LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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_F\METHODS\8270-BF091319.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	5.446	567	571	584	rBV	439608	481262	38.02%	3.897%
2	5.657	604	607	621	rBV	91912	129298	10.21%	1.047%
3	6.457	739	743	754	rBV	559310	565163	44.65%	4.576%
4	6.540	754	757	763	rVB2	26361	28496	2.25%	0.231%
5	6.593	763	766	773	rBV	665983	583496	46.10%	4.724%
6	6.657	773	777	782	rVV	185737	216726	17.12%	1.755%
7	6.698	782	784	792	rVB	86313	92037	7.27%	0.745%
8	6.822	802	805	814	rBV	380099	319693	25.26%	2.589%
9	6.981	828	832	844	rBV	479797	448821	35.46%	3.634%
10	7.087	846	850	859	rBV	131490	160507	12.68%	1.300%
11	7.328	887	891	894	rBV	22249	19730	1.56%	0.160%
12	7.381	897	900	907	rVV	320046	343967	27.17%	2.785%
13	7.440	907	910	915	rVV2	65644	95509	7.55%	0.773%
14	7.481	915	917	925	rVB	48003	55289	4.37%	0.448%
15	7.657	944	947	948	rBV	50850	37916	3.00%	0.307%
16	7.675	948	950	961	rVB	201894	217912	17.21%	1.764%
17	7.857	977	981	984	rBV	84620	90575	7.16%	0.733%
18	7.904	984	989	997	rVV	157428	193929	15.32%	1.570%
19	7.981	997	1002	1006	rVB	18274	21336	1.69%	0.173%
20	8.104	1019	1023	1031	rBV	438771	429436	33.93%	3.477%
21	8.316	1054	1059	1066	rBV	231775	213574	16.87%	1.729%
22	8.375	1066	1069	1076	rVV	249112	230381	18.20%	1.865%
23	8.557	1093	1100	1105	rBV	25258	40663	3.21%	0.329%
24	8.604	1105	1108	1111	rBV	27115	26071	2.06%	0.211%
25	8.804	1138	1142	1150	rBV2	116339	132662	10.48%	1.074%
26	8.869	1150	1153	1158	rBV	71711	61515	4.86%	0.498%
27	8.910	1158	1160	1163	rBV	44200	38264	3.02%	0.310%
28	8.981	1170	1172	1175	rBV	50596	48027	3.79%	0.389%
29	9.092	1188	1191	1196	rBV	96692	77316	6.11%	0.626%
30	9.169	1201	1204	1211	rVB	732097	693024	54.75%	5.611%
31	9.298	1223	1226	1229	rBV	266054	241076	19.04%	1.952%
32	9.328	1229	1231	1237	rVV	60018	73549	5.81%	0.596%
33	9.386	1238	1241	1243	rVV2	21746	21740	1.72%	0.176%
34	9.416	1243	1246	1248	rVV	27753	21767	1.72%	0.176%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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_F\METHODS\8270-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.469	1253	1255	1260	rVB2	42908	39157	3.09%	0.317%
36	9.516	1260	1263	1266	rBV2	36063	31315	2.47%	0.254%
37	9.563	1268	1271	1278	rBV2	67719	114473	9.04%	0.927%
38	9.651	1283	1286	1288	rBV2	17030	18081	1.43%	0.146%
39	9.710	1293	1296	1300	rBV	98591	107880	8.52%	0.873%
40	9.792	1307	1310	1312	rBV	180295	159590	12.61%	1.292%
41	9.822	1312	1315	1317	rVV	117425	130384	10.30%	1.056%
42	9.851	1317	1320	1323	rVV	626749	531027	41.95%	4.300%
43	9.881	1323	1325	1332	rVB	103648	110960	8.77%	0.898%
44	10.181	1370	1376	1380	rBV7	46818	80141	6.33%	0.649%
45	10.304	1394	1397	1400	rBV2	22701	26315	2.08%	0.213%
46	10.504	1429	1431	1436	rVB5	21310	30236	2.39%	0.245%
47	10.639	1450	1454	1460	rBV	367033	391119	30.90%	3.167%
48	10.769	1471	1476	1481	rBV2	47514	65154	5.15%	0.528%
49	10.863	1490	1492	1495	rVB	21467	15886	1.25%	0.129%
50	11.145	1536	1540	1548	rBV	1310882	1265832	100.00%	10.249%
51	11.228	1552	1554	1558	rVB	54703	56988	4.50%	0.461%
52	11.333	1569	1572	1575	rBV	533066	470207	37.15%	3.807%
53	11.857	1658	1661	1665	rBV2	68229	66072	5.22%	0.535%
54	12.545	1776	1778	1783	rVB	98549	92347	7.30%	0.748%
55	12.775	1814	1817	1822	rBV	218299	222745	17.60%	1.804%
56	12.910	1837	1840	1849	rVB	626077	606660	47.93%	4.912%
57	13.969	2016	2020	2023	rBV2	391355	415509	32.82%	3.364%
58	14.998	2192	2195	2202	rVB	100323	162781	12.86%	1.318%
59	15.292	2242	2245	2251	rVB	100807	138815	10.97%	1.124%
60	15.357	2253	2256	2261	rVB	99797	126944	10.03%	1.028%
61	15.416	2262	2266	2272	rVB	303483	423149	33.43%	3.426%

Sum of corrected areas: 12350494

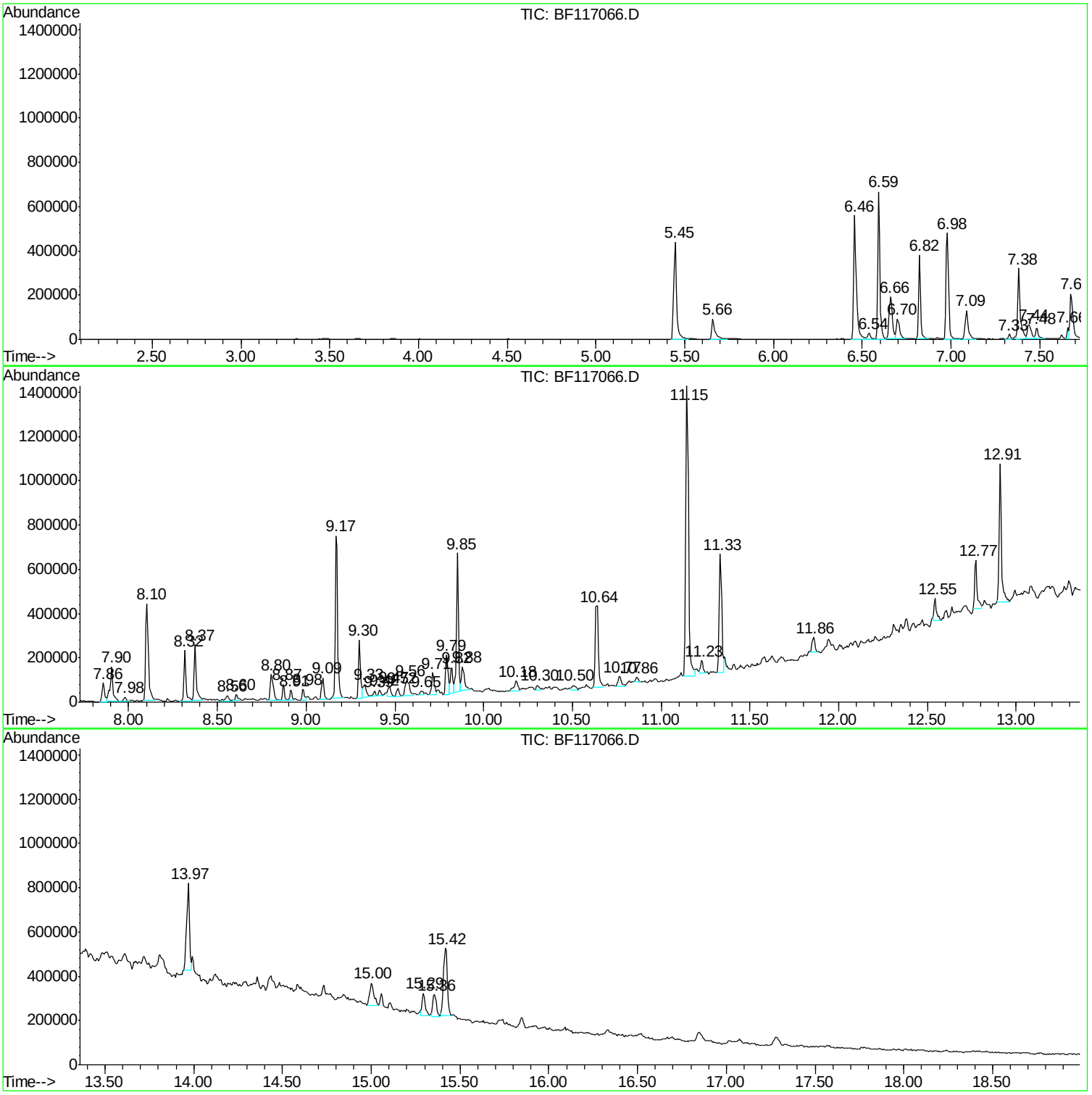
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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 F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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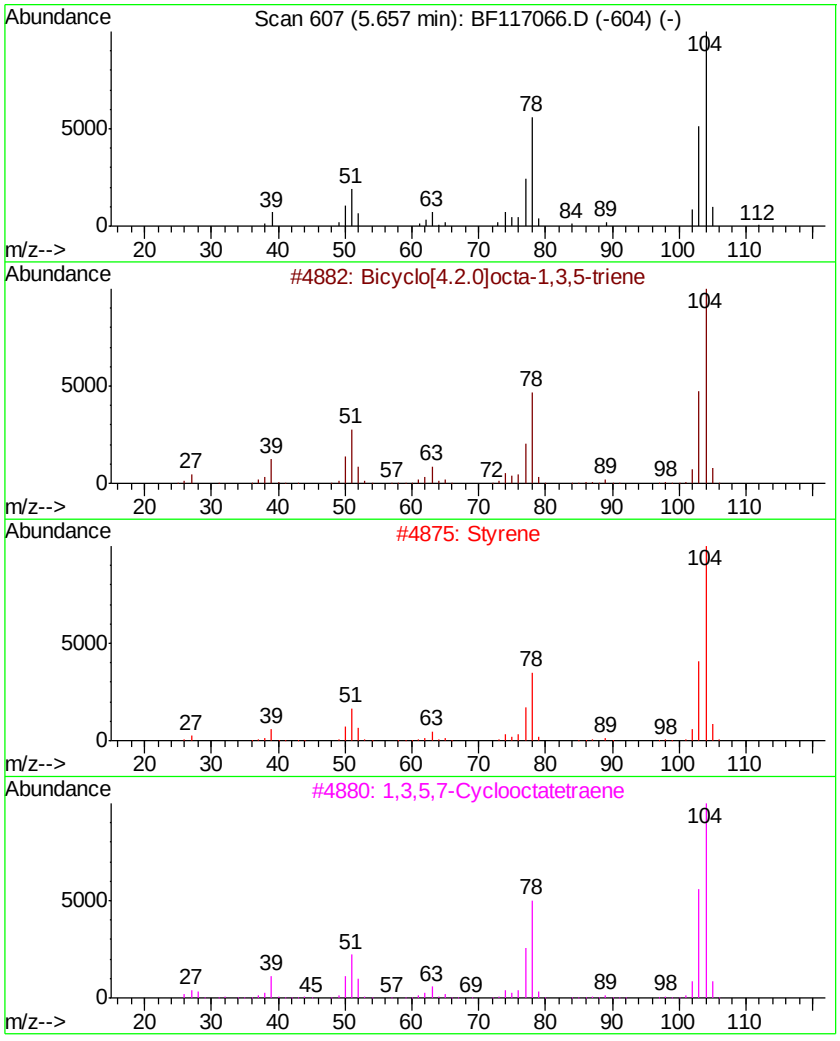
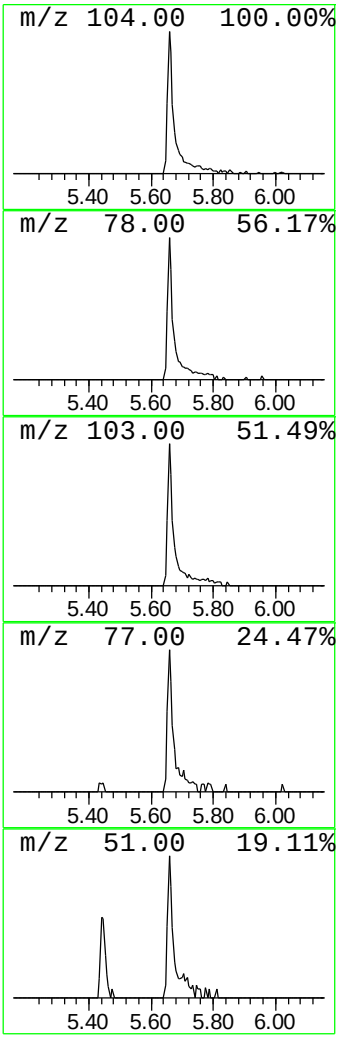
Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	8.09 ng	129298	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	94
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	4-Pyridinecarbonitrile	104	C6H4N2	000100-48-1	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

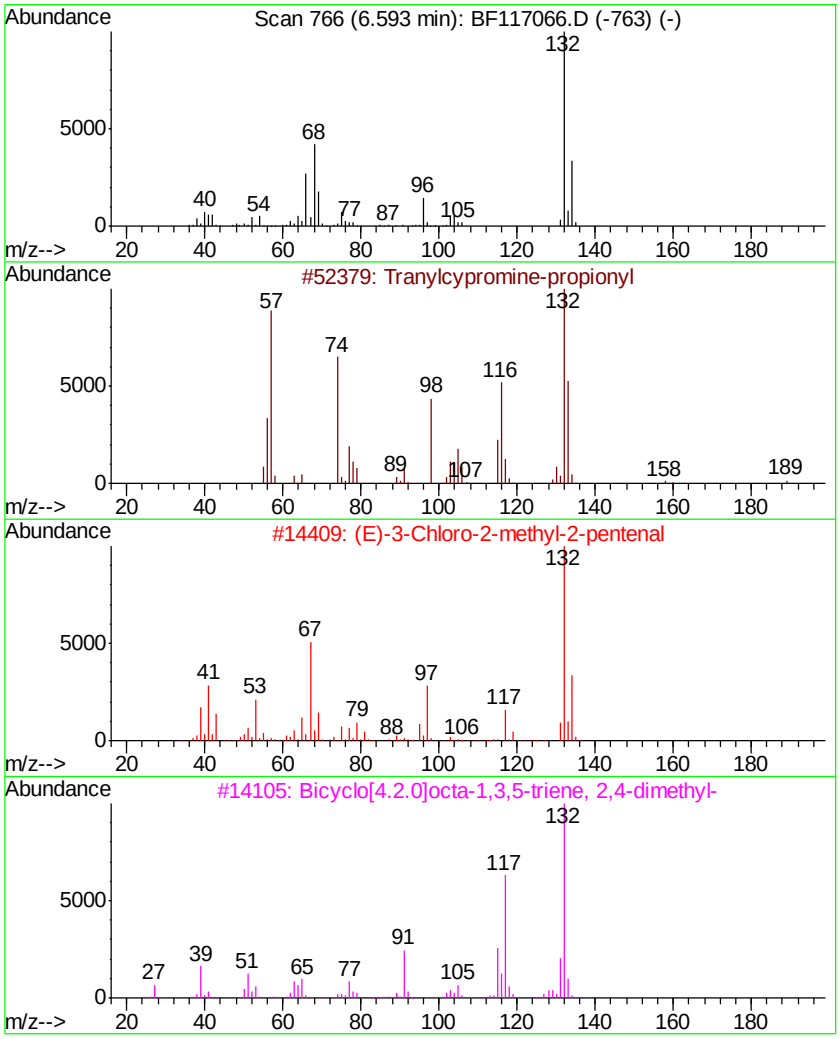
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

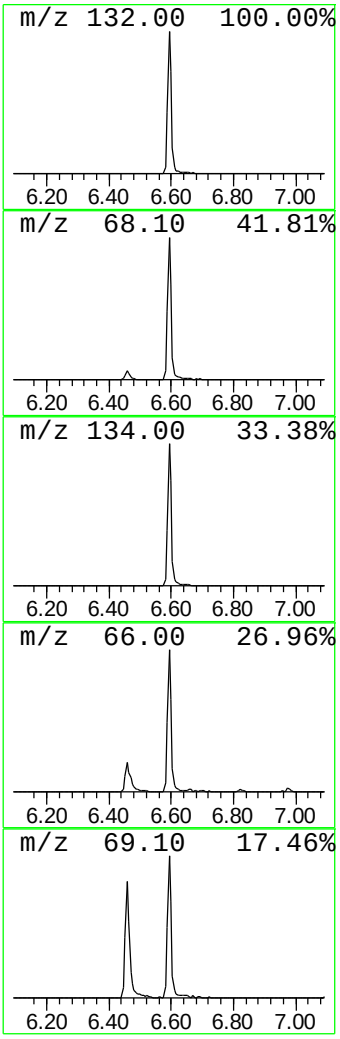
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	36.50 ng	583496	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

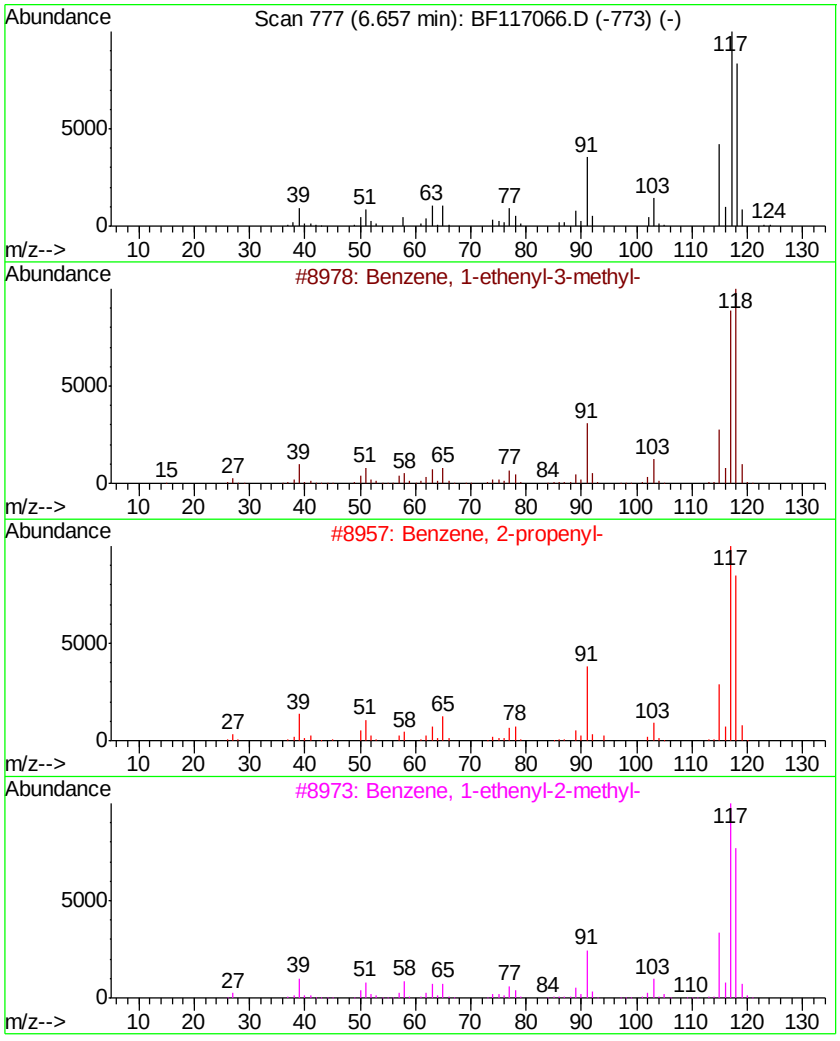
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

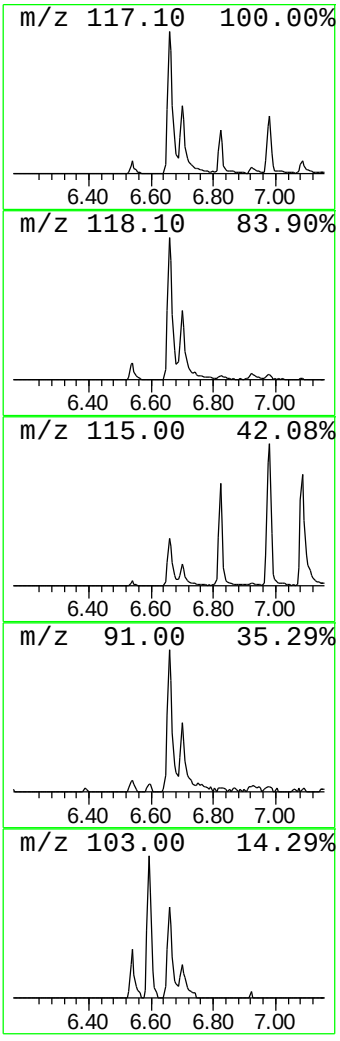
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	13.56 ng	216726	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
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Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

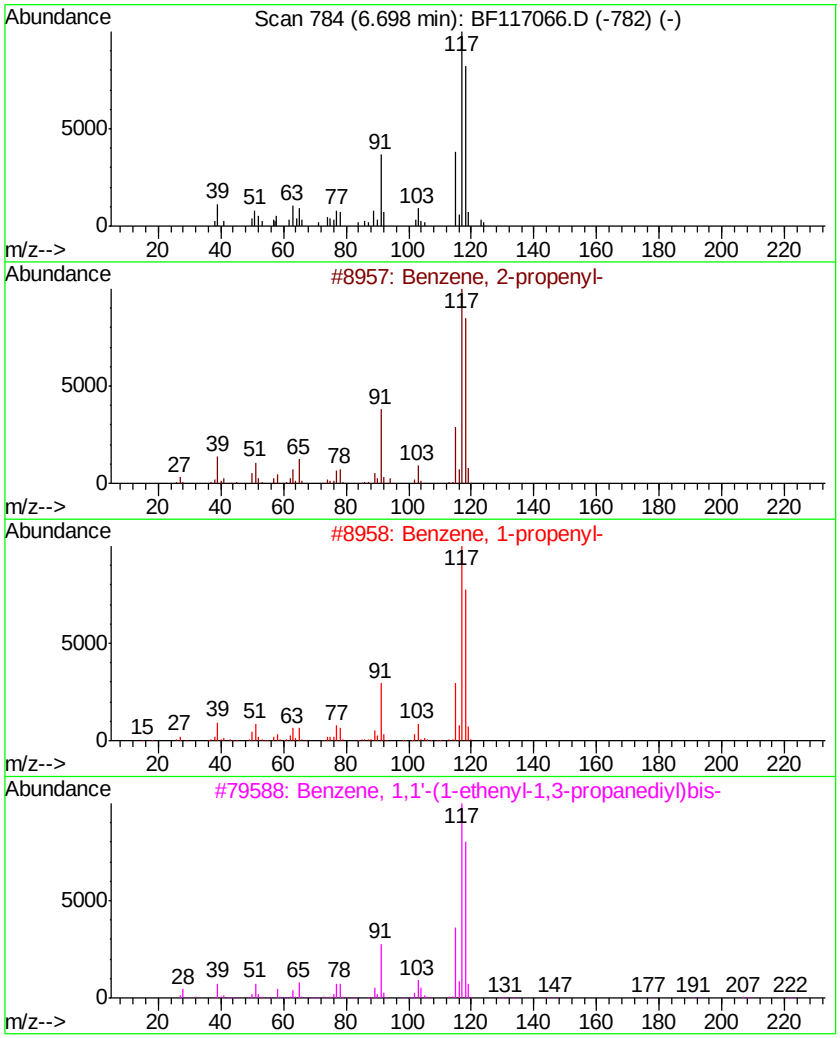
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

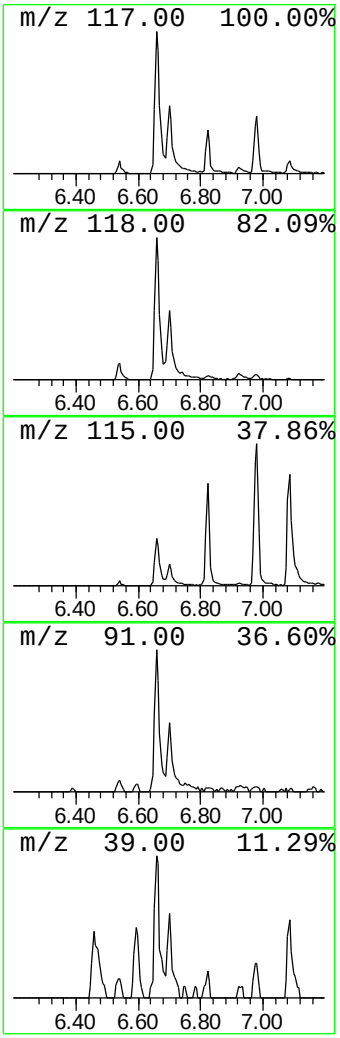
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	5.76 ng	92037	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

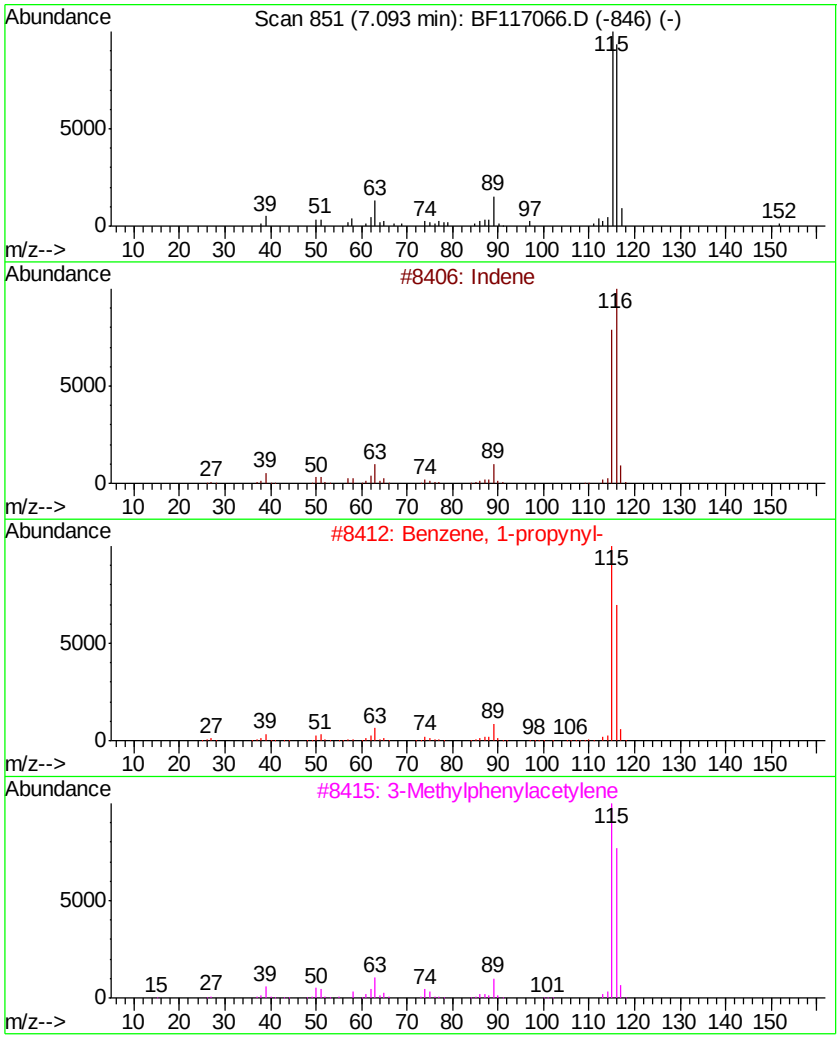
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

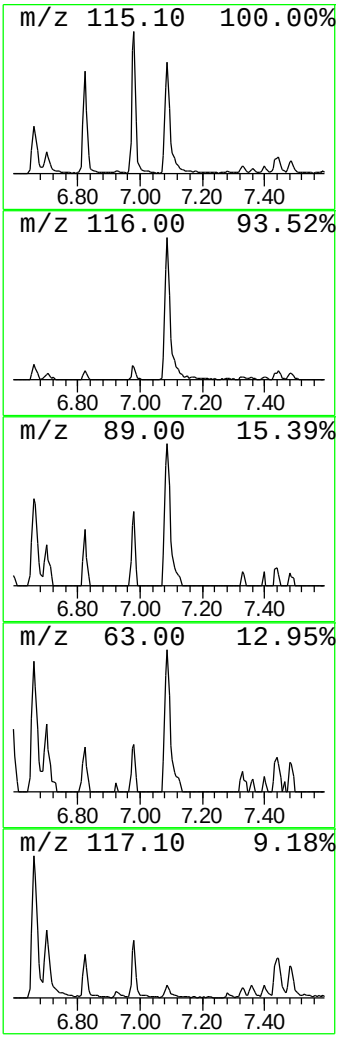
****

Peak Number 6 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	10.04 ng	160507	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Data File : BF117066.D
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Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

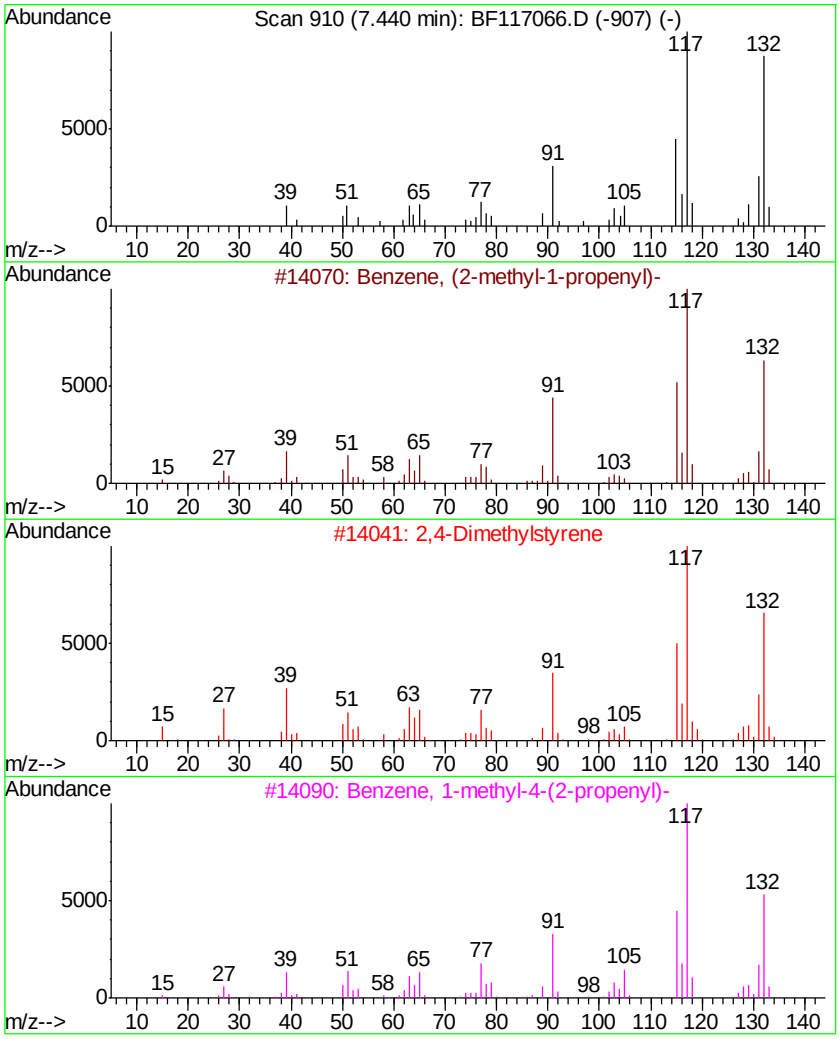
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

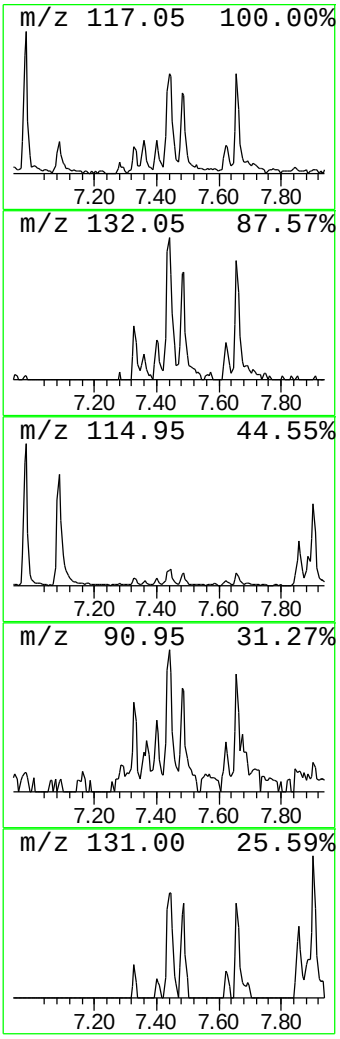
****

Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	5.98 ng	95509	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	97
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	97
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

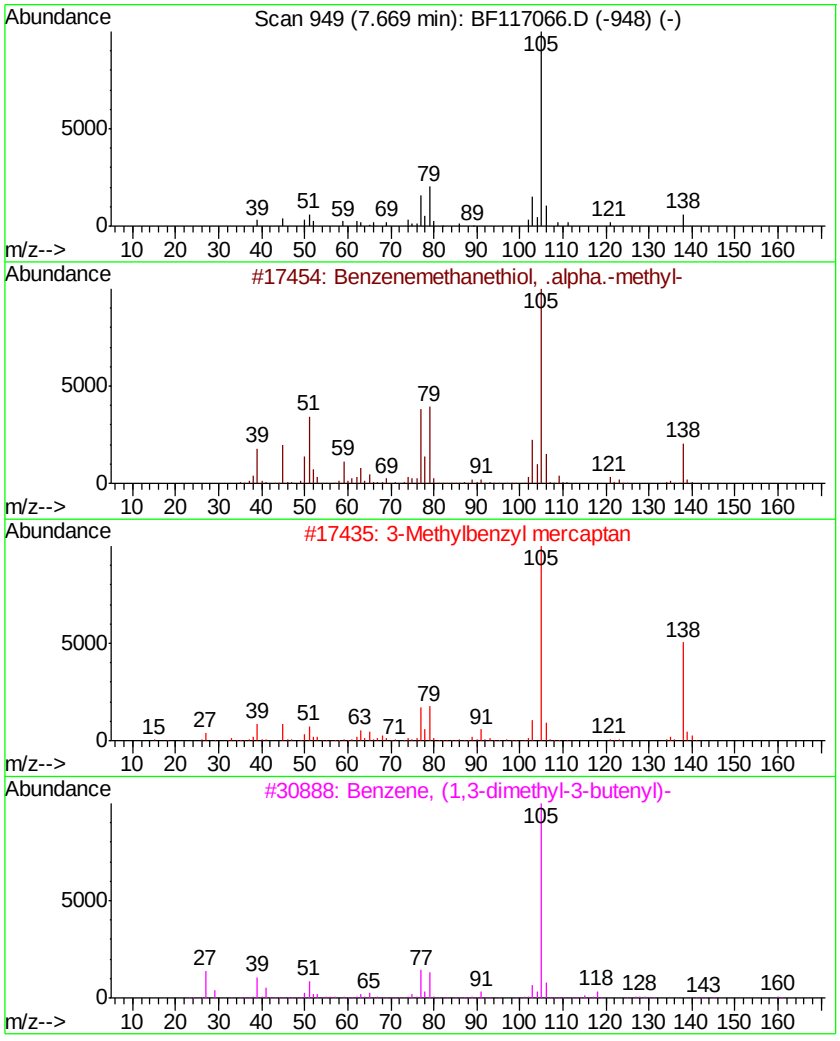
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

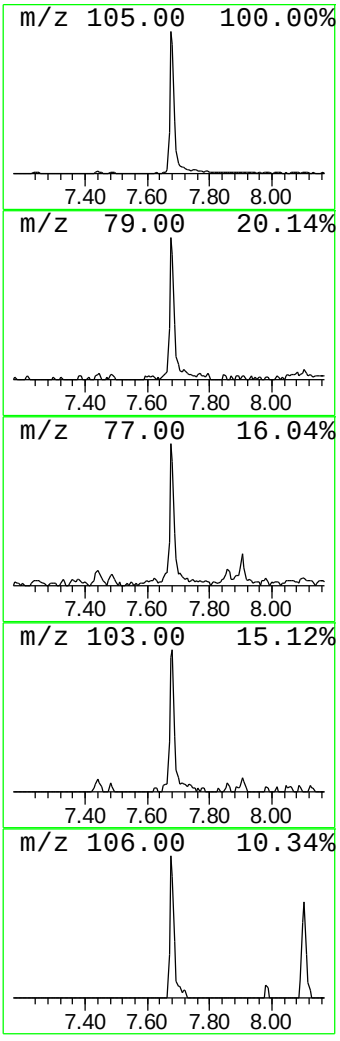
****

Peak Number 8 Benzenemethanethiol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	10.15 ng	217912	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64
3	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64
4	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	59
5	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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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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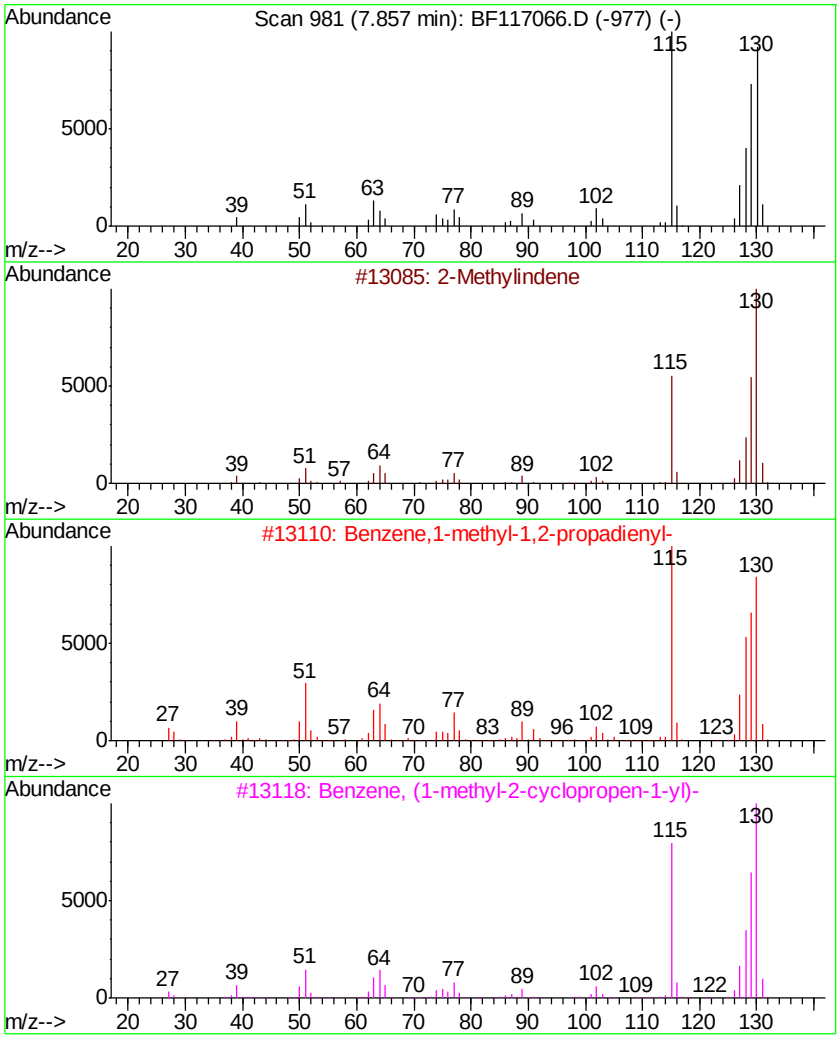
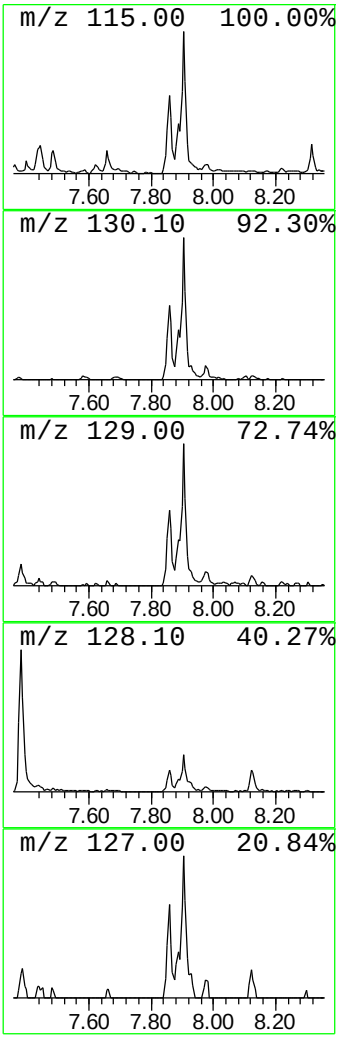
Peak Number 9 2-Methylindene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.22 ng	90575	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	93
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	89





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Misc :
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ClientSampleId : DRUM-COMP

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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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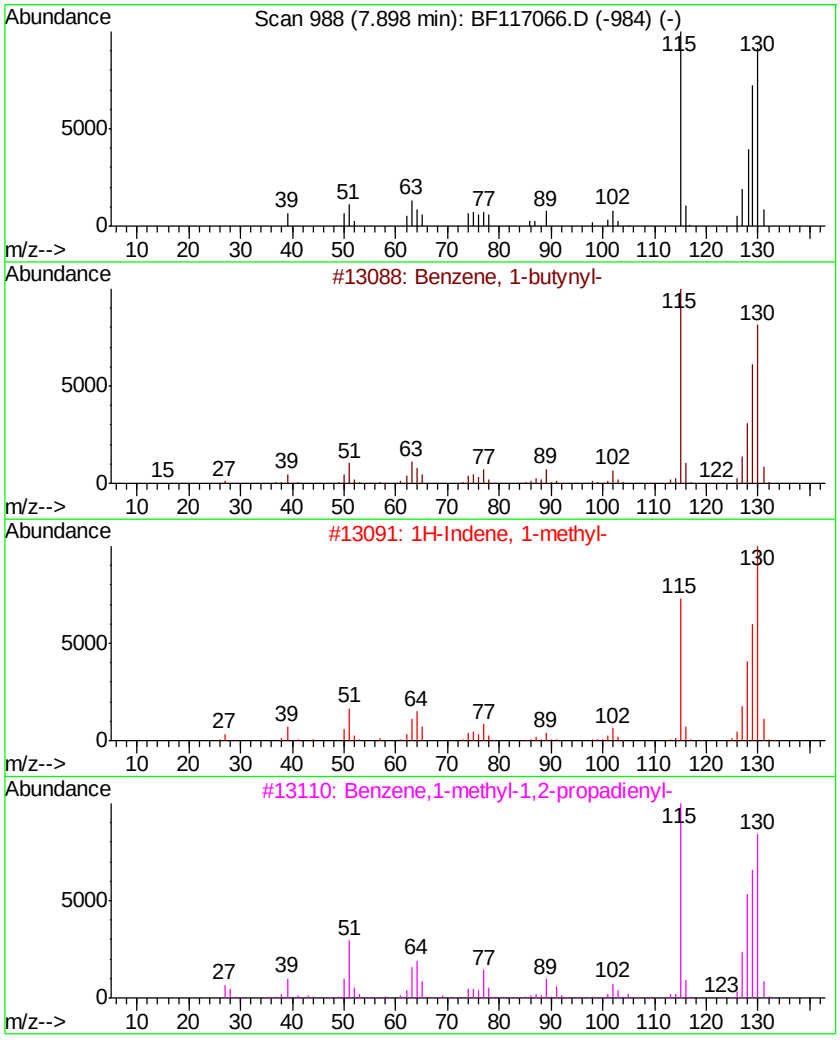
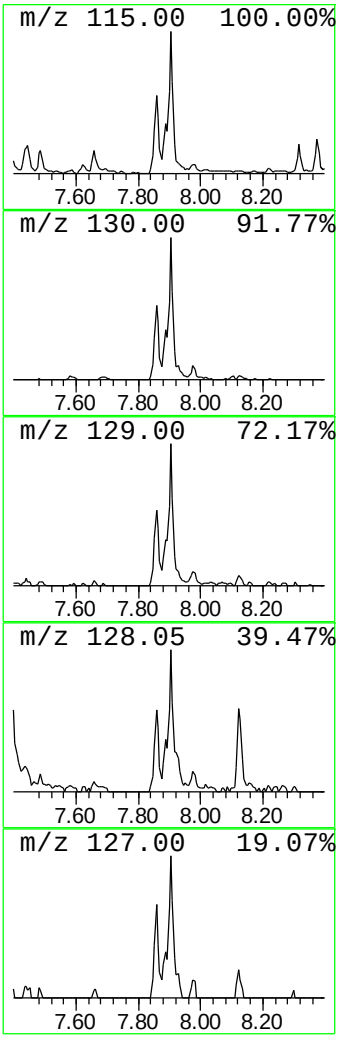
Peak Number 10 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	9.03 ng	193929	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





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

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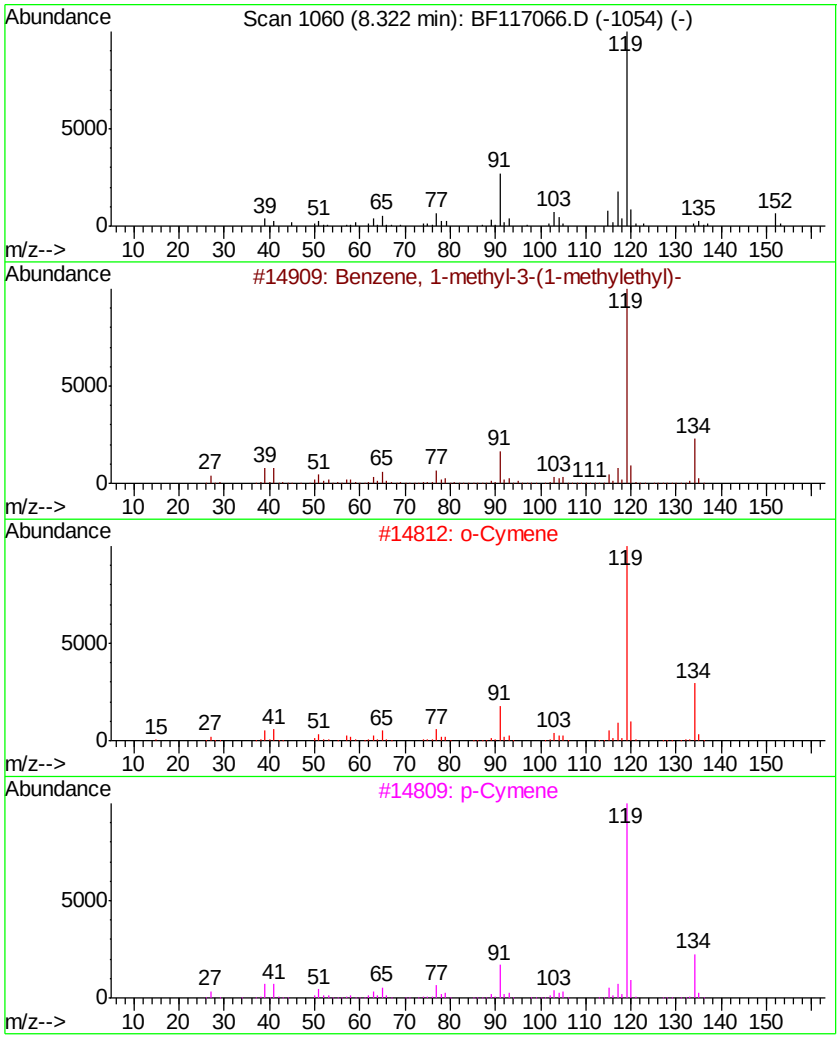
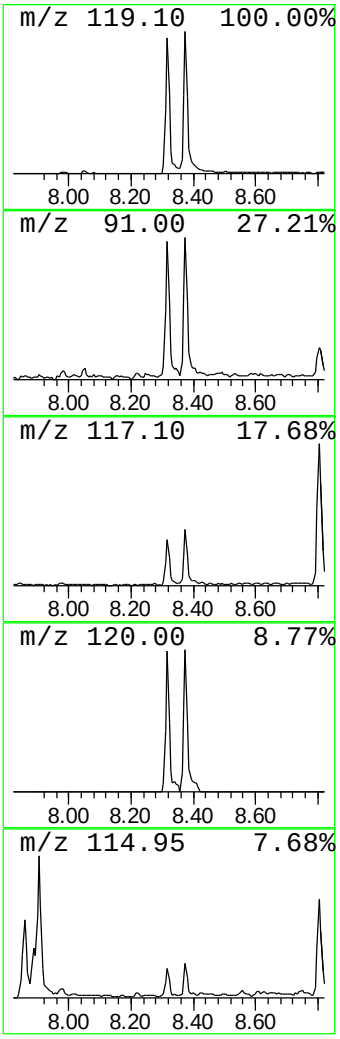
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	9.95 ng	213574	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
2	o-Cymene	134	C10H14	000527-84-4	83
3	p-Cymene	134	C10H14	000099-87-6	78
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





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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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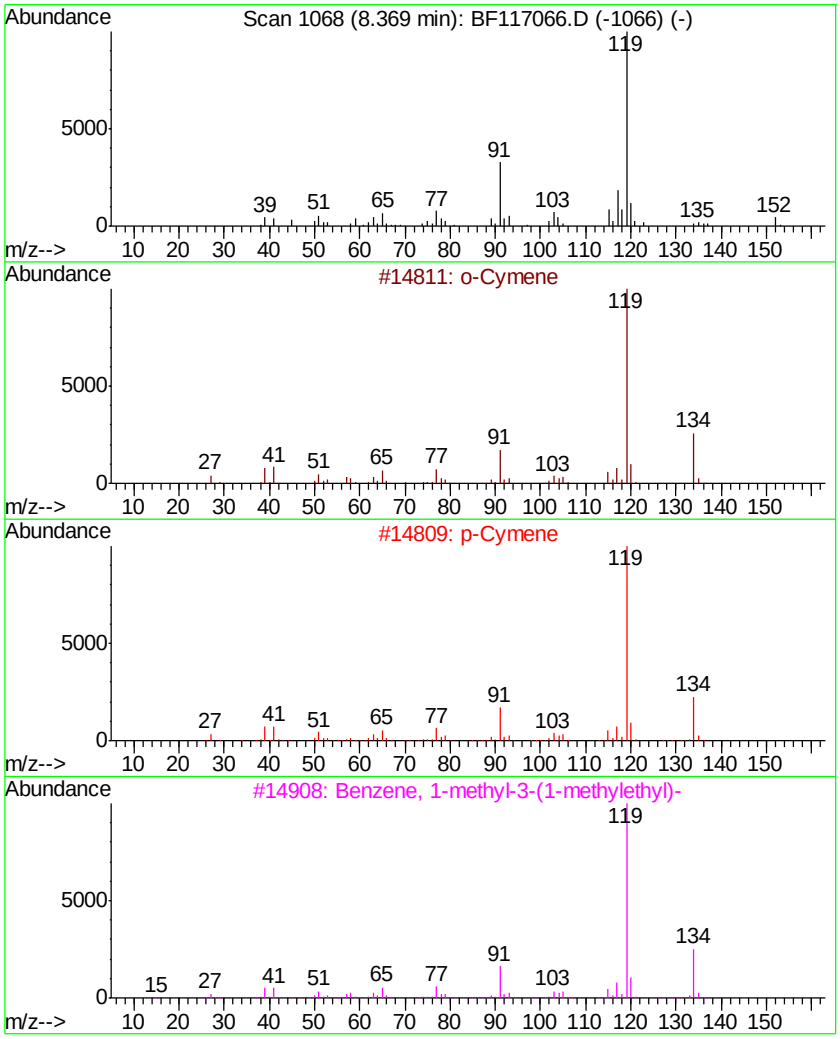
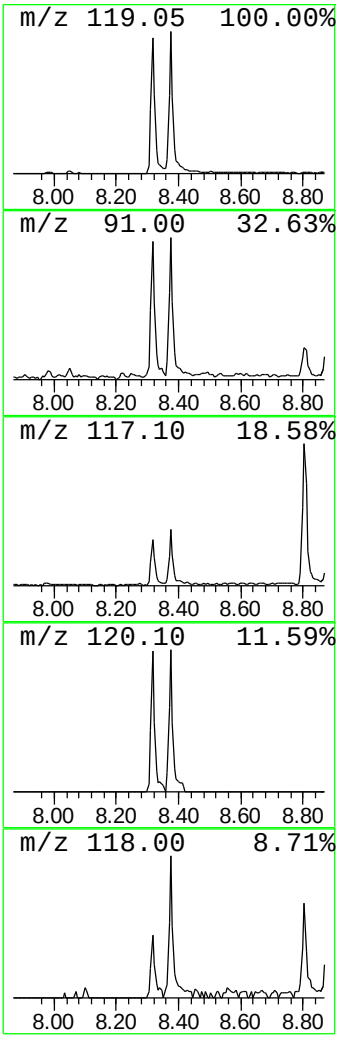
Peak Number 12 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	10.73 ng	230381	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62





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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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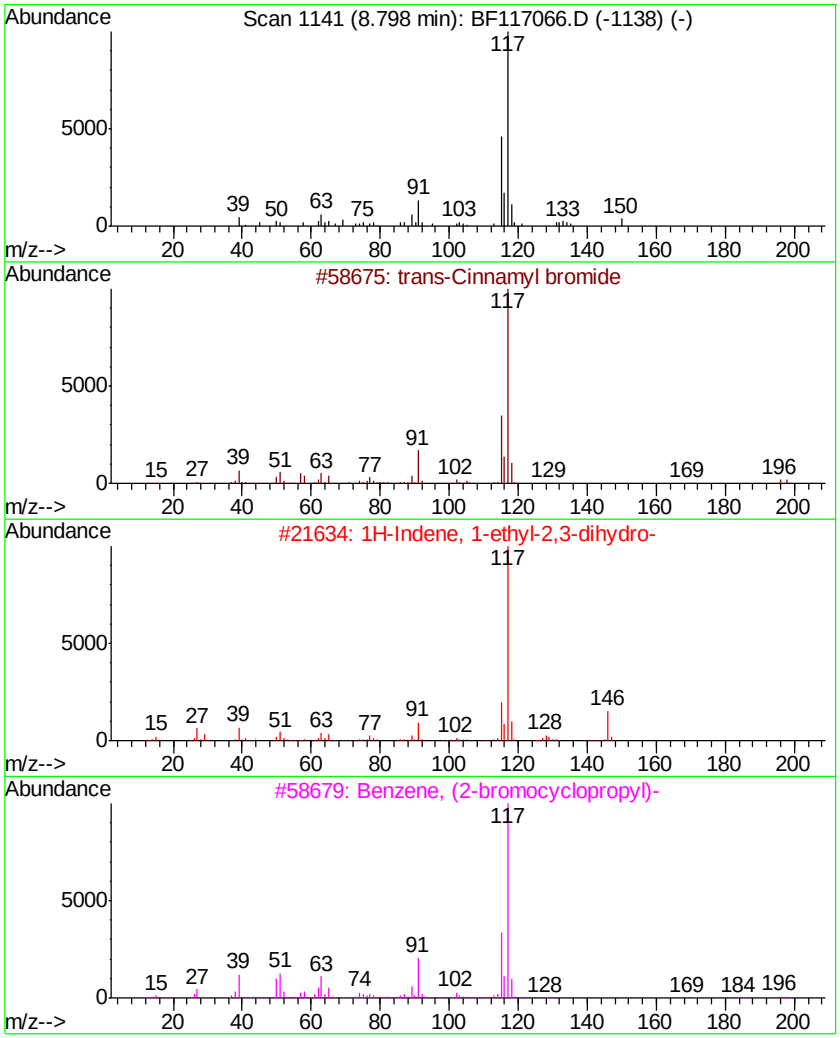
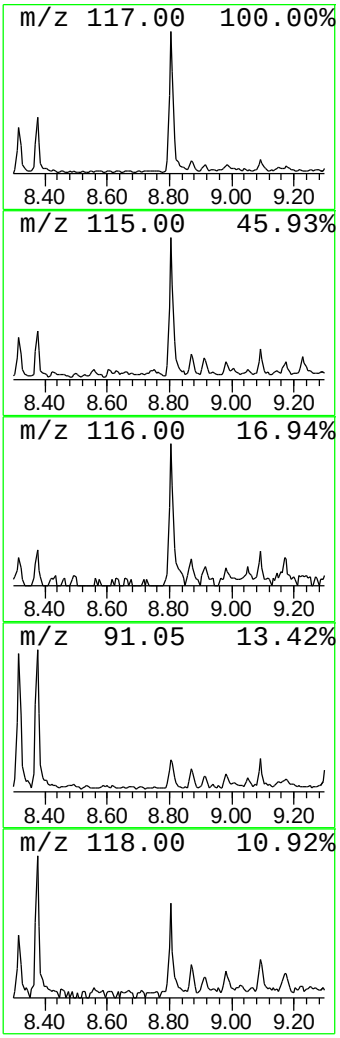
Peak Number 13 trans-Cinnamyl bromide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	6.18 ng	132662	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	47





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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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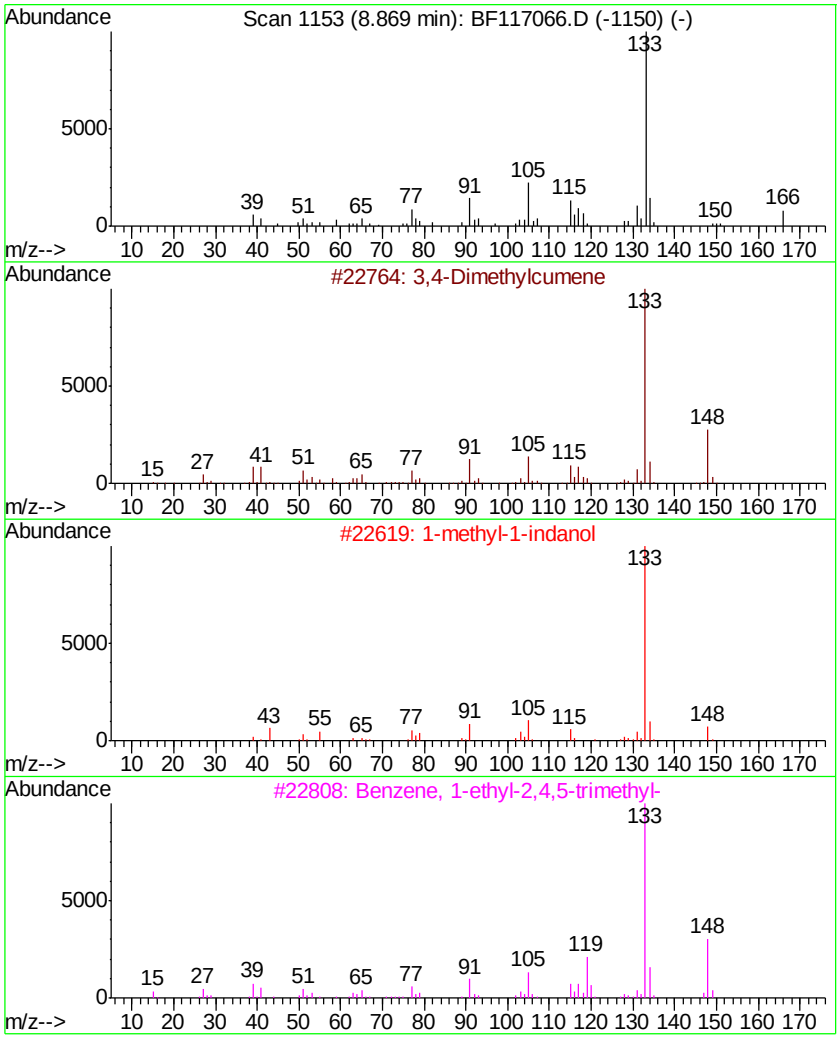
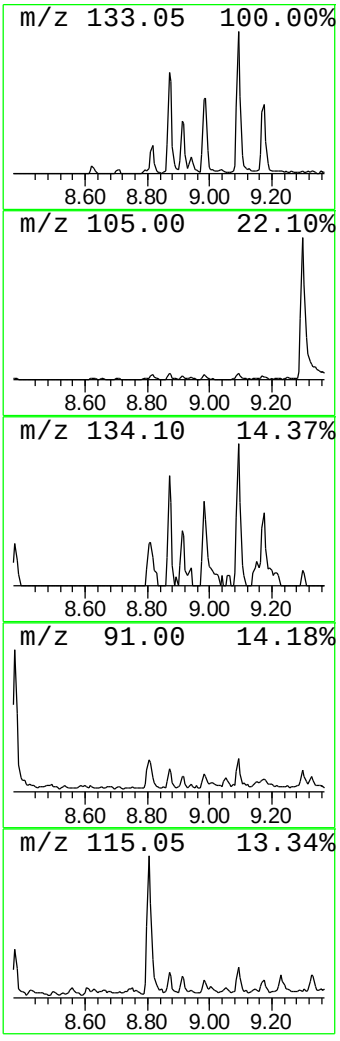
Peak Number 14 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.86 ng	61515	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	78
2	1-methyl-1-indanol	148	C10H12O	064666-42-8	72
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64





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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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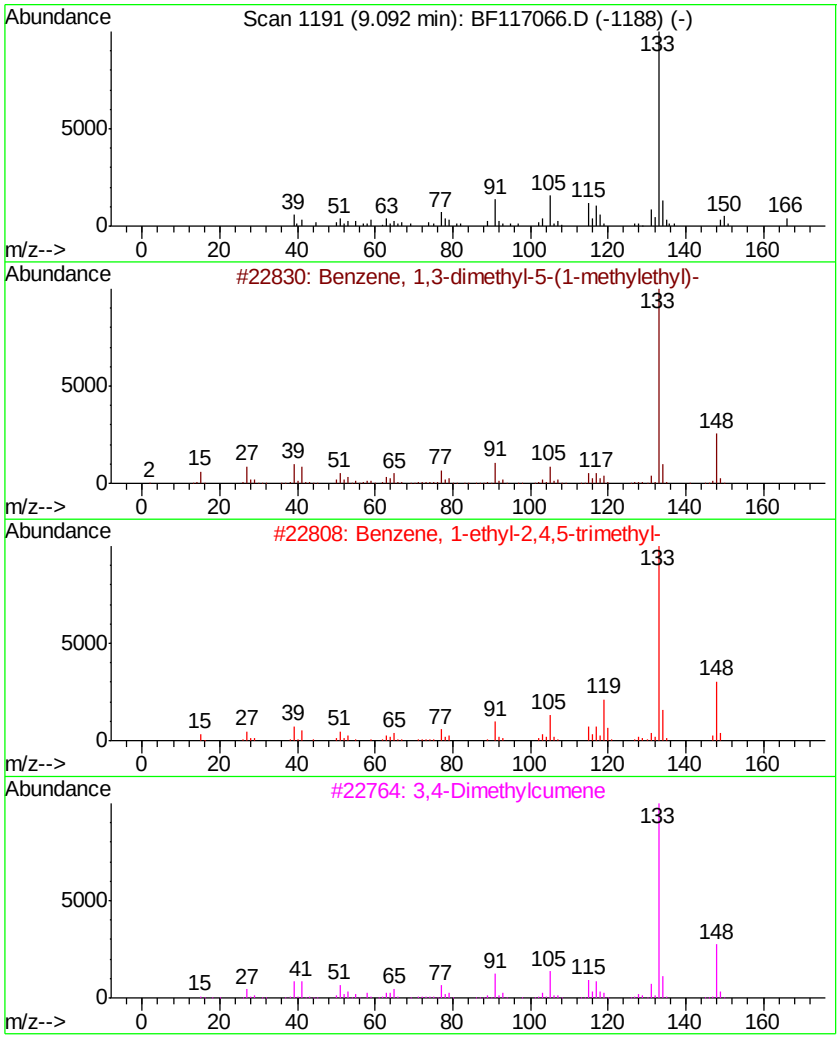
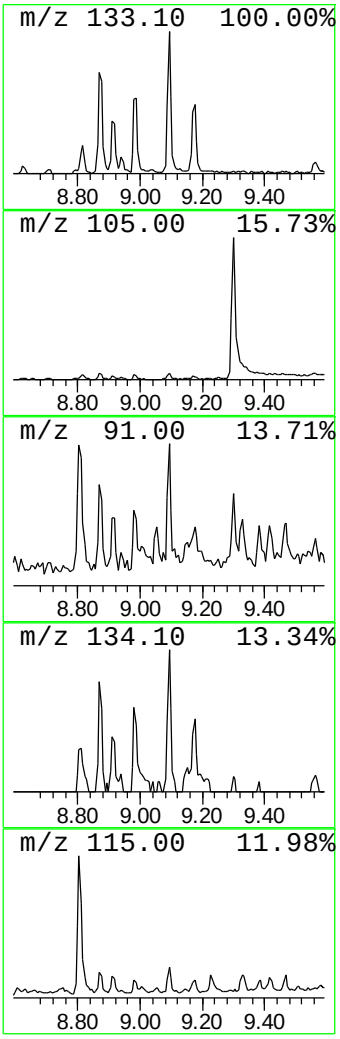
Peak Number 15 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.91 ng	77316	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	72
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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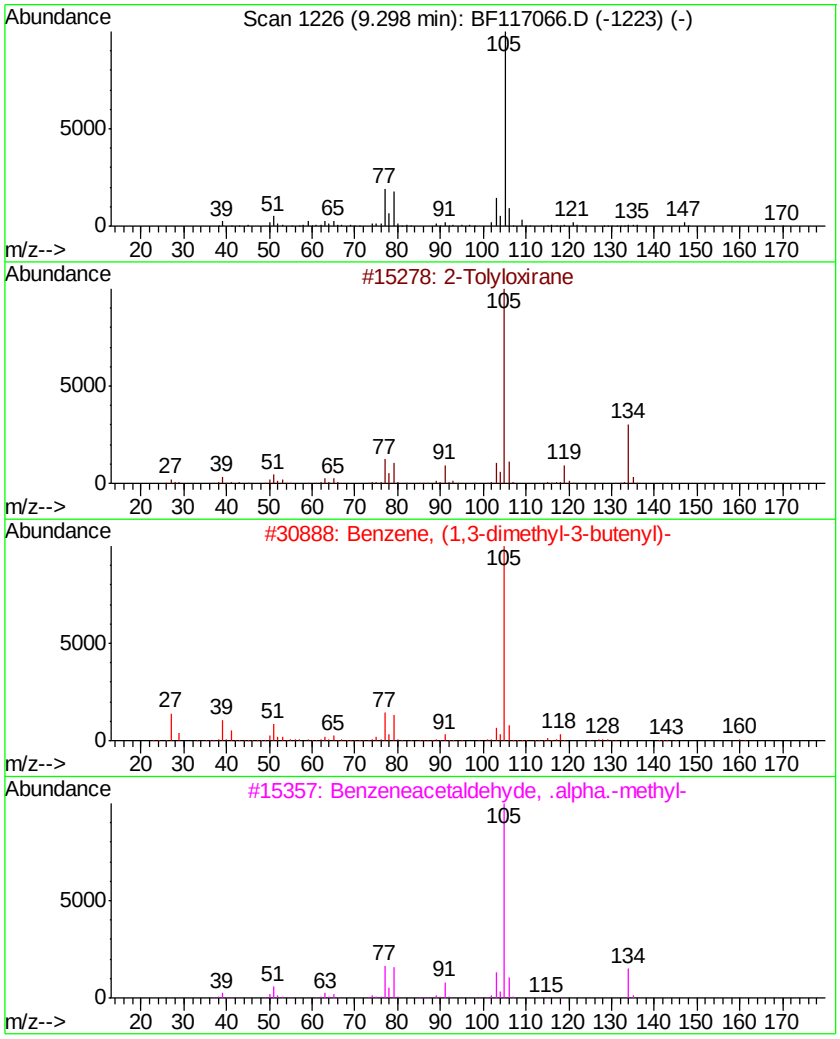
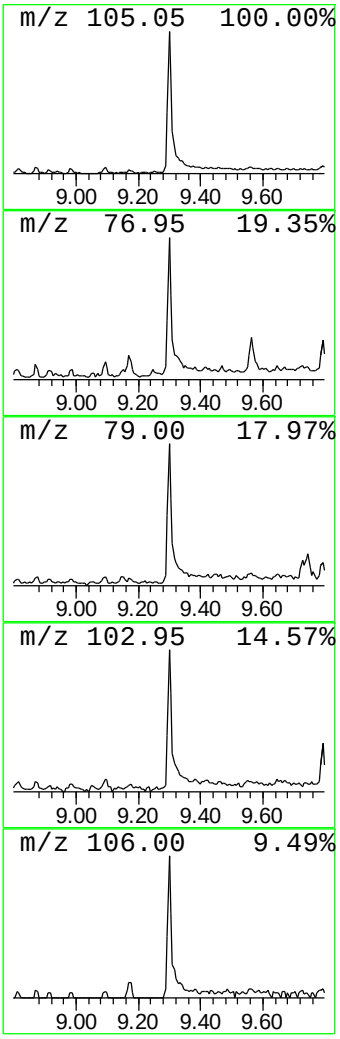
Peak Number 16 2-Tolyloxirane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	9.08 ng	241076	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	72
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
4	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	72
5	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	64





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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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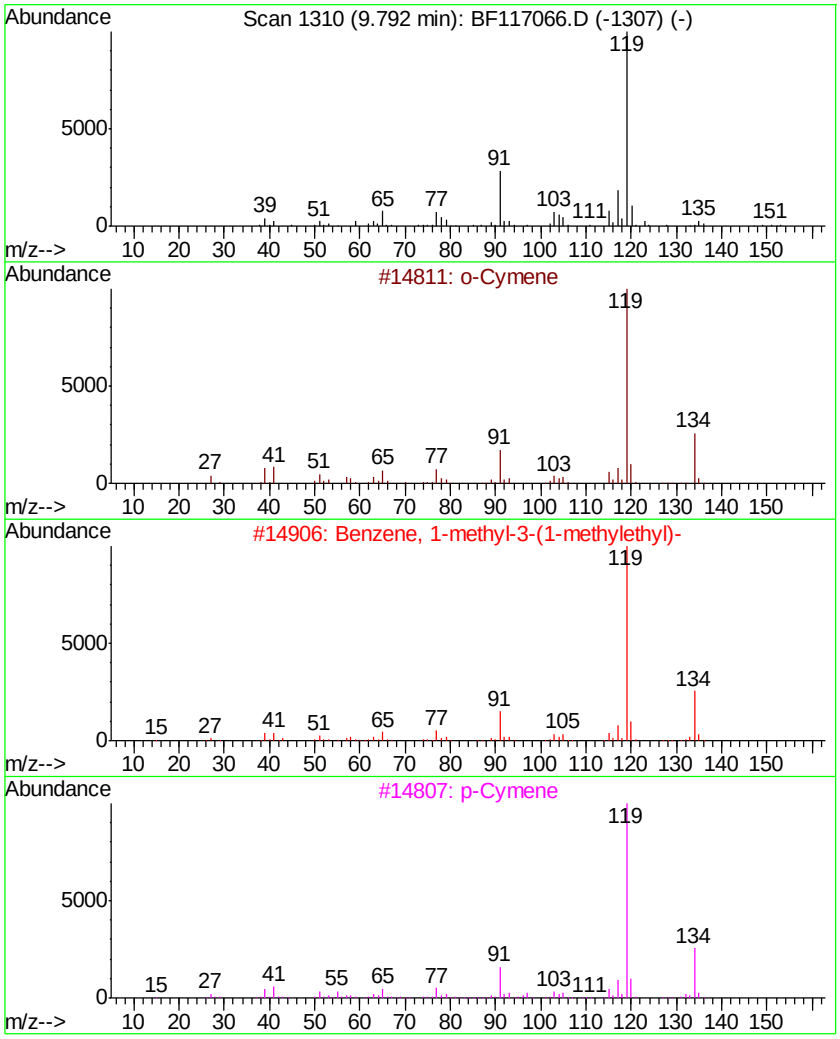
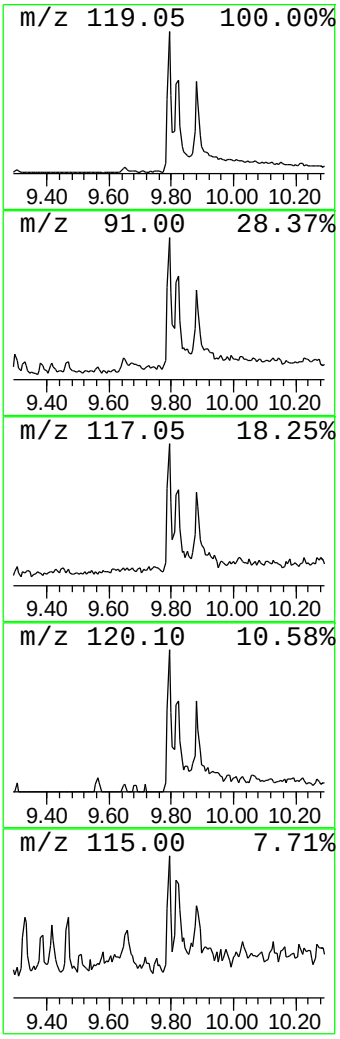
Peak Number 17 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.01 ng	159590	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
3	p-Cymene	134	C10H14	000099-87-6	80
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78





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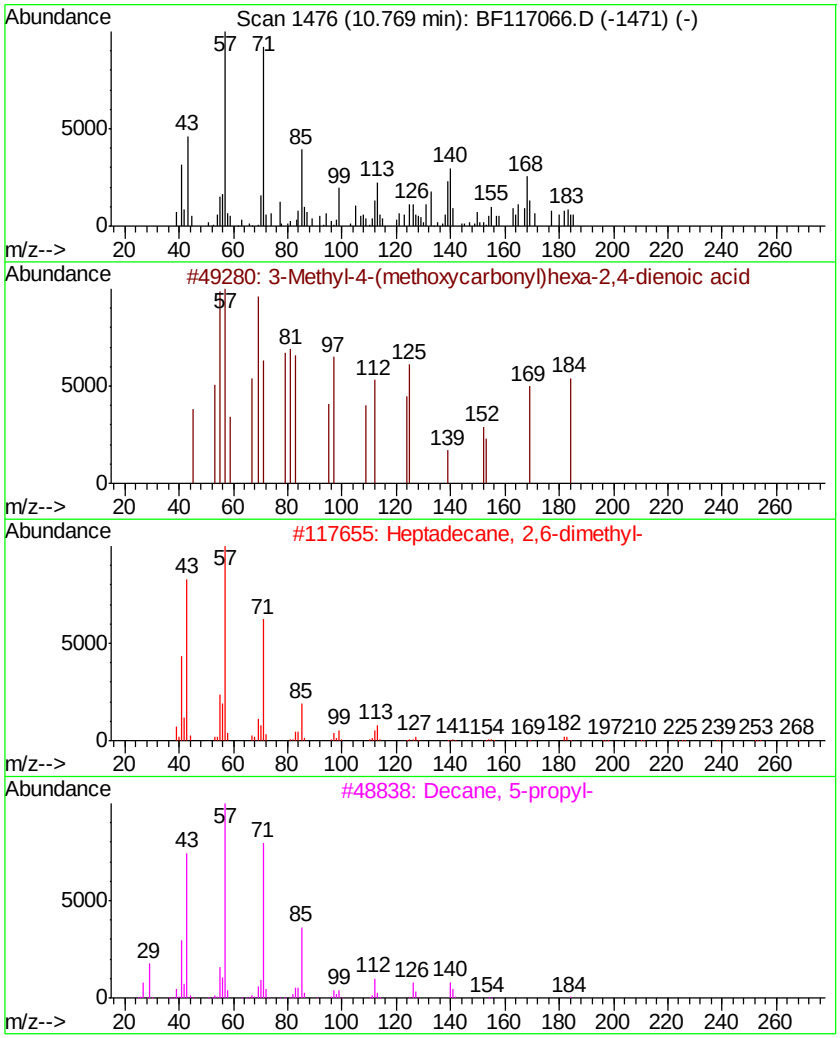
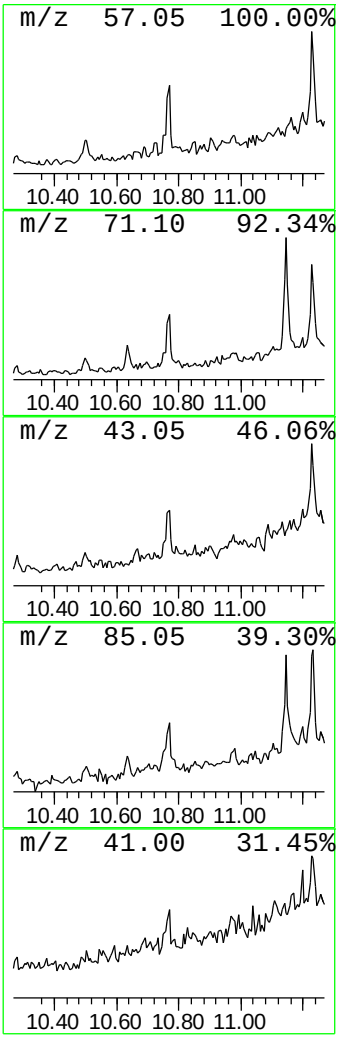
Peak Number 18 3-Methyl-4-(methoxycarbonyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.77 ng	65154	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	74
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47
3	Decane, 5-propyl-	184	C13H28	017312-62-8	43
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35





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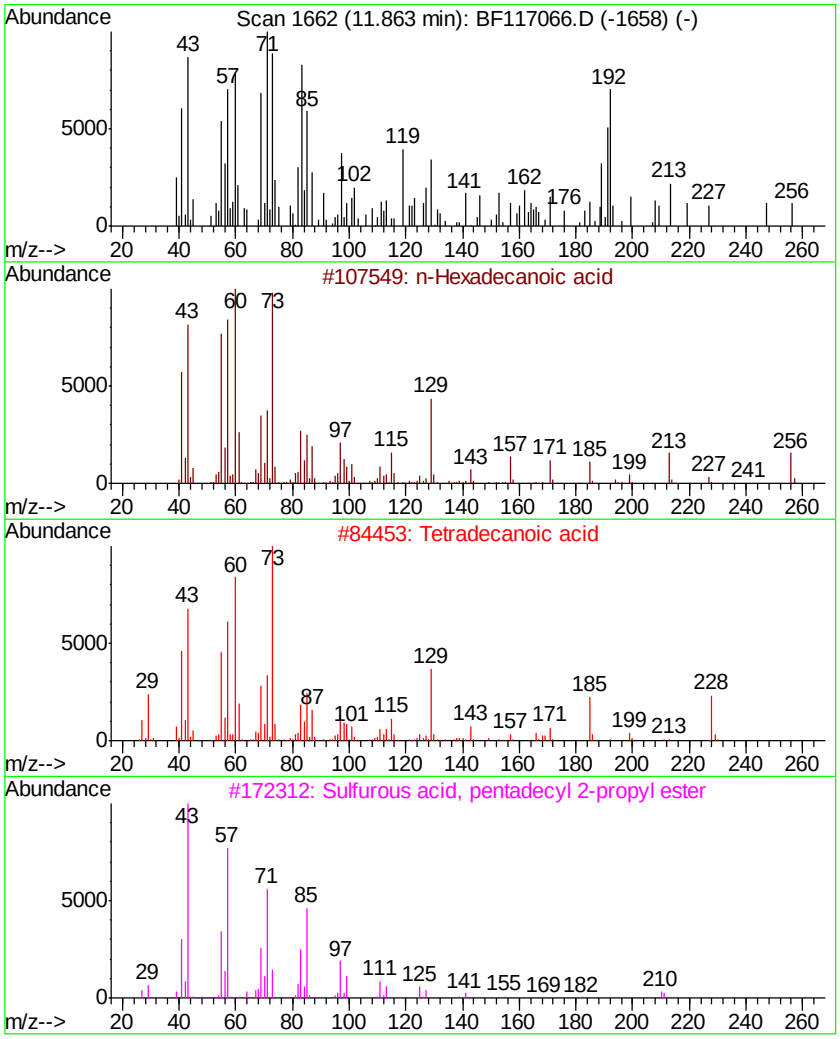
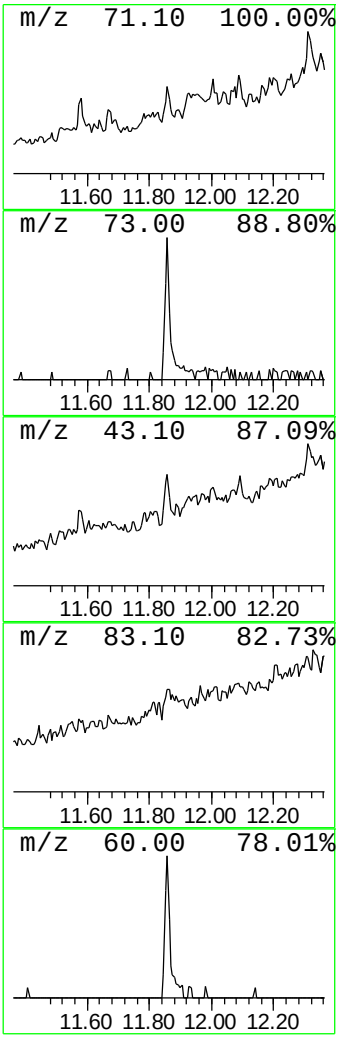
Peak Number 19 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.81 ng	66072	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	35
4	Undecanoic acid	186	C11H22O2	000112-37-8	25
5	Octanoic acid	144	C8H16O2	000124-07-2	22





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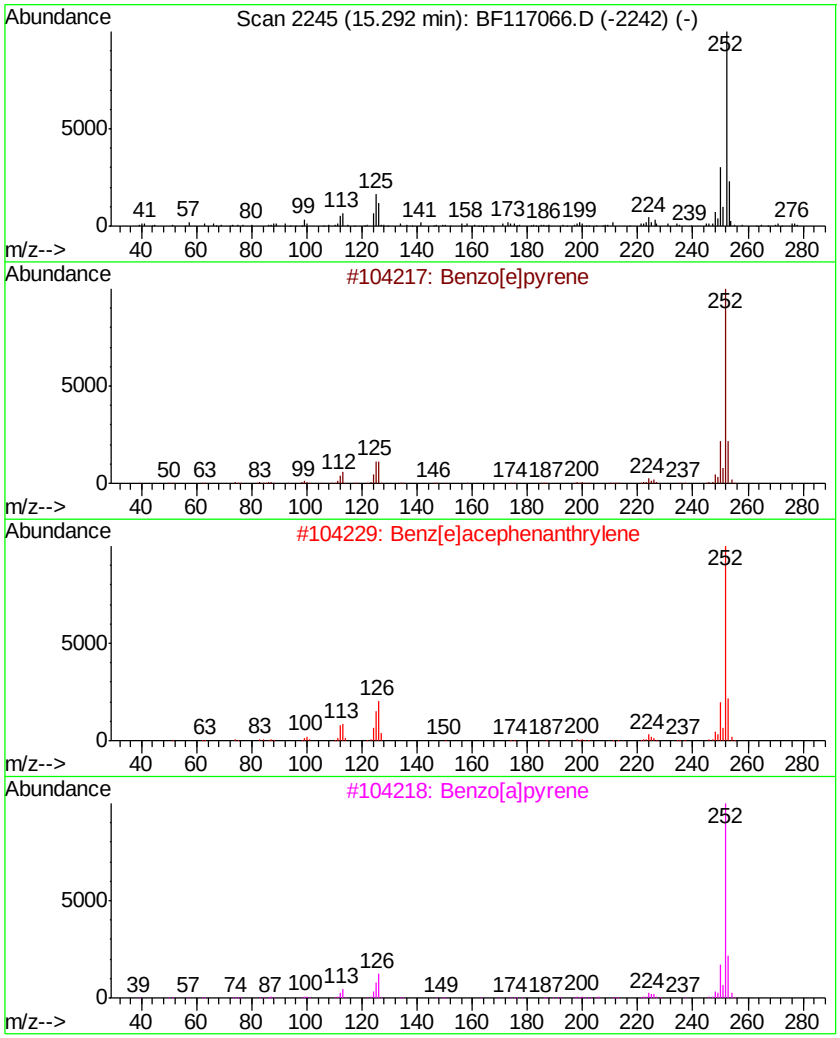
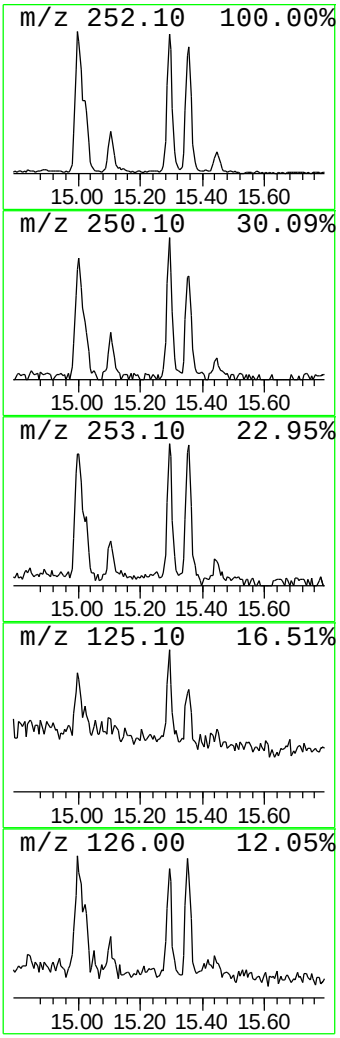
Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	6.56 ng	138815	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
Bicyclo[4.2.0]oct...	5.66	8.1	ng	129298	1	6.82	319693	20.0
unknown6.59	6.59	36.5	ng	583496	1	6.82	319693	20.0
Benzene, 1-etheny...	6.66	13.6	ng	216726	1	6.82	319693	20.0
Benzene, 2-propenyl-	6.70	5.8	ng	92037	1	6.82	319693	20.0
Indene	7.09	10.0	ng	160507	1	6.82	319693	20.0
Benzene, (2-methy...	7.44	6.0	ng	95509	1	6.82	319693	20.0
Benzenemethanethi...	7.67	10.2	ng	217912	2	8.10	429436	20.0
2-Methylindene	7.86	4.2	ng	90575	2	8.10	429436	20.0
Benzene, 1-butynyl-	7.90	9.0	ng	193929	2	8.10	429436	20.0
Benzene, 1-methyl...	8.32	9.9	ng	213574	2	8.10	429436	20.0
o-Cymene	8.37	10.7	ng	230381	2	8.10	429436	20.0
trans-Cinnamyl br...	8.80	6.2	ng	132662	2	8.10	429436	20.0
3,4-Dimethylcumene	8.87	2.9	ng	61515	2	8.10	429436	20.0
Benzene, 1,3-dime...	9.09	2.9	ng	77316	3	9.85	531027	20.0
2-Tolyloxirane	9.30	9.1	ng	241076	3	9.85	531027	20.0
p-Cymene	9.79	6.0	ng	159590	3	9.85	531027	20.0
3-Methyl-4-(metho...	10.77	2.8	ng	65154	4	11.33	470207	20.0
n-Hexadecanoic acid	11.86	2.8	ng	66072	4	11.33	470207	20.0
Benzo[e]pyrene	15.29	6.6	ng	138815	6	15.42	423149	20.0