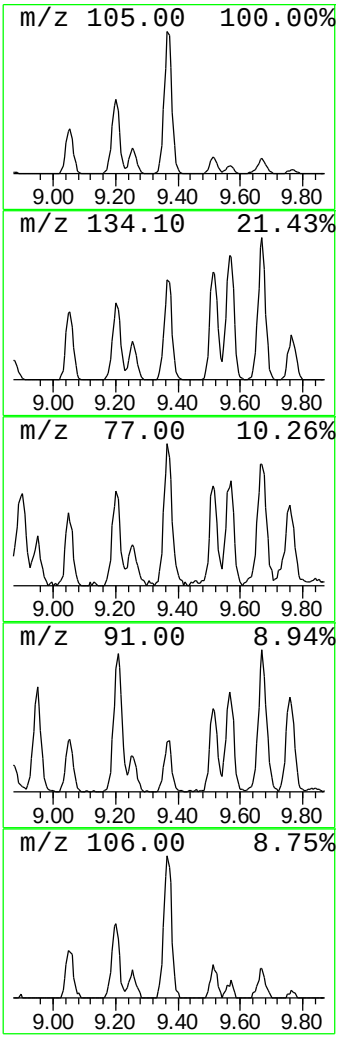
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	18.97 ng	304308	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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Misc :
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Instrument : BNA_G
ClientSampleId : S22-0025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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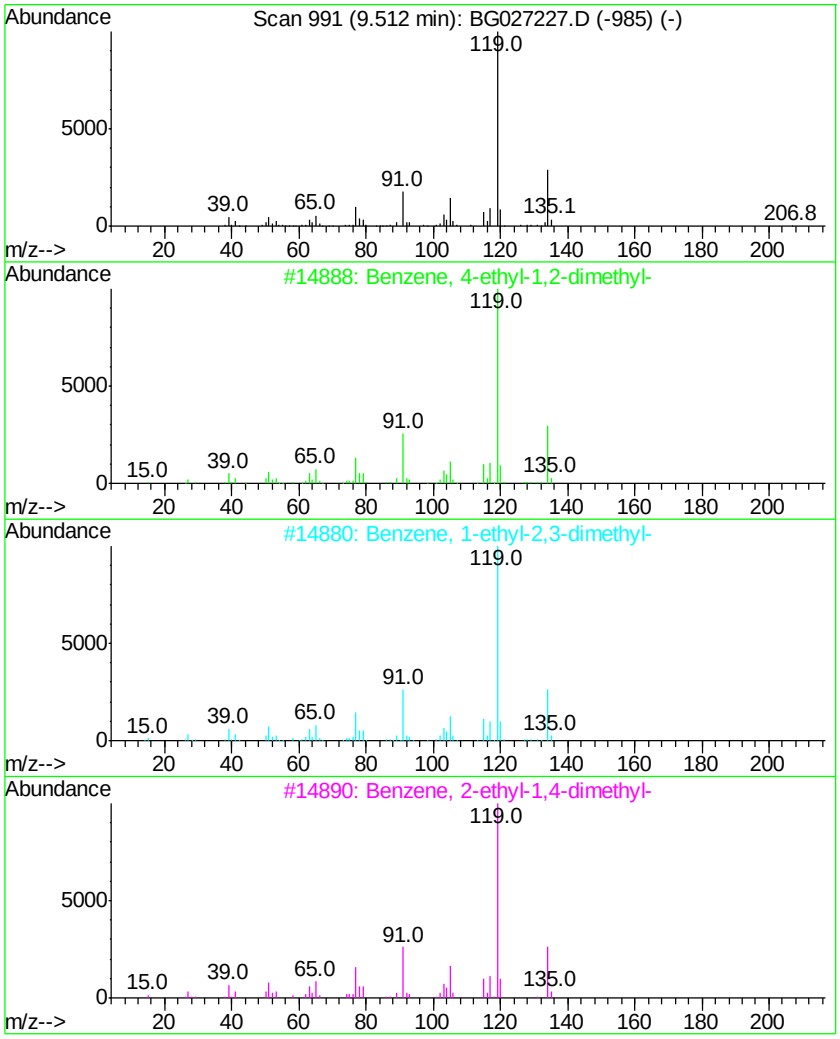
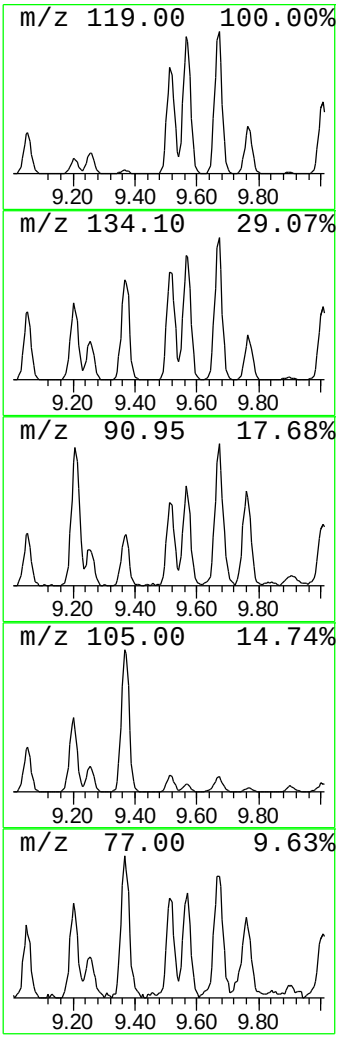
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	18.08 ng	290056	1,4-Dichlorobenzene-d4	8.57

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	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Sample : I3407-01
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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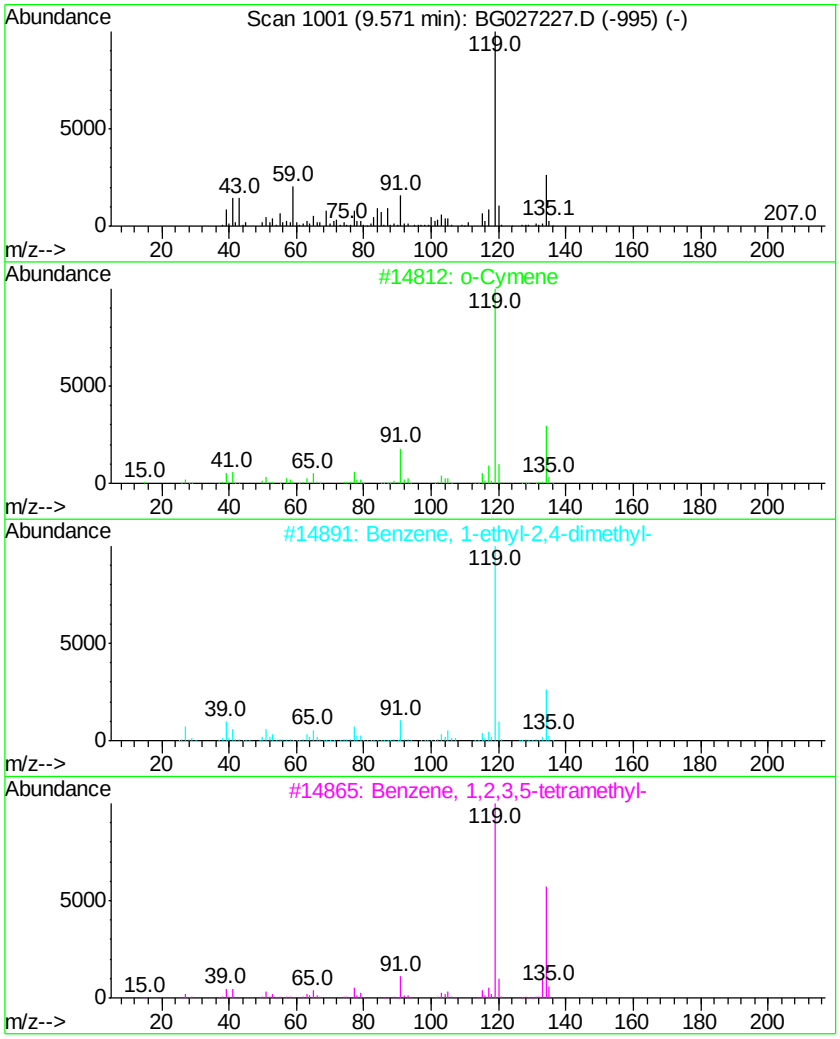
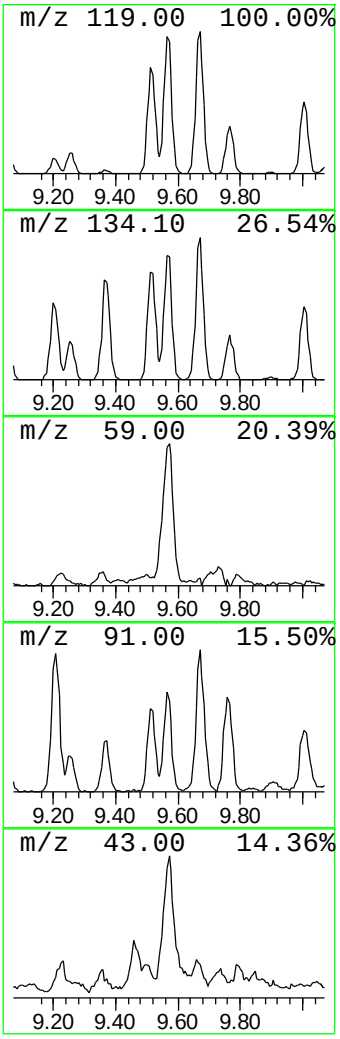
Peak Number 15 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	32.40 ng	519826	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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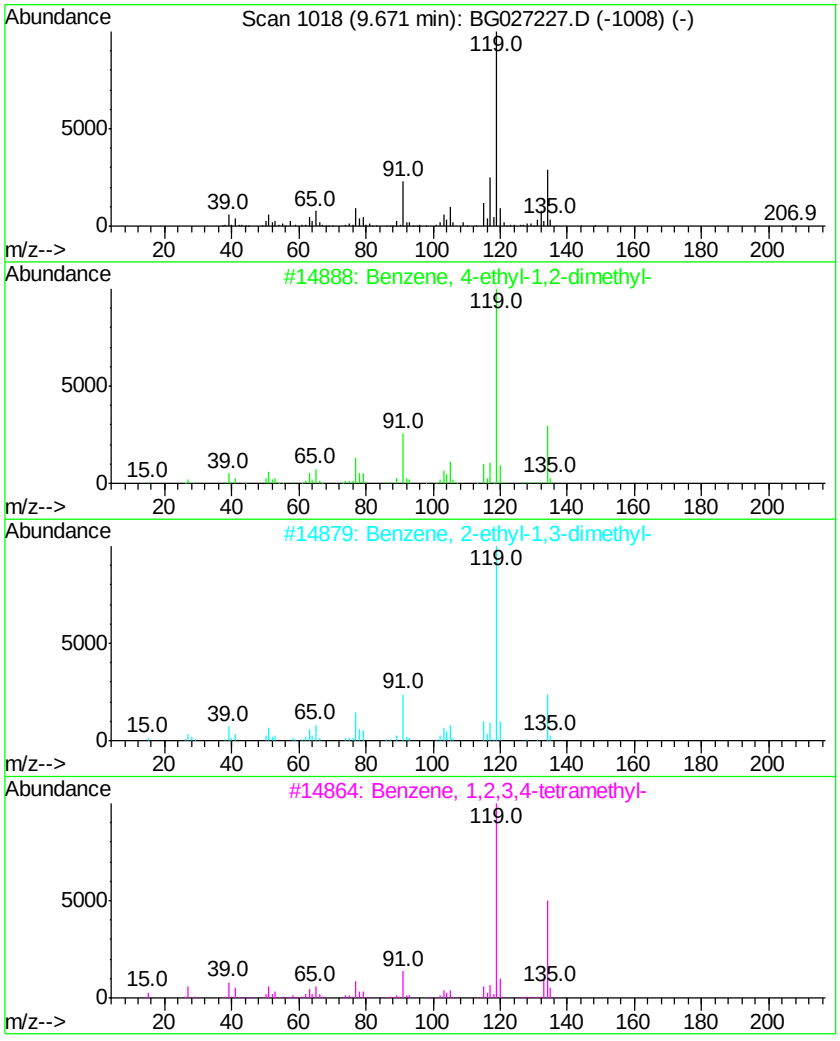
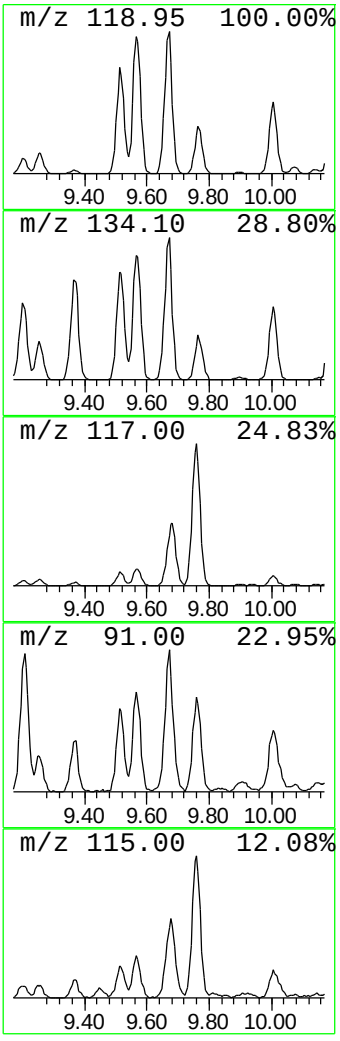
Peak Number 16 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	30.99 ng	497317	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	p-Cymene	134	C10H14	000099-87-6	81





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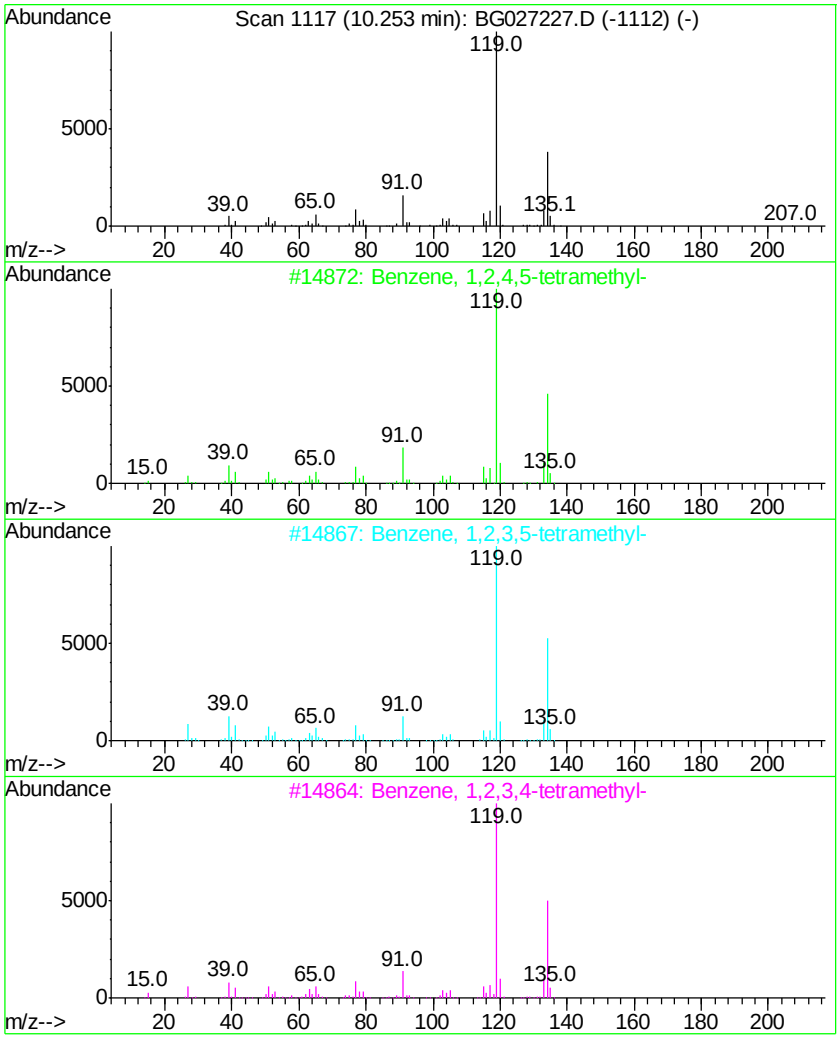
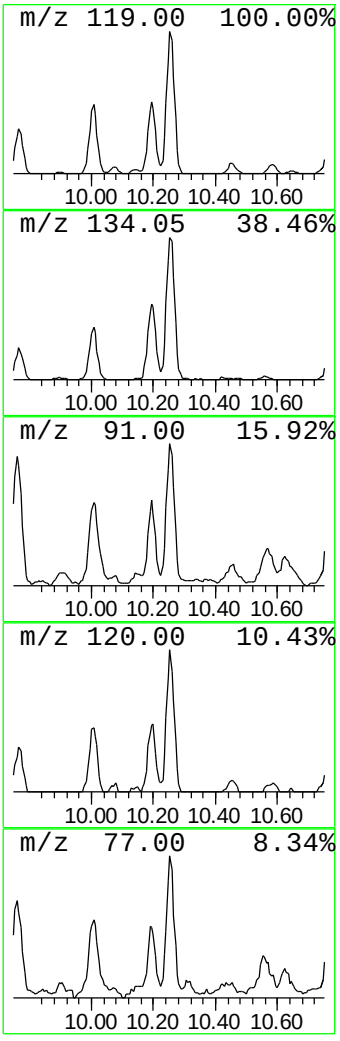
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	9.90 ng	334765	Naphthalene-d8	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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TIC Library : C:\DATABASE\NIST11.L
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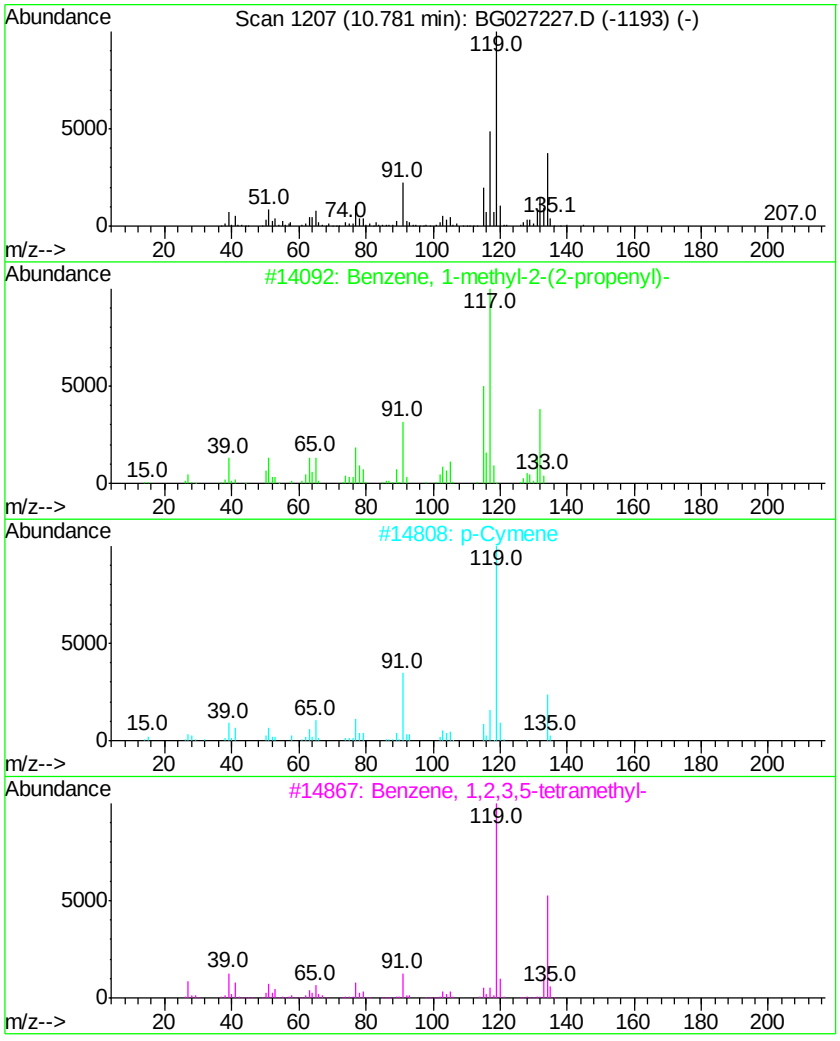
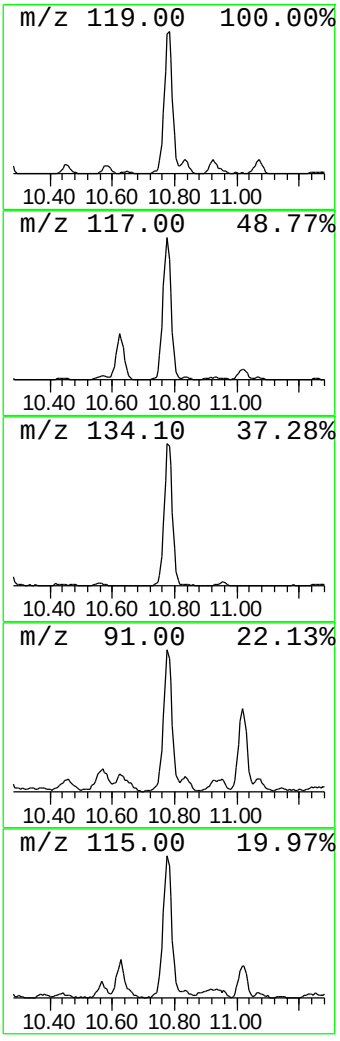
Peak Number 18 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	23.77 ng	804018	Naphthalene-d8	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	p-Cymene	134	C10H14	000099-87-6	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





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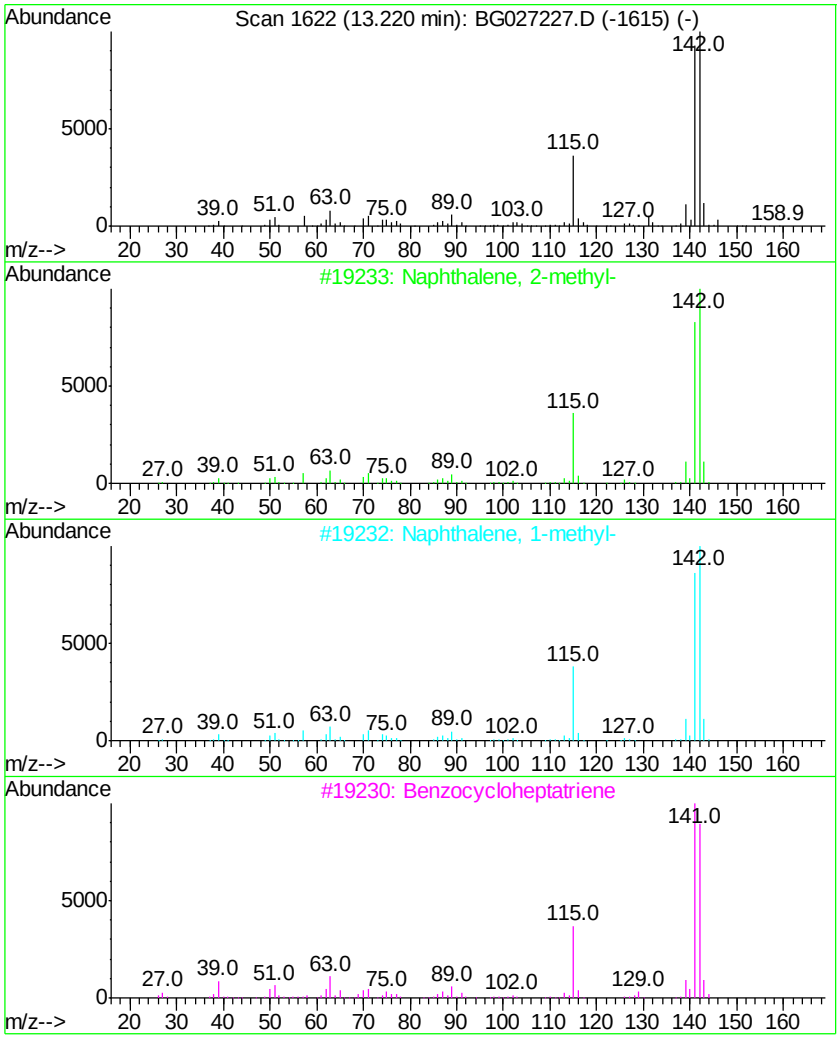
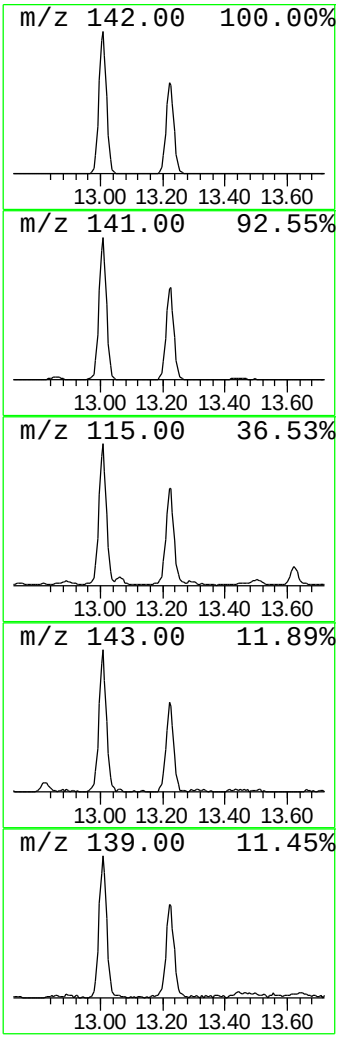
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	18.38 ng	621585	Naphthalene-d8	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	80





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Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

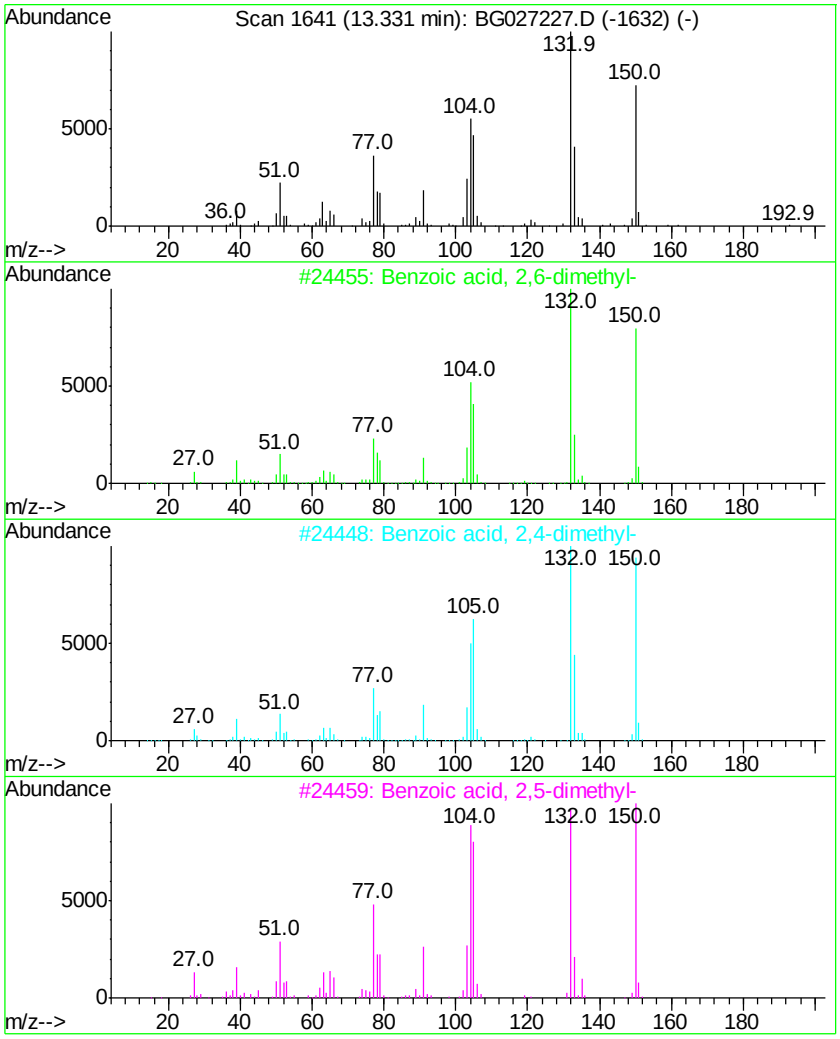
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

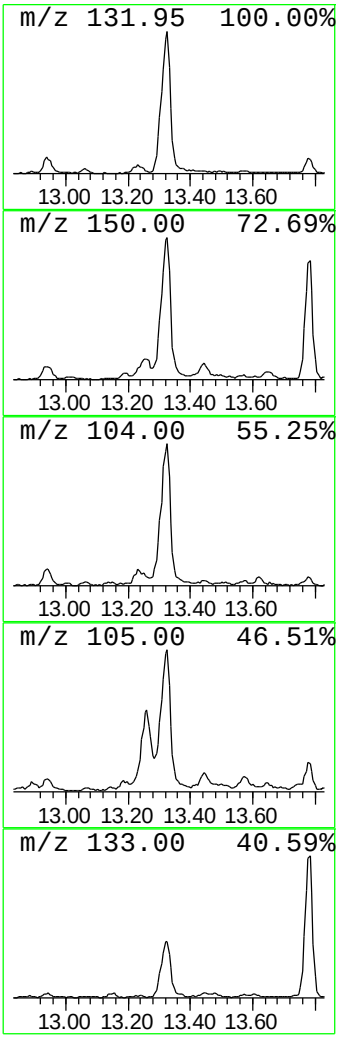
****

Peak Number 20 Benzoic acid, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.60 ng	500866	Acenaphthene-d10	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	96
2	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	93
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	92
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	49
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Cyclohexane, methyl-	4.39	17.9	ng	287872	1	8.57	320912	20.0
Benzene, (1-methy...	7.07	52.2	ng	837185	1	8.57	320912	20.0
Benzene, propyl-	7.55	48.6	ng	780188	1	8.57	320912	20.0
Benzene, 1-ethyl-...	7.96	122.8	ng	1970710	1	8.57	320912	20.0
unknown8.10	8.10	107.2	ng	1719960	1	8.57	320912	20.0
Mesitylene	8.21	301.5	ng	4838290	1	8.57	320912	20.0
Benzene, 1,2,3-tr...	8.68	119.8	ng	1923110	1	8.57	320912	20.0
Indane	8.95	22.7	ng	363783	1	8.57	320912	20.0
Benzene, 1,3-diet...	9.05	10.9	ng	174980	1	8.57	320912	20.0
Benzeneacetaldehy...	9.21	19.8	ng	317401	1	8.57	320912	20.0
Benzene, 1-methyl...	9.37	19.0	ng	304308	1	8.57	320912	20.0
Benzene, 4-ethyl-...	9.51	18.1	ng	290056	1	8.57	320912	20.0
o-Cymene	9.57	32.4	ng	519826	1	8.57	320912	20.0
Benzene, 2-ethyl-...	9.67	31.0	ng	497317	1	8.57	320912	20.0
Benzene, 1,2,4,5-...	10.25	9.9	ng	334765	2	11.39	676377	20.0
Benzene, 1-methyl...	10.78	23.8	ng	804018	2	11.39	676377	20.0
Naphthalene, 1-me...	13.22	18.4	ng	621585	2	11.39	676377	20.0
Benzoic acid, 2,6...	13.33	10.6	ng	500866	3	15.15	945136	20.0