LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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_M\METHODS\8270-BM031119.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	5.263	363	370	381	rBV	2107968	3210003	14.34%	2.455%
2	6.151	512	521	534	rBV	2724562	3901399	17.43%	2.984%
3	6.640	597	604	611	rBV	991986	1525387	6.81%	1.167%
4	6.840	632	638	652	rVB	1370612	2218392	9.91%	1.697%
5	7.198	691	699	706	rBV	4394765	6832815	30.52%	5.225%
6	7.551	755	759	766	rVB	249643	383088	1.71%	0.293%
7	7.663	771	778	786	rVV	925131	1484056	6.63%	1.135%
8	7.763	789	795	804	rVB	773360	1195794	5.34%	0.914%
9	7.981	823	832	836	rBV	3660482	6055891	27.05%	4.631%
10	8.022	836	839	848	rVV	1810700	2752868	12.30%	2.105%
11	8.134	852	858	866	rBV	407763	632160	2.82%	0.483%
12	8.292	878	885	888	rBV	254859	409132	1.83%	0.313%
13	8.334	888	892	902	rVB	179553	302584	1.35%	0.231%
14	8.751	956	963	969	rVB2	966651	1571684	7.02%	1.202%
15	8.834	969	977	987	rBV2	4242495	6869394	30.68%	5.253%
16	8.987	997	1003	1011	rVB4	106673	241809	1.08%	0.185%
17	9.087	1011	1020	1025	rBV3	170644	318652	1.42%	0.244%
18	9.269	1046	1051	1058	rVB	553651	847563	3.79%	0.648%
19	9.634	1104	1113	1118	rBV3	190935	364379	1.63%	0.279%
20	9.692	1118	1123	1132	rVB	537747	956981	4.27%	0.732%
21	9.839	1136	1148	1157	rBV2	2437967	4237407	18.93%	3.241%
22	10.075	1182	1188	1193	rVB	186939	311876	1.39%	0.239%
23	10.451	1238	1252	1256	rBV2	1174935	2619445	11.70%	2.003%
24	10.551	1264	1269	1277	rVB	314173	552848	2.47%	0.423%
25	10.804	1306	1312	1316	rBV	142255	231712	1.03%	0.177%
26	10.904	1324	1329	1336	rVB	267671	448154	2.00%	0.343%
27	11.016	1341	1348	1352	rBV	194464	360094	1.61%	0.275%
28	11.345	1397	1404	1411	rVB3	202386	390487	1.74%	0.299%
29	11.545	1433	1438	1443	rVV	197323	297073	1.33%	0.227%
30	11.633	1447	1453	1461	rVB	531942	882516	3.94%	0.675%
31	11.998	1507	1515	1522	rVB	519670	861505	3.85%	0.659%
32	12.116	1530	1535	1543	rVB	834746	1337690	5.97%	1.023%
33	12.339	1566	1573	1581	rBV	2313452	3751104	16.75%	2.869%
34	12.716	1634	1637	1644	rVB2	172747	264330	1.18%	0.202%

LSC Area Percent Report

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Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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_M\METHODS\8270-BM031119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.927	1666	1673	1680	rBV	9101993	13422192	59.95%	10.265%
36	13.039	1688	1692	1699	rVB	236979	346814	1.55%	0.265%
37	13.469	1760	1765	1766	rBV	317068	408143	1.82%	0.312%
38	13.627	1785	1792	1796	rBV	653911	1136504	5.08%	0.869%
39	13.680	1796	1801	1805	rVB3	299192	530463	2.37%	0.406%
40	13.869	1828	1833	1836	rBV	258137	380938	1.70%	0.291%
41	14.033	1852	1861	1866	rBV2	154008	352318	1.57%	0.269%
42	14.316	1897	1909	1916	rBV2	2122687	3516937	15.71%	2.690%
43	14.516	1933	1943	1947	rBV2	605114	1380558	6.17%	1.056%
44	14.557	1947	1950	1954	rVB2	158938	232257	1.04%	0.178%
45	14.716	1973	1977	1984	rVB2	167117	290218	1.30%	0.222%
46	14.945	2006	2016	2021	rBV3	149978	400317	1.79%	0.306%
47	15.233	2061	2065	2078	rVB	514350	863536	3.86%	0.660%
48	15.816	2157	2164	2170	rBV	8143649	11497231	51.35%	8.792%
49	16.063	2201	2206	2216	rBV	282696	460673	2.06%	0.352%
50	17.068	2371	2377	2384	rBV2	2706048	3947735	17.63%	3.019%
51	17.957	2523	2528	2539	rBV	471695	739991	3.31%	0.566%
52	19.245	2743	2747	2756	rBV2	140602	236823	1.06%	0.181%
53	19.709	2820	2826	2842	rBV	18058438	22389113	100.00%	17.122%
54	20.968	3036	3040	3047	rBV2	181598	252126	1.13%	0.193%
55	21.268	3086	3091	3102	rBV	3383488	4312231	19.26%	3.298%
56	22.292	3262	3265	3273	rVB	212313	274443	1.23%	0.210%
57	22.421	3283	3287	3292	rVB	496782	616744	2.75%	0.472%
58	22.797	3347	3351	3356	rVB	218514	285891	1.28%	0.219%
59	23.356	3443	3446	3453	rVB	194572	307930	1.38%	0.235%
60	23.503	3465	3471	3484	rVB2	1817604	3559615	15.90%	2.722%

Sum of corrected areas: 130762013

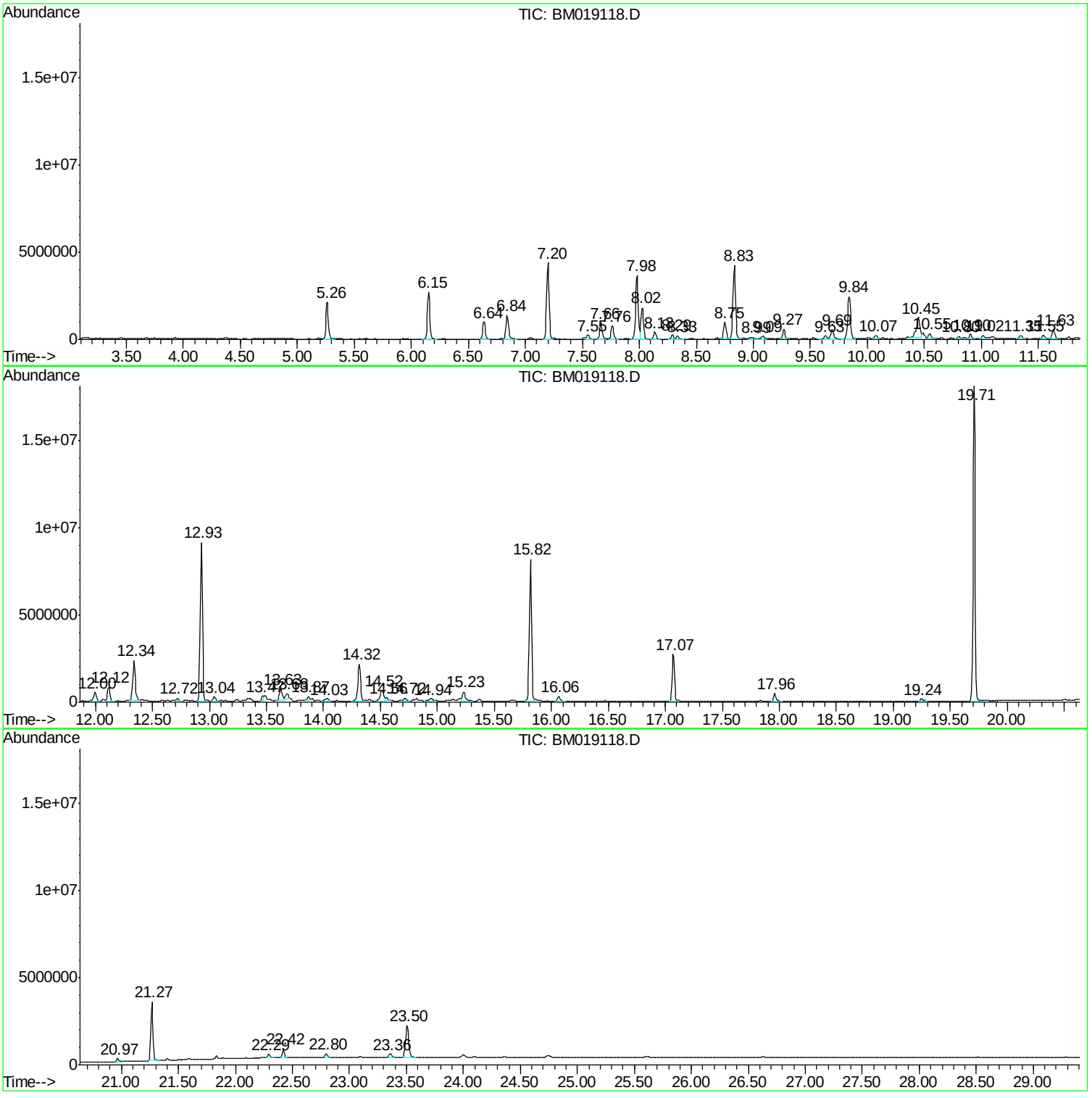
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

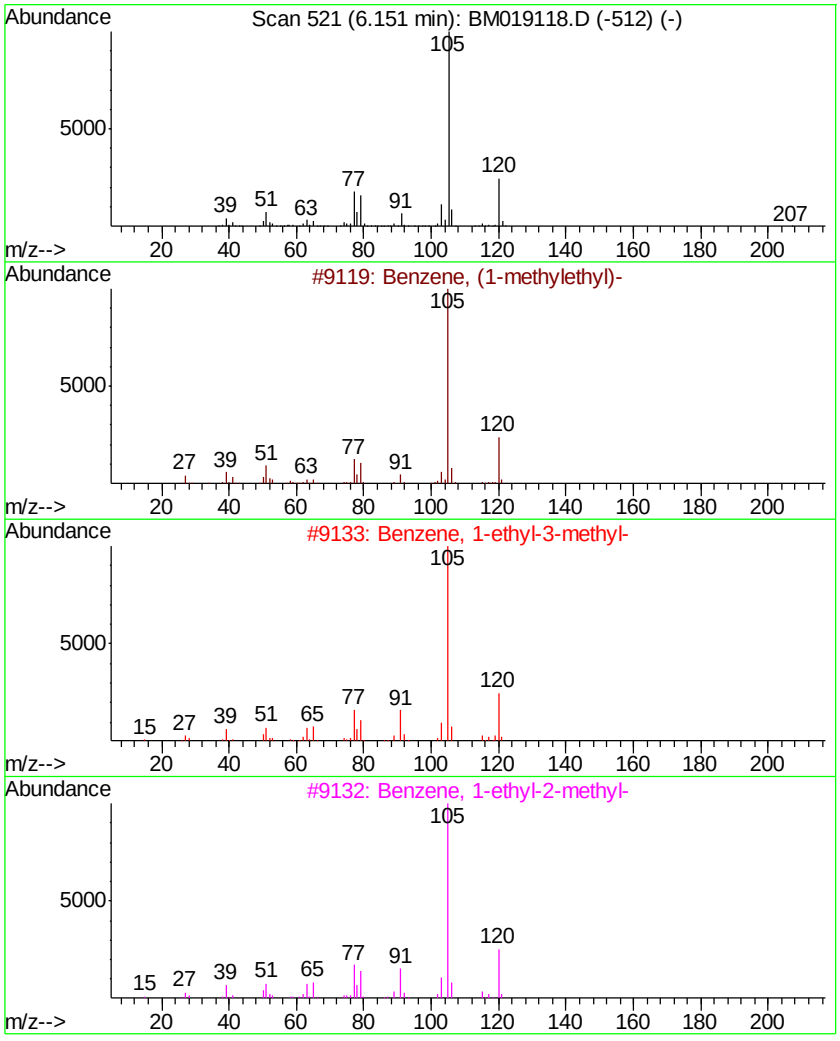
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

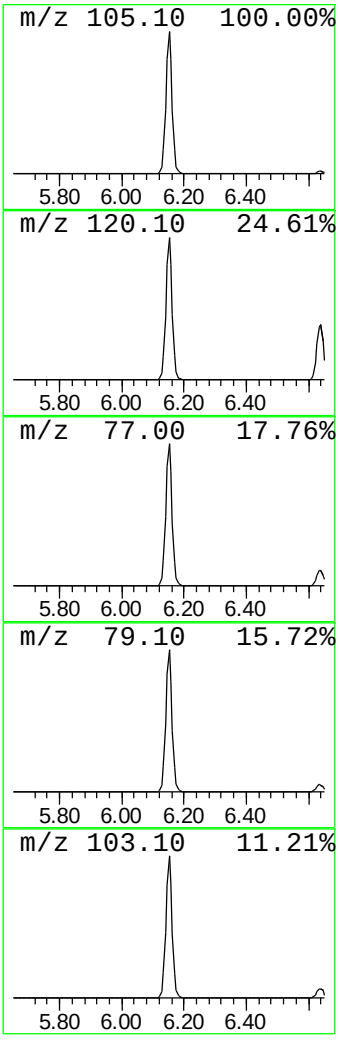
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	52.58 ng	3901400	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

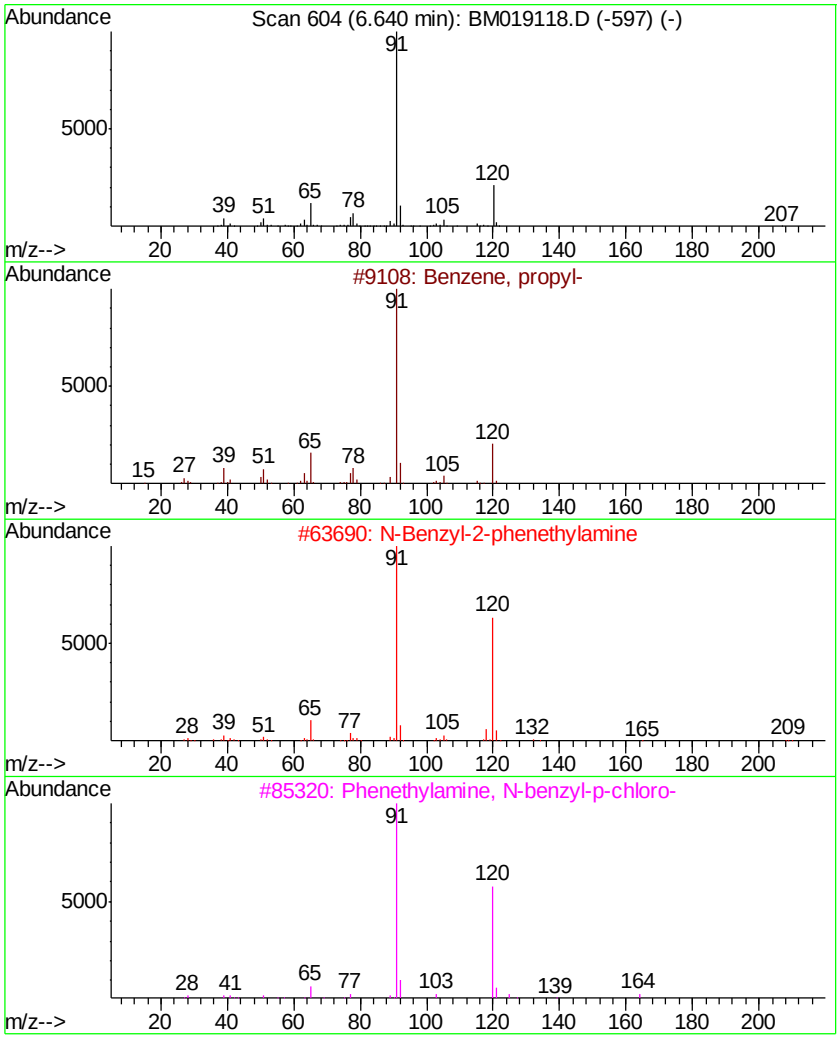
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

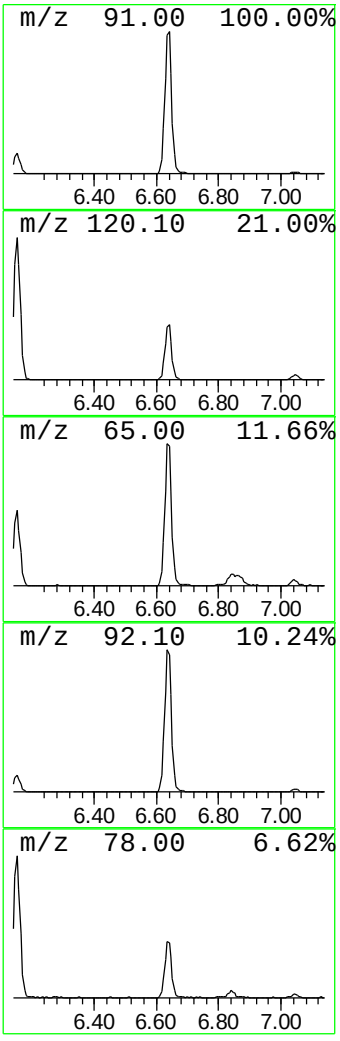
****

Peak Number 2 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	20.56 ng	1525390	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

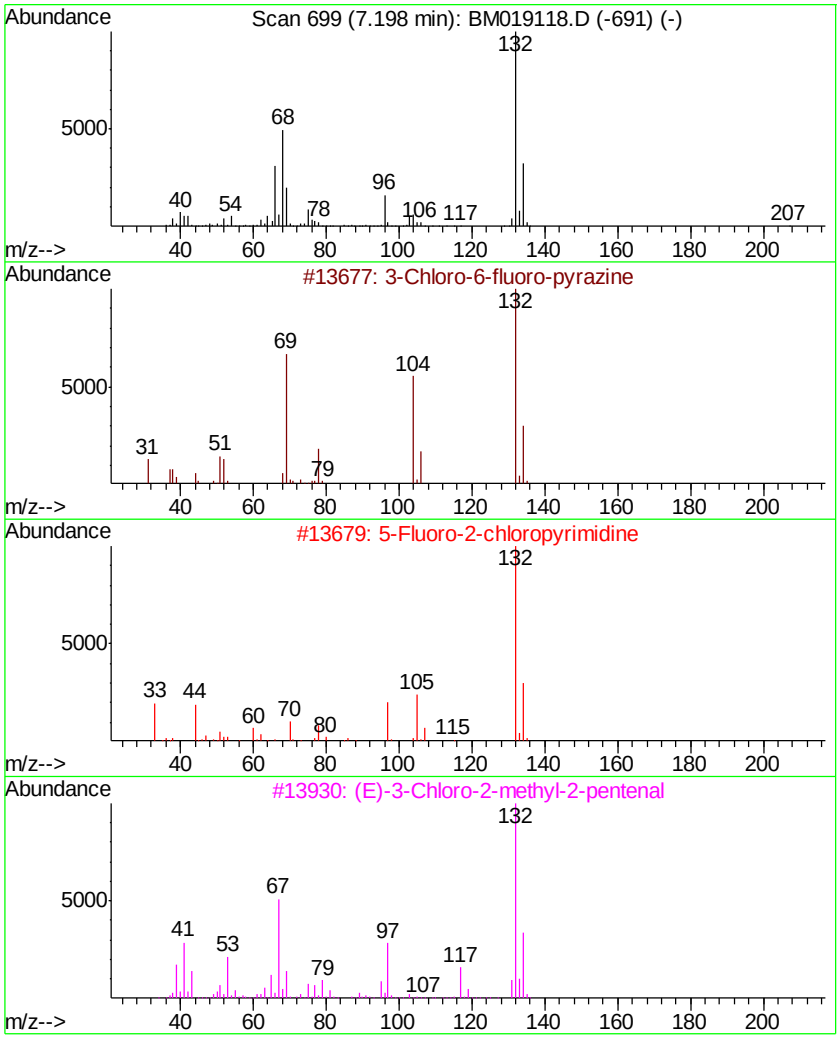
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

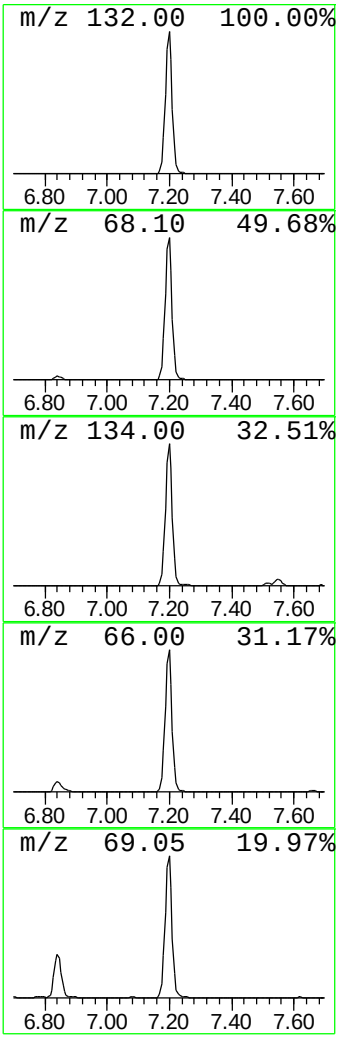
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	92.08 ng	6832820	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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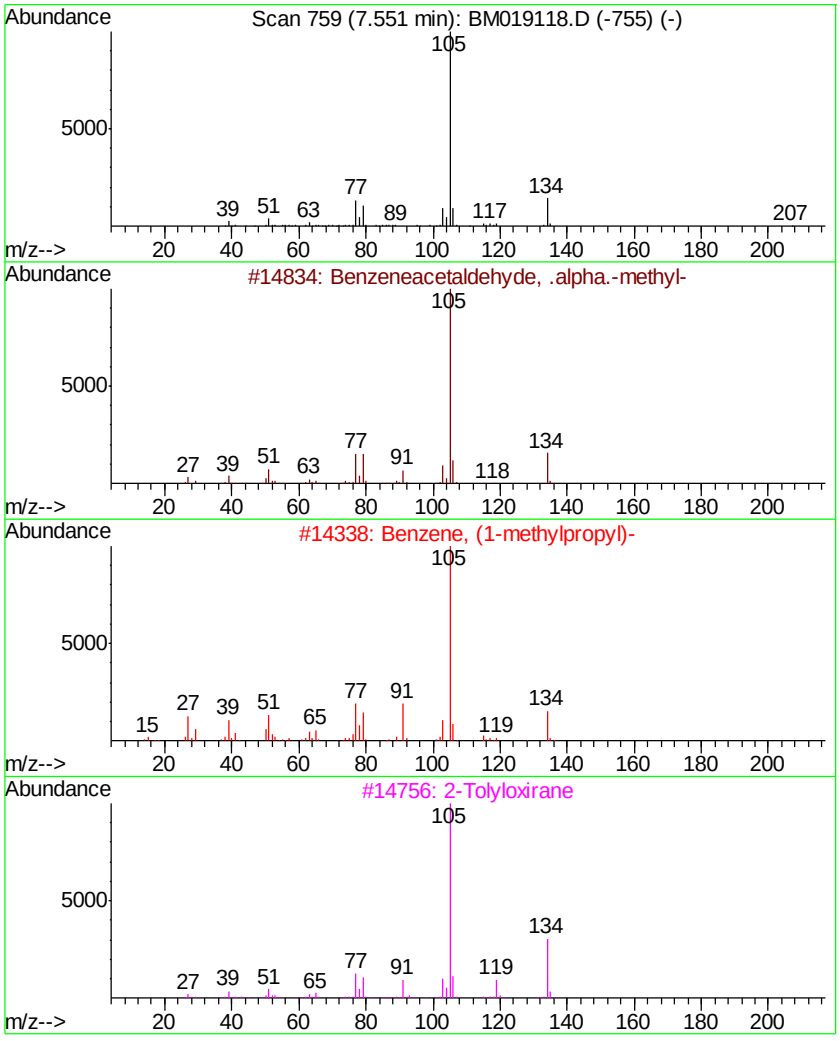
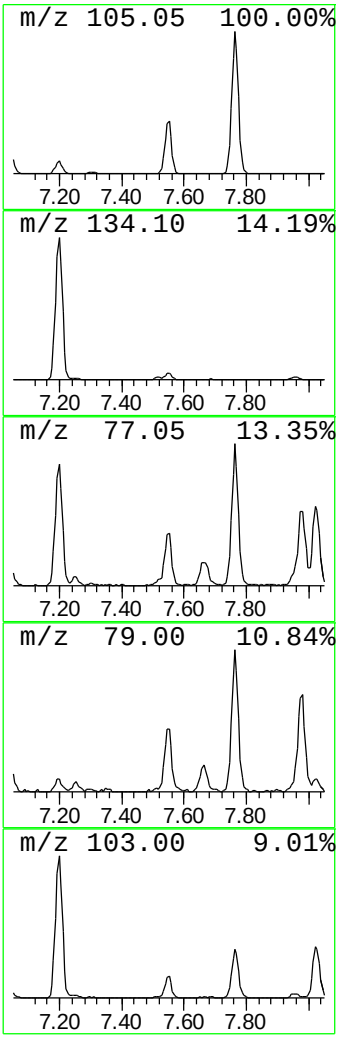
****

Peak Number 4 Benzeneacetaldehyde, .alpha... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	5.16 ng	383088	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	2-Tolyloxirane	134	C9H10O	002783-26-8	78
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	72
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

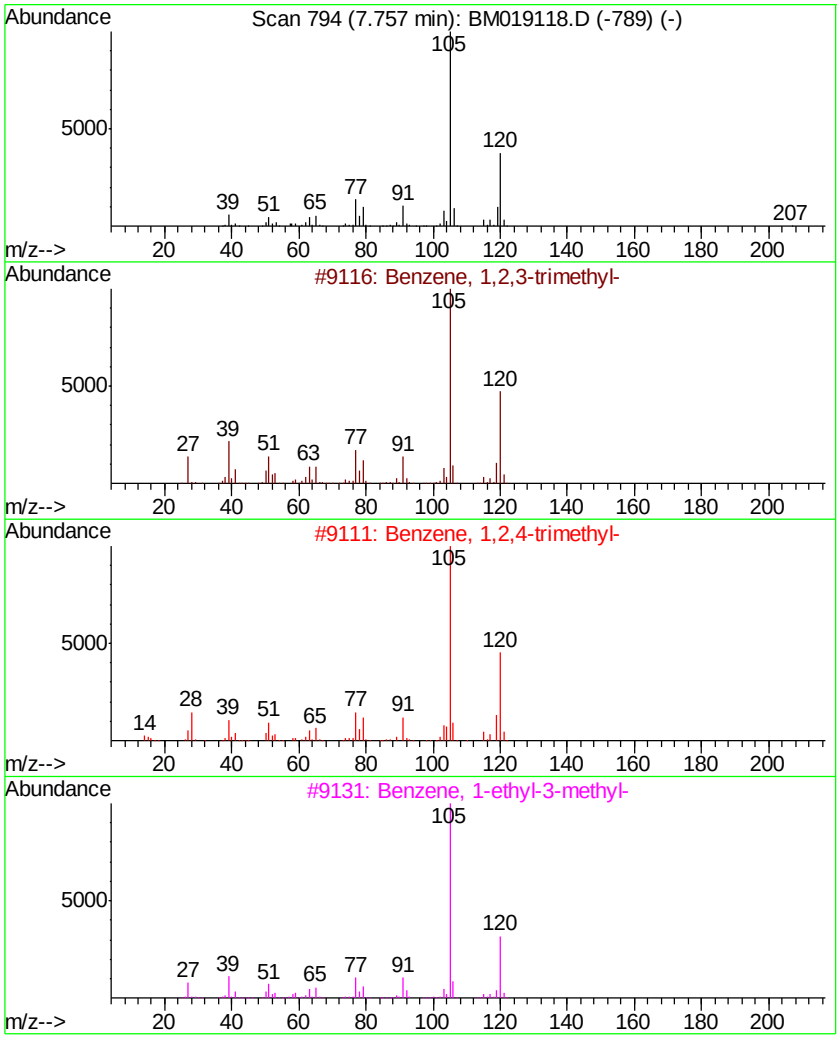
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

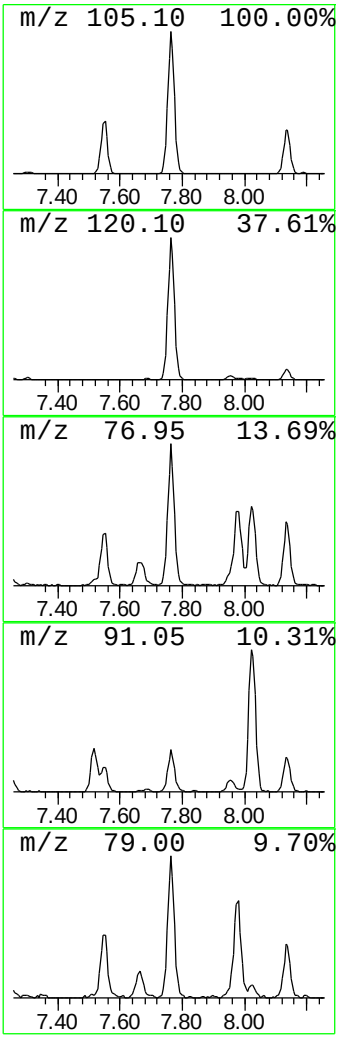
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	16.12 ng	1195790	1,4-Dichlorobenzene-d4	7.66

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-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

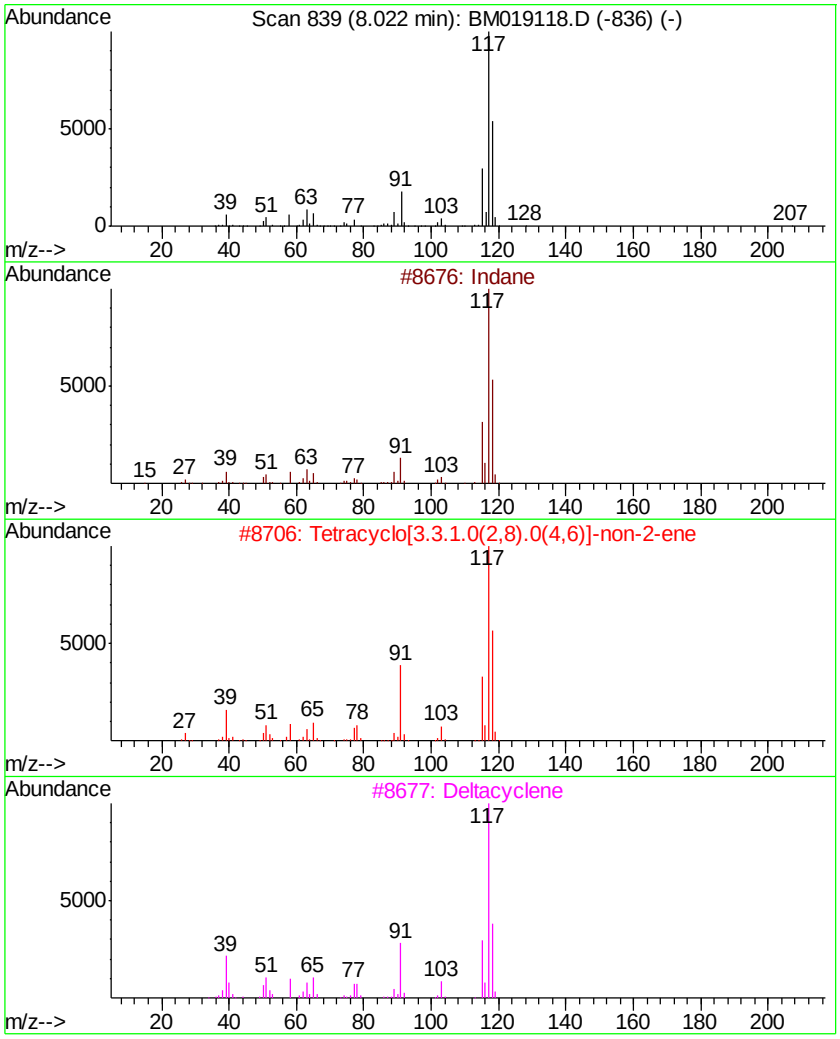
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

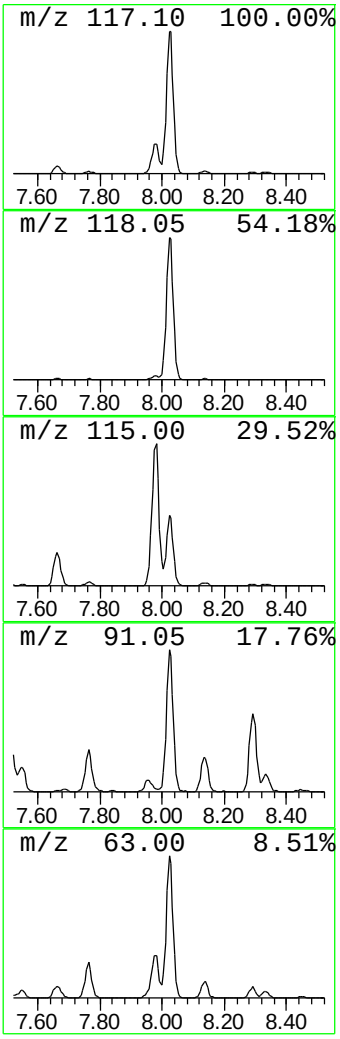
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	37.10 ng	2752870	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

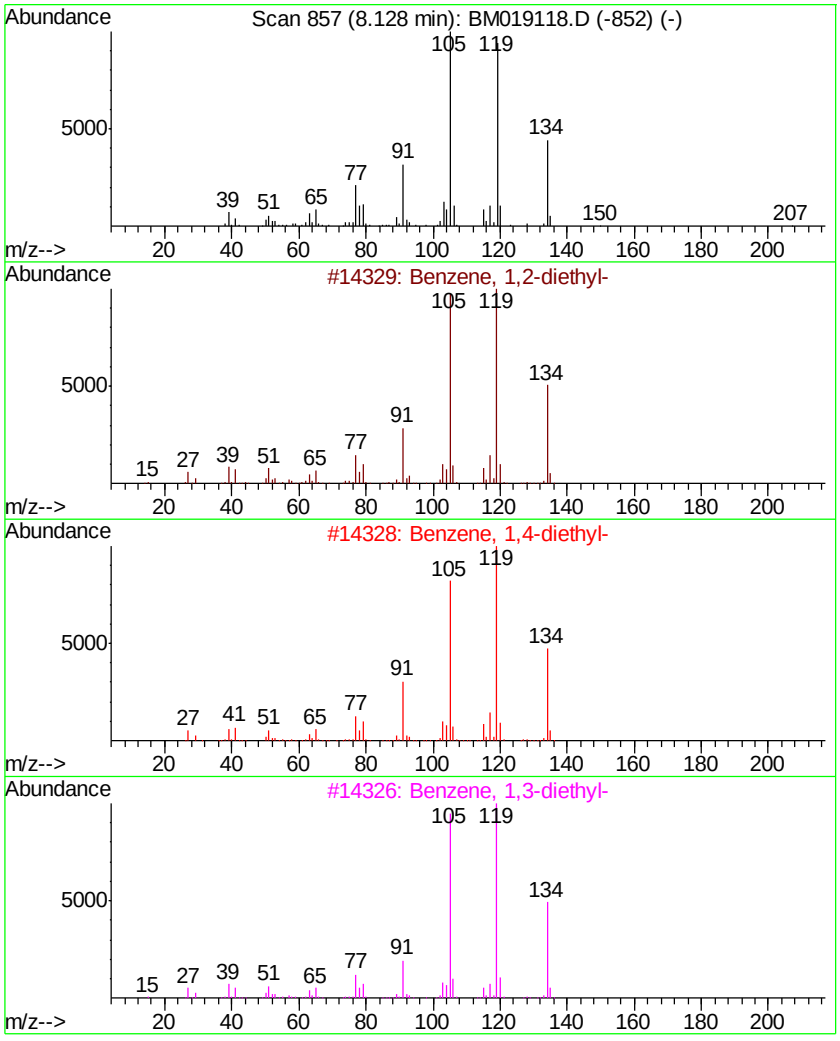
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

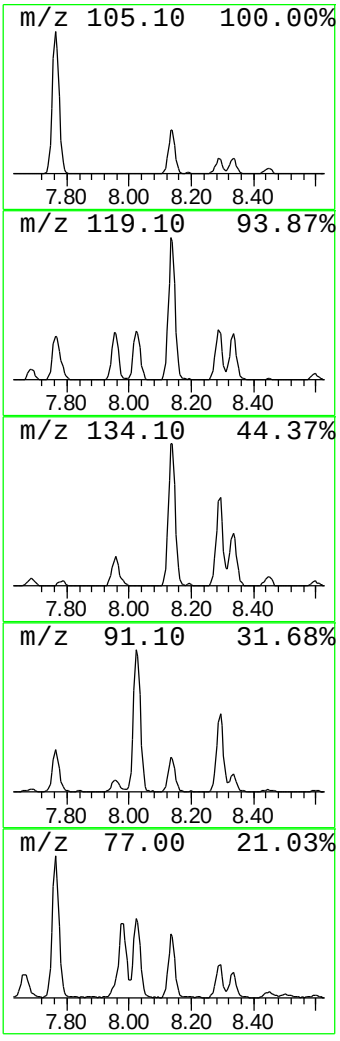
****

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	8.52 ng	632160	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
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-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81





Library Search Compound Report

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Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

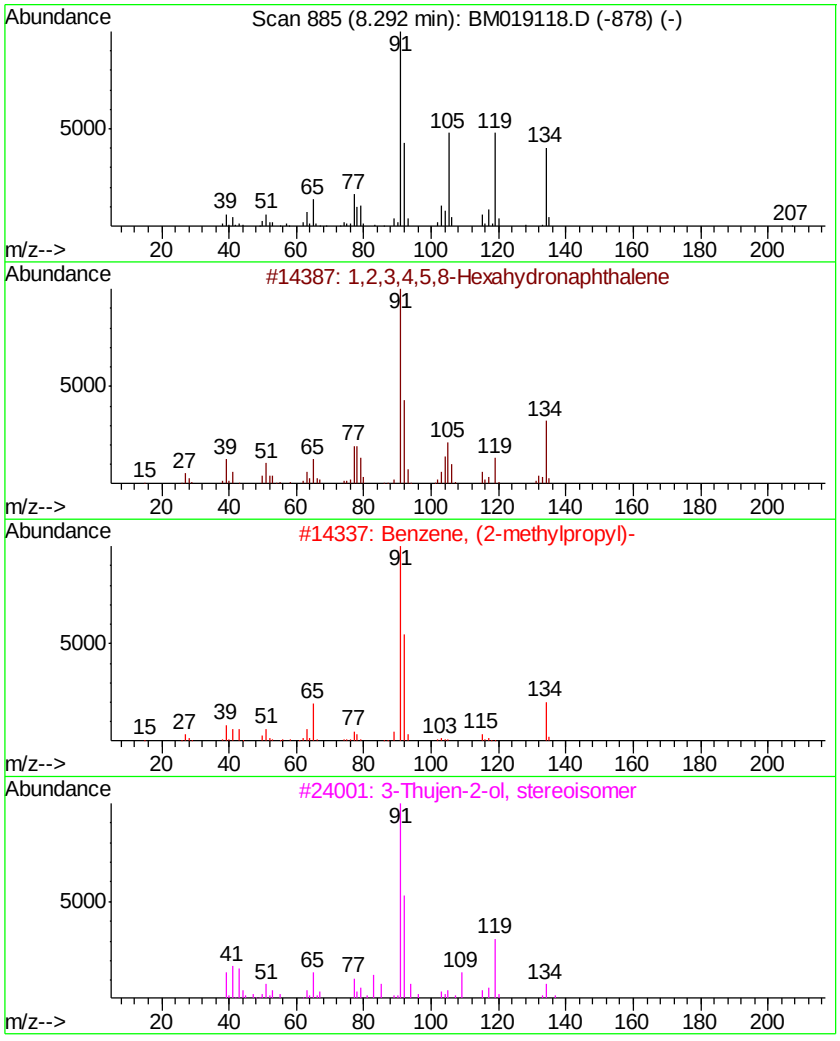
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

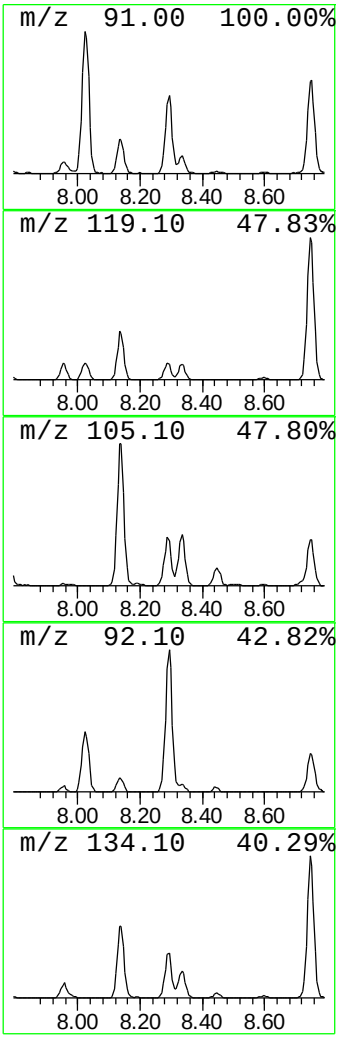
****

Peak Number 9 1,2,3,4,5,8-Hexahydronaphth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	5.51 ng	409132	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	64
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	60
3	3-Thujen-2-ol, stereoisomer	152	C10H16O	003310-03-0	50
4	Benzene, butyl-	134	C10H14	000104-51-8	47
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	27





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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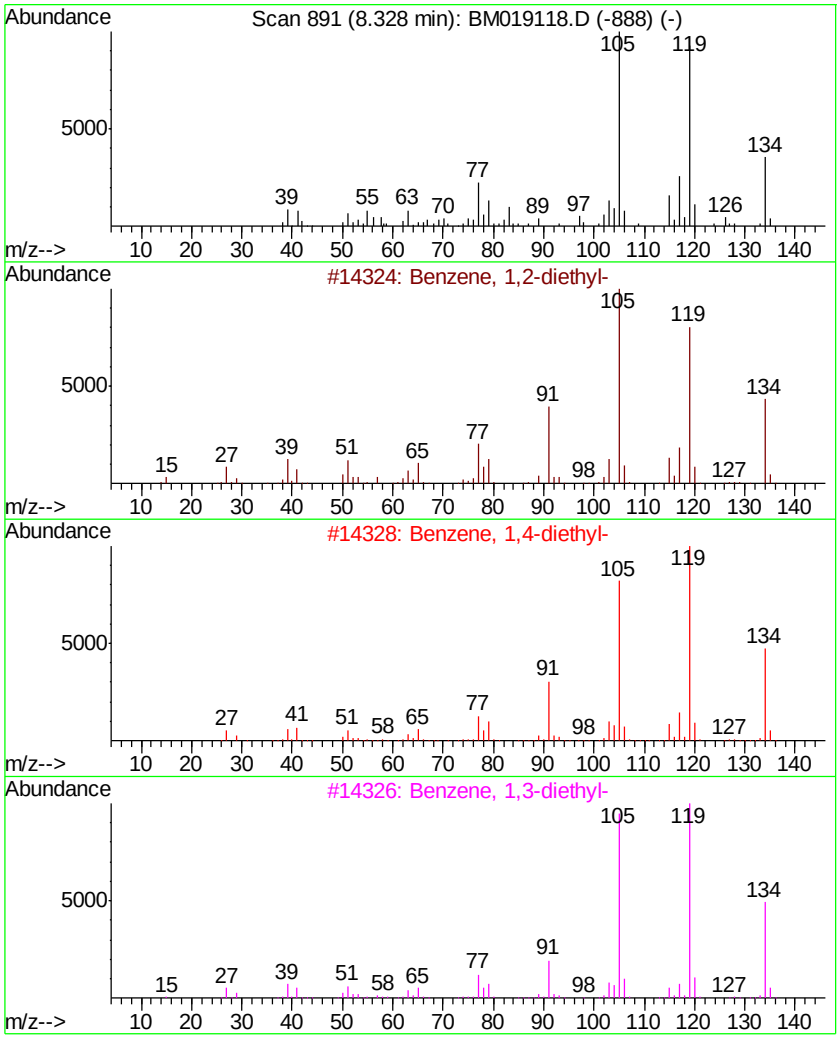
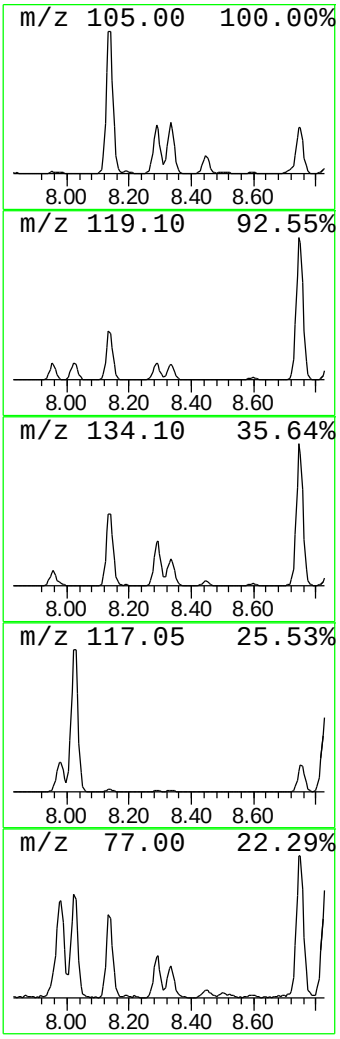
Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.08 ng	302584	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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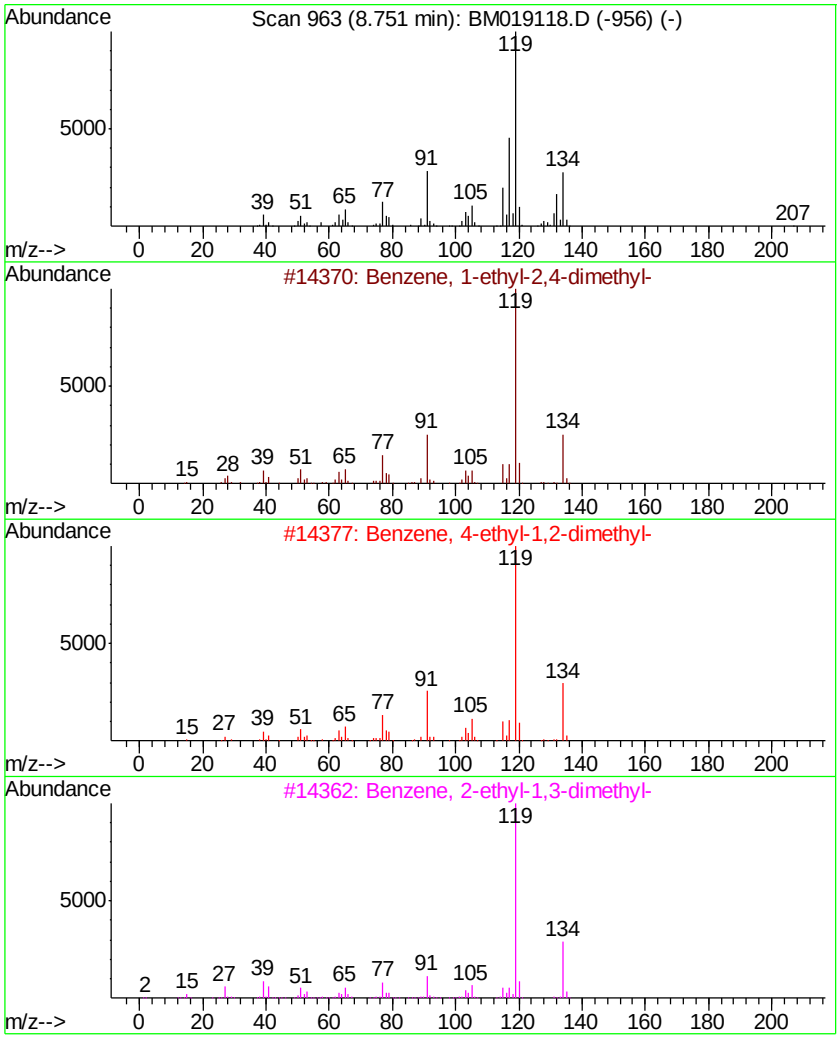
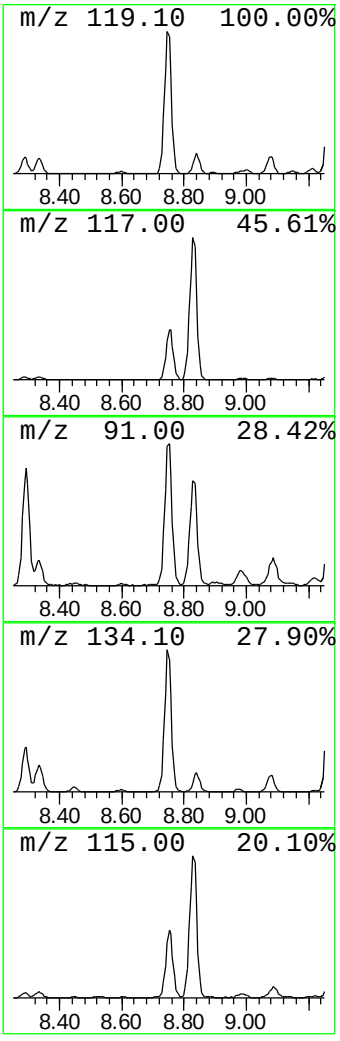
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	21.18 ng	1571680	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64





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Operator : JU/SJ
Sample : K1842-09
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Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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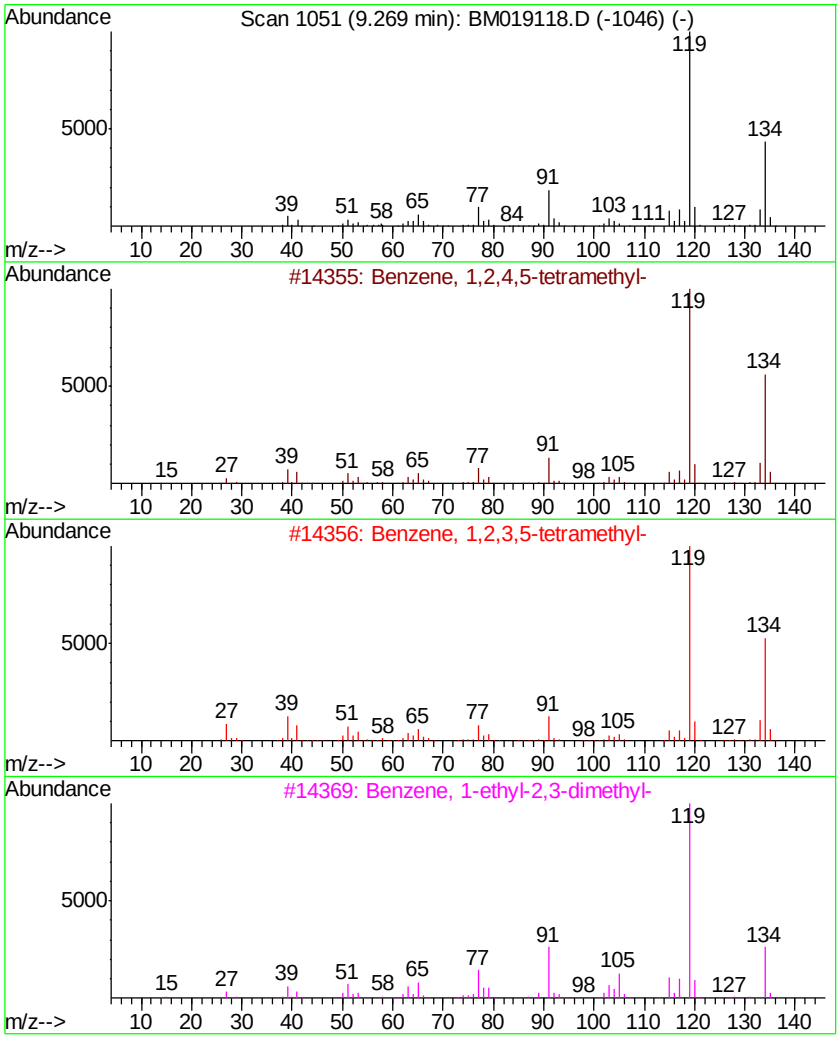
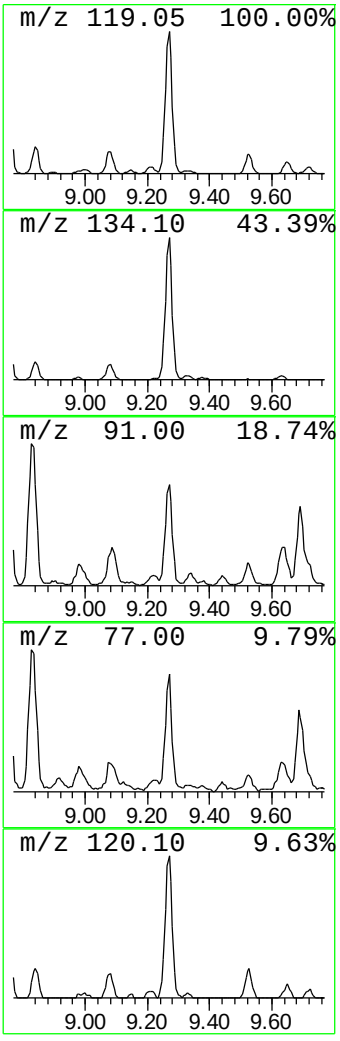
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.47 ng	847563	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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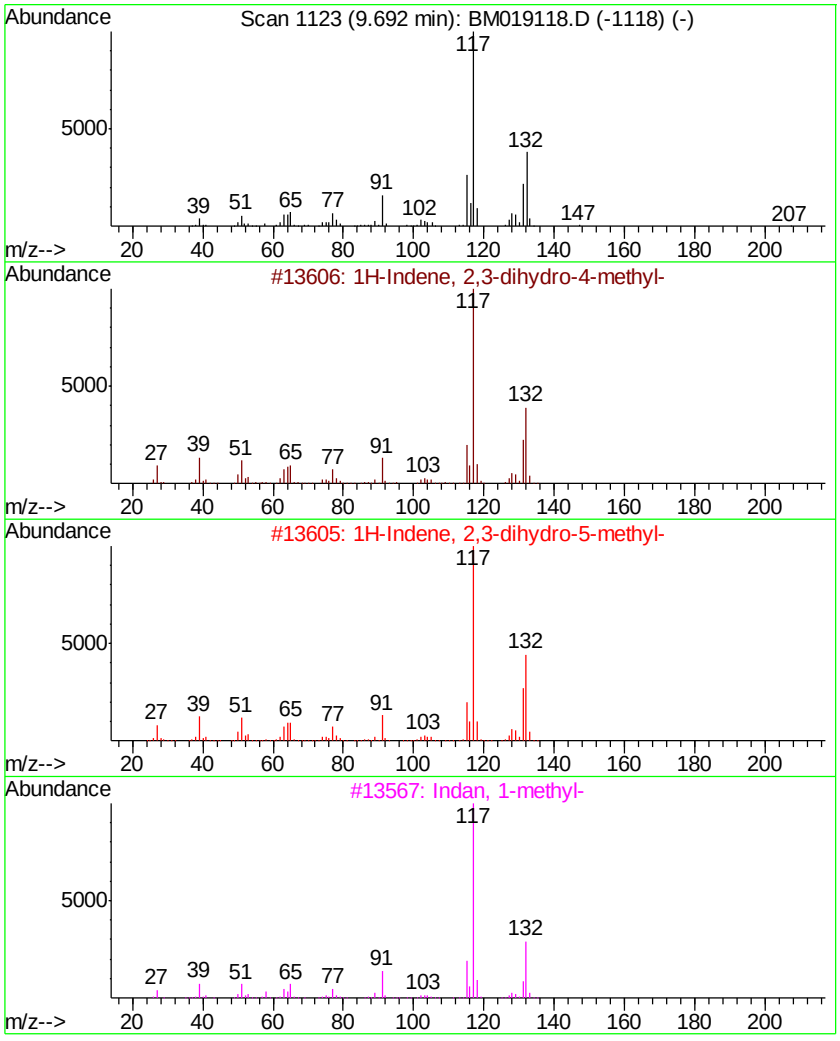
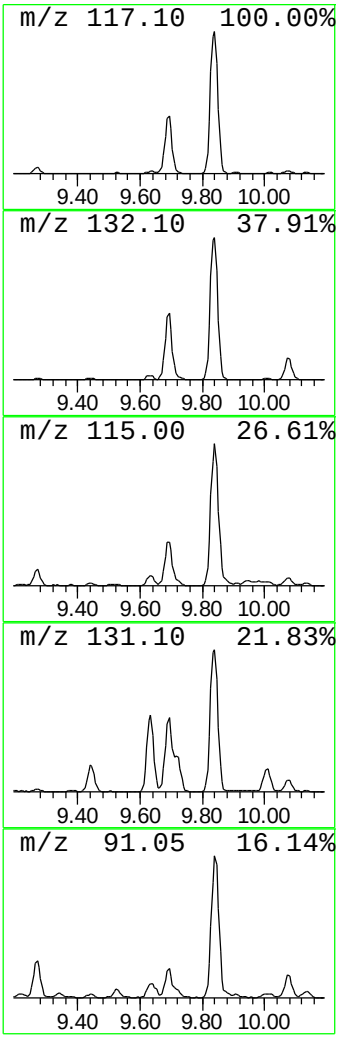
Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	7.31 ng	956981	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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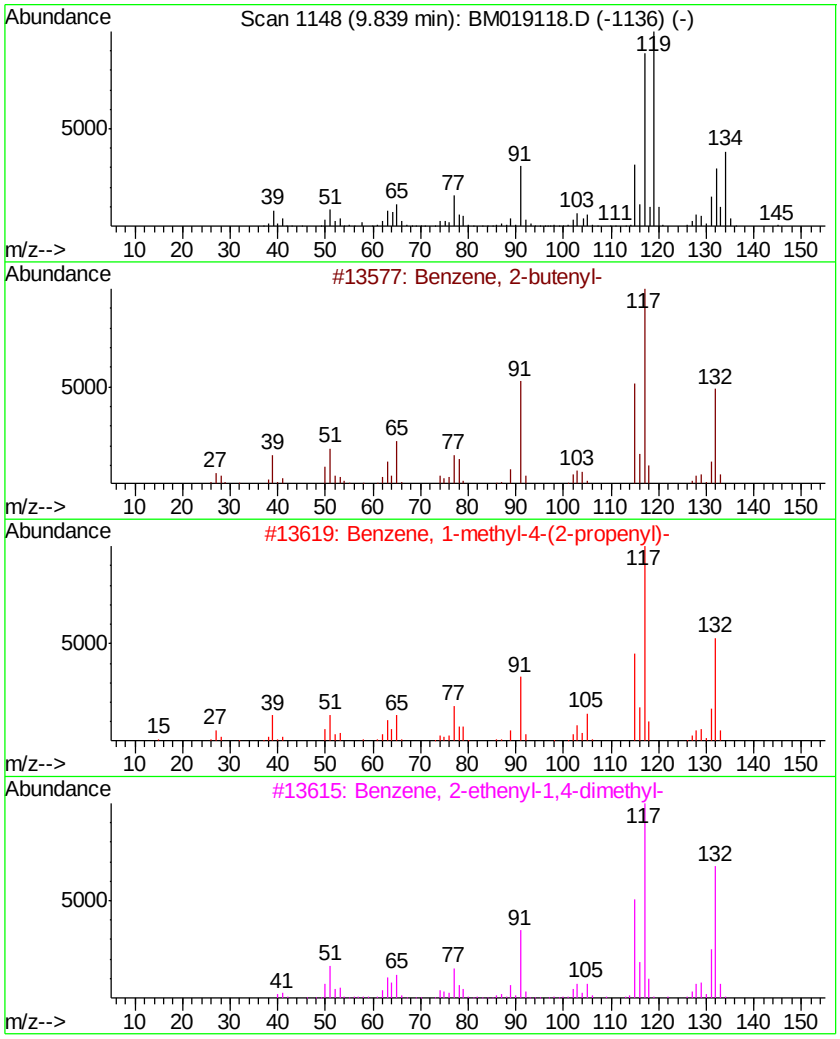
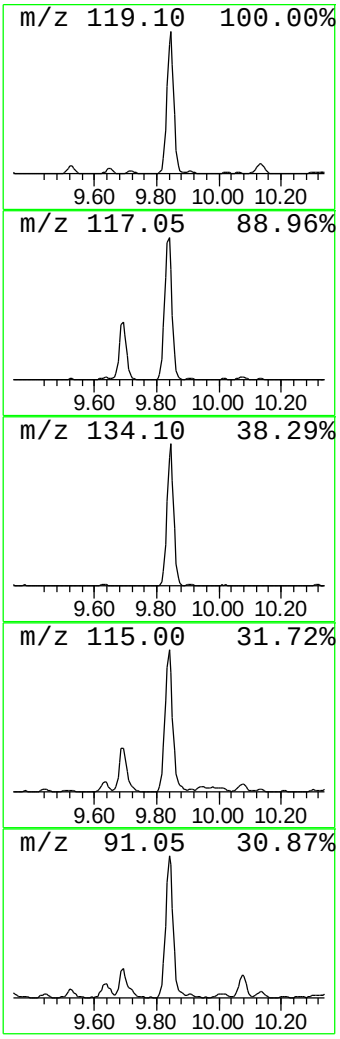
Peak Number 14 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	32.35 ng	4237410	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50





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Sample : K1842-09
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Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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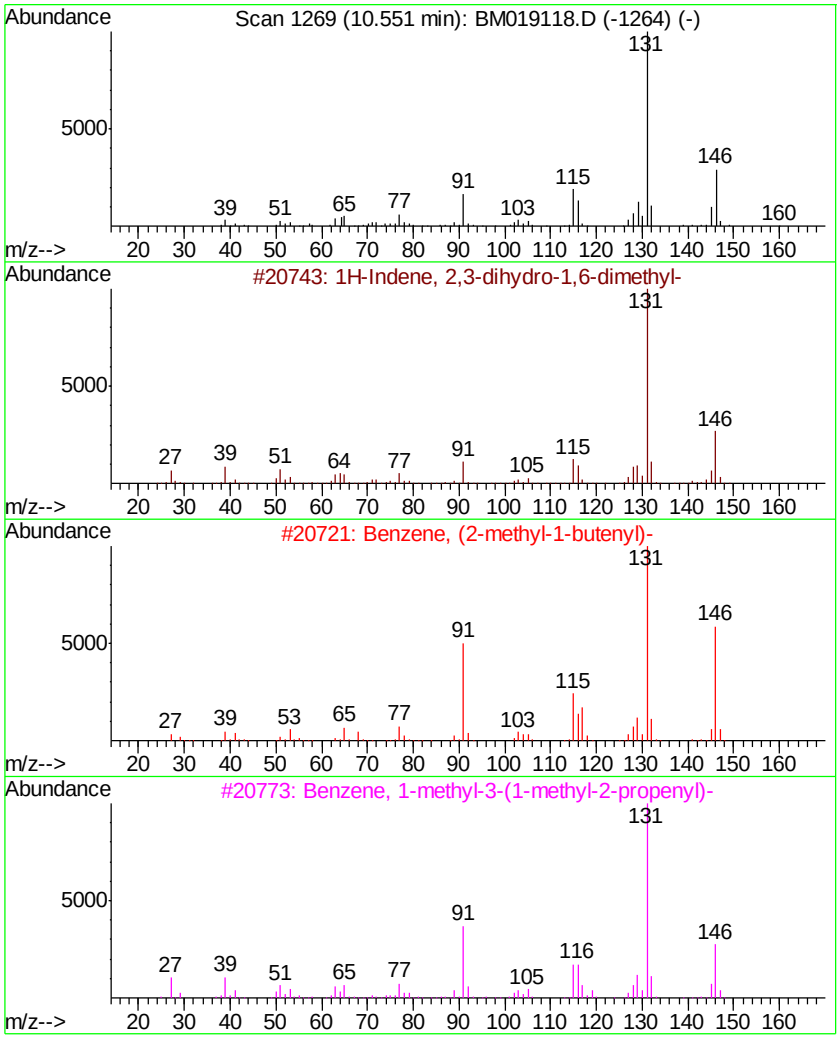
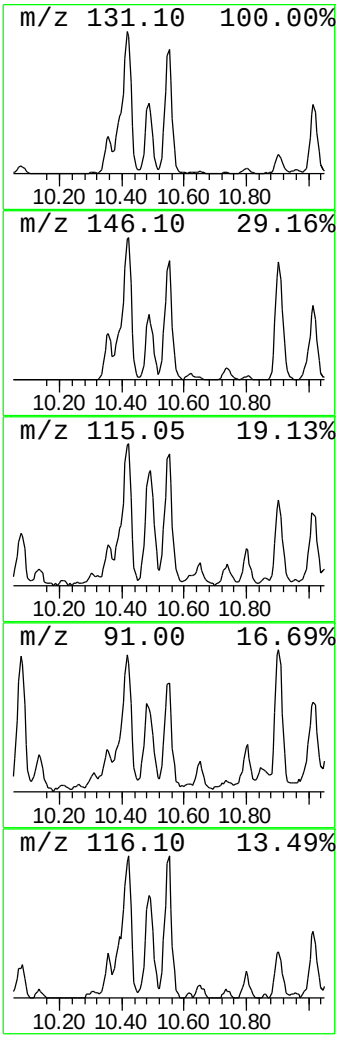
Peak Number 15 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.22 ng	552848	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91





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ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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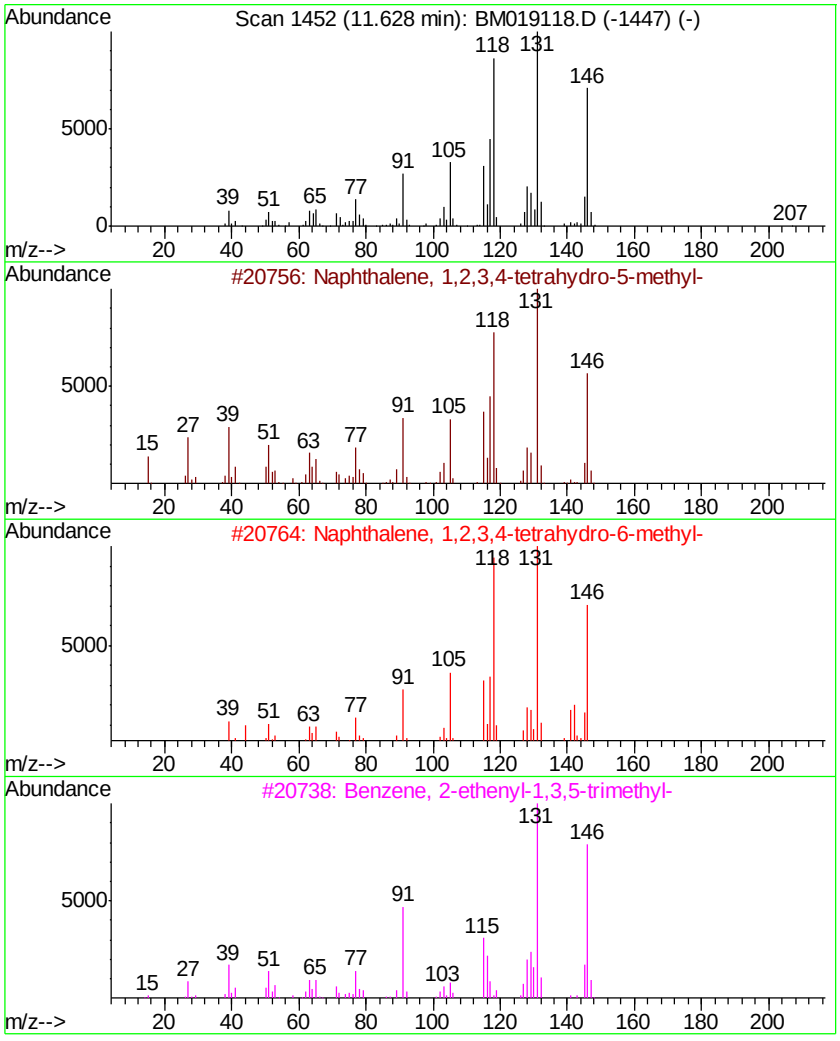
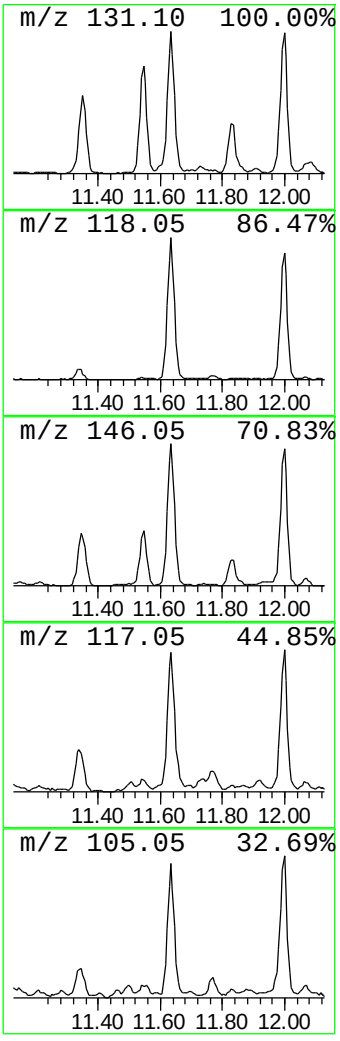
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.74 ng	882516	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55





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Misc :
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Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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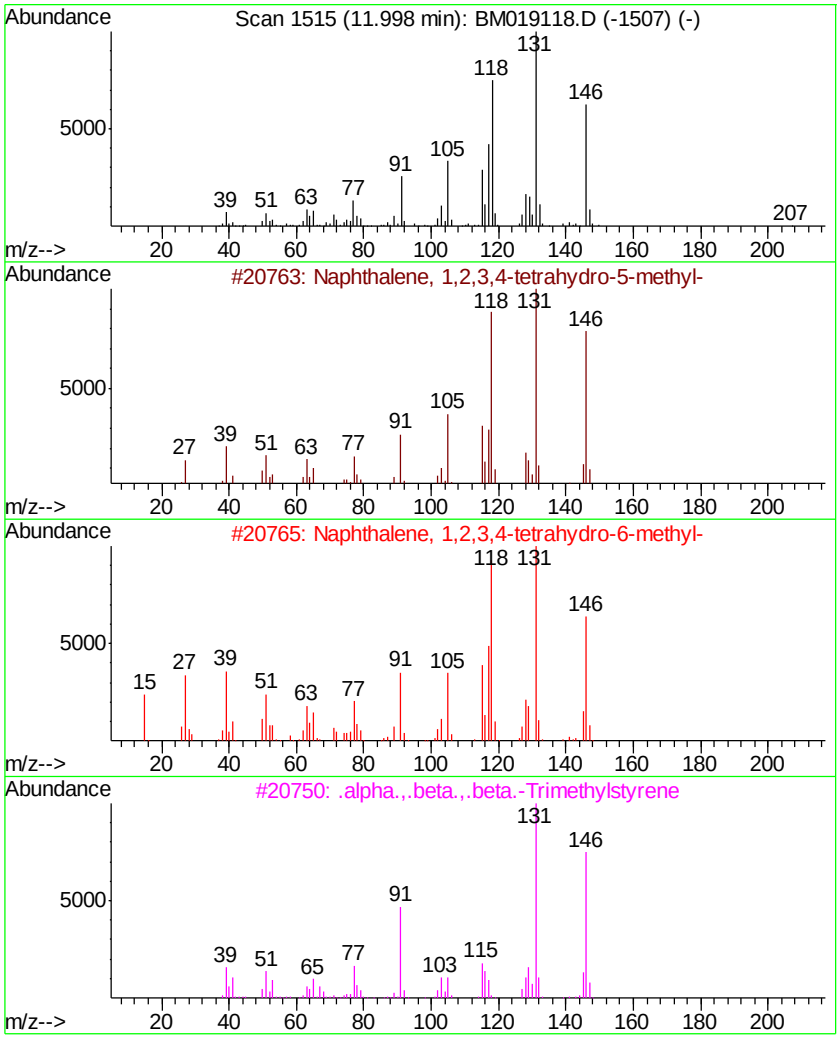
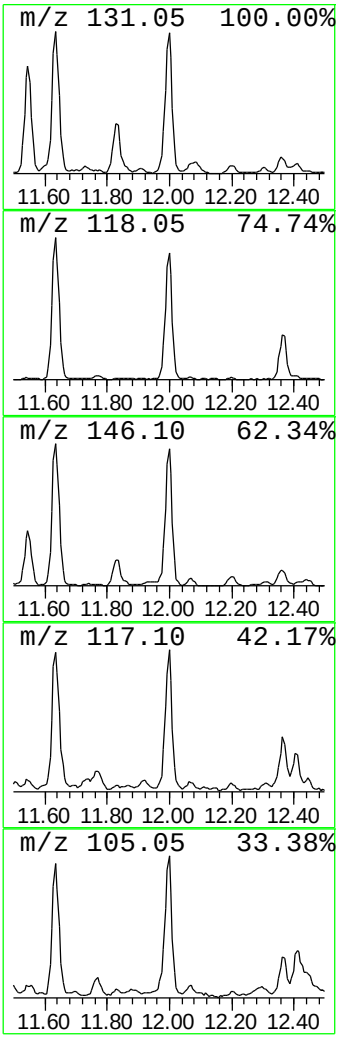
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.58 ng	861505	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





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

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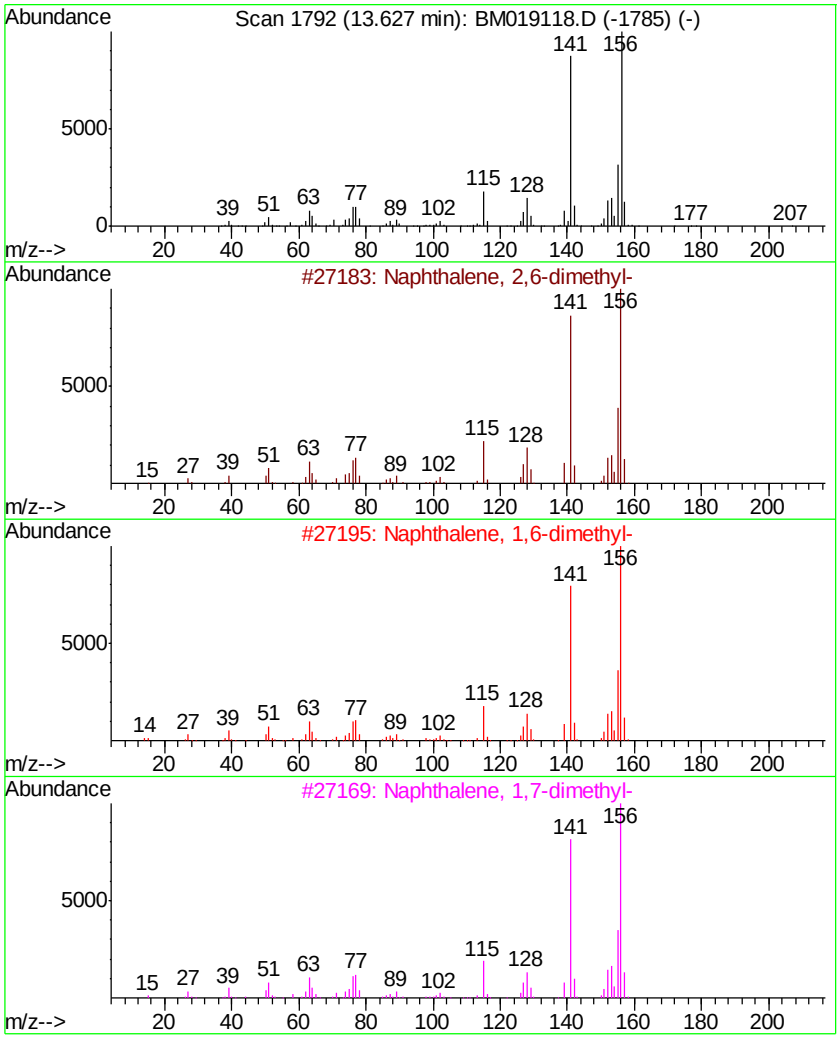
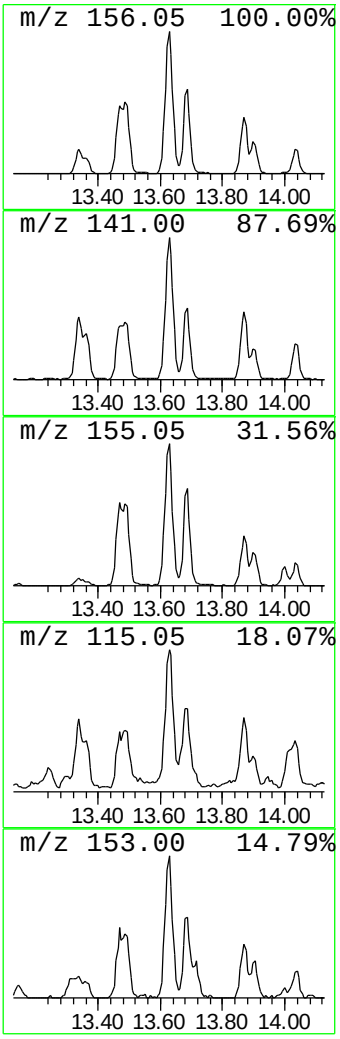
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.46 ng	1136500	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : PR-MW-02_030819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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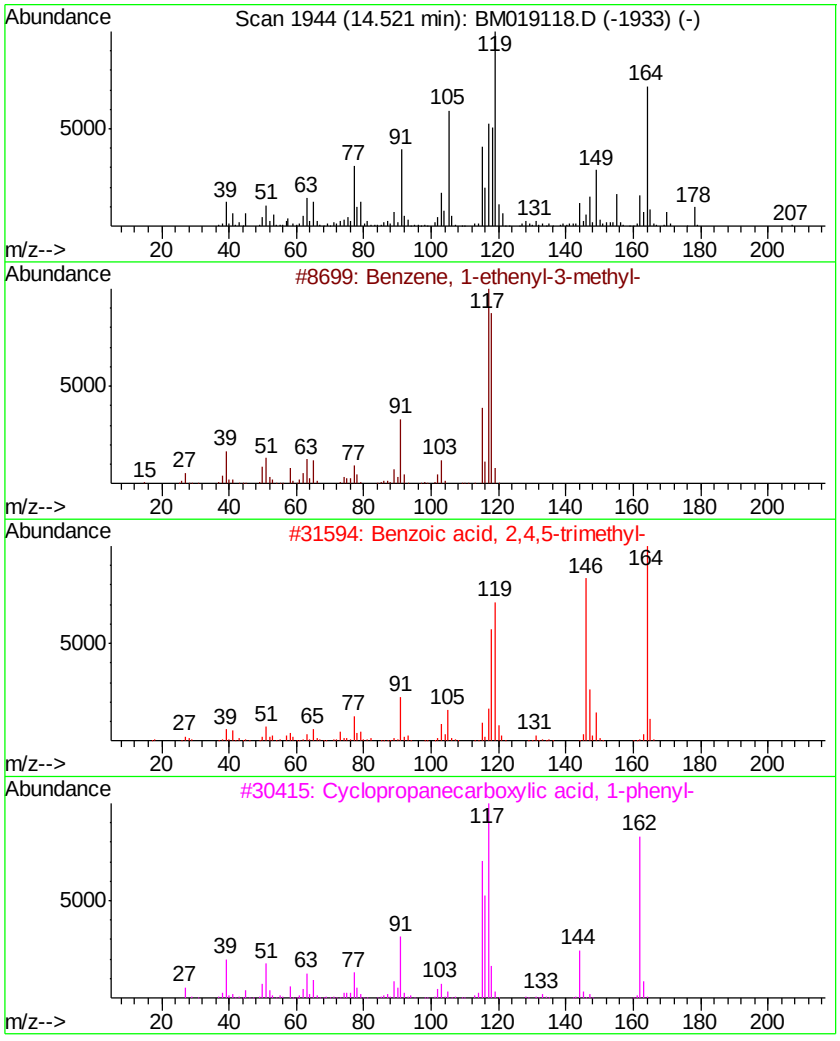
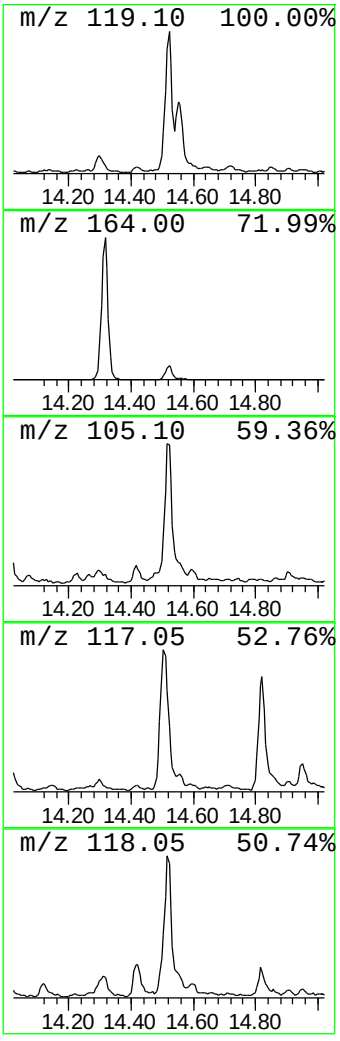
Peak Number 19 unknown14.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	7.85 ng	1380560	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	47
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	45
3	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	43
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	42
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

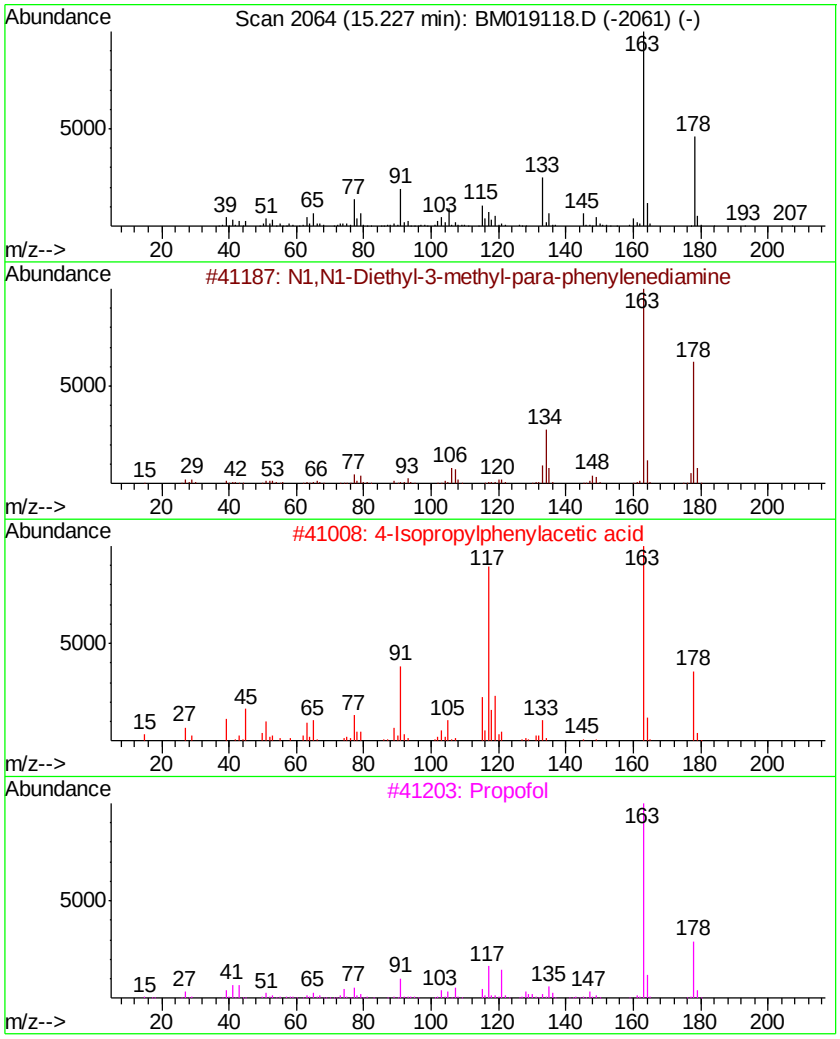
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

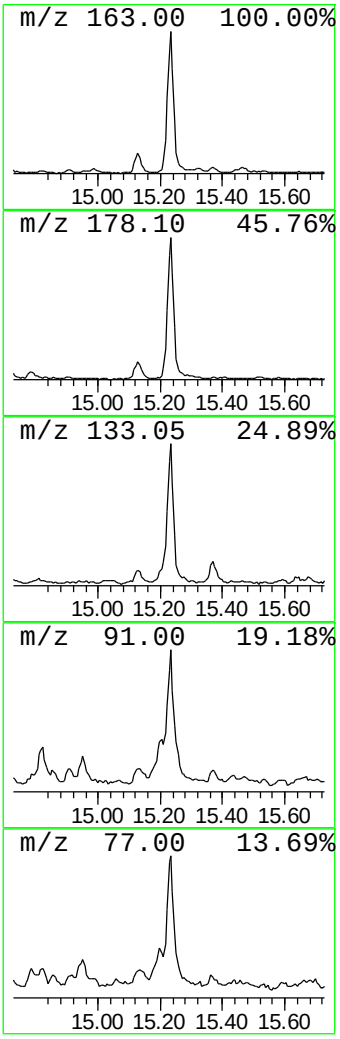
****

Peak Number 20 N1,N1-Diethyl-3-methyl-para... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.91 ng	863536	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N1,N1-Diethyl-3-methyl-para-phen...	178	C11H18N2	002051-79-8	72
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	64
3	Propofol	178	C12H18O	002078-54-8	64
4	Imidazole, 4,5-dichloro-2-isopro...	178	C6H8Cl2N2	1000262-40-5	59
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.15	52.6	ng	3901400	1	7.66	1484060	20.0
Benzene, propyl-	6.64	20.6	ng	1525390	1	7.66	1484060	20.0
unknown7.20	7.20	92.1	ng	6832820	1	7.66	1484060	20.0
Benzeneacetaldehy...	7.55	5.2	ng	383088	1	7.66	1484060	20.0
Benzene, 1,2,3-tr...	7.76	16.1	ng	1195790	1	7.66	1484060	20.0
Indane	8.02	37.1	ng	2752870	1	7.66	1484060	20.0
Benzene, 1,2-diet...	8.13	8.5	ng	632160	1	7.66	1484060	20.0
1,2,3,4,5,8-Hexah...	8.29	5.5	ng	409132	1	7.66	1484060	20.0
Benzene, 1,4-diet...	8.33	4.1	ng	302584	1	7.66	1484060	20.0
Benzene, 1-ethyl-...	8.75	21.2	ng	1571680	1	7.66	1484060	20.0
Benzene, 1,2,4,5-...	9.27	6.5	ng	847563	2	10.45	2619450	20.0
1H-Indene, 2,3-di...	9.69	7.3	ng	956981	2	10.45	2619450	20.0
Benzene, 2-butenyl-	9.84	32.4	ng	4237410	2	10.45	2619450	20.0
1H-Indene, 2,3-di...	10.55	4.2	ng	552848	2	10.45	2619450	20.0
Naphthalene, 1,2,...	11.63	6.7	ng	882516	2	10.45	2619450	20.0
Naphthalene, 1,2,...	12.00	6.6	ng	861505	2	10.45	2619450	20.0
Naphthalene, 2,6-...	13.63	6.5	ng	1136500	3	14.32	3516940	20.0
unknown14.52	14.52	7.8	ng	1380560	3	14.32	3516940	20.0
N1,N1-Diethyl-3-m...	15.23	4.9	ng	863536	3	14.32	3516940	20.0