LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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	4.574	249	253	258	rVB	59190	79494	2.58%	0.465%
2	5.508	407	412	418	rBV	65446	106750	3.47%	0.624%
3	5.578	418	424	431	rVV	241924	419469	13.62%	2.453%
4	5.661	432	438	444	rVB	53232	113447	3.68%	0.663%
5	6.019	494	499	507	rVB2	39672	66999	2.18%	0.392%
6	6.266	536	541	548	rBV5	14010	34525	1.12%	0.202%
7	6.501	576	581	586	rBV3	28811	52803	1.71%	0.309%
8	6.636	599	604	611	rVB7	16819	34438	1.12%	0.201%
9	6.994	659	665	672	rBV	115440	193084	6.27%	1.129%
10	7.100	677	683	689	rVV3	86705	159356	5.18%	0.932%
11	7.165	689	694	697	rVV	142479	244553	7.94%	1.430%
12	7.200	697	700	704	rVV	178865	306377	9.95%	1.792%
13	7.241	704	707	716	rVB	130052	202499	6.58%	1.184%
14	7.411	730	736	743	rVB	77049	124183	4.03%	0.726%
15	7.570	756	763	774	rBV	509508	890394	28.92%	5.207%
16	7.670	775	780	786	rVB	56193	93794	3.05%	0.548%
17	7.893	812	818	821	rBV3	17805	32948	1.07%	0.193%
18	8.046	837	844	853	rVB2	124312	236011	7.67%	1.380%
19	8.146	855	861	868	rBV	89965	156429	5.08%	0.915%
20	8.363	890	898	904	rBV	505429	893136	29.01%	5.223%
21	8.410	904	906	916	rVB	47568	68055	2.21%	0.398%
22	8.516	919	924	930	rBV2	60185	94540	3.07%	0.553%
23	8.575	930	934	942	rVB	28515	50527	1.64%	0.295%
24	8.669	944	950	956	rBV2	152734	266671	8.66%	1.559%
25	8.833	973	978	989	rBV	34750	65603	2.13%	0.384%
26	8.980	998	1003	1008	rBV	68737	111811	3.63%	0.654%
27	9.039	1008	1013	1019	rVB	59399	96799	3.14%	0.566%
28	9.139	1024	1030	1038	rBV2	145456	251257	8.16%	1.469%
29	9.227	1038	1045	1054	rBV	494292	879108	28.55%	5.141%
30	9.374	1065	1070	1082	rVB7	15984	40271	1.31%	0.235%
31	9.480	1082	1088	1093	rBV2	28249	68640	2.23%	0.401%
32	9.538	1094	1098	1104	rVB3	28332	47746	1.55%	0.279%
33	9.668	1114	1120	1125	rVB	74113	117807	3.83%	0.689%
34	9.726	1125	1130	1136	rVB	105512	164816	5.35%	0.964%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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	9.920	1156	1163	1168	rBV	44036	74912	2.43%	0.438%
36	10.038	1177	1183	1188	rBV4	21167	43636	1.42%	0.255%
37	10.097	1188	1193	1201	rVB3	76562	151079	4.91%	0.883%
38	10.243	1210	1218	1224	rBV	131417	239797	7.79%	1.402%
39	10.302	1224	1228	1234	rVB3	40390	68095	2.21%	0.398%
40	10.420	1239	1248	1255	rVB5	25079	55988	1.82%	0.327%
41	10.825	1313	1317	1319	rBV2	23126	33801	1.10%	0.198%
42	10.866	1319	1324	1329	rVV	162741	320449	10.41%	1.874%
43	10.907	1329	1331	1336	rVV3	62237	102671	3.33%	0.600%
44	10.960	1336	1340	1347	rVB2	36603	63621	2.07%	0.372%
45	11.513	1429	1434	1437	rBV4	20602	35462	1.15%	0.207%
46	11.765	1469	1477	1485	rBV4	32875	66479	2.16%	0.389%
47	12.035	1519	1523	1529	rBV5	21942	48870	1.59%	0.286%
48	12.247	1552	1559	1567	rBV6	18236	51370	1.67%	0.300%
49	12.517	1599	1605	1614	rVB	118677	187679	6.10%	1.097%
50	12.735	1638	1642	1649	rVB	63825	106121	3.45%	0.621%
51	13.305	1732	1739	1749	rVB	1279086	1925364	62.53%	11.259%
52	14.010	1852	1859	1863	rBV4	18317	31727	1.03%	0.186%
53	14.685	1967	1974	1982	rVB2	268534	434705	14.12%	2.542%
54	16.172	2221	2227	2237	rBV	936521	1463639	47.54%	8.559%
55	17.429	2435	2441	2456	rBV2	376760	560320	18.20%	3.276%
56	18.287	2583	2587	2594	rBV5	27224	48938	1.59%	0.286%
57	20.032	2877	2884	2896	rBV	2444352	3079016	100.00%	18.005%
58	21.701	3162	3168	3179	rBV2	340416	614900	19.97%	3.596%
59	22.447	3290	3295	3300	rBV2	20694	33746	1.10%	0.197%
60	23.152	3409	3415	3422	rBV5	29523	61820	2.01%	0.361%
61	23.957	3546	3552	3558	rBV4	22275	46640	1.51%	0.273%
62	24.991	3719	3728	3745	rVB	123906	386132	12.54%	2.258%

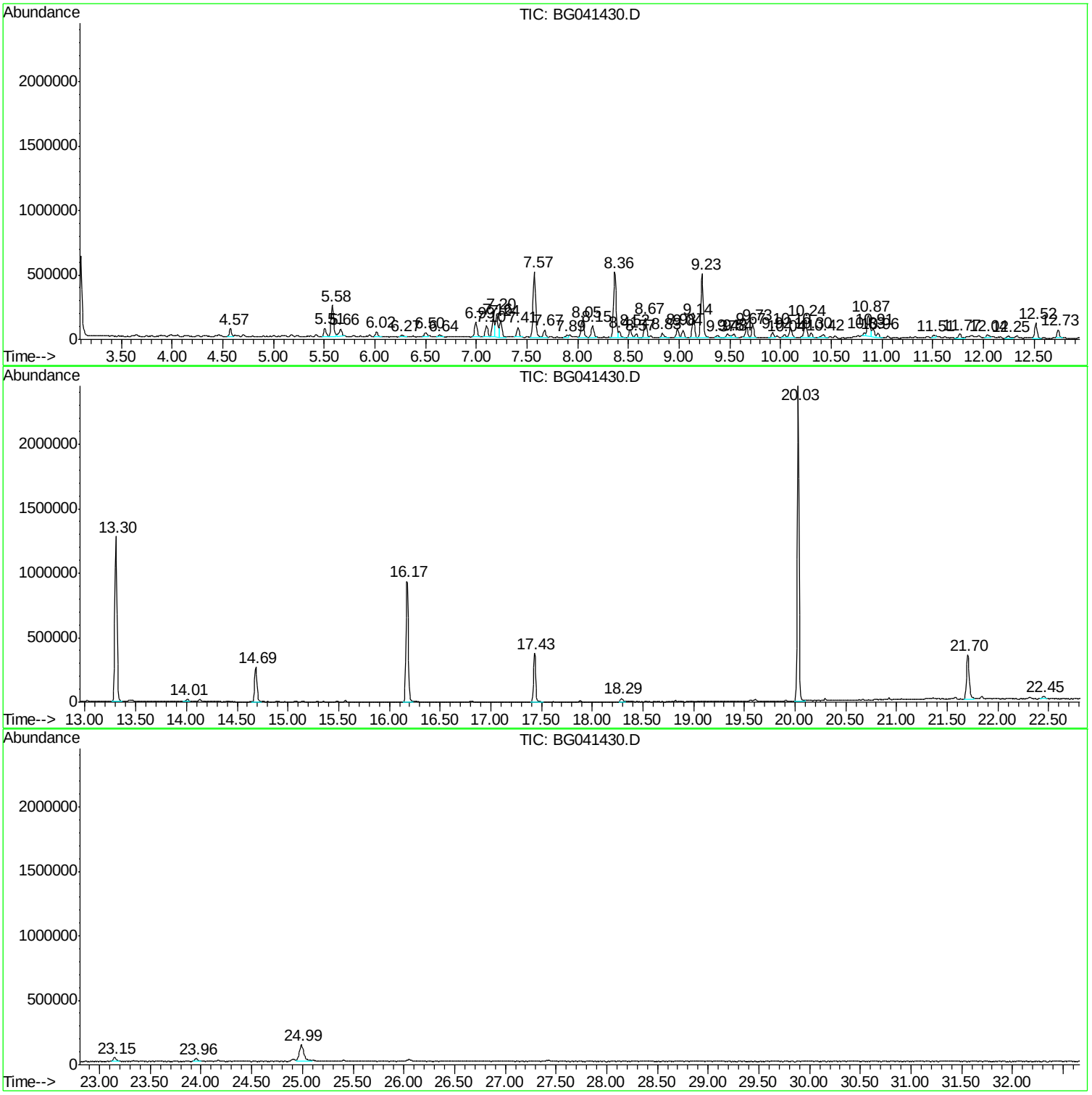
Sum of corrected areas: 17101317

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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 : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

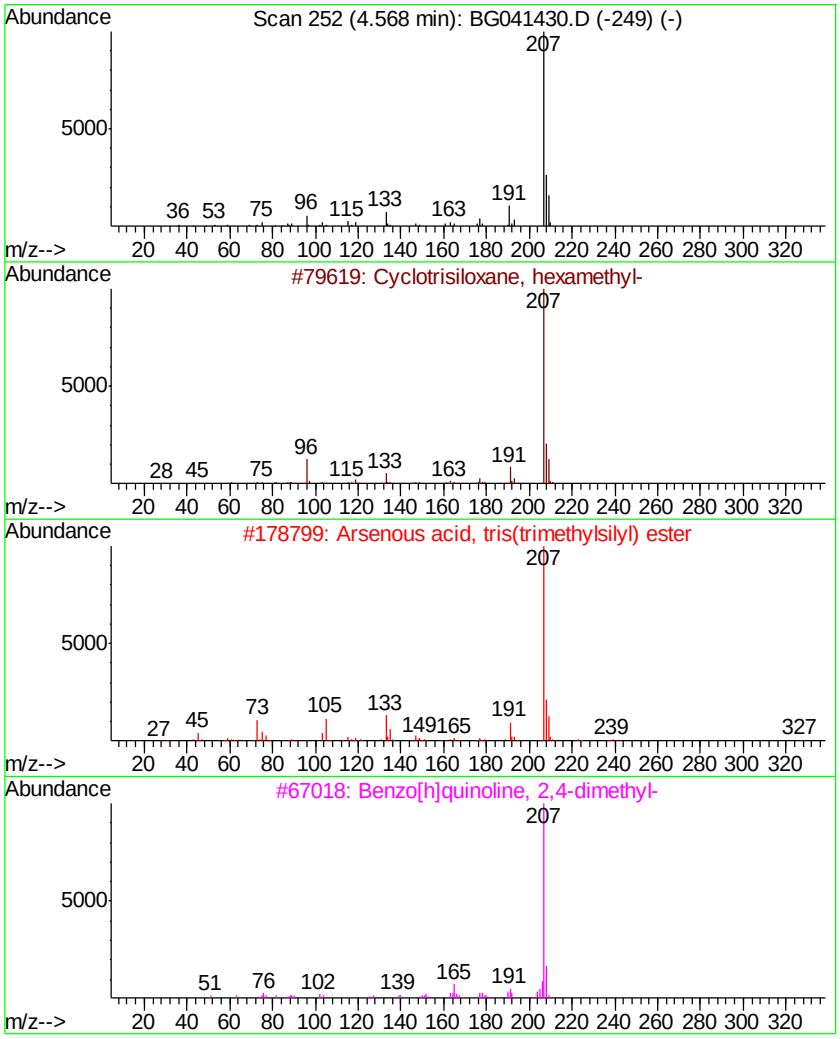
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

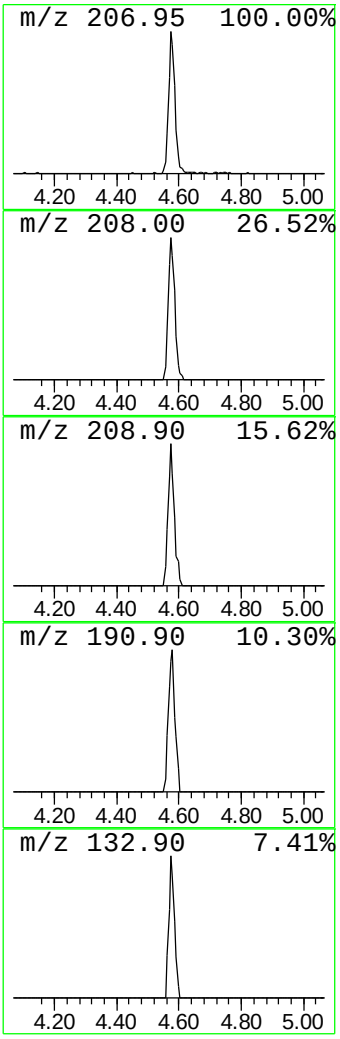
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	6.74 ng	79494	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
4	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

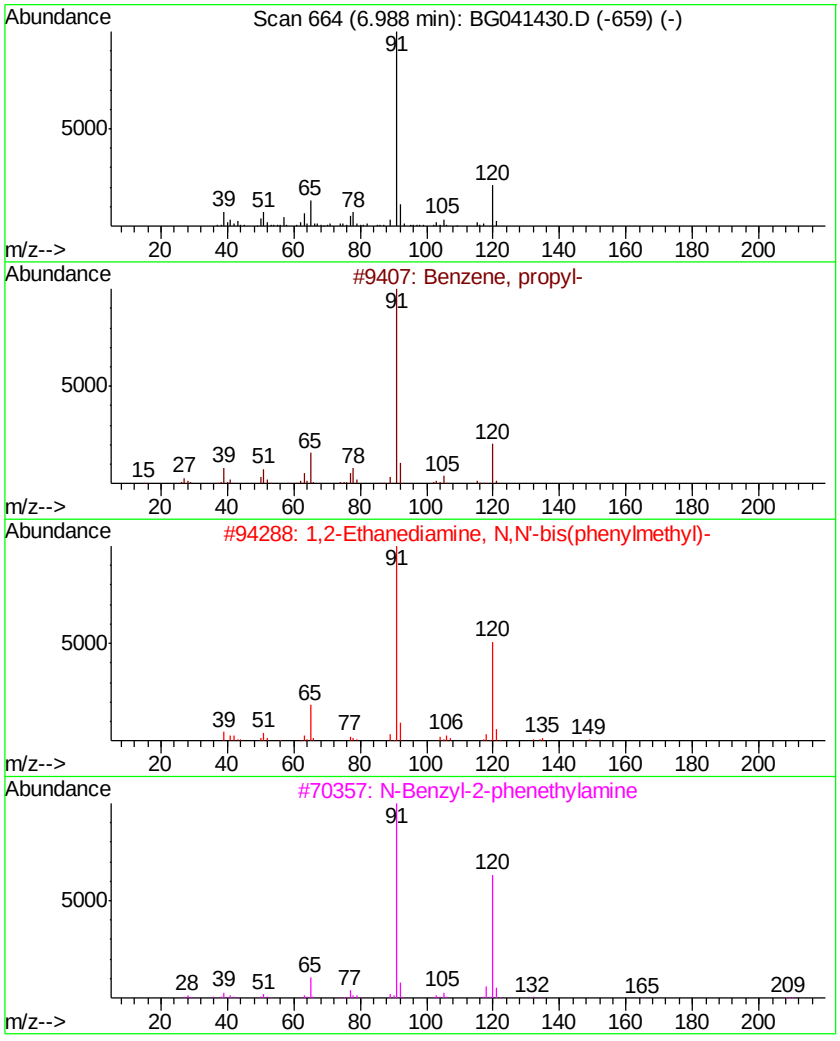
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

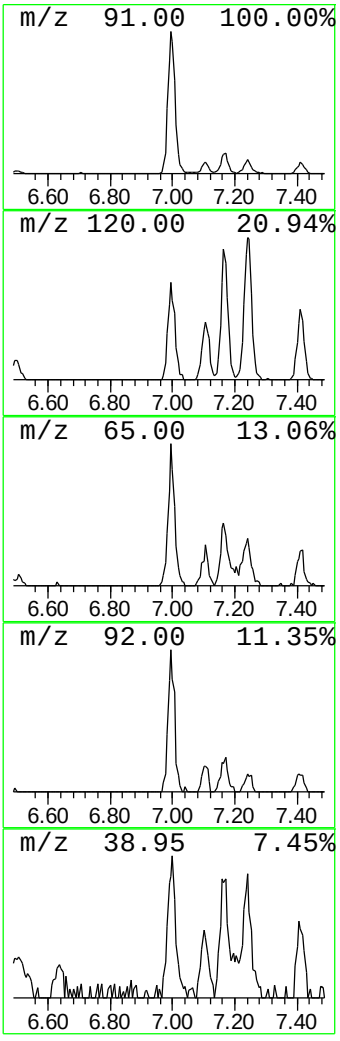
****

Peak Number 4 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	16.36 ng	193084	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	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

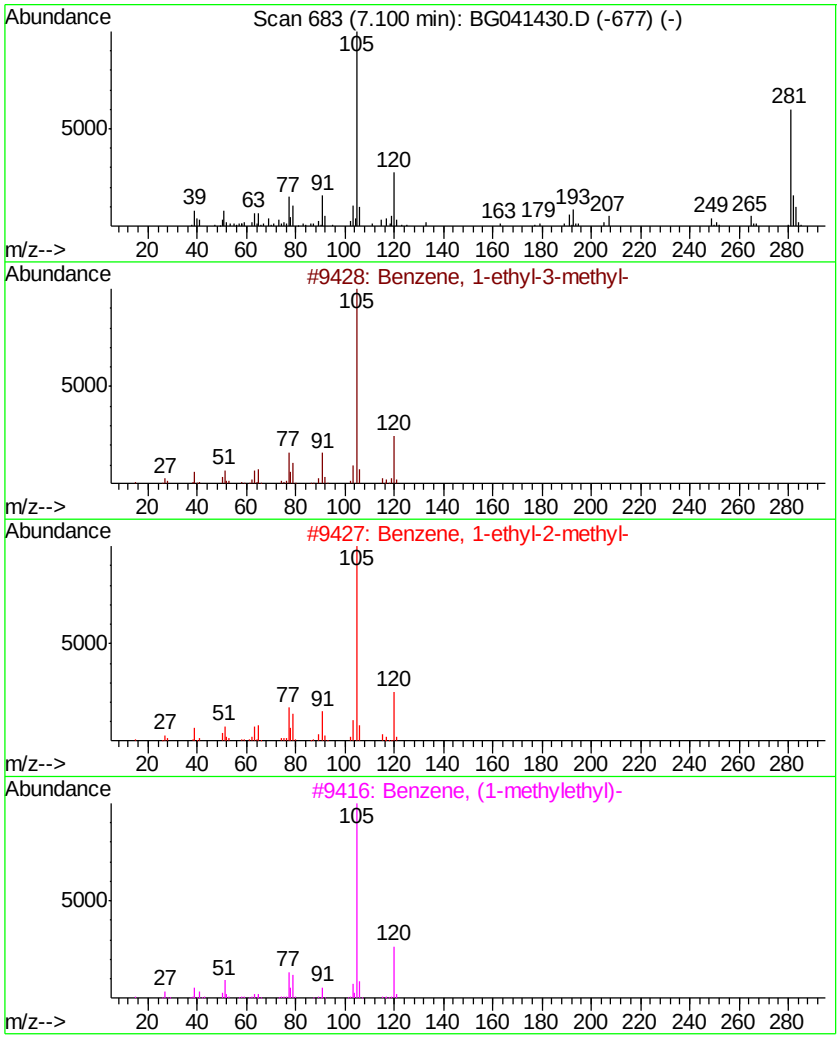
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

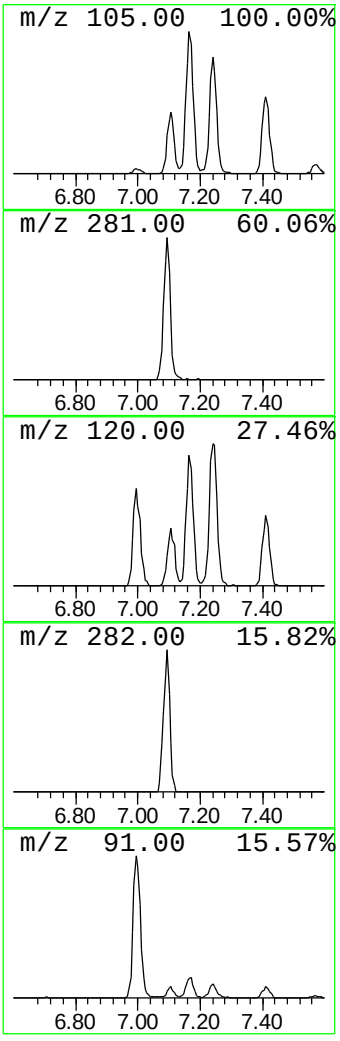
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	13.50 ng	159356	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	89
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46
4	2,4-Nonadiyne	120	C9H12	063621-15-8	46
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

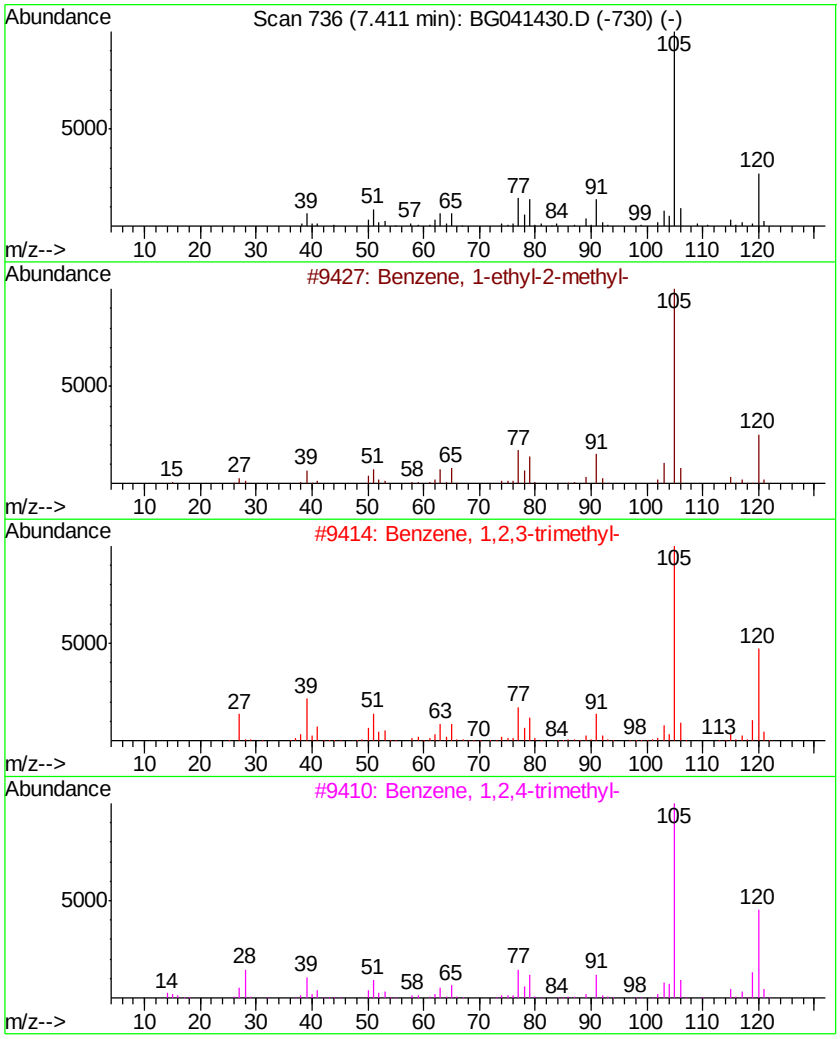
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

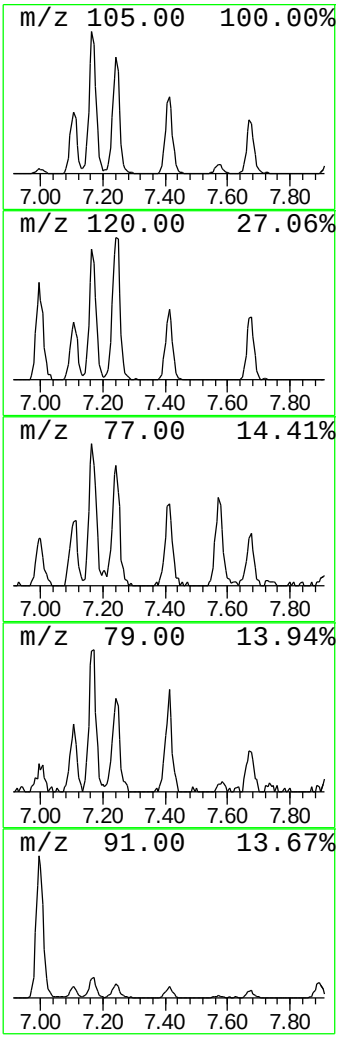
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	10.52 ng	124183	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

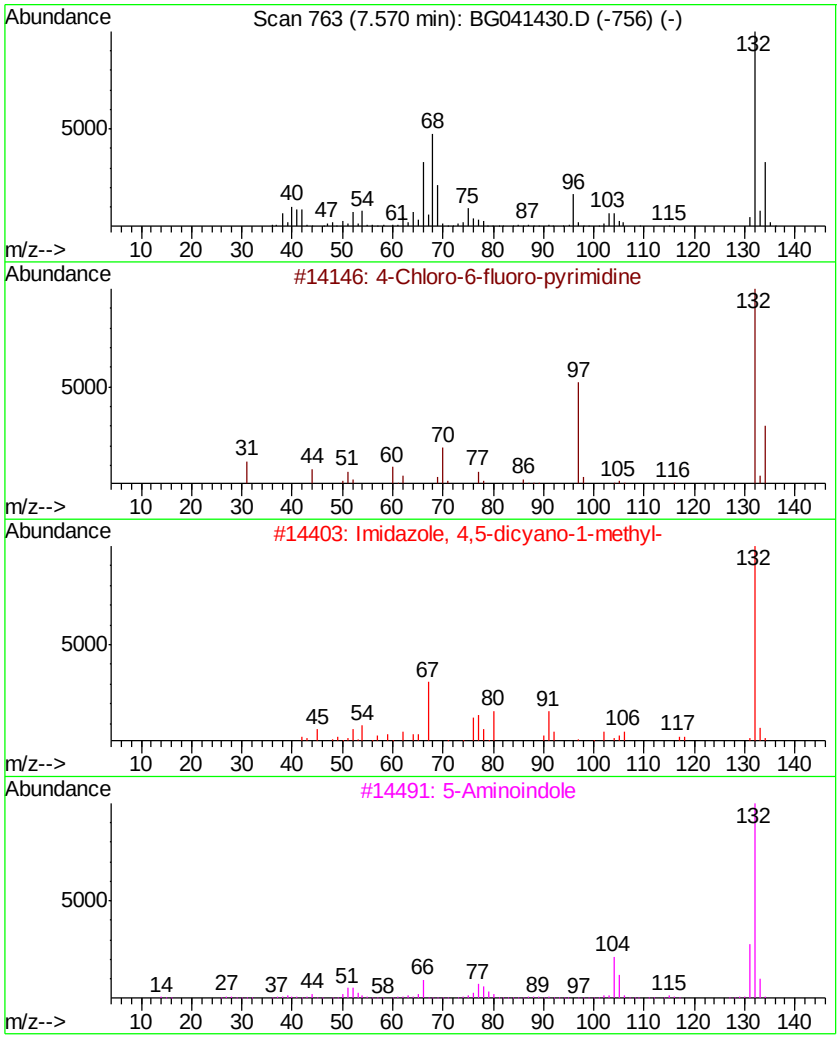
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

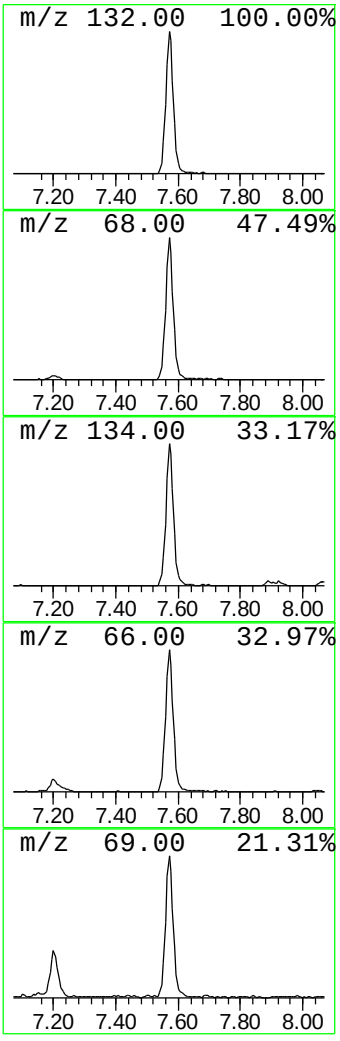
****

Peak Number 7 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	75.45 ng	890394	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

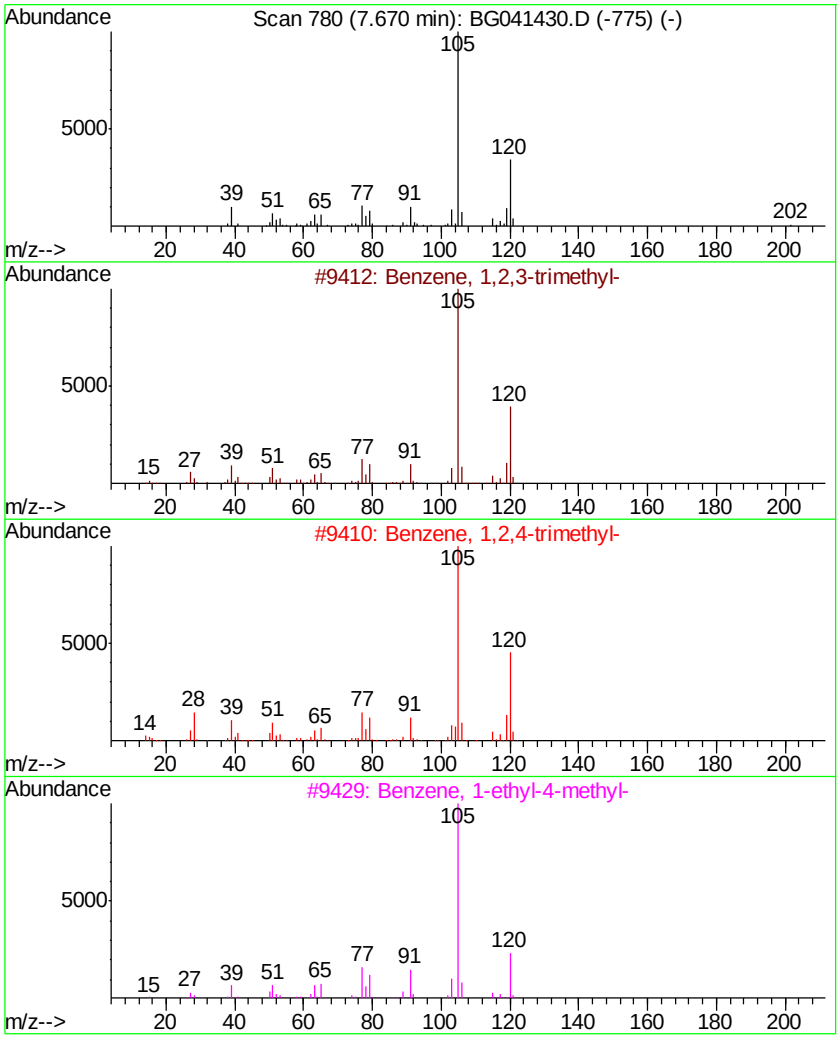
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

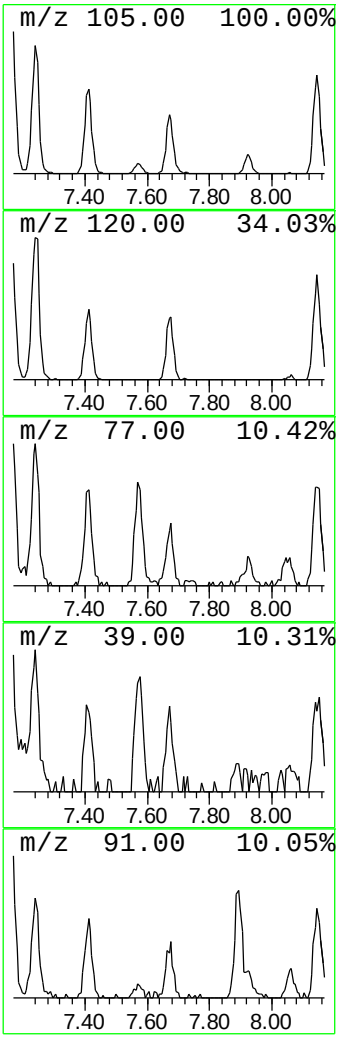
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	7.95 ng	93794	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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

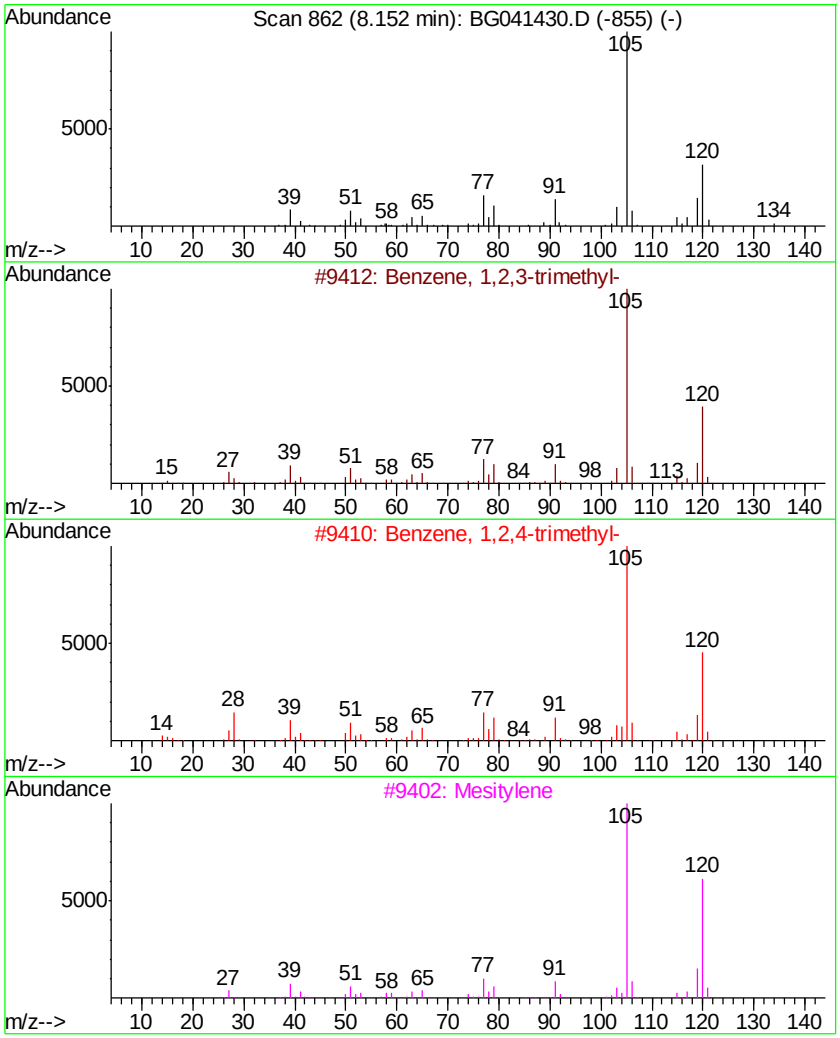
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

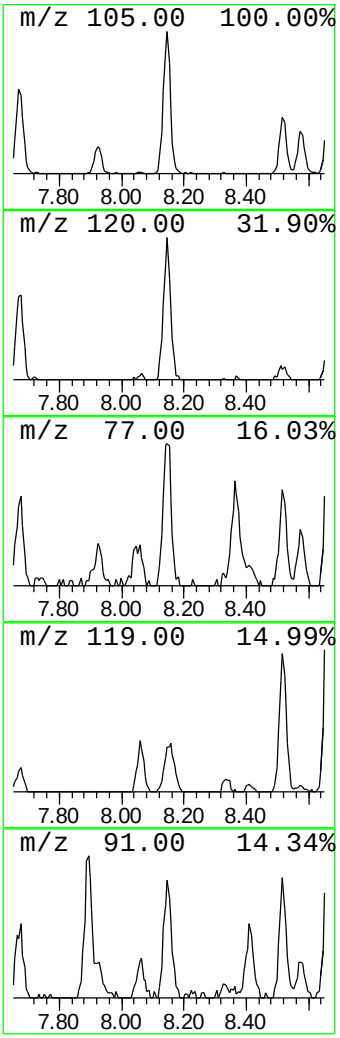
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	13.26 ng	156429	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	2,4-Nonadiyne	120	C9H12	063621-15-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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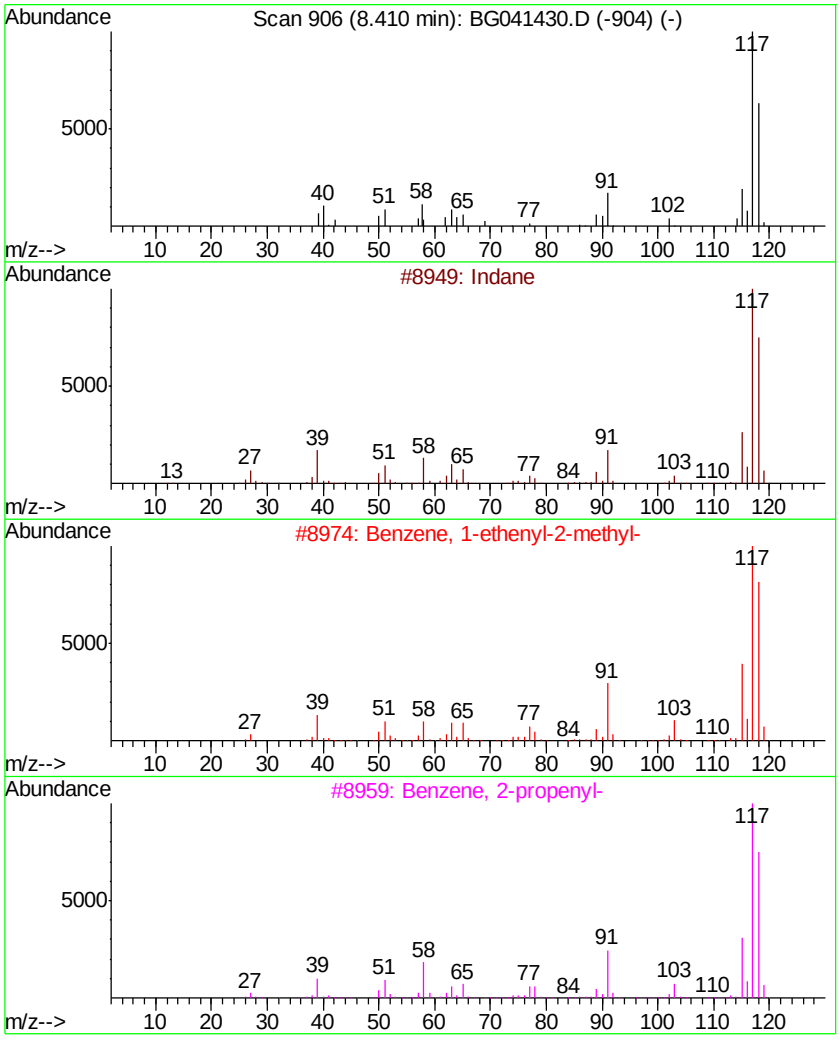
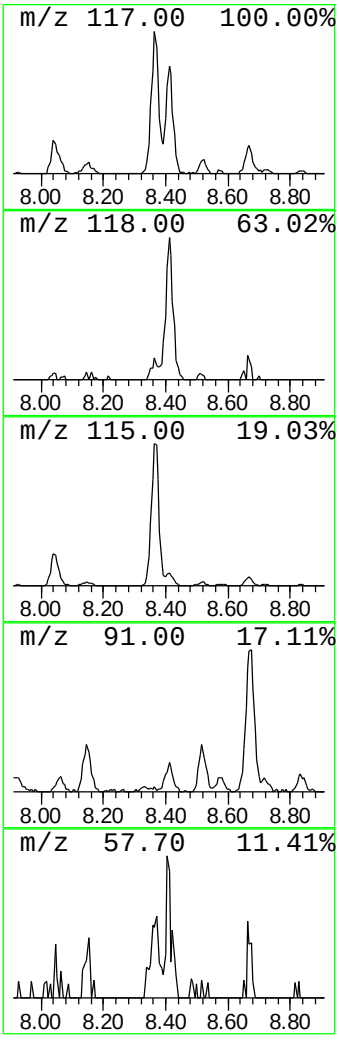
Peak Number 11 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.77 ng	68055	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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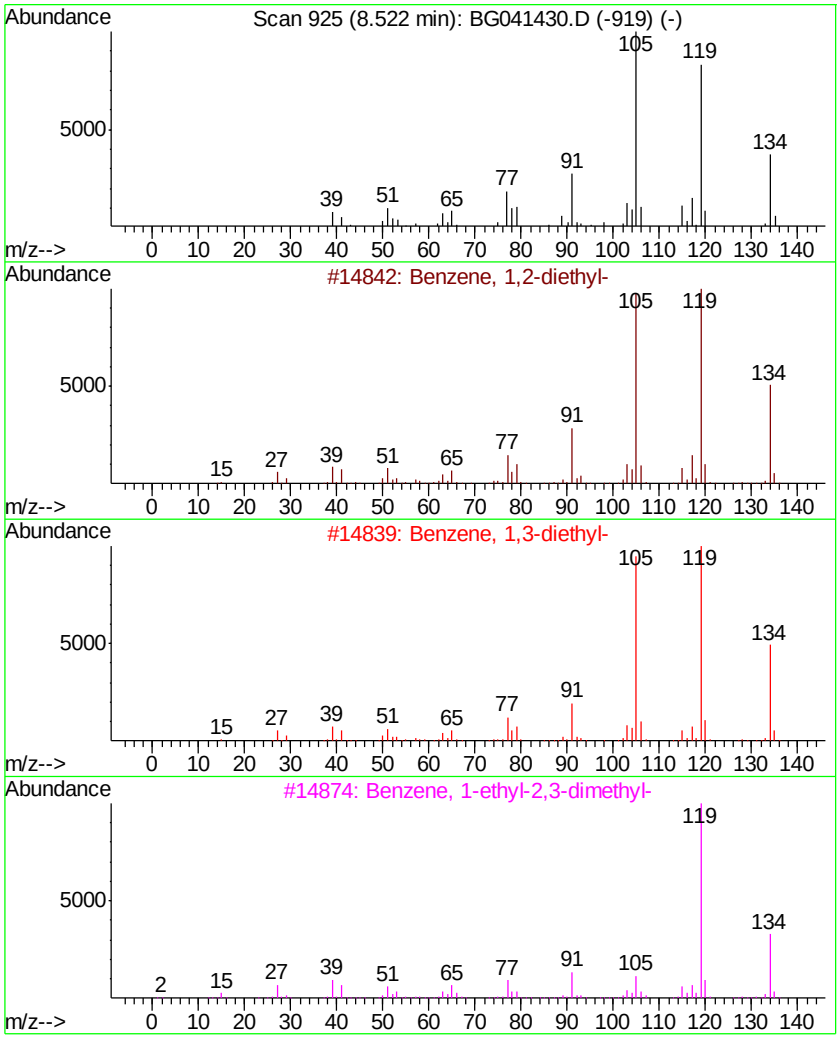
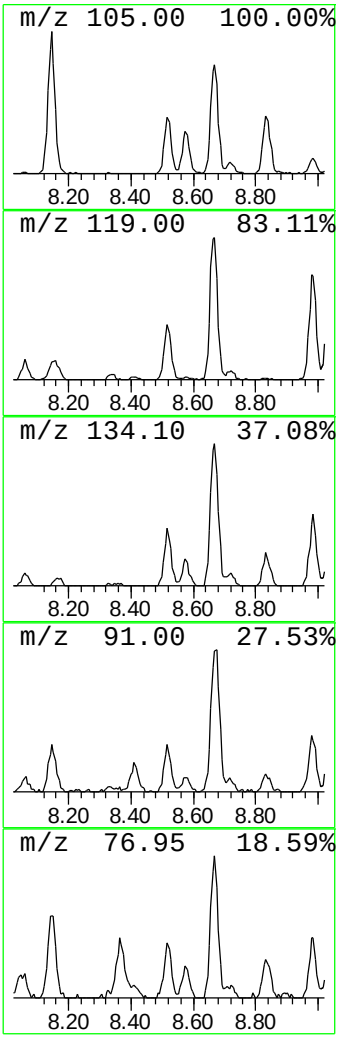
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	8.01 ng	94540	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, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





Library Search Compound Report

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Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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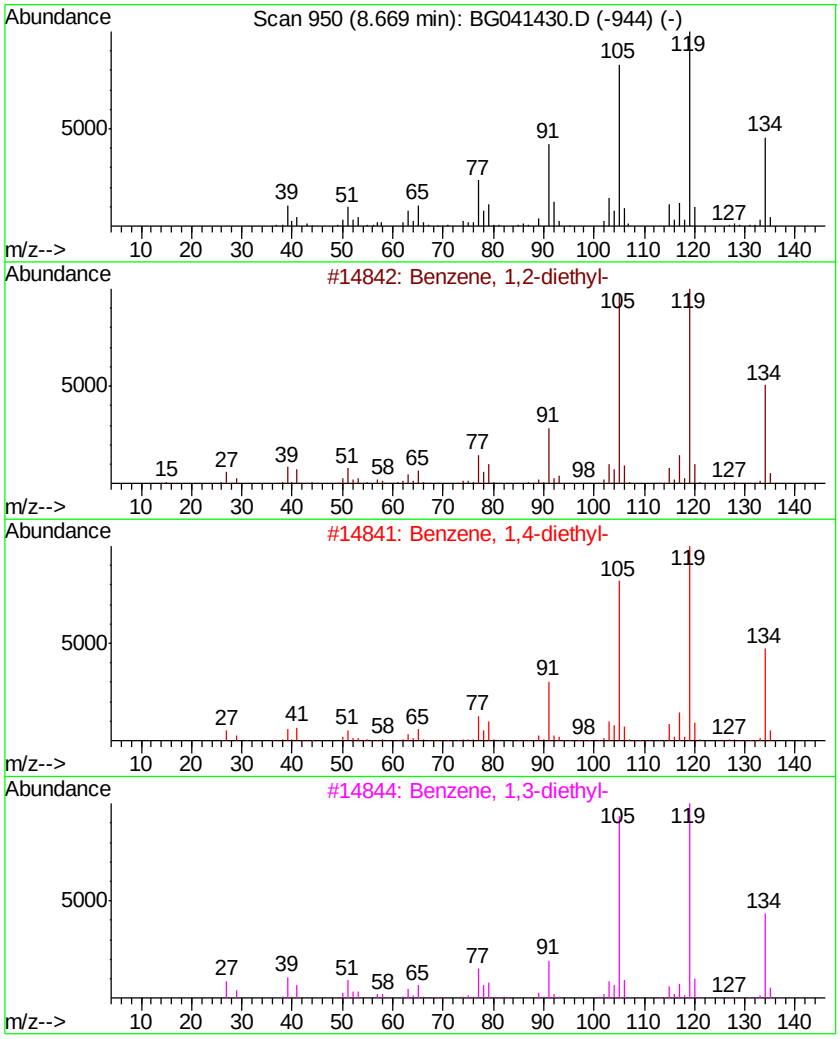
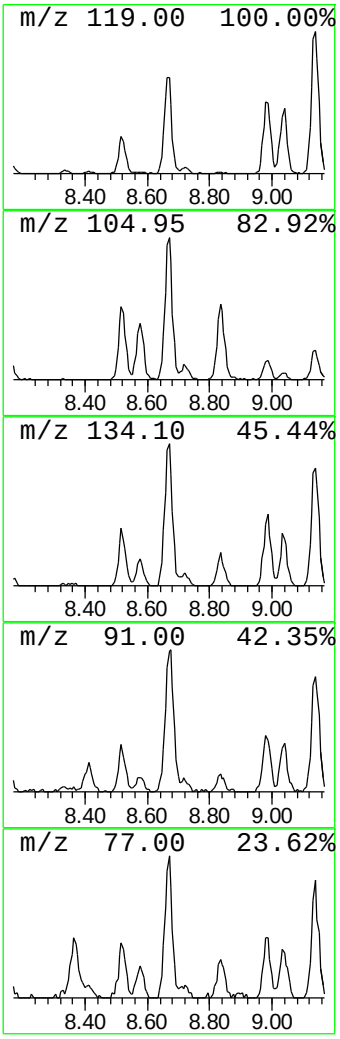
Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	22.60 ng	266671	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	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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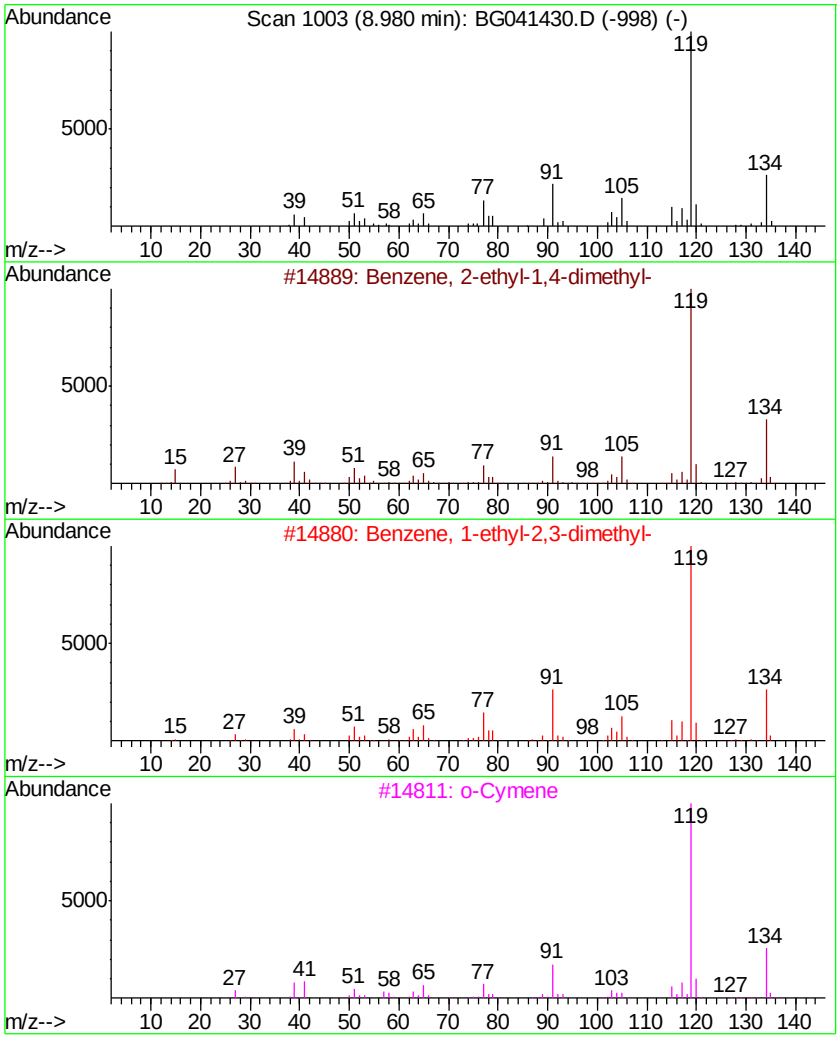
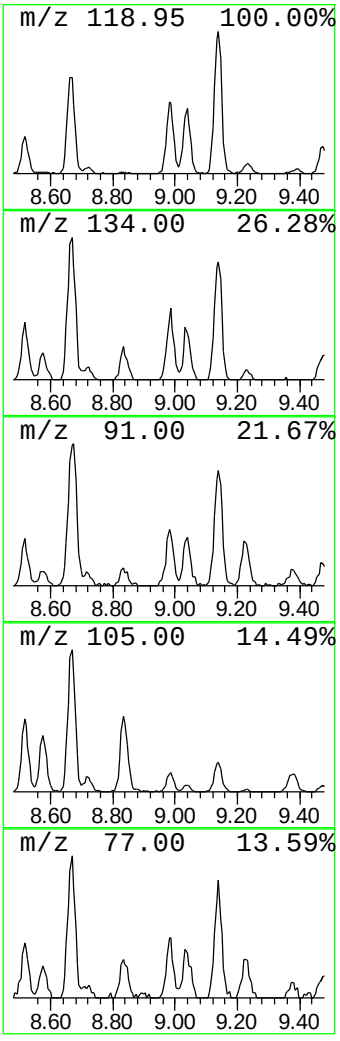
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	9.48 ng	111811	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

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Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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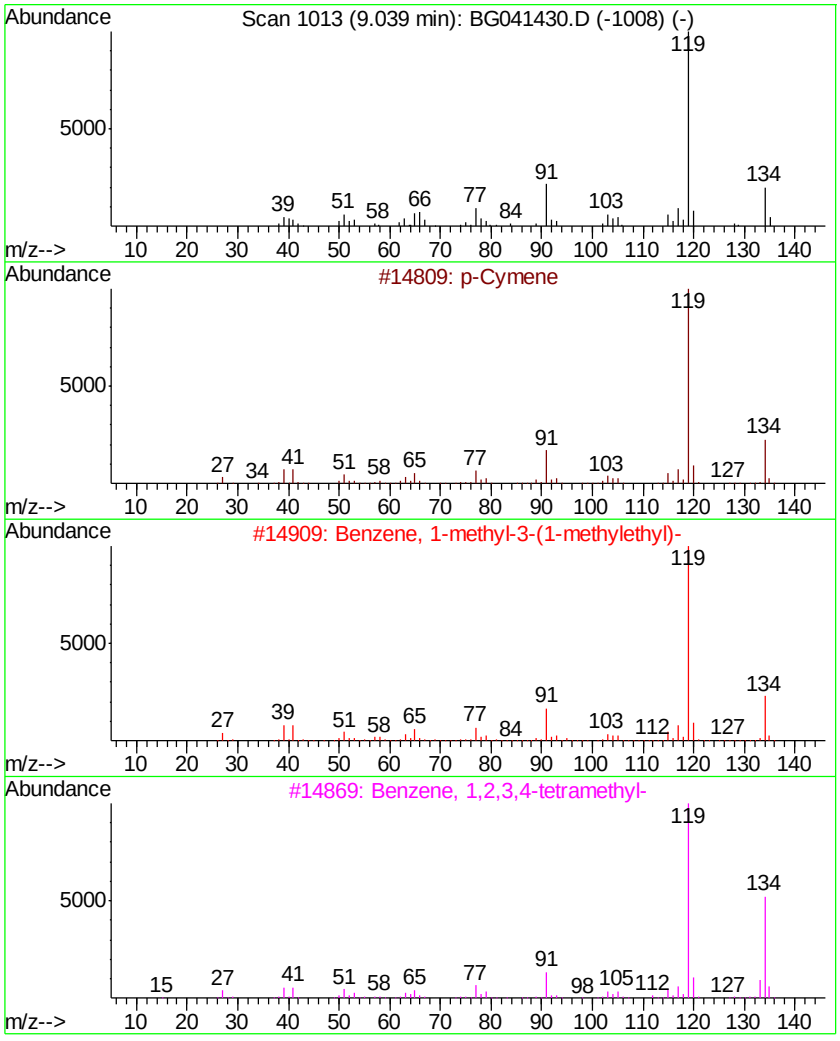
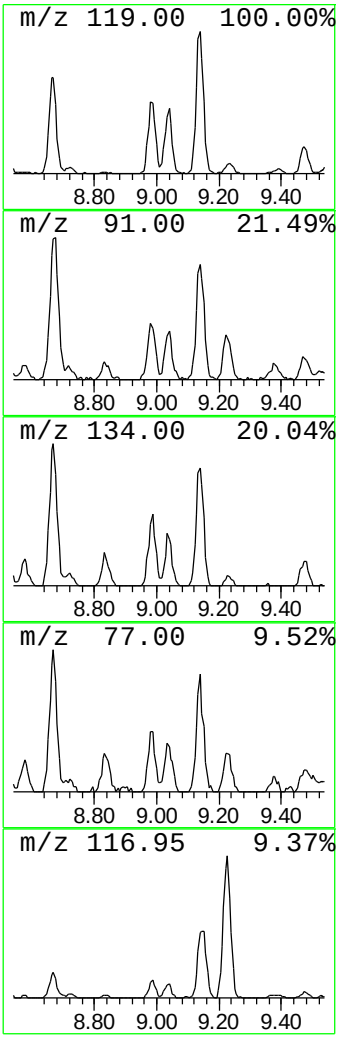
Peak Number 15 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	8.20 ng	96799	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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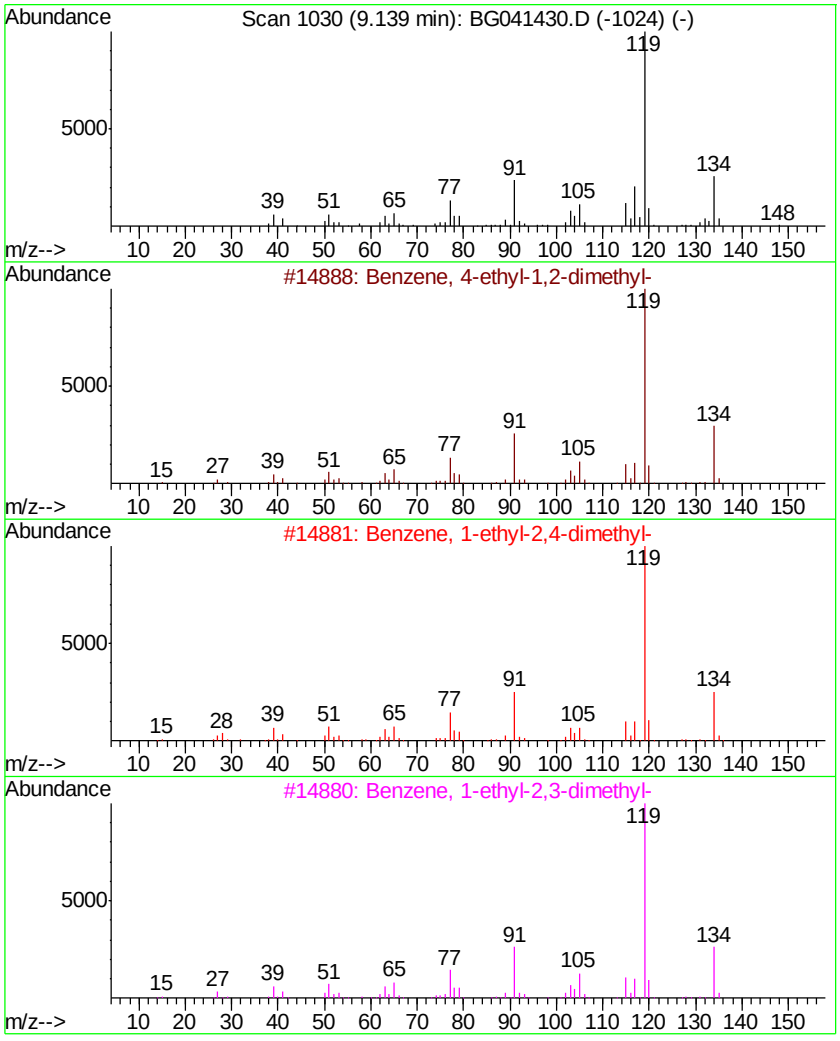
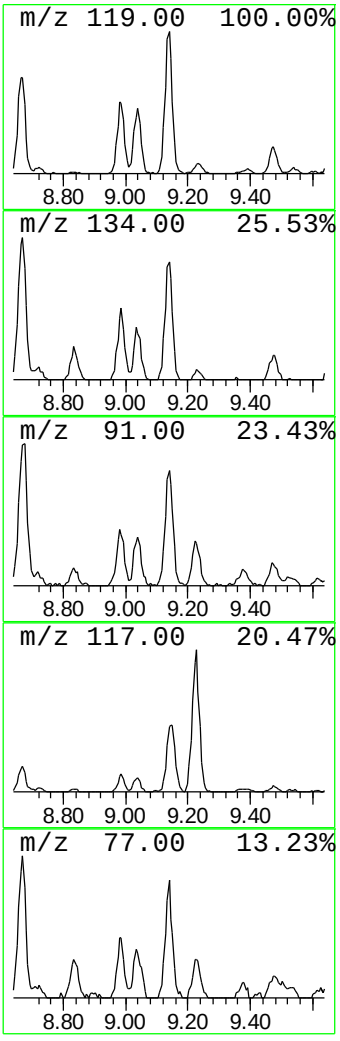
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	21.29 ng	251257	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	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	p-Cymene	134	C10H14	000099-87-6	90





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Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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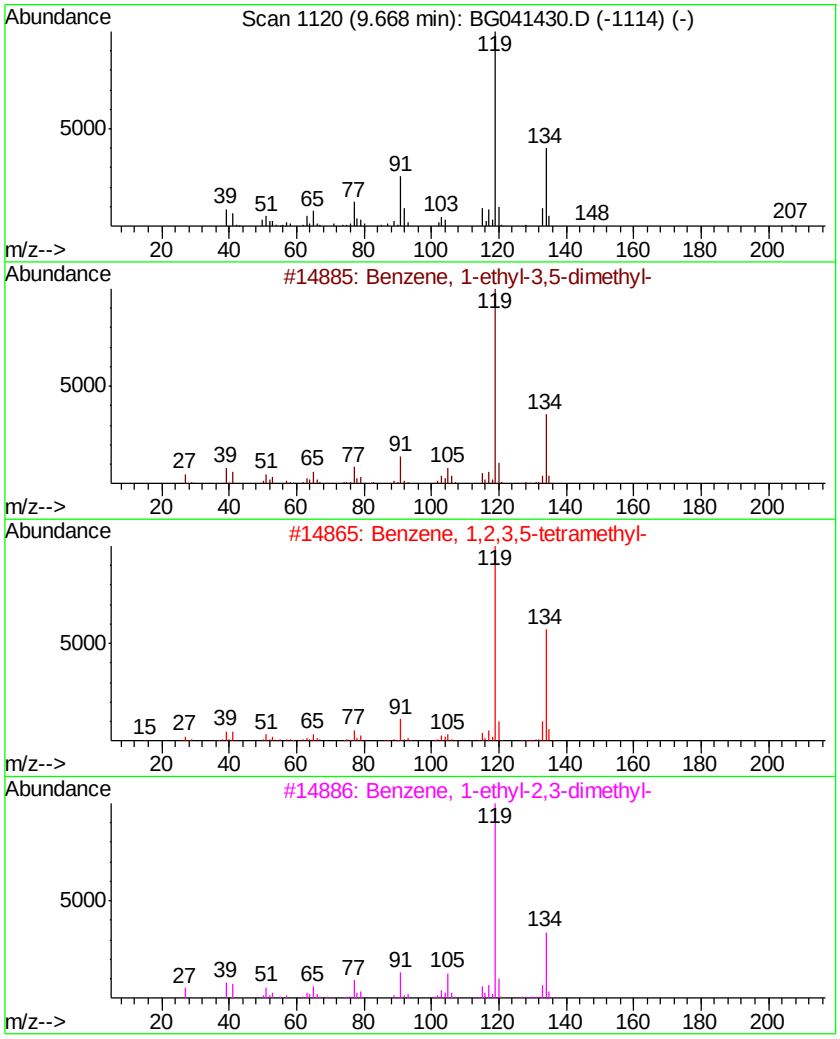
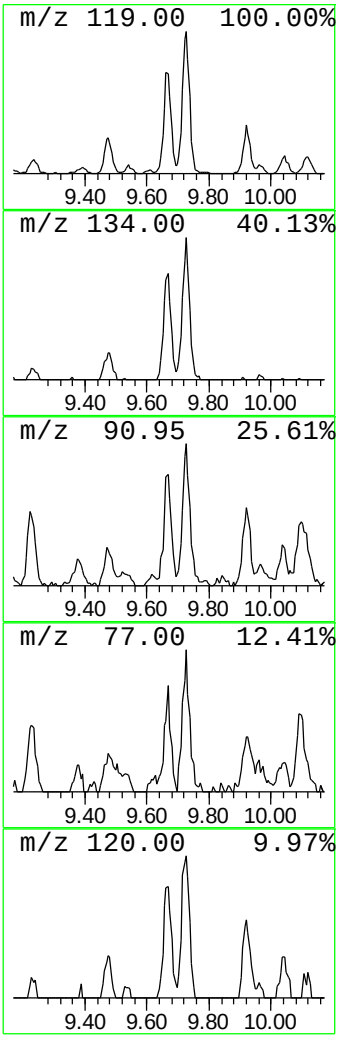
Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	7.35 ng	117807	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

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Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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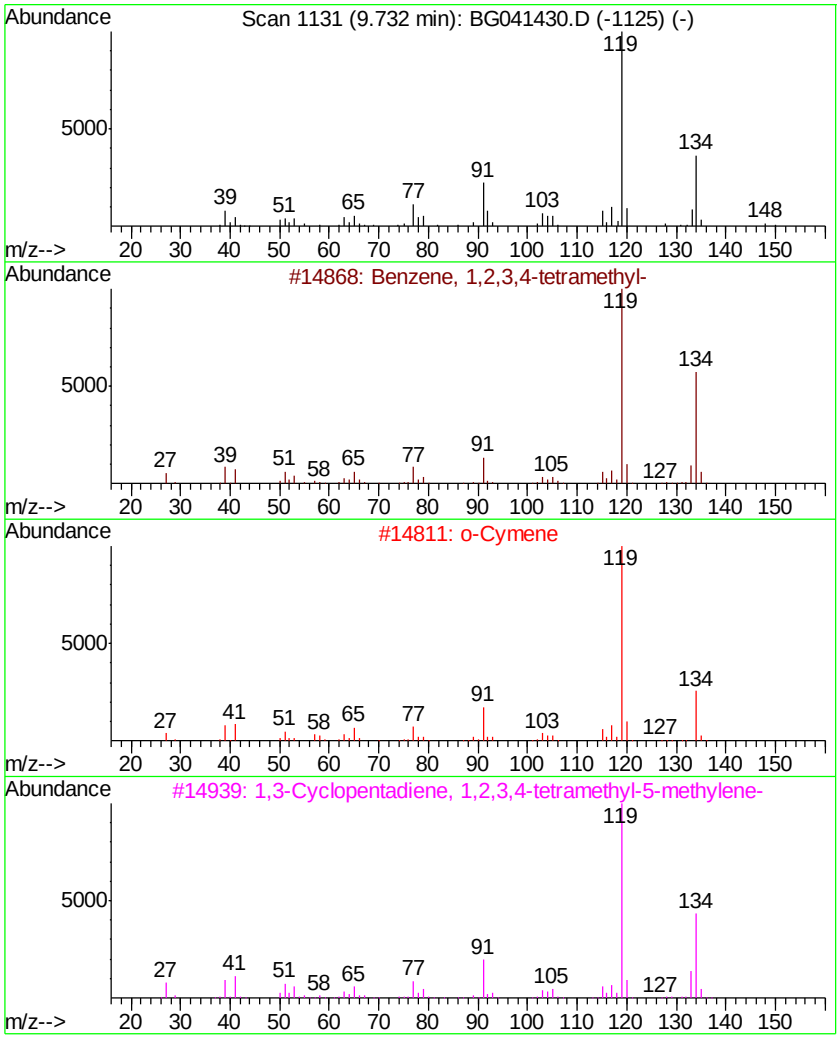
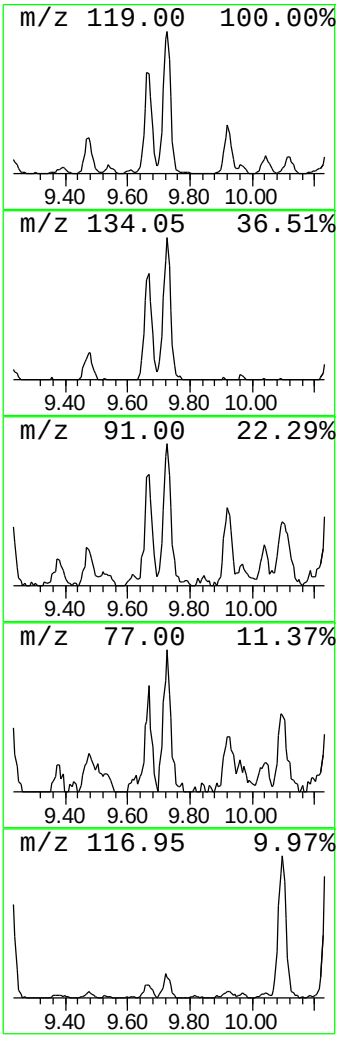
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	10.29 ng	164816	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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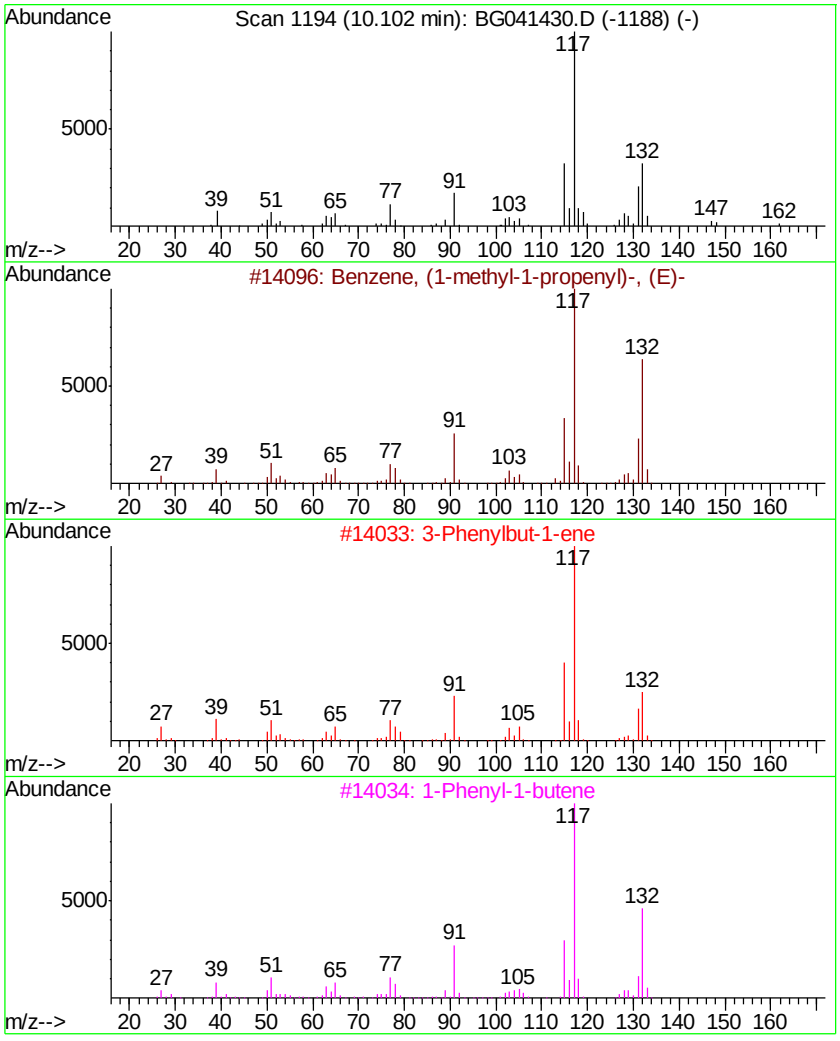
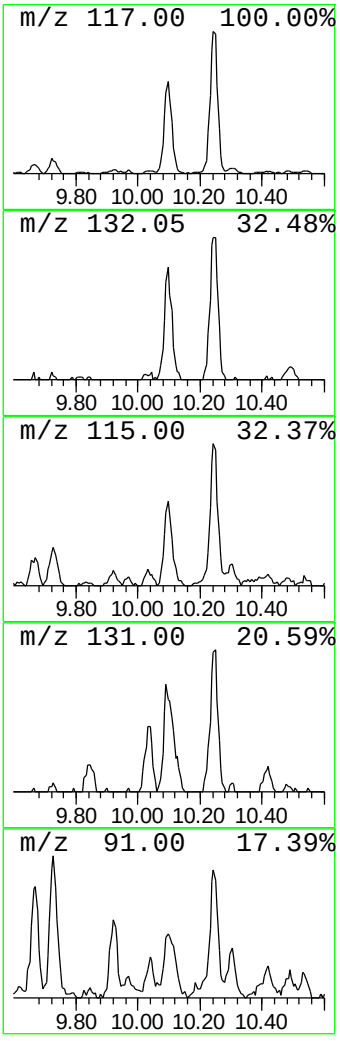
Peak Number 19 Benzene, (1-methyl-1-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	9.43 ng	151079	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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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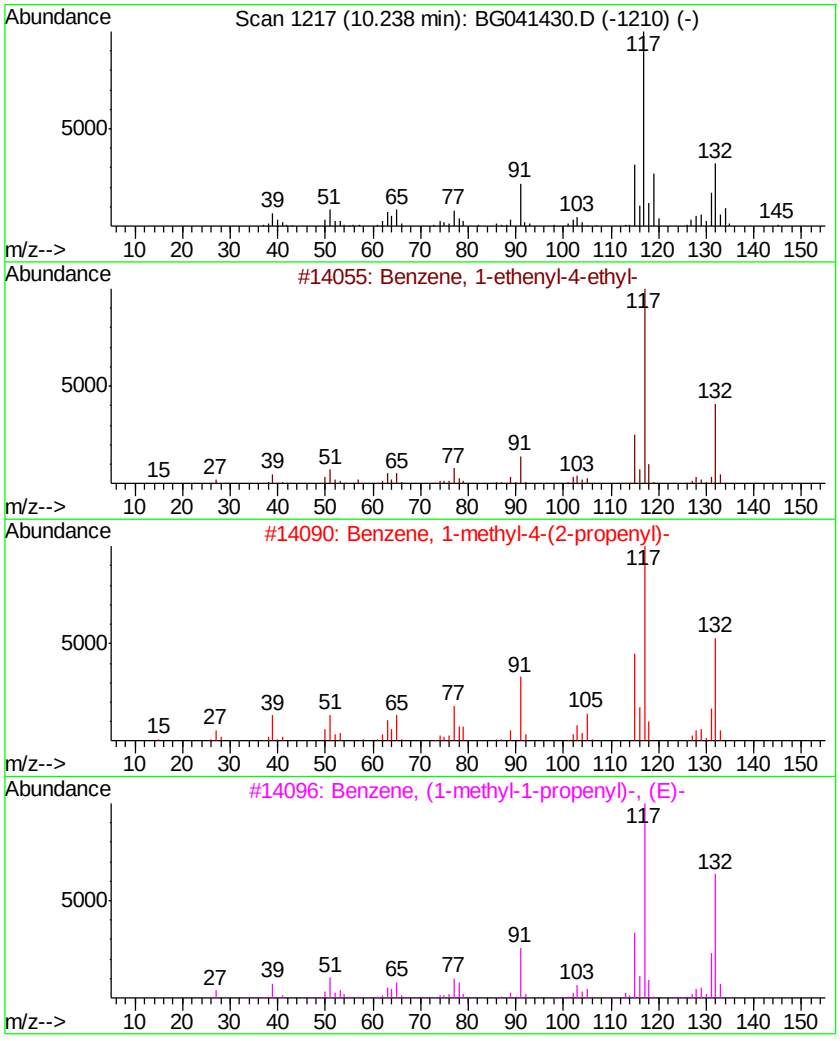
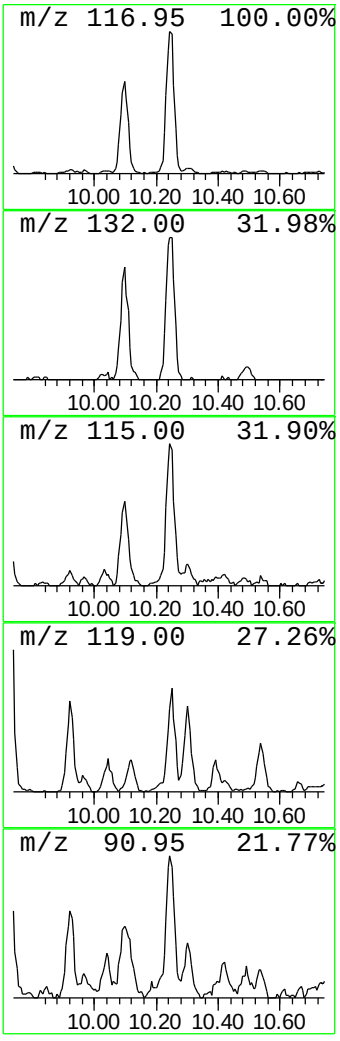
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	14.97 ng	239797	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
Data File : BG041430.D
Acq On : 24 Jun 2019 20:36
Operator : HP/JU
Sample : K3499-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-B-6

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
Cyclotrisiloxane,...	4.57	6.7	ng	79494	1	8.05	236011	20.0
Benzene, propyl-	6.99	16.4	ng	193084	1	8.05	236011	20.0
Benzene, 1-ethyl-...	7.10	13.5	ng	159356	1	8.05	236011	20.0
Benzene, 1-ethyl-...	7.41	10.5	ng	124183	1	8.05	236011	20.0
unknown7.57	7.57	75.5	ng	890394	1	8.05	236011	20.0
Benzene, 1,2,3-tr...	7.67	8.0	ng	93794	1	8.05	236011	20.0
Benzene, 1,2,4-tr...	8.15	13.3	ng	156429	1	8.05	236011	20.0
Indane	8.41	5.8	ng	68055	1	8.05	236011	20.0
Benzene, 1,2-diet...	8.52	8.0	ng	94540	1	8.05	236011	20.0
Benzene, 1,4-diet...	8.67	22.6	ng	266671	1	8.05	236011	20.0
Benzene, 2-ethyl-...	8.98	9.5	ng	111811	1	8.05	236011	20.0
p-Cymene	9.04	8.2	ng	96799	1	8.05	236011	20.0
Benzene, 4-ethyl-...	9.14	21.3	ng	251257	1	8.05	236011	20.0
Benzene, 1-ethyl-...	9.67	7.3	ng	117807	2	10.87	320449	20.0
Benzene, 1,2,3,4-...	9.73	10.3	ng	164816	2	10.87	320449	20.0
Benzene, (1-methy...	10.10	9.4	ng	151079	2	10.87	320449	20.0
Benzene, 1-etheny...	10.24	15.0	ng	239797	2	10.87	320449	20.0