LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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	4.575	249	253	259	rVB	51740	70940	2.46%	0.178%
2	5.585	419	425	442	rBV	219437	393325	13.64%	0.987%
3	6.496	575	580	591	rVB2	41053	78376	2.72%	0.197%
4	6.996	659	665	674	rBV	261377	424753	14.73%	1.066%
5	7.107	677	684	689	rVV	554136	895826	31.07%	2.248%
6	7.166	689	694	698	rVV	314479	539923	18.73%	1.355%
7	7.201	698	700	703	rVV	159796	226590	7.86%	0.569%
8	7.242	703	707	714	rVB	443903	710236	24.64%	1.782%
9	7.413	729	736	742	rBV	186162	300558	10.43%	0.754%
10	7.571	756	763	771	rBV	483770	835875	28.99%	2.098%
11	7.677	774	781	789	rVB	1214660	1933083	67.05%	4.851%
12	7.894	813	818	820	rBV2	57223	87671	3.04%	0.220%
13	7.924	820	823	830	rVB2	65932	107997	3.75%	0.271%
14	8.059	837	846	855	rBV2	198527	432179	14.99%	1.085%
15	8.147	855	861	873	rVB3	156301	315865	10.96%	0.793%
16	8.365	889	898	905	rBV	462065	840331	29.15%	2.109%
17	8.517	918	924	929	rBV	383327	617762	21.43%	1.550%
18	8.576	929	934	942	rVV	568234	904139	31.36%	2.269%
19	8.670	942	950	956	rVV	1333225	2252891	78.15%	5.654%
20	8.723	956	959	965	rVB	79387	117647	4.08%	0.295%
21	8.835	970	978	988	rVB	298296	489652	16.99%	1.229%
22	8.987	997	1004	1008	rBV	636303	1007648	34.95%	2.529%
23	9.040	1008	1013	1021	rVB	600394	962353	33.38%	2.415%
24	9.140	1023	1030	1038	rVB2	1140057	1926464	66.83%	4.835%
25	9.228	1038	1045	1056	rBV2	679283	1208574	41.92%	3.033%
26	9.387	1064	1072	1080	rBV4	95788	214477	7.44%	0.538%
27	9.475	1081	1087	1093	rVV	204857	377666	13.10%	0.948%
28	9.528	1093	1096	1104	rVB5	51476	104638	3.63%	0.263%
29	9.616	1105	1111	1114	rBV3	23766	42910	1.49%	0.108%
30	9.669	1114	1120	1125	rVV	646142	1057984	36.70%	2.655%
31	9.728	1125	1130	1144	rVB	920218	1489146	51.66%	3.737%
32	9.845	1144	1150	1154	rBV3	24686	41174	1.43%	0.103%
33	9.922	1155	1163	1167	rVV	118619	196378	6.81%	0.493%
34	9.969	1167	1171	1177	rVB	139255	213356	7.40%	0.535%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.039	1177	1183	1188	rBV2	202817	356796	12.38%	0.895%
36	10.098	1188	1193	1203	rVV	410022	759345	26.34%	1.906%
37	10.192	1203	1209	1212	rVV	120336	212088	7.36%	0.532%
38	10.251	1213	1219	1224	rVV	785517	1399172	48.53%	3.511%
39	10.303	1224	1228	1235	rVB2	223088	385294	13.37%	0.967%
40	10.421	1245	1248	1253	rVB2	141827	215572	7.48%	0.541%
41	10.486	1253	1259	1263	rVV3	41147	80711	2.80%	0.203%
42	10.538	1263	1268	1276	rVB	156819	252416	8.76%	0.633%
43	10.721	1291	1299	1303	rBV2	52441	115037	3.99%	0.289%
44	10.762	1303	1306	1309	rBV	79350	111443	3.87%	0.280%
45	10.826	1309	1317	1321	rBV2	284960	560292	19.44%	1.406%
46	10.879	1321	1326	1329	rBV3	213772	414205	14.37%	1.039%
47	10.961	1335	1340	1348	rVB	238022	402379	13.96%	1.010%
48	11.055	1350	1356	1362	rVB	128835	214394	7.44%	0.538%
49	11.214	1378	1383	1386	rBV2	32483	56110	1.95%	0.141%
50	11.243	1386	1388	1397	rVV4	22012	41103	1.43%	0.103%
51	11.326	1397	1402	1409	rVB5	27057	51559	1.79%	0.129%
52	11.473	1414	1427	1429	rBV5	46592	126096	4.37%	0.316%
53	11.514	1429	1434	1447	rVV	195045	385624	13.38%	0.968%
54	11.620	1447	1452	1458	rVB4	19095	38031	1.32%	0.095%
55	11.766	1469	1477	1488	rVB	267615	460954	15.99%	1.157%
56	11.878	1488	1496	1502	rBV8	23003	73405	2.55%	0.184%
57	11.954	1502	1509	1514	rVV	183611	338727	11.75%	0.850%
58	12.043	1518	1524	1536	rVV7	114319	303021	10.51%	0.760%
59	12.166	1536	1545	1551	rVB2	86183	174272	6.05%	0.437%
60	12.236	1551	1557	1564	rBV2	120272	229903	7.97%	0.577%
61	12.330	1565	1573	1577	rVV5	32249	85449	2.96%	0.214%
62	12.407	1581	1586	1592	rVV7	24512	54324	1.88%	0.136%
63	12.466	1592	1596	1599	rVV3	21212	33384	1.16%	0.084%
64	12.518	1599	1605	1613	rVB	276972	458089	15.89%	1.150%
65	12.736	1631	1642	1650	rBV	486441	835311	28.98%	2.096%
66	12.801	1650	1653	1662	rVB4	22525	37032	1.28%	0.093%
67	13.306	1732	1739	1749	rVB	1236988	1854877	64.34%	4.655%
68	13.517	1770	1775	1784	rVB	65453	97859	3.39%	0.246%
69	13.711	1803	1808	1818	rVB	56408	133648	4.64%	0.335%
70	13.846	1822	1831	1832	rBV2	89251	141928	4.92%	0.356%
71	13.999	1850	1857	1863	rBV3	138146	271488	9.42%	0.681%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.058	1863	1867	1875	rVB	77527	128149	4.45%	0.322%
73	14.240	1892	1898	1901	rBV	47897	75851	2.63%	0.190%
74	14.405	1917	1926	1935	rVB	32681	51588	1.79%	0.129%
75	14.687	1963	1974	1982	rBV2	266873	446370	15.48%	1.120%
76	16.173	2220	2227	2239	rBV	929351	1462629	50.74%	3.671%
77	17.430	2434	2441	2453	rBV2	362368	543494	18.85%	1.364%
78	18.288	2581	2587	2592	rBV5	22284	38329	1.33%	0.096%
79	20.033	2878	2884	2893	rBV	2204683	2882837	100.00%	7.235%
80	21.702	3161	3168	3183	rBV	333920	618056	21.44%	1.551%
81	23.147	3410	3414	3421	rVB7	17894	35753	1.24%	0.090%
82	24.986	3719	3727	3741	rBV2	123765	383786	13.31%	0.963%

Sum of corrected areas: 39846567

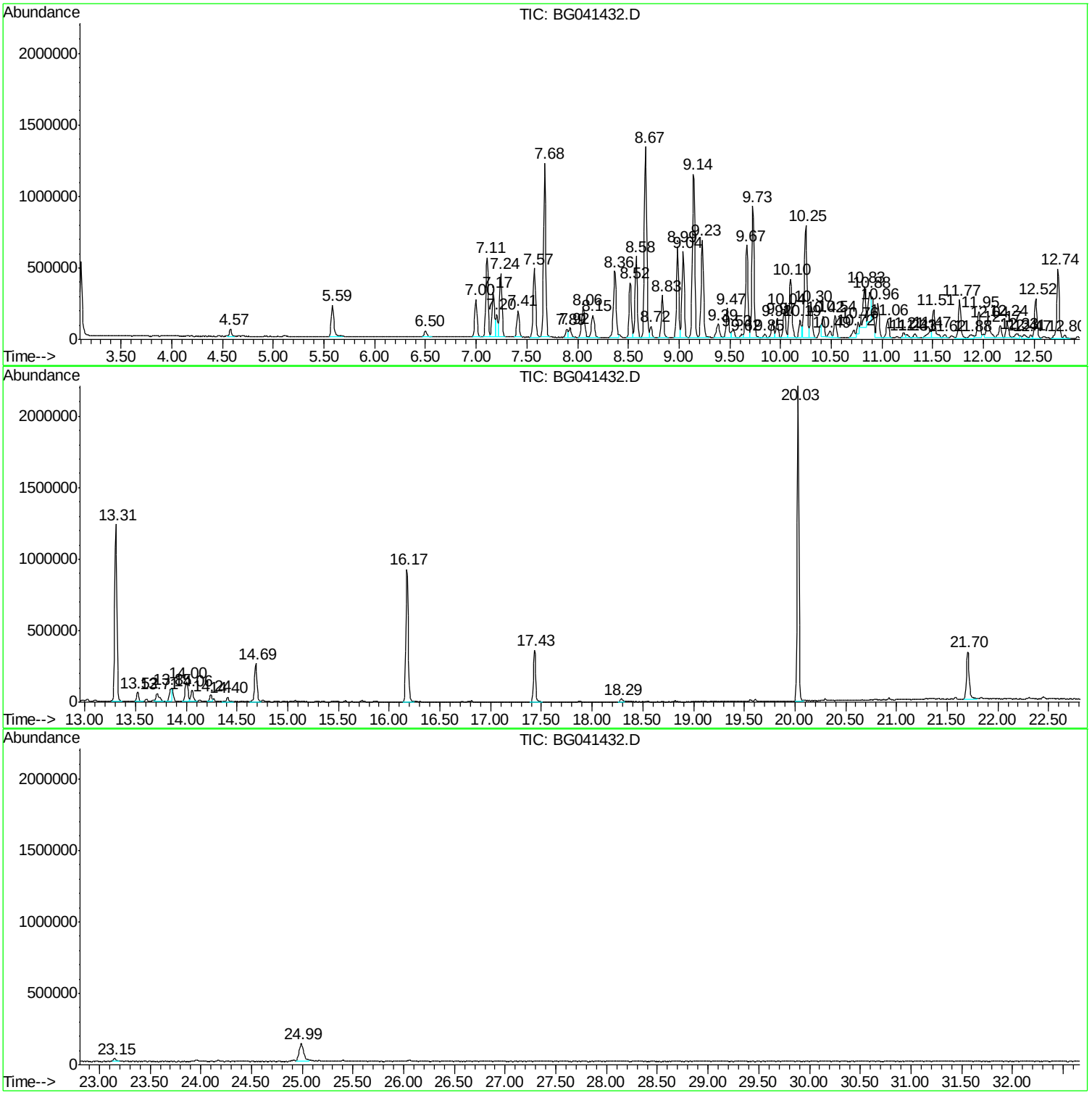
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

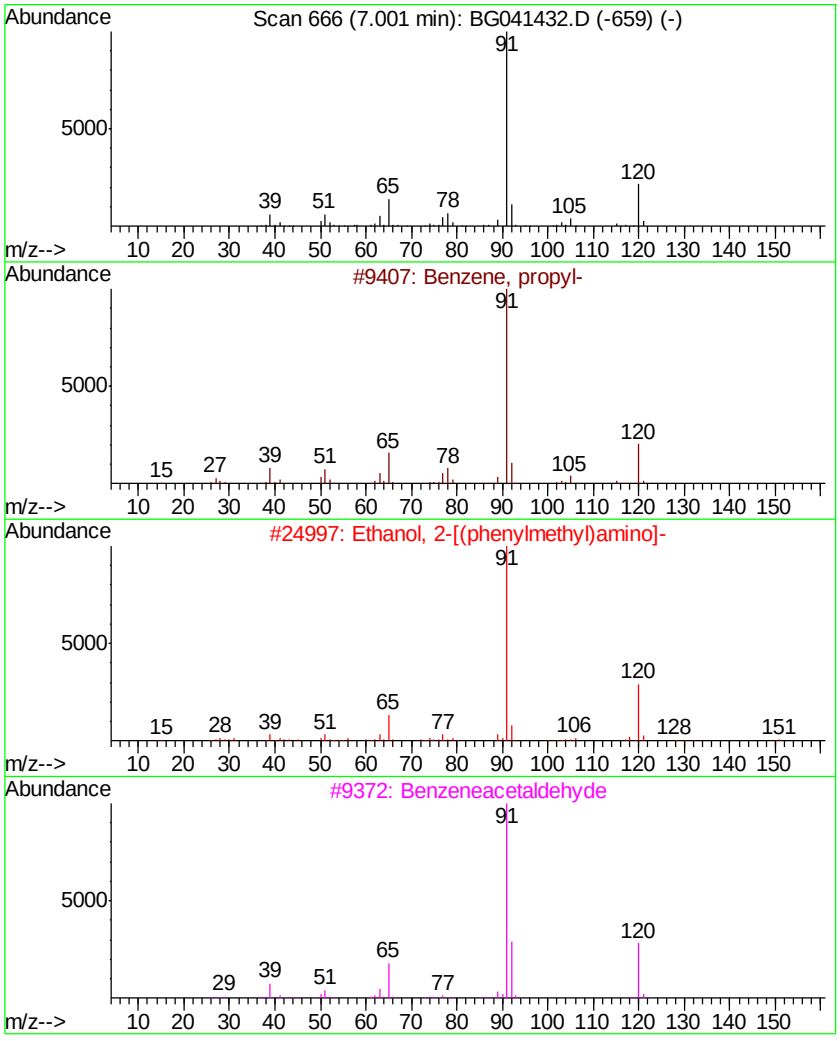
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

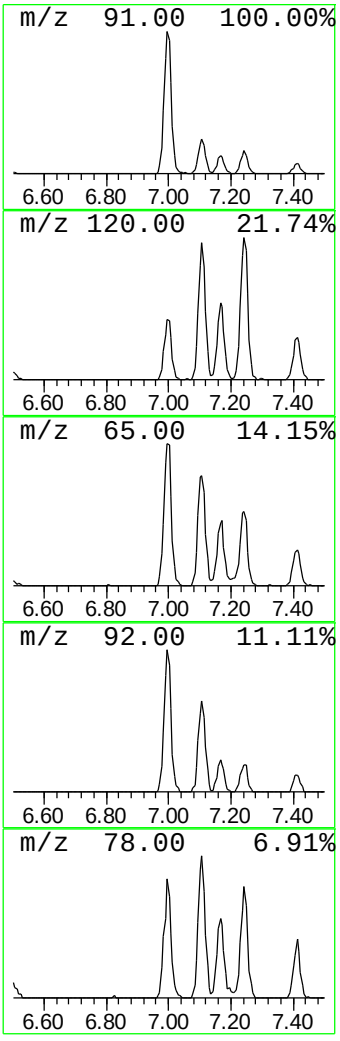
****

Peak Number 1 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	19.66 ng	424753	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	95
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53
5	Benzenepropionic acid, 4-benzyloxy-	256	C16H16O3	050463-48-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

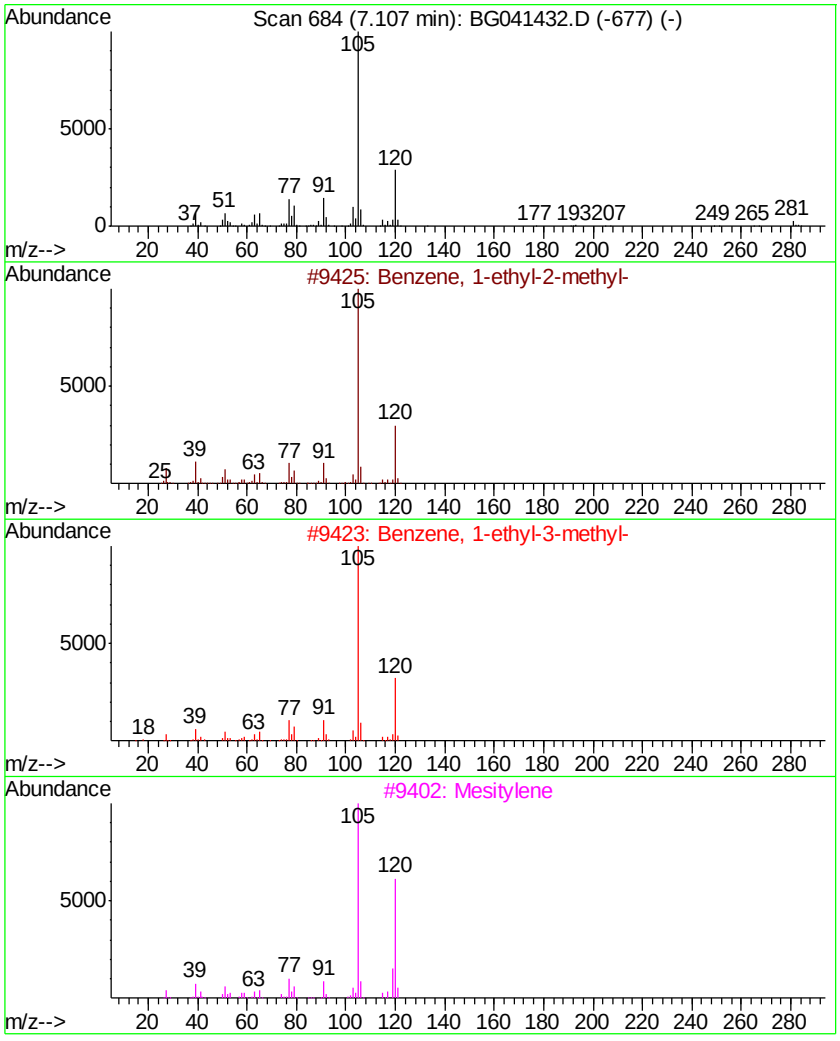
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

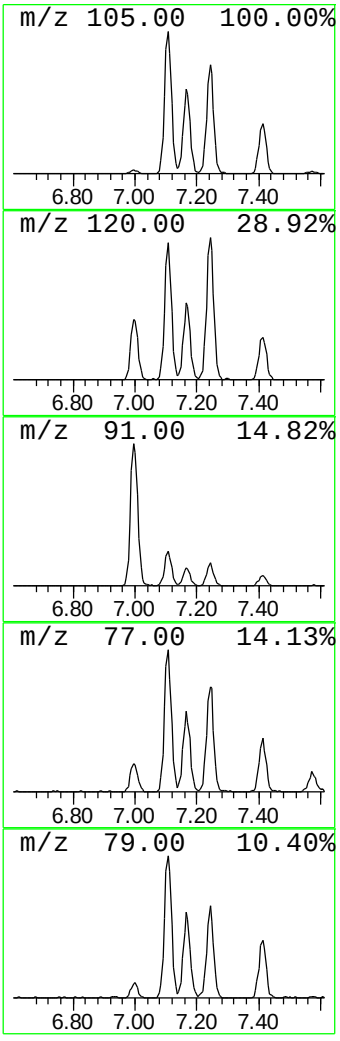
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	41.46 ng	895826	1,4-Dichlorobenzene-d4	8.05

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

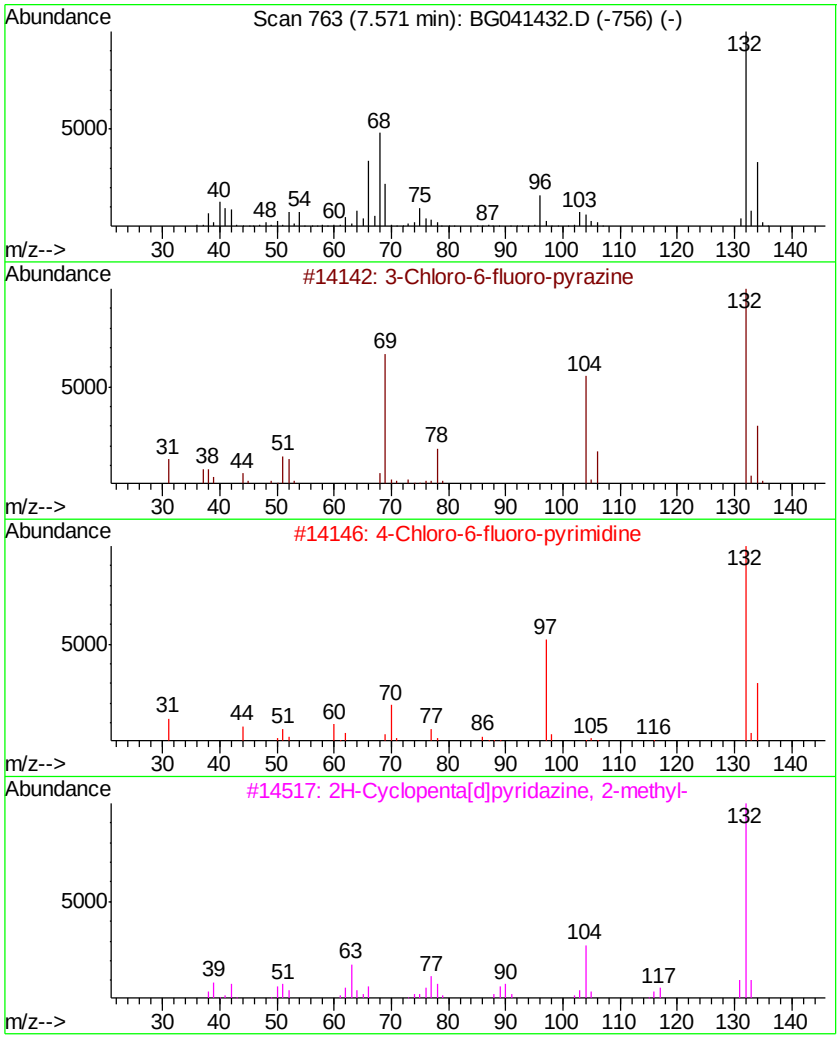
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

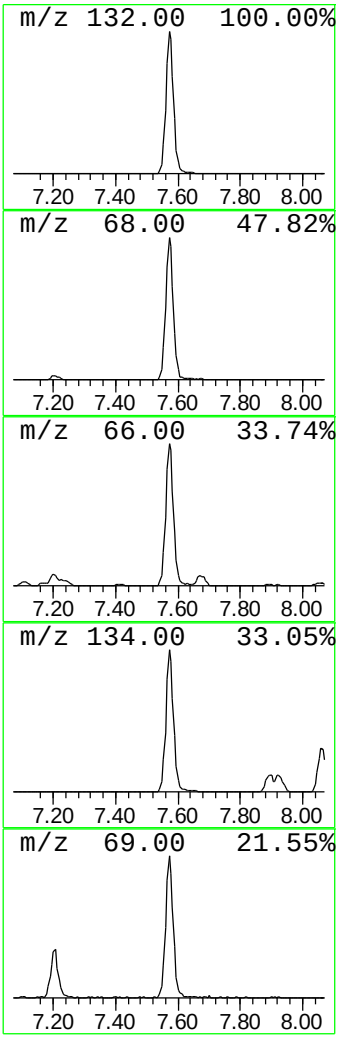
****

Peak Number 3 unknown7.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	38.68 ng	835875	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

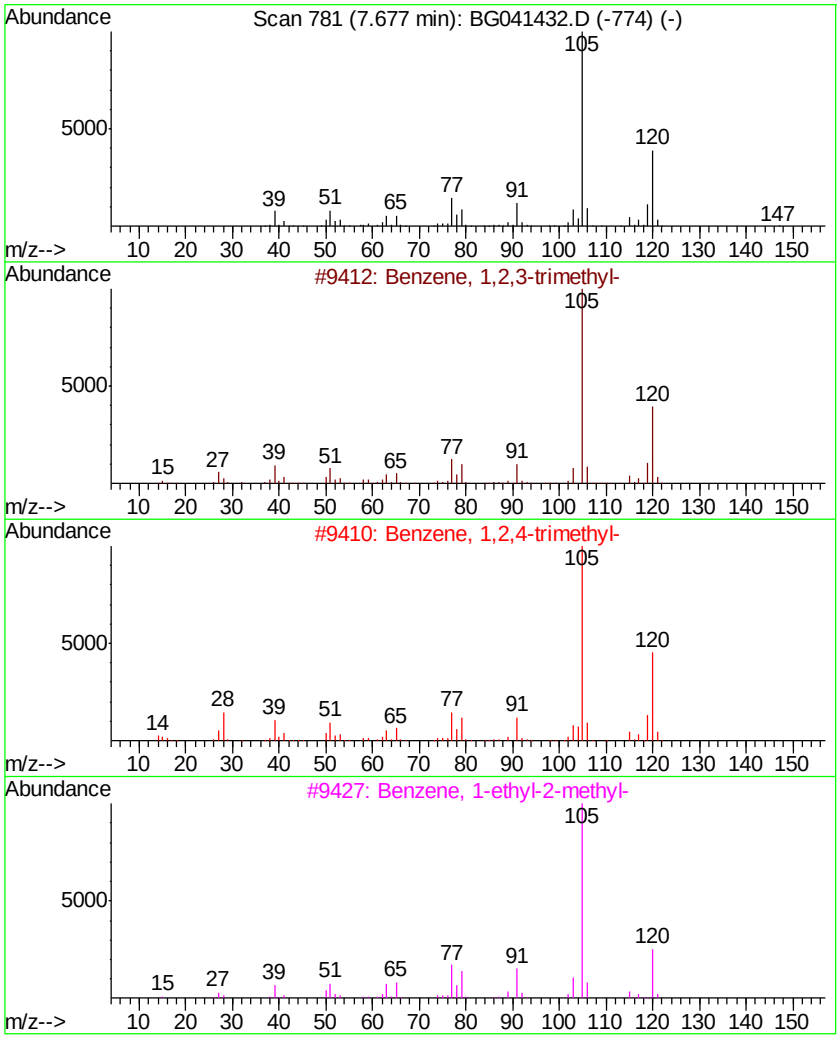
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

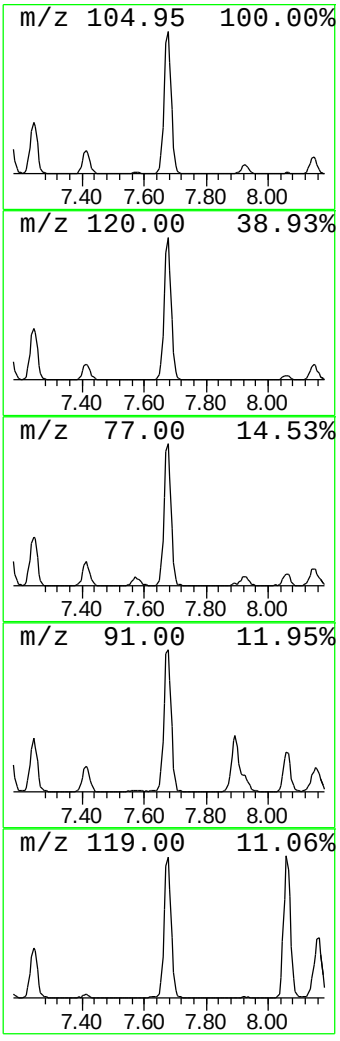
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	89.46 ng	1933080	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

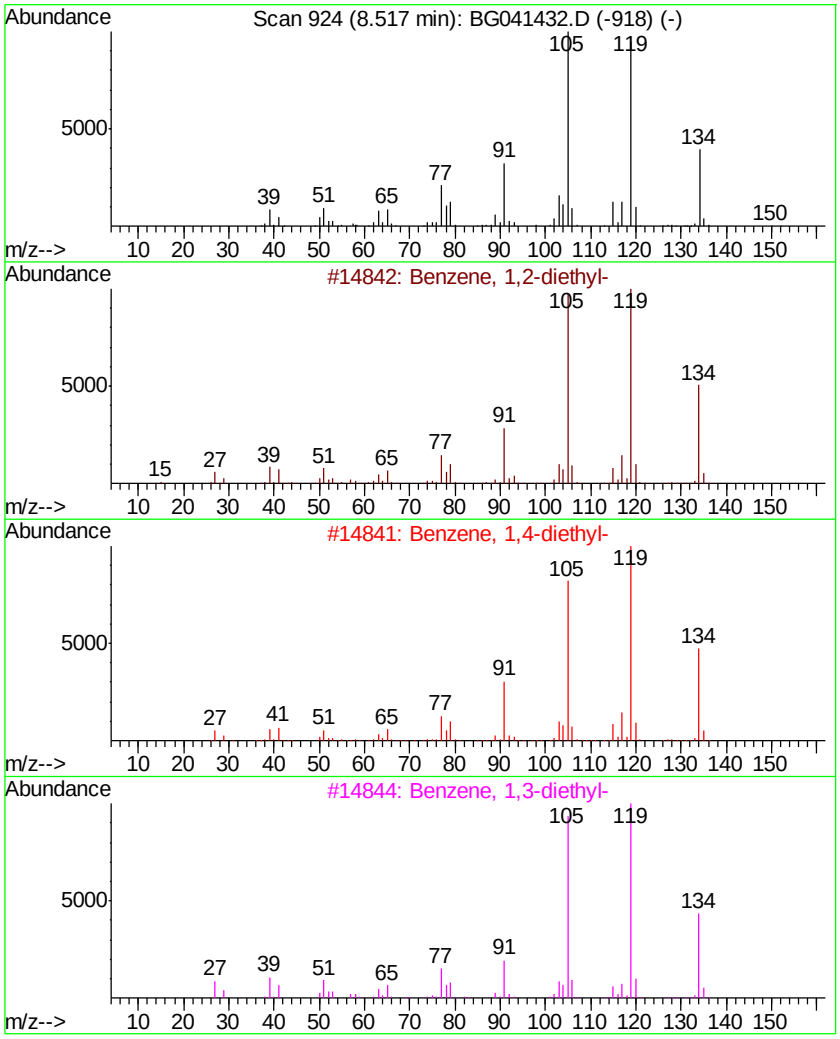
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

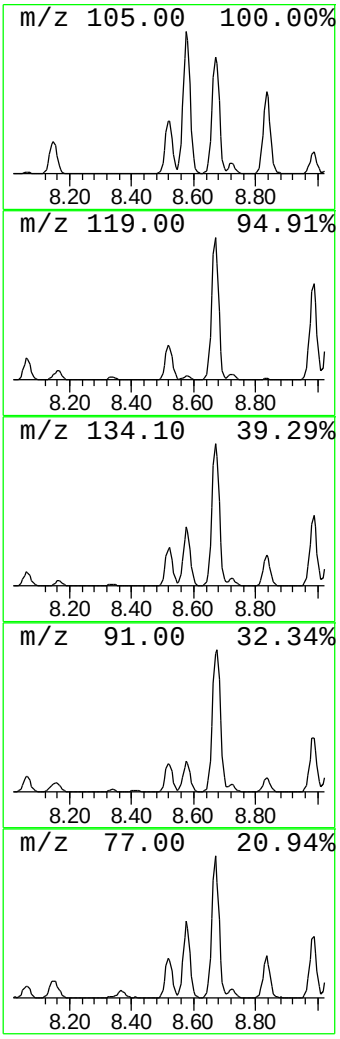
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	28.59 ng	617762	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

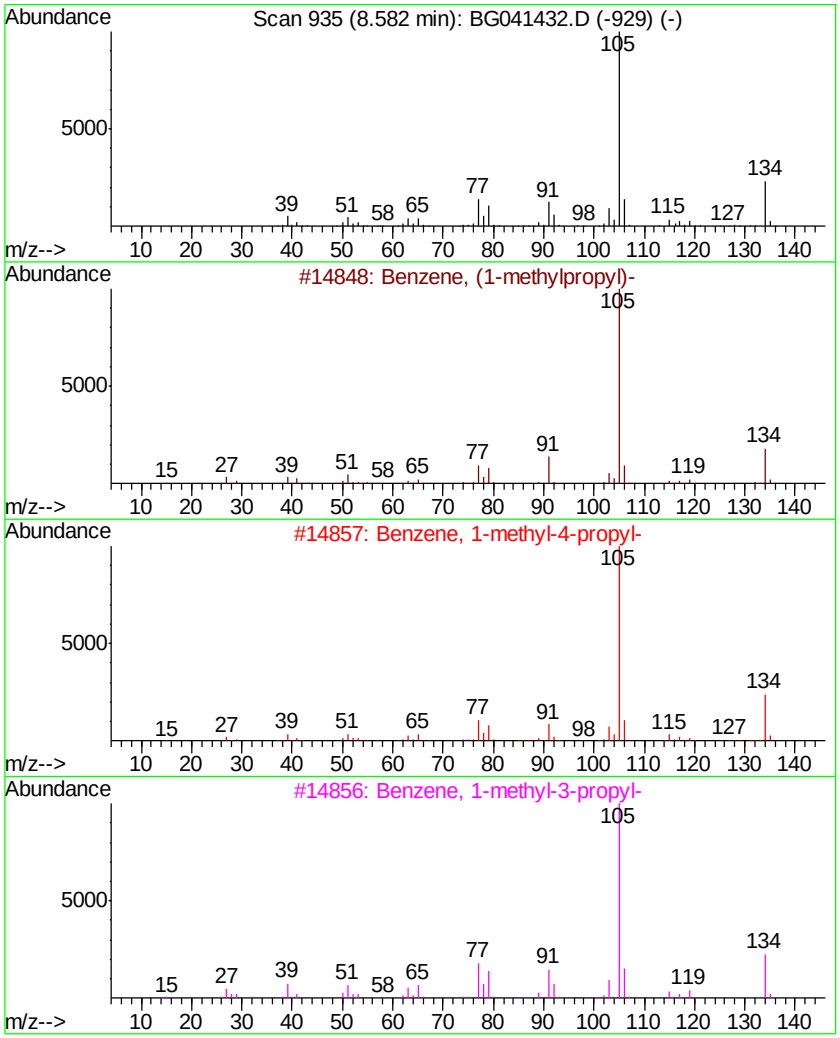
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

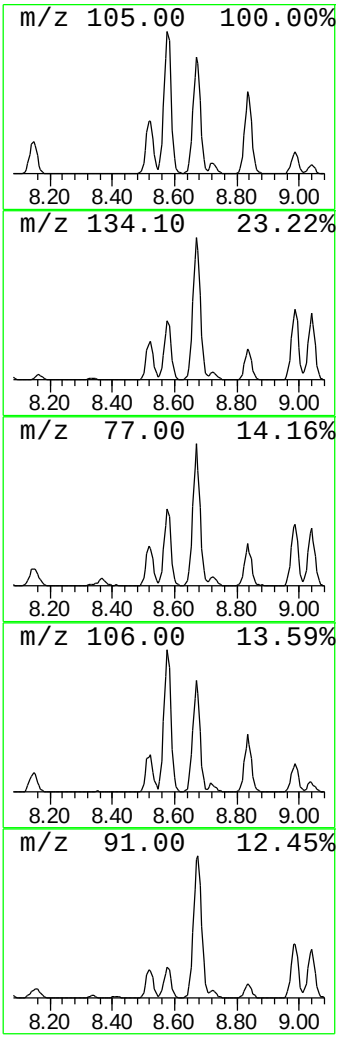
****

Peak Number 7 Benzene, (1-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	41.84 ng	904139	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	87





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Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

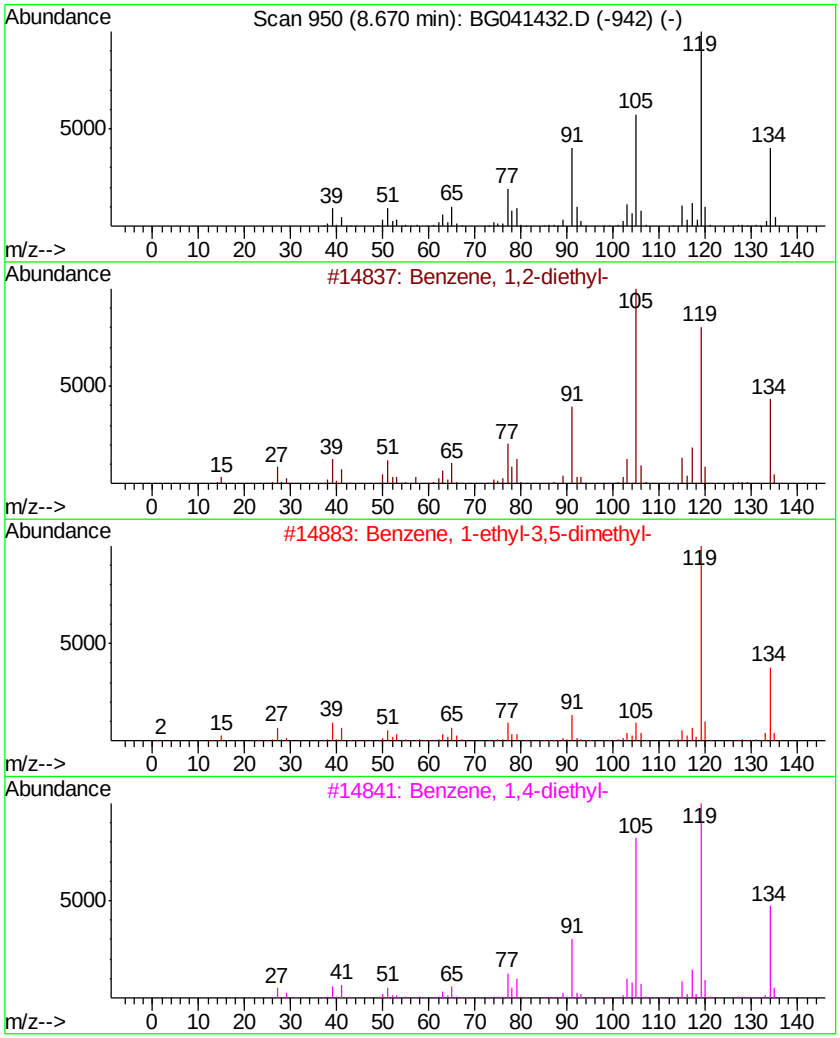
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

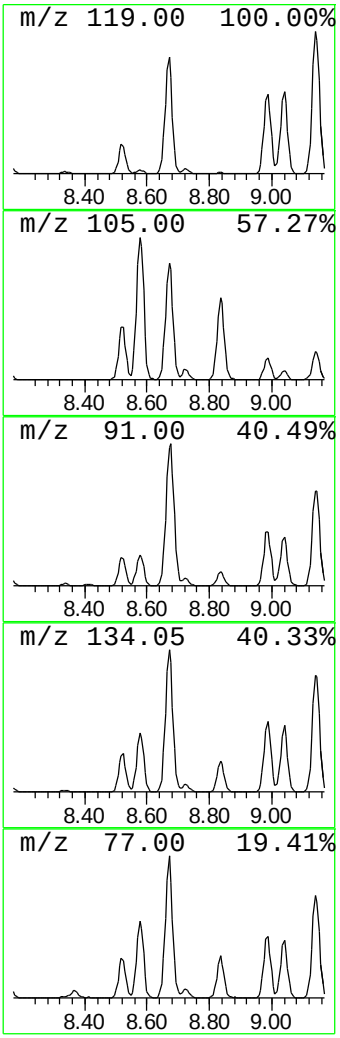
****

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	104.26 ng	2252890	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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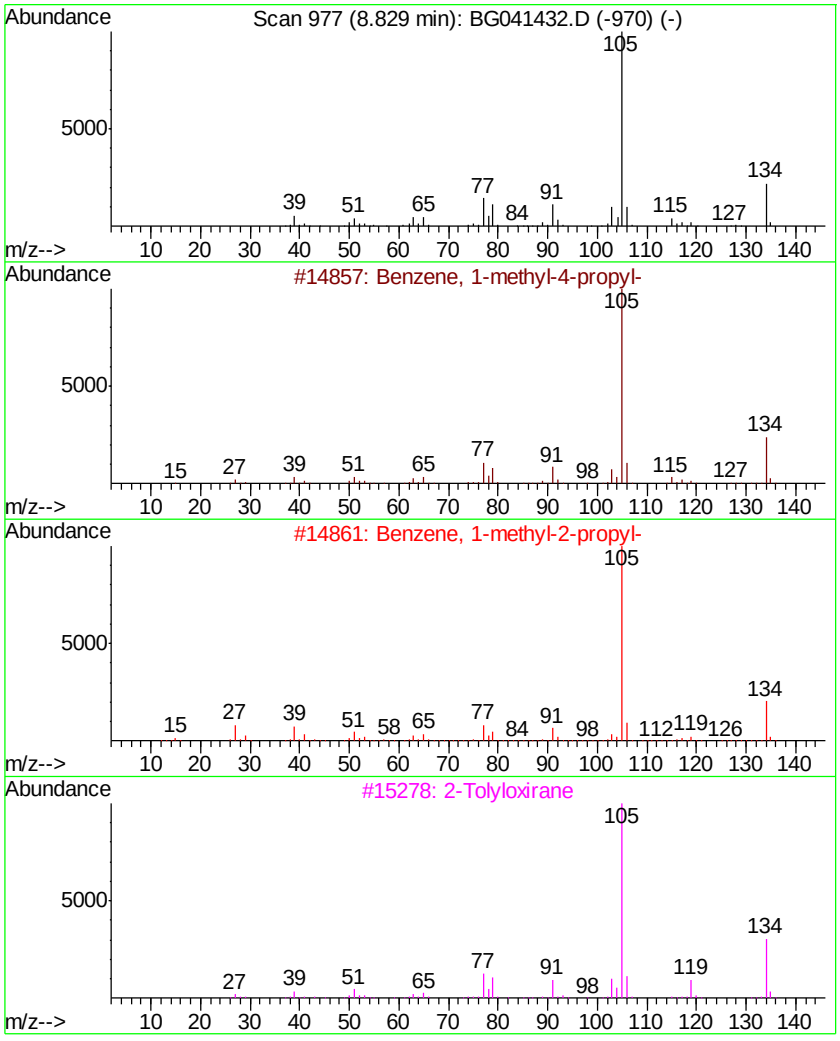
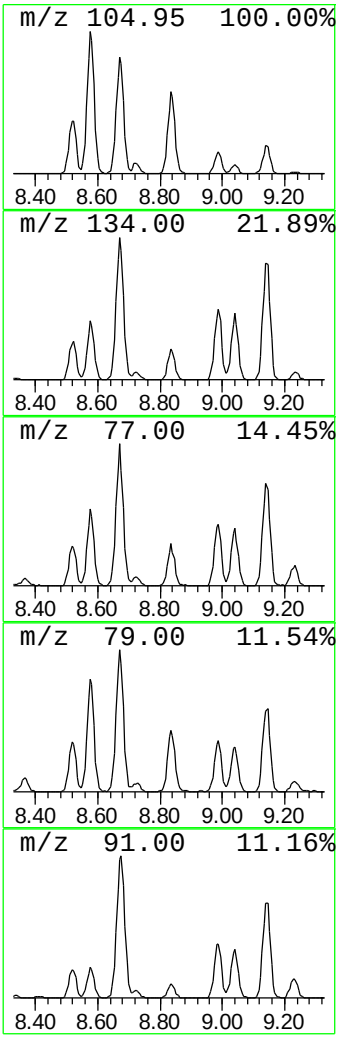
Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	22.66 ng	489652	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	2-Tolyloxirane	134	C9H10O	002783-26-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90





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Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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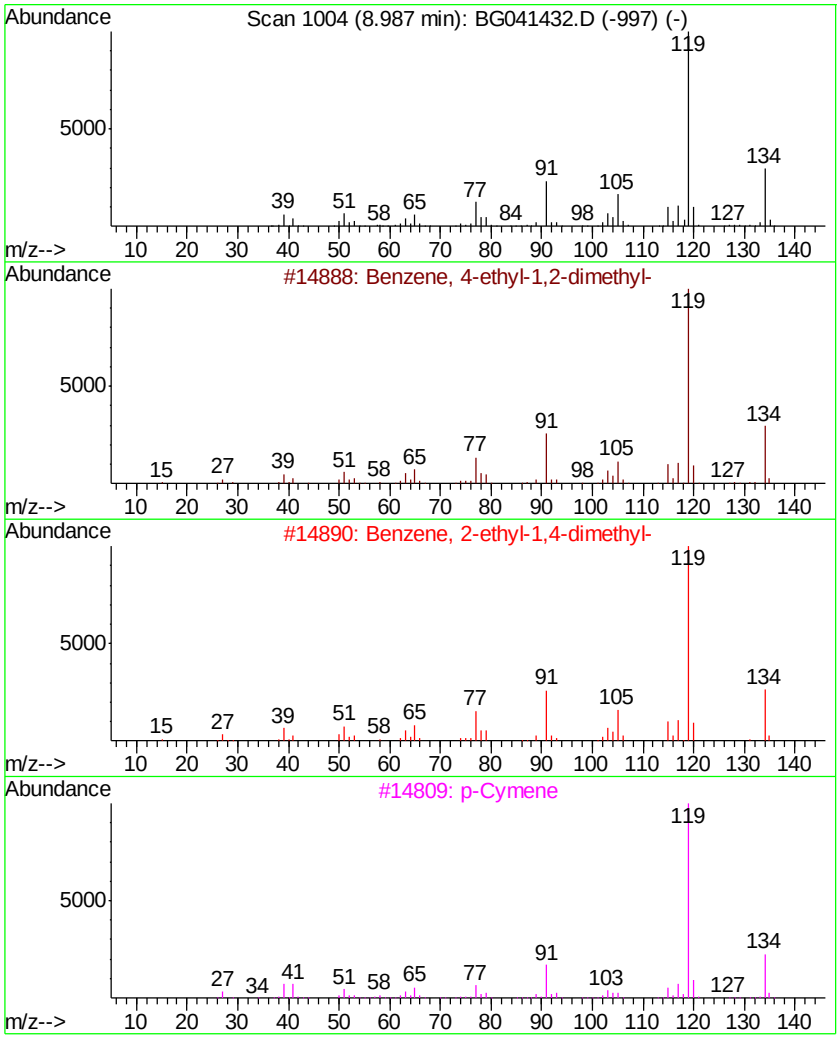
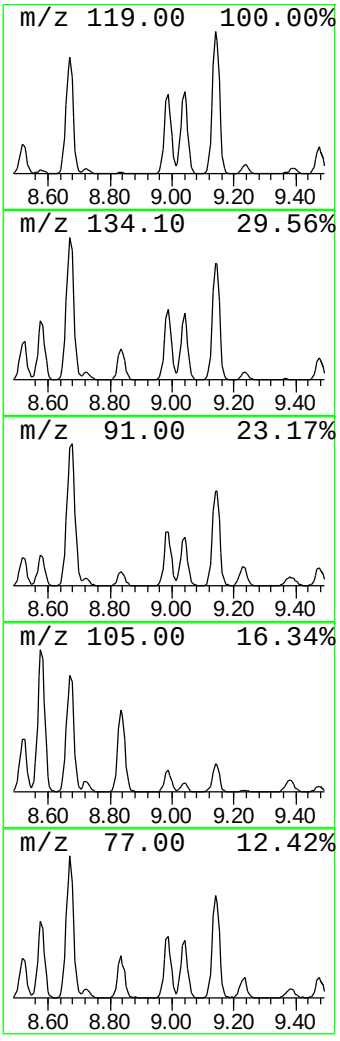
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	46.63 ng	1007650	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Library Search Compound Report

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Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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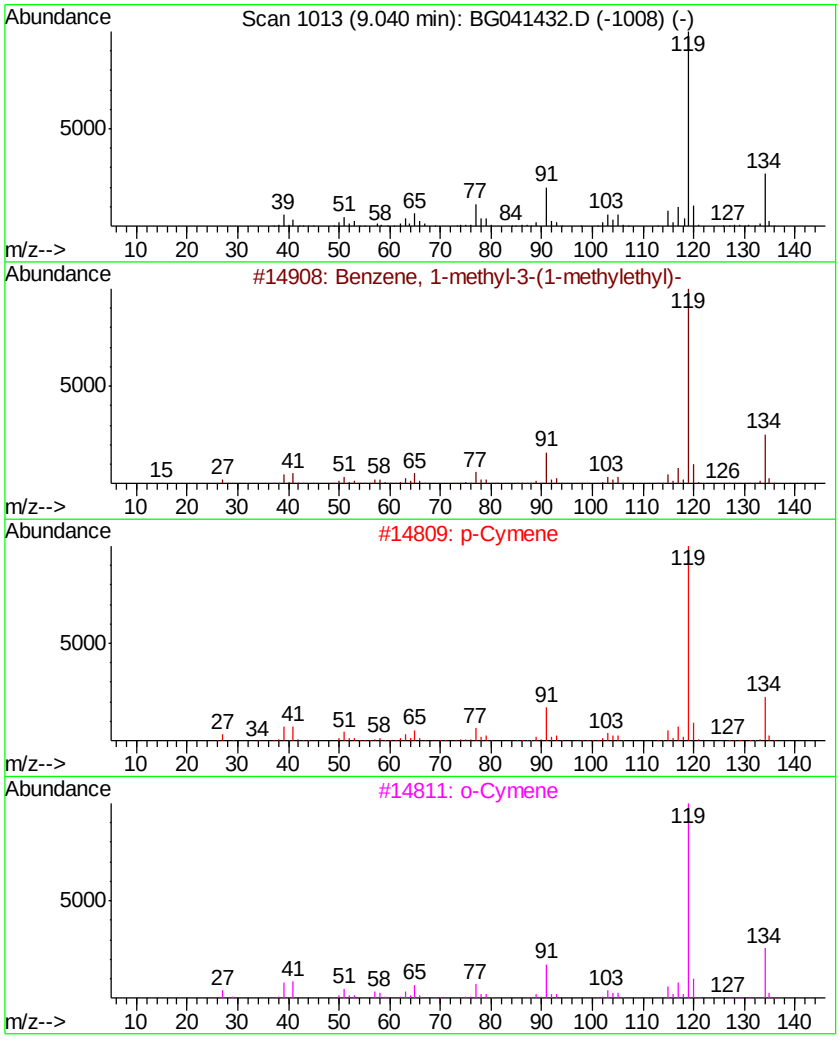
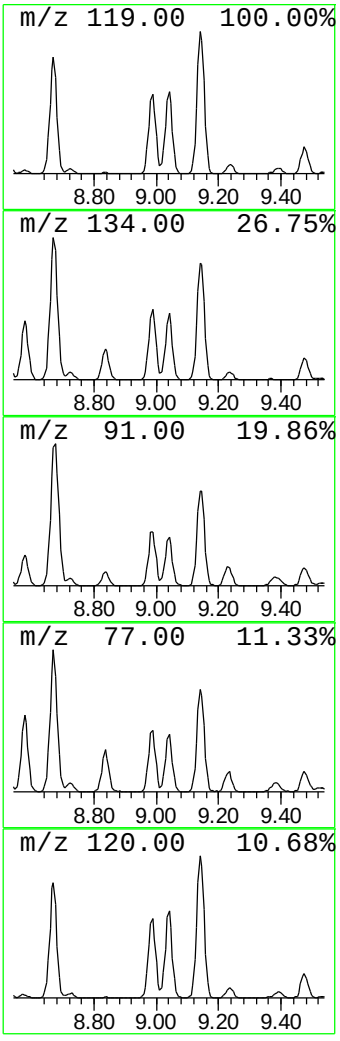
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	44.53 ng	962353	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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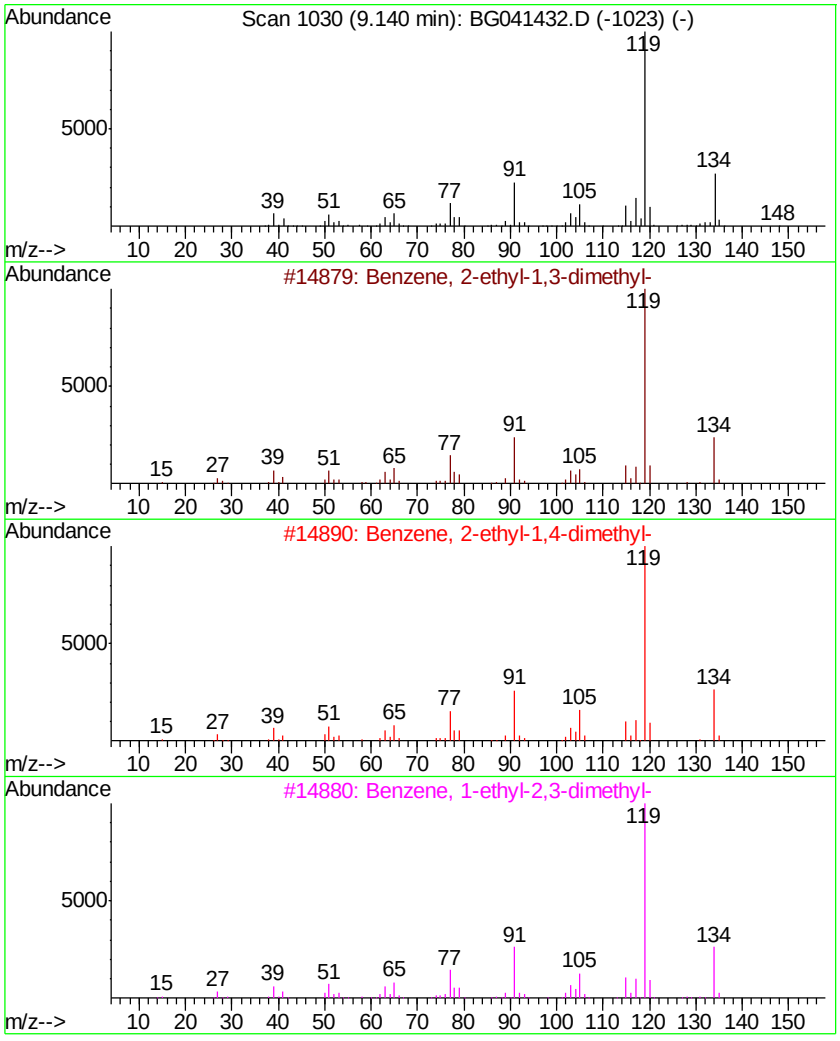
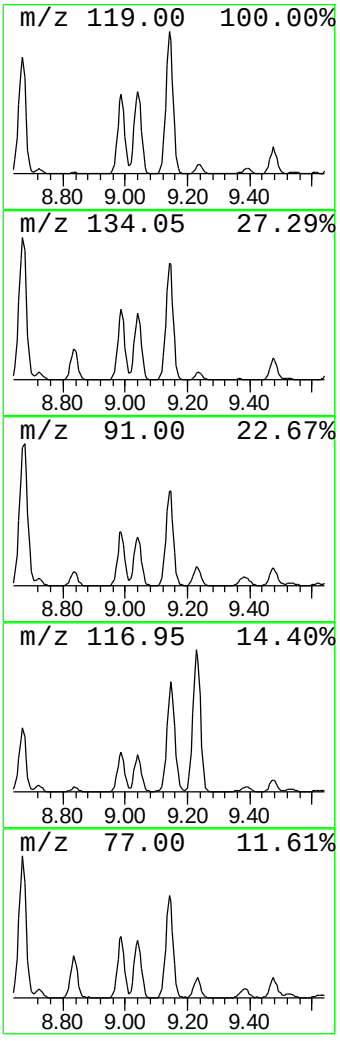
Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	89.15 ng	1926460	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

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Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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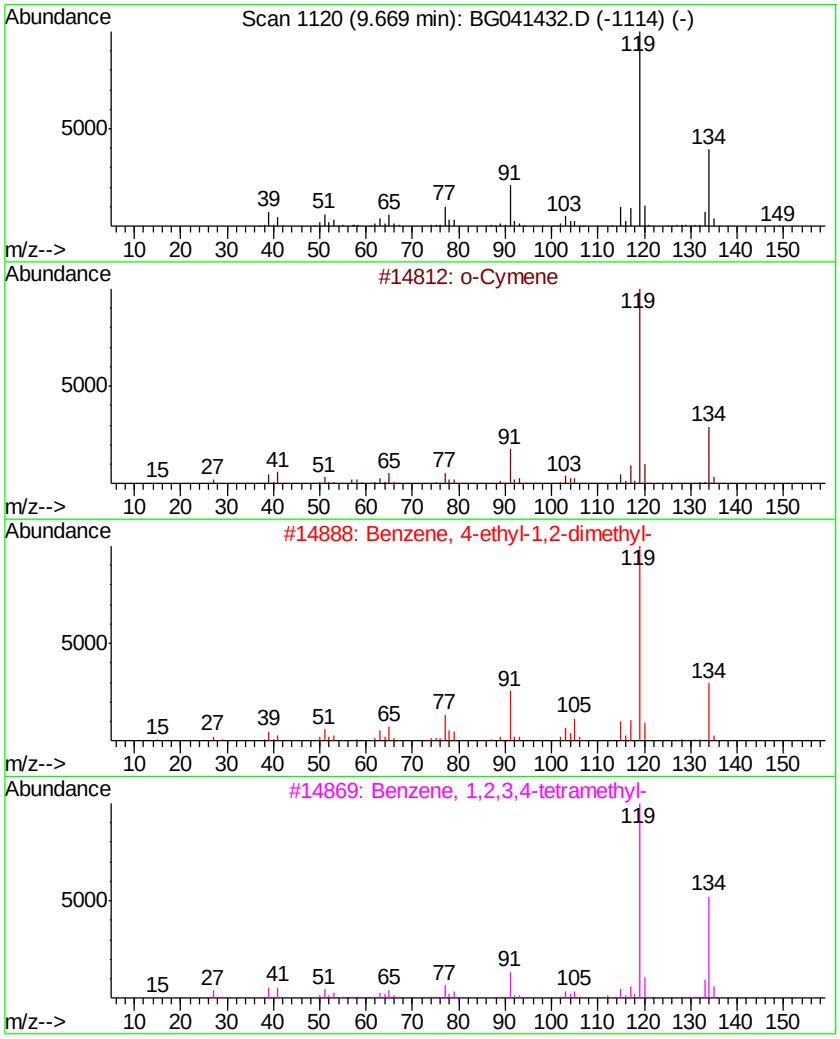
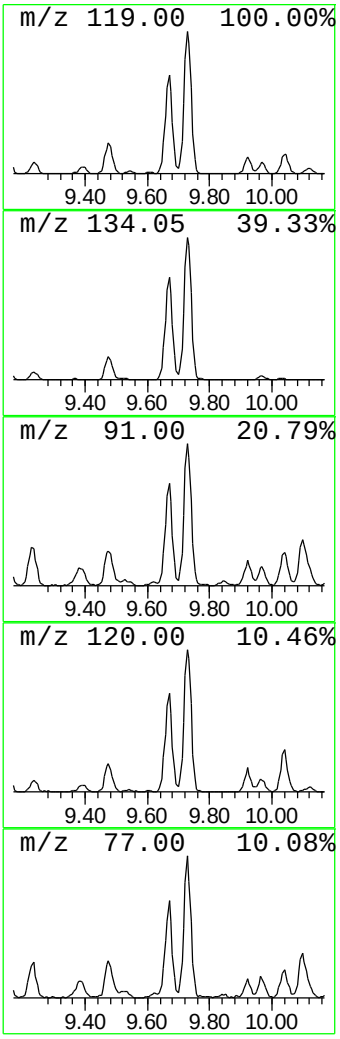
Peak Number 13 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	51.09 ng	1057980	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





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Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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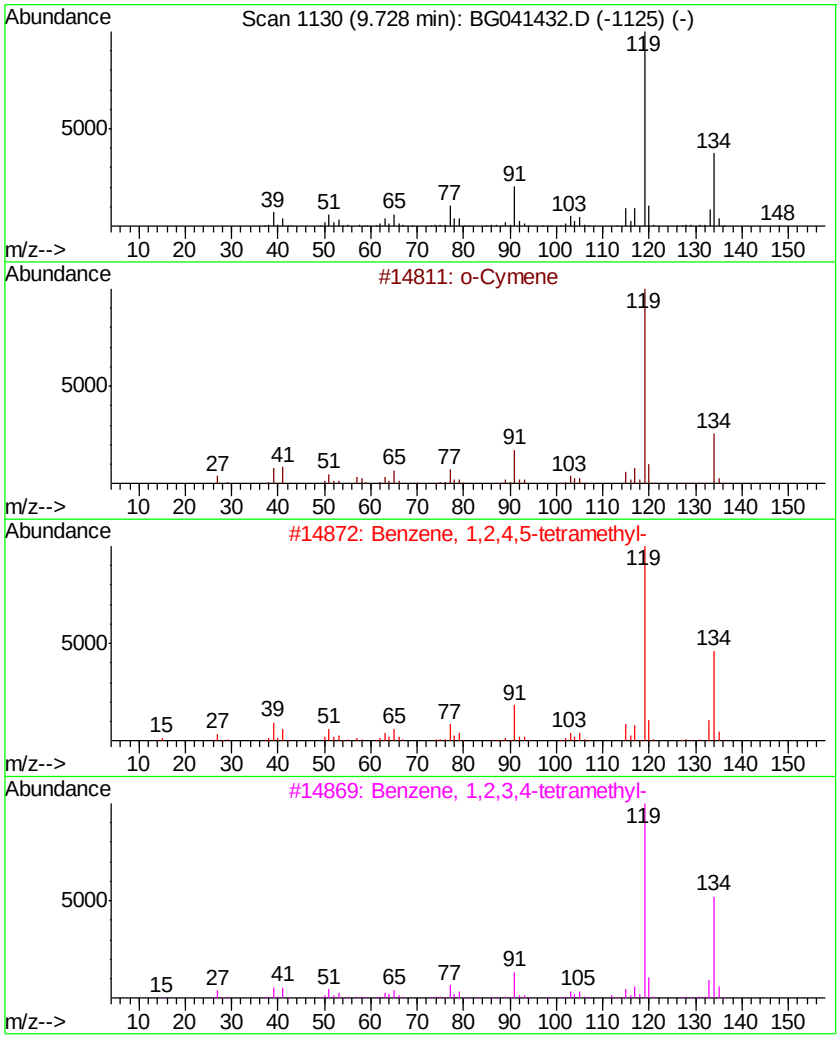
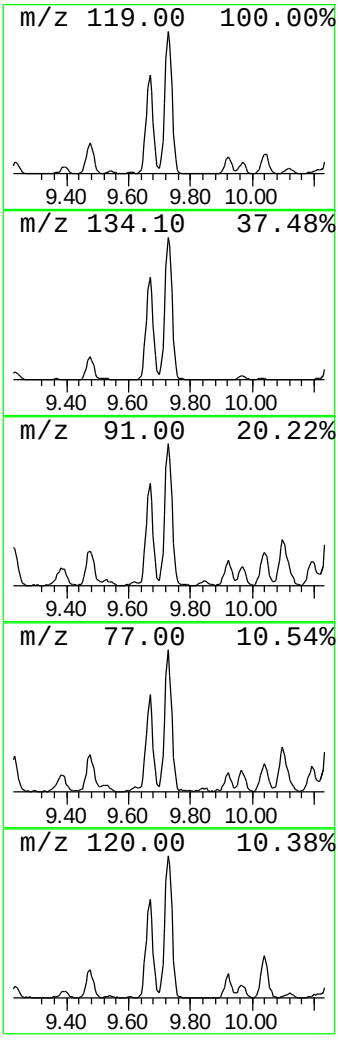
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	71.90 ng	1489150	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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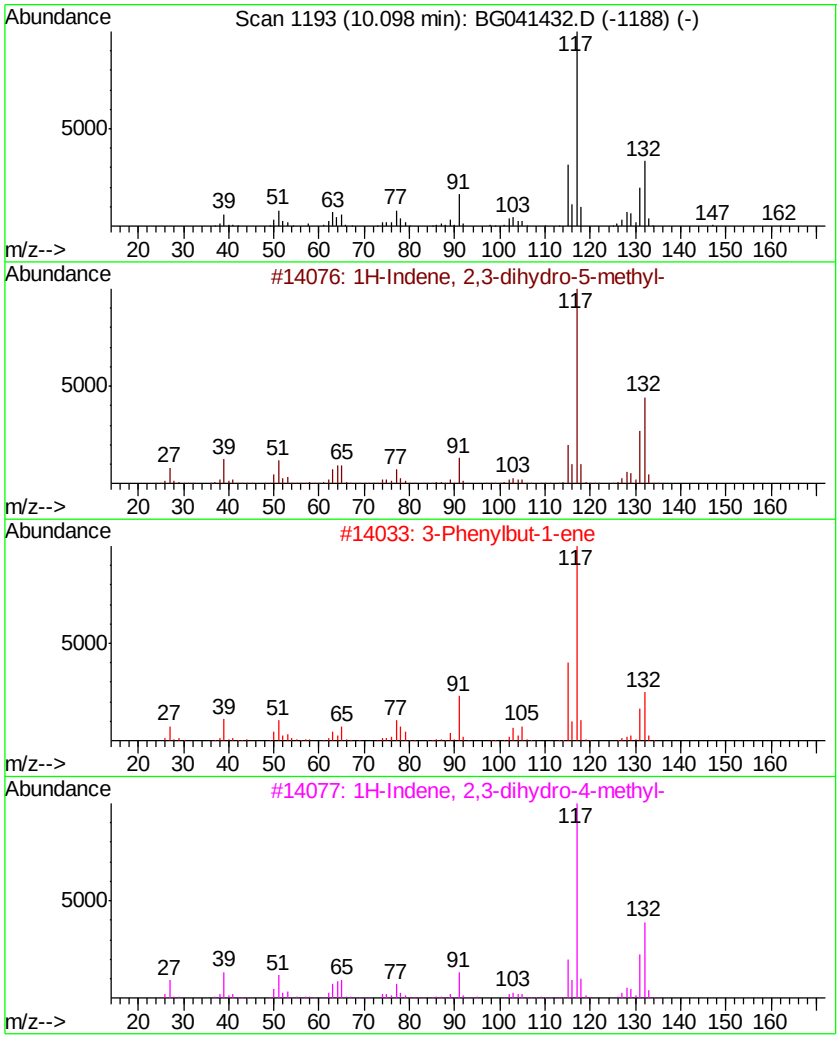
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

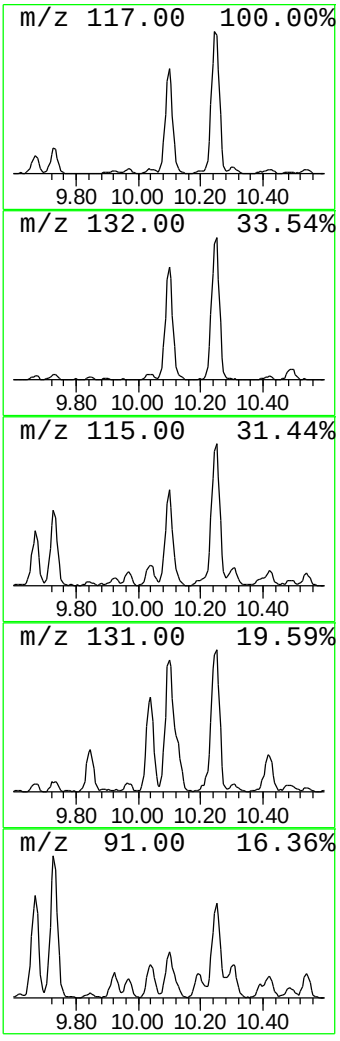
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	36.67 ng	759345	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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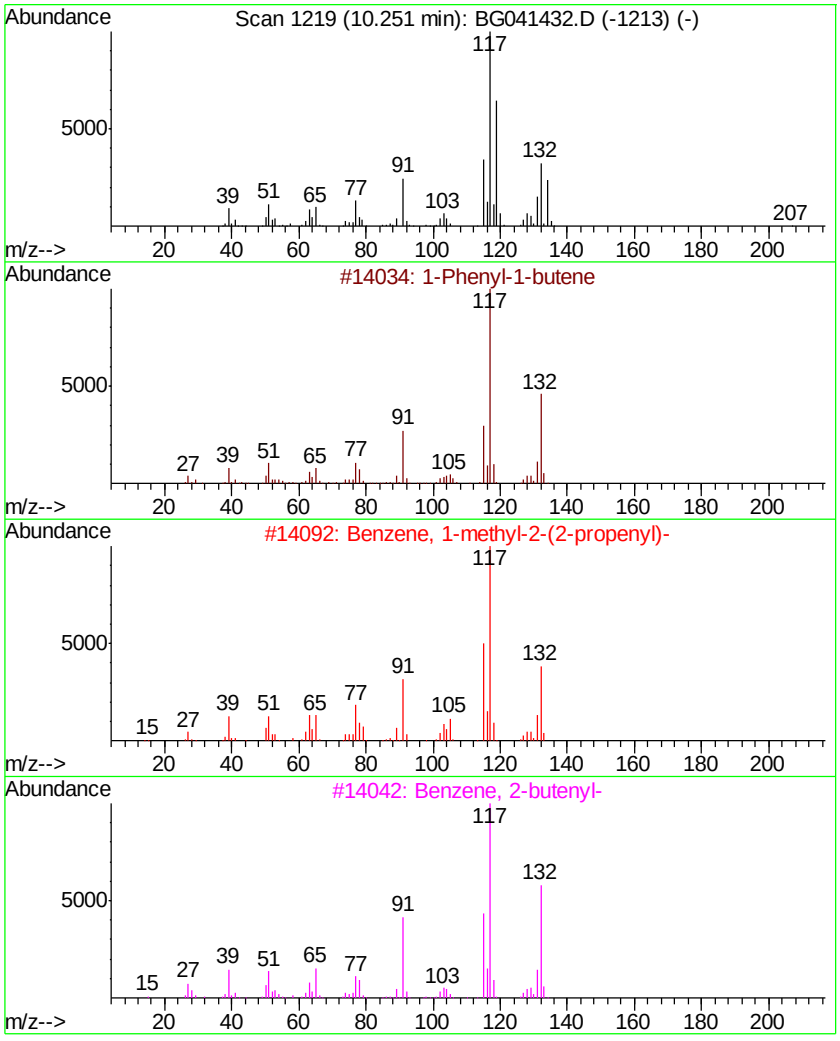
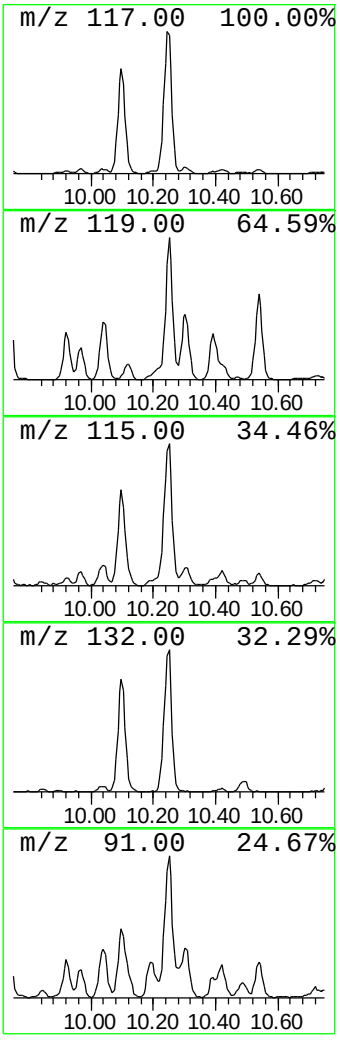
Peak Number 16 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	67.56 ng	1399170	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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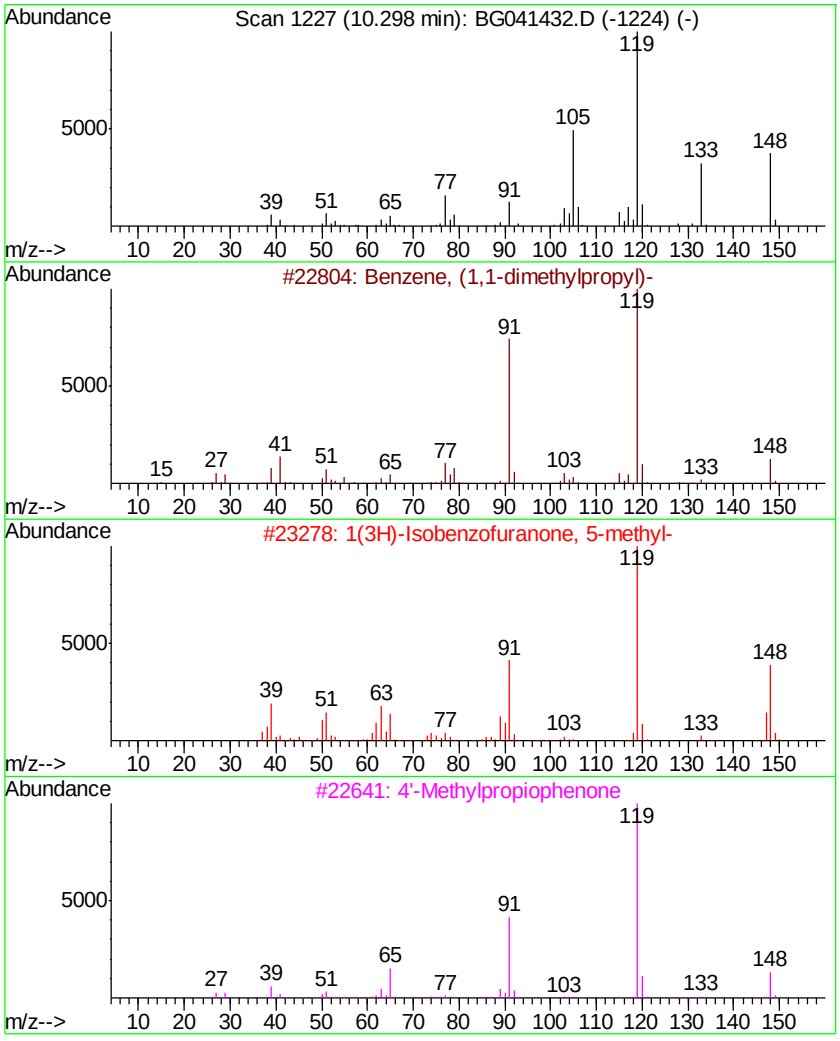
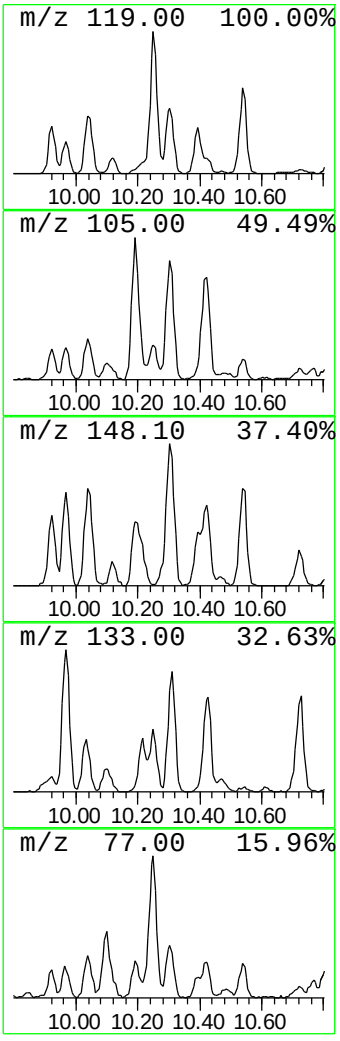
Peak Number 17 Benzene, (1,1-dimethylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	18.60 ng	385294	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
2	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	50
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
4	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	47
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

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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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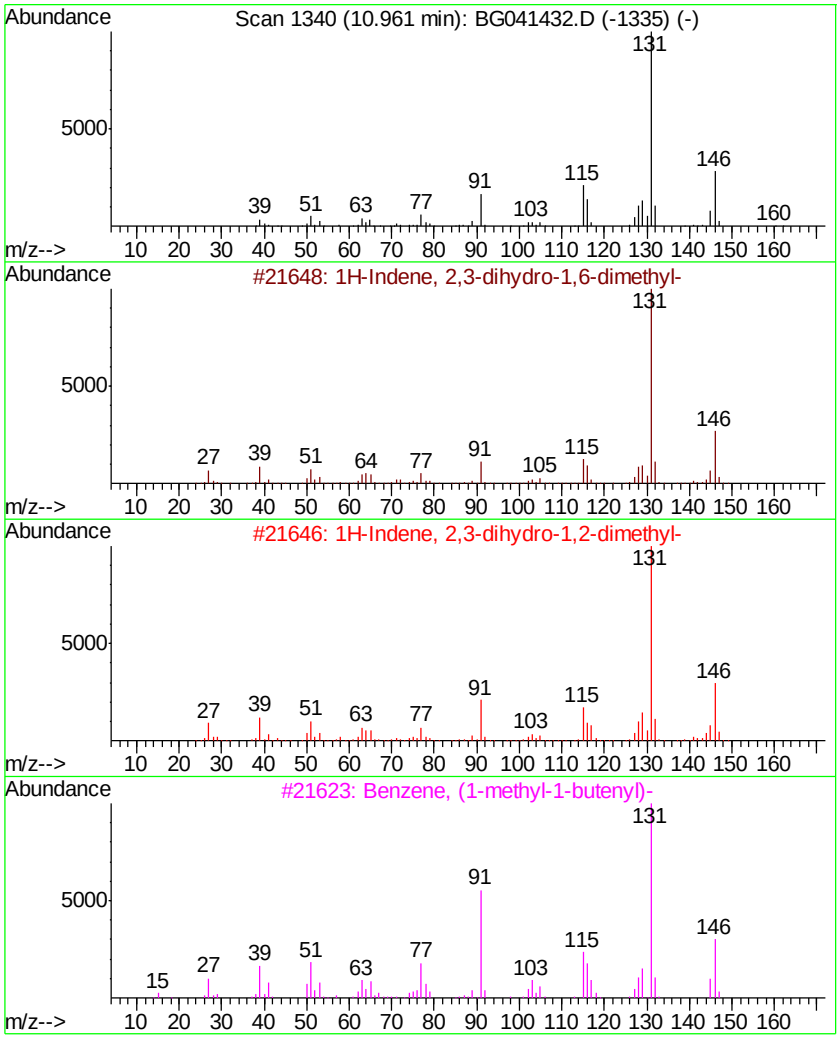
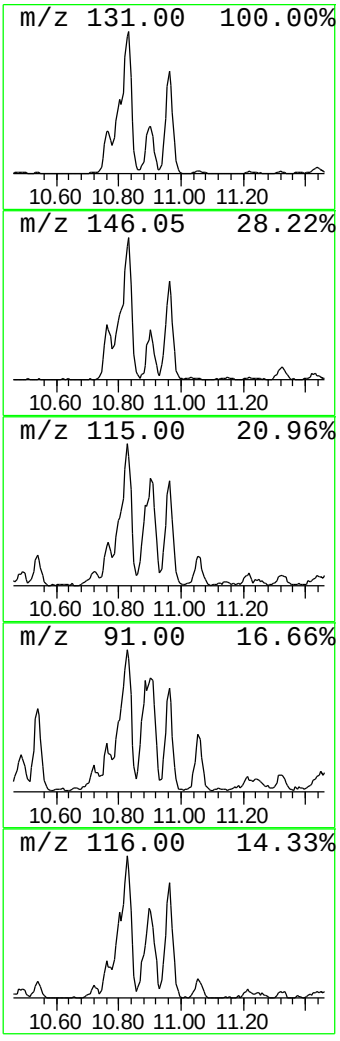
Peak Number 18 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	19.43 ng	402379	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

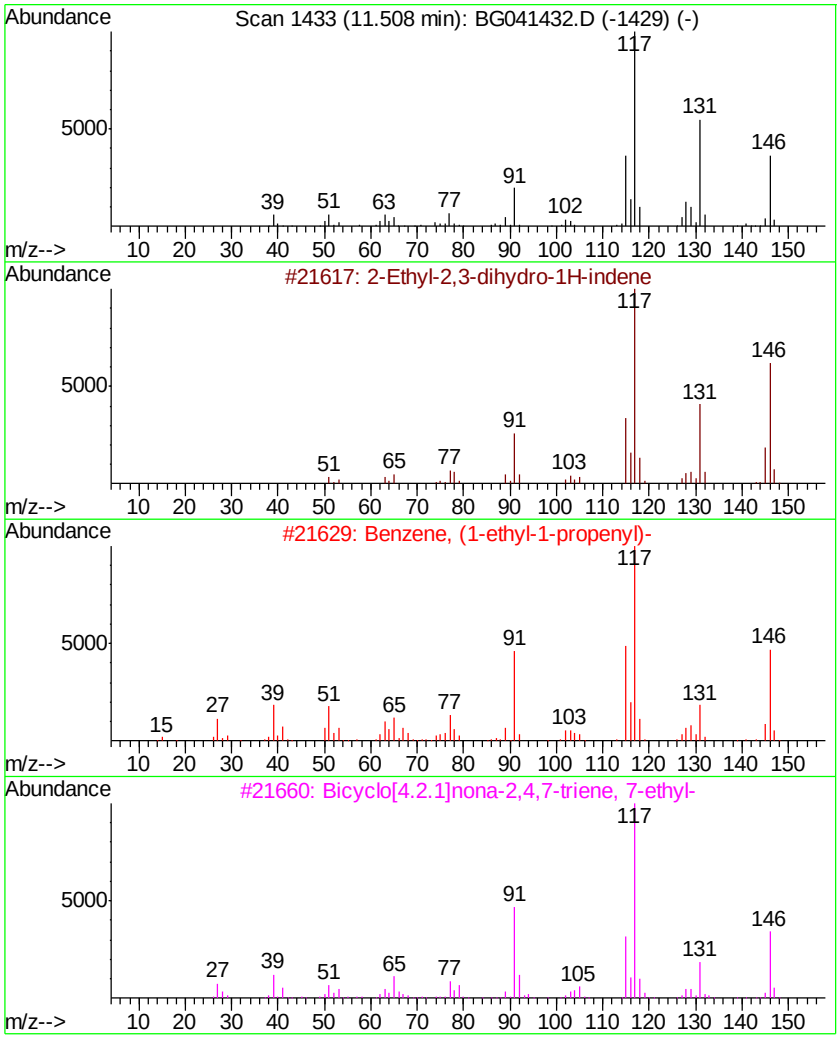
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

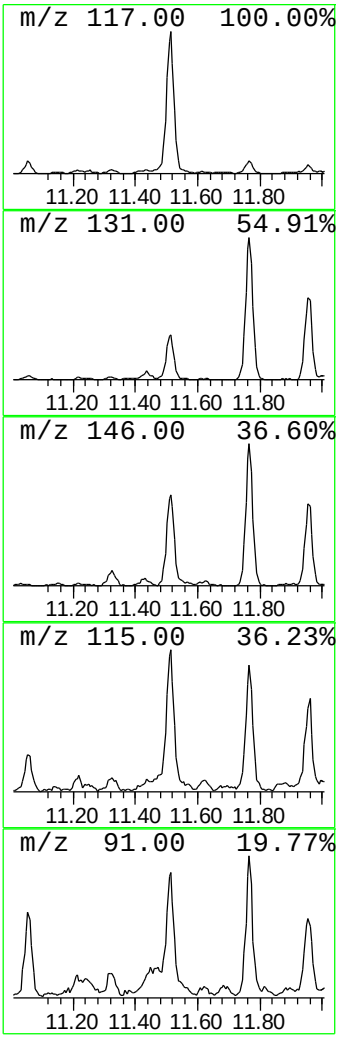
****

Peak Number 19 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	18.62 ng	385624	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	91
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	81
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

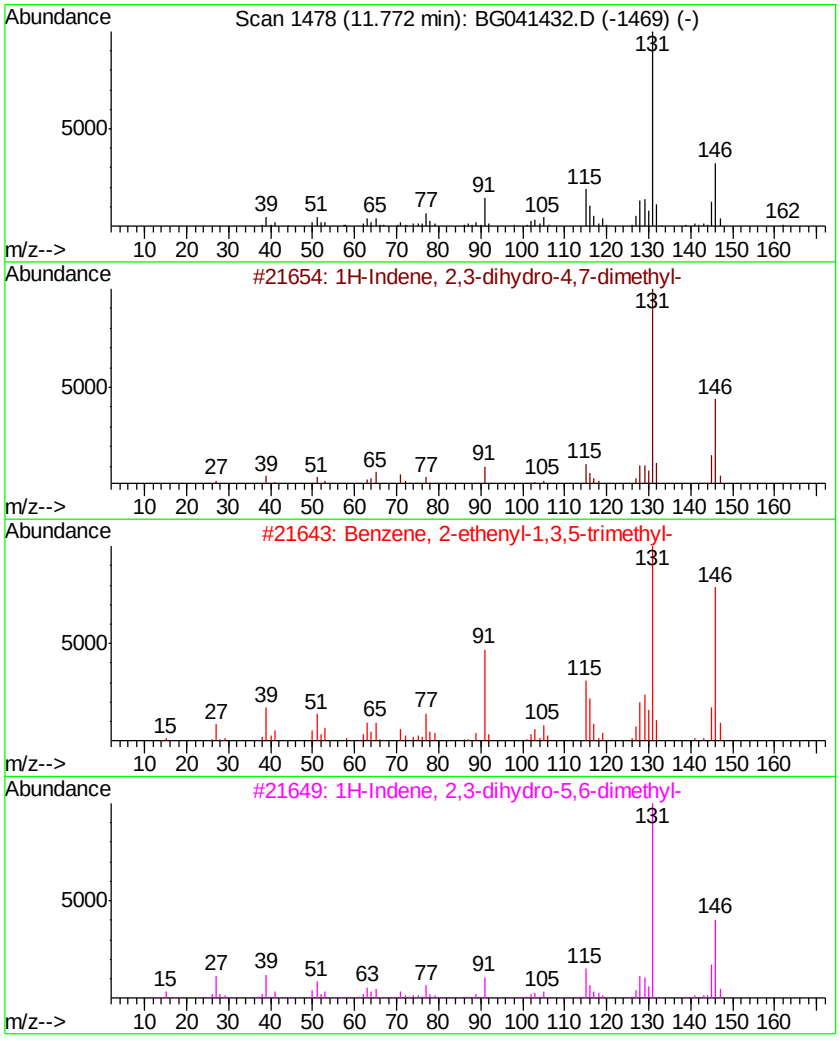
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

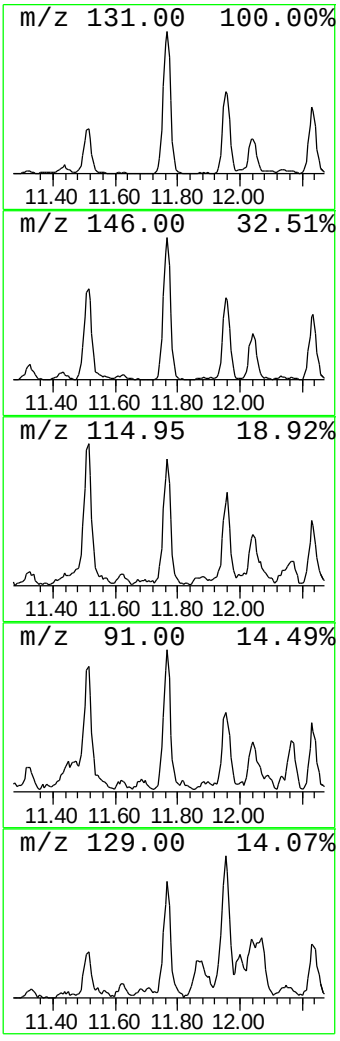
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	22.26 ng	460954	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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
Benzene, propyl-	7.00	19.7	ng	424753	1	8.05	432179	20.0
Benzene, 1-ethyl-...	7.11	41.5	ng	895826	1	8.05	432179	20.0
unknown7.57	7.57	38.7	ng	835875	1	8.05	432179	20.0
Benzene, 1,2,3-tr...	7.68	89.5	ng	1933080	1	8.05	432179	20.0
Benzene, 1,2-diet...	8.52	28.6	ng	617762	1	8.05	432179	20.0
Benzene, (1-methy...	8.58	41.8	ng	904139	1	8.05	432179	20.0
Benzene, 1-ethyl-...	8.67	104.3	ng	2252890	1	8.05	432179	20.0
Benzene, 1-methyl...	8.83	22.7	ng	489652	1	8.05	432179	20.0
Benzene, 4-ethyl-...	8.99	46.6	ng	1007650	1	8.05	432179	20.0
Benzene, 1-methyl...	9.04	44.5	ng	962353	1	8.05	432179	20.0
Benzene, 2-ethyl-...	9.14	89.2	ng	1926460	1	8.05	432179	20.0
o-Cymene	9.67	51.1	ng	1057980	2	10.87	414205	20.0
Benzene, 1,2,4,5-...	9.73	71.9	ng	1489150	2	10.87	414205	20.0
1H-Indene, 2,3-di...	10.10	36.7	ng	759345	2	10.87	414205	20.0
1-Phenyl-1-butene	10.25	67.6	ng	1399170	2	10.87	414205	20.0
Benzene, (1,1-dim...	10.30	18.6	ng	385294	2	10.87	414205	20.0
1H-Indene, 2,3-di...	10.96	19.4	ng	402379	2	10.87	414205	20.0
2-Ethyl-2,3-dihyd...	11.51	18.6	ng	385624	2	10.87	414205	20.0
1H-Indene, 2,3-di...	11.77	22.3	ng	460954	2	10.87	414205	20.0