LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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-BF061219.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	2.210	7	21	29	rVB4	83965	238798	3.07%	0.260%
2	2.399	48	53	60	rVB2	75324	136075	1.75%	0.148%
3	2.775	113	117	123	rVB	55547	88070	1.13%	0.096%
4	3.169	173	184	189	rBV5	29326	90446	1.16%	0.098%
5	3.322	199	210	217	rBV4	39078	100962	1.30%	0.110%
6	3.651	258	266	272	rBV	80611	134055	1.72%	0.146%
7	4.240	361	366	372	rBV3	62453	100674	1.29%	0.109%
8	4.351	378	385	390	rBV2	176238	250822	3.22%	0.273%
9	5.104	506	513	517	rVB	83537	98984	1.27%	0.108%
10	5.251	534	538	541	rBV	3203769	2877010	36.96%	3.127%
11	5.816	629	634	637	rBV	4216444	3929379	50.47%	4.271%
12	6.104	680	683	687	rVB	1858405	1654403	21.25%	1.798%
13	6.281	709	713	719	rBV	2012546	1980129	25.44%	2.152%
14	6.334	719	722	725	rVB	142139	119491	1.53%	0.130%
15	6.416	731	736	739	rBV	5579235	5400128	69.37%	5.870%
16	6.451	739	742	745	rVB	105974	94426	1.21%	0.103%
17	6.610	759	769	771	rBV2	464265	615878	7.91%	0.669%
18	6.645	771	775	779	rVV	1894792	1515238	19.46%	1.647%
19	6.710	783	786	788	rVV	463081	398057	5.11%	0.433%
20	6.804	797	802	804	rBV	5610801	5507632	70.75%	5.987%
21	6.828	804	806	810	rVB	3241432	2689920	34.55%	2.924%
22	6.904	815	819	822	rVV	869389	691576	8.88%	0.752%
23	6.975	827	831	833	rBV	564491	518098	6.66%	0.563%
24	6.992	833	834	838	rVB	299595	239475	3.08%	0.260%
25	7.045	840	843	846	rBV	102946	104547	1.34%	0.114%
26	7.216	859	872	882	rBV3	4015245	7525325	96.66%	8.180%
27	7.298	882	886	890	rBV3	277116	328052	4.21%	0.357%
28	7.339	890	893	896	rVB	283018	260977	3.35%	0.284%
29	7.422	901	907	910	rBV	960480	982495	12.62%	1.068%
30	7.498	918	920	923	rVB	100962	80581	1.04%	0.088%
31	7.545	923	928	931	rBV2	170337	169692	2.18%	0.184%
32	7.604	931	938	941	rBV3	1067037	1323446	17.00%	1.439%
33	7.675	945	950	954	rBV2	3640038	3780788	48.57%	4.110%
34	7.710	954	956	960	rVV2	125511	115965	1.49%	0.126%

LSC Area Percent Report

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Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.745	960	962	963	rVV	103638	81364	1.05%	0.088%
36	7.769	963	966	969	rVB	430311	399734	5.13%	0.435%
37	7.804	969	972	976	rVB	170907	161826	2.08%	0.176%
38	7.898	980	988	989	rBV2	241420	335904	4.31%	0.365%
39	7.928	989	993	995	rVV2	2822324	2805166	36.03%	3.049%
40	7.951	995	997	1000	rVV3	1025186	975331	12.53%	1.060%
41	7.981	1000	1002	1005	rVB	654215	521848	6.70%	0.567%
42	8.022	1005	1009	1013	rVB2	137633	179618	2.31%	0.195%
43	8.063	1013	1016	1018	rBV	132234	112689	1.45%	0.122%
44	8.092	1018	1021	1023	rBV	215027	188803	2.43%	0.205%
45	8.128	1023	1027	1031	rBV	579646	492358	6.32%	0.535%
46	8.175	1031	1035	1037	rBV	409361	360326	4.63%	0.392%
47	8.210	1037	1041	1044	rBV2	234510	273870	3.52%	0.298%
48	8.316	1055	1059	1062	rVB	383051	395597	5.08%	0.430%
49	8.398	1069	1073	1075	rBV	389143	315456	4.05%	0.343%
50	8.433	1075	1079	1083	rVV	929322	797643	10.25%	0.867%
51	8.492	1085	1089	1091	rVB2	197784	159025	2.04%	0.173%
52	8.516	1091	1093	1097	rBV2	148737	137311	1.76%	0.149%
53	8.563	1097	1101	1102	rVV4	68020	95021	1.22%	0.103%
54	8.586	1102	1105	1108	rVB	875528	780173	10.02%	0.848%
55	8.639	1108	1114	1117	rBV2	848363	851985	10.94%	0.926%
56	8.739	1126	1131	1135	rBV	2726293	2740327	35.20%	2.979%
57	8.769	1135	1136	1142	rVB2	163619	215450	2.77%	0.234%
58	8.833	1142	1147	1148	rBV3	74752	99163	1.27%	0.108%
59	8.916	1159	1161	1164	rVB3	166182	139091	1.79%	0.151%
60	9.004	1171	1176	1179	rBV	7249480	7784967	100.00%	8.462%
61	9.151	1197	1201	1204	rBV	153406	157495	2.02%	0.171%
62	9.192	1204	1208	1213	rVB	261454	428055	5.50%	0.465%
63	9.263	1215	1220	1224	rBV2	493545	695196	8.93%	0.756%
64	9.333	1227	1232	1235	rBV	948196	993332	12.76%	1.080%
65	9.363	1235	1237	1241	rVB2	715673	635622	8.16%	0.691%
66	9.392	1241	1242	1245	rVB	134371	102228	1.31%	0.111%
67	9.451	1249	1252	1254	rBV	391898	337160	4.33%	0.366%
68	9.533	1261	1266	1269	rVB	227979	201504	2.59%	0.219%
69	9.675	1284	1290	1293	rBV	2594767	2489900	31.98%	2.707%
70	9.716	1293	1297	1300	rVB3	108263	126631	1.63%	0.138%
71	9.775	1304	1307	1313	rVV2	206716	262543	3.37%	0.285%

LSC Area Percent Report

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Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.875	1321	1324	1327	rBV2	177141	188131	2.42%	0.205%
73	9.904	1327	1329	1333	rVB2	99072	111406	1.43%	0.121%
74	9.992	1340	1344	1347	rBV3	107777	131815	1.69%	0.143%
75	10.098	1355	1362	1365	rBV3	74438	122813	1.58%	0.133%
76	10.151	1365	1371	1379	rVB7	84795	210958	2.71%	0.229%
77	10.216	1379	1382	1384	rBV2	118574	103081	1.32%	0.112%
78	10.457	1418	1423	1427	rBV	4323054	4585826	58.91%	4.985%
79	11.145	1536	1540	1544	rBV	2667494	2274540	29.22%	2.472%
80	11.692	1629	1633	1644	rBV2	362313	429853	5.52%	0.467%
81	12.398	1747	1753	1761	rBV7	52256	125106	1.61%	0.136%
82	12.474	1763	1766	1778	rVB	134173	177165	2.28%	0.193%
83	12.733	1805	1810	1813	rBV	7263357	7366383	94.62%	8.007%
84	13.686	1967	1972	1982	rBV5	44712	147091	1.89%	0.160%
85	13.768	1982	1986	1993	rVB	1877578	1803358	23.16%	1.960%
86	14.557	2116	2120	2123	rBV	119144	108975	1.40%	0.118%
87	14.857	2167	2171	2177	rBV	121340	144663	1.86%	0.157%
88	15.145	2215	2220	2225	rBV	1349771	1559936	20.04%	1.696%
89	15.198	2225	2229	2238	rVB	128137	162301	2.08%	0.176%
90	15.586	2290	2295	2301	rVB	105873	143224	1.84%	0.156%
91	16.027	2365	2370	2379	rBV2	67266	127163	1.63%	0.138%

Sum of corrected areas: 91995094

LSC Report - Integrated Chromatogram

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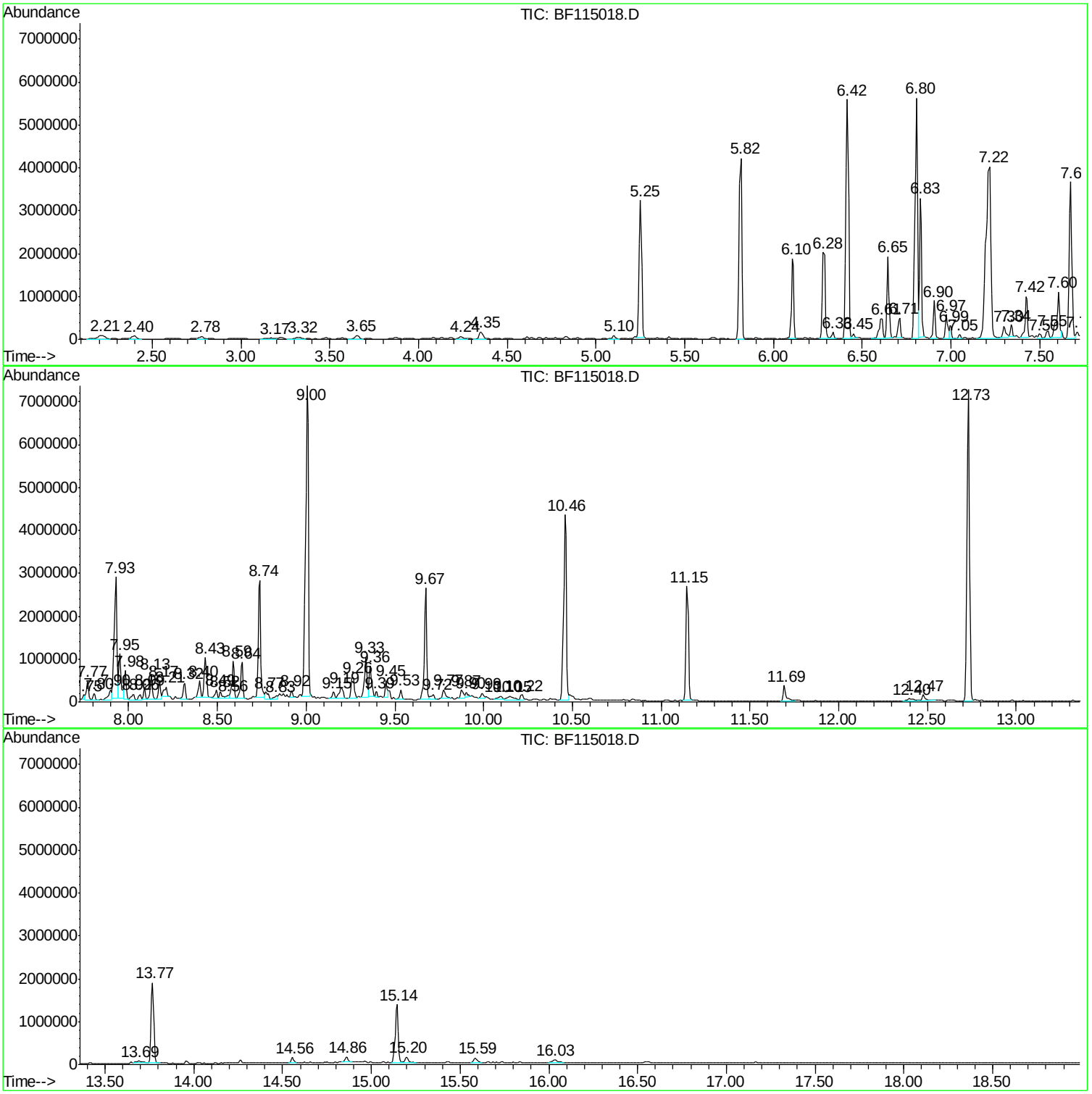
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
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Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

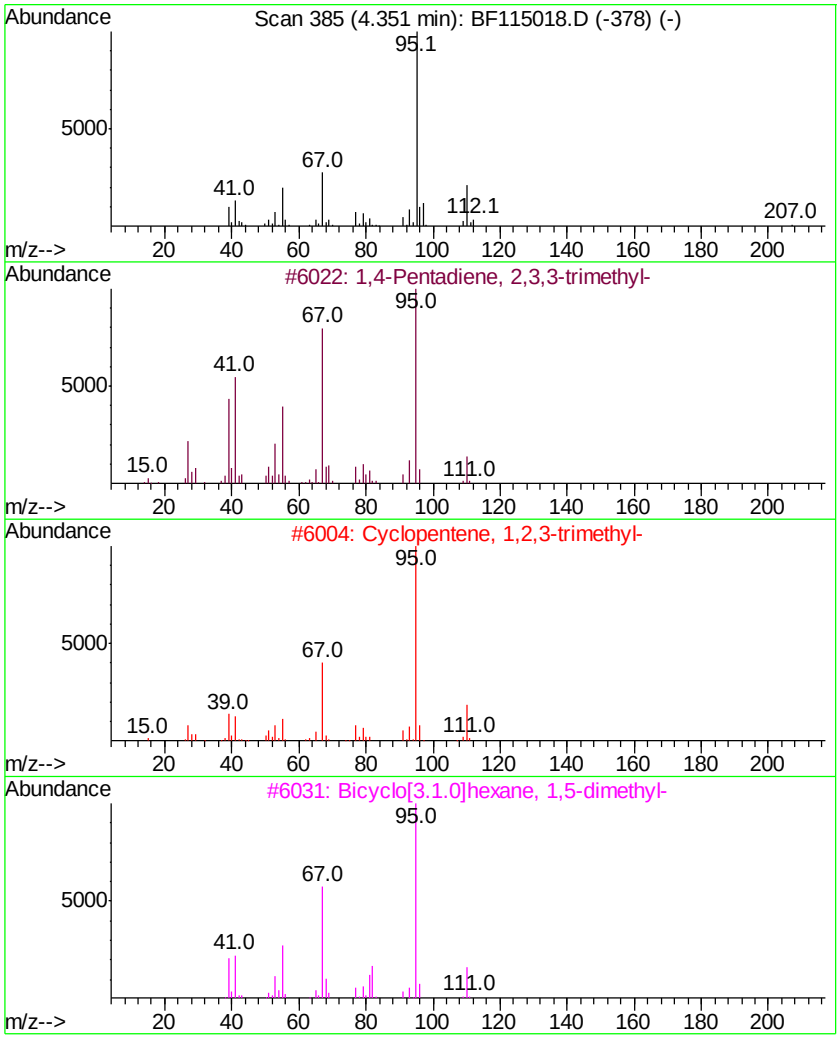
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

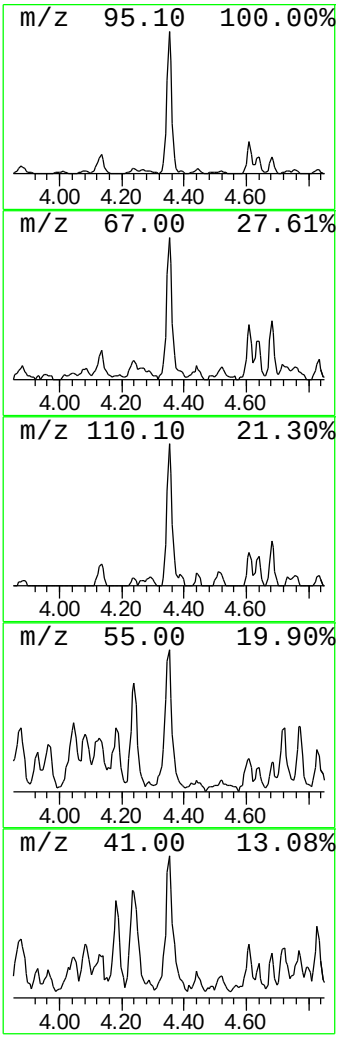
****

Peak Number 1 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	3.31 ng	250822	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	90
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	90
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	86
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	83





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

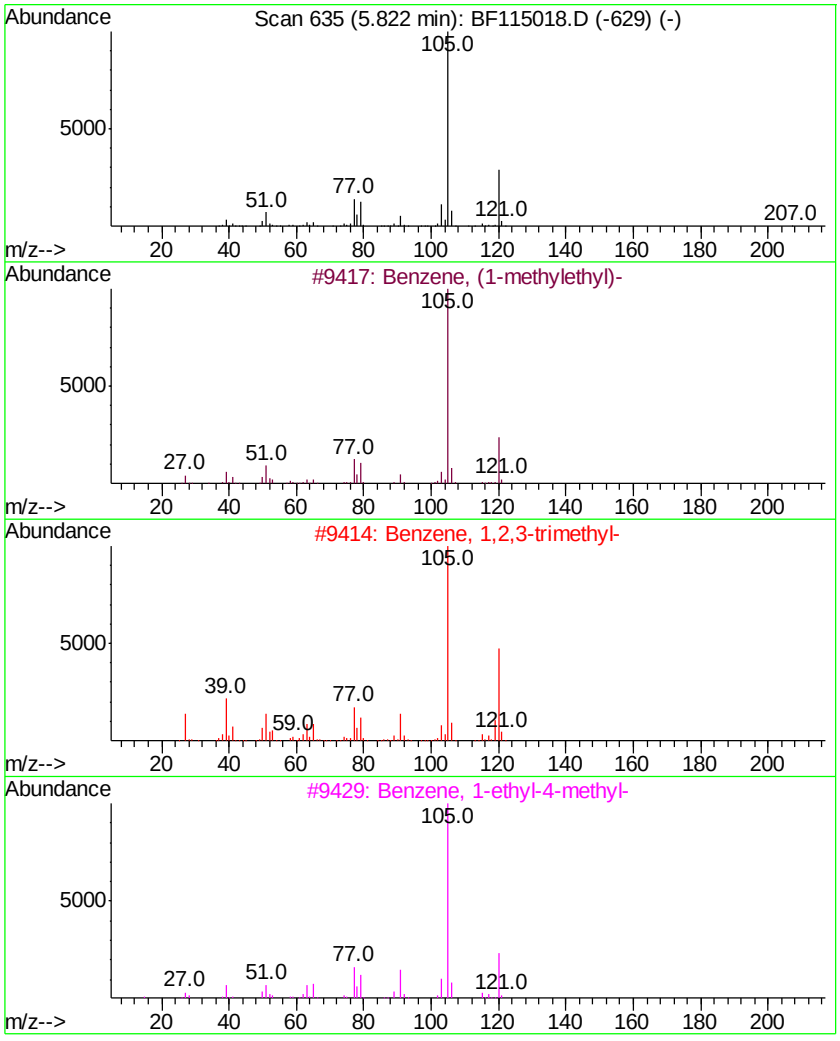
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

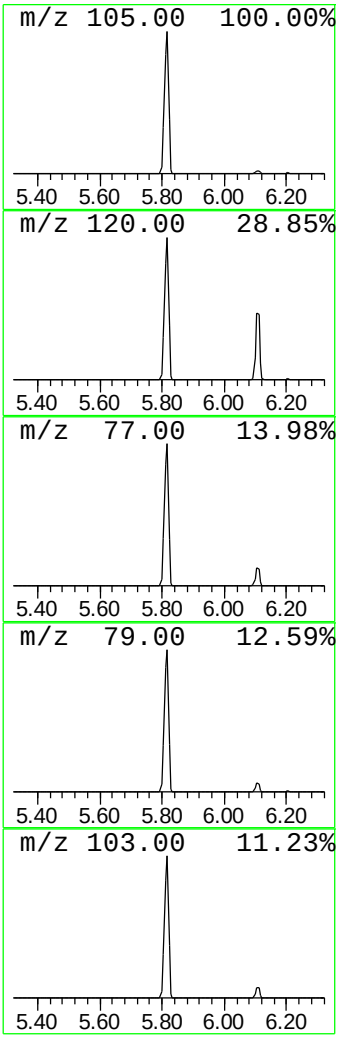
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	51.86 ng	3929380	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	78
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





Library Search Compound Report

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Data File : BF115018.D
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Sample : K3345-12
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Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

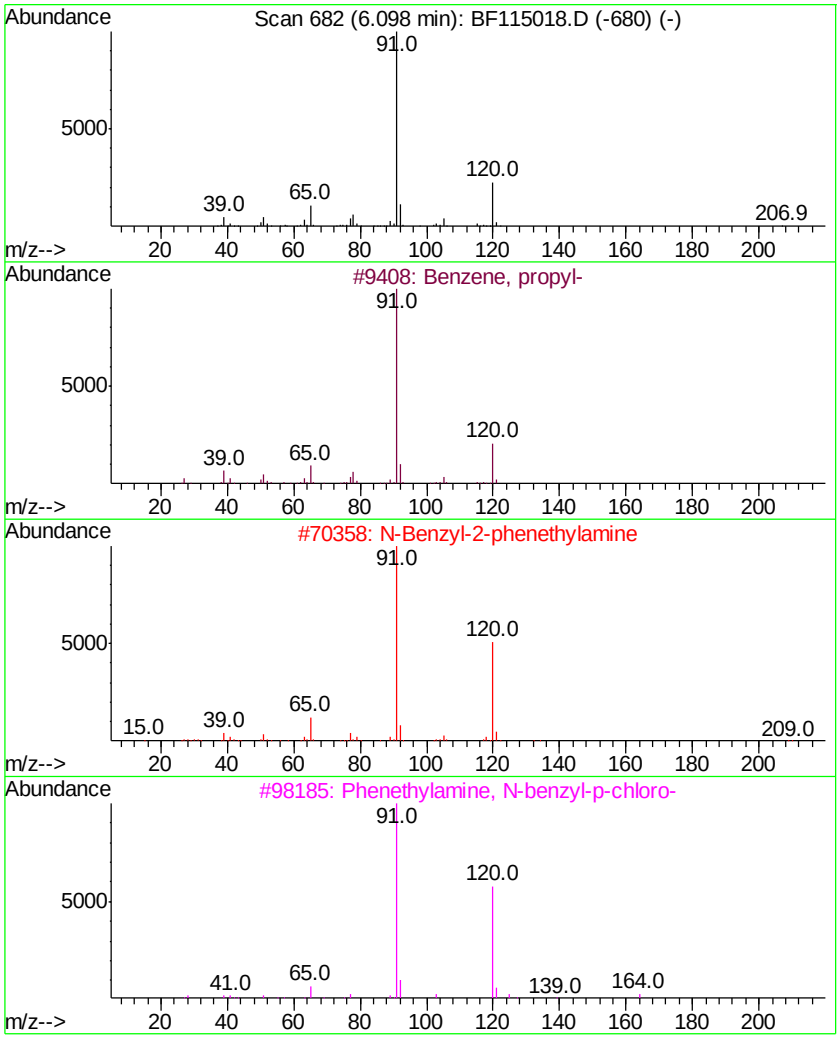
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

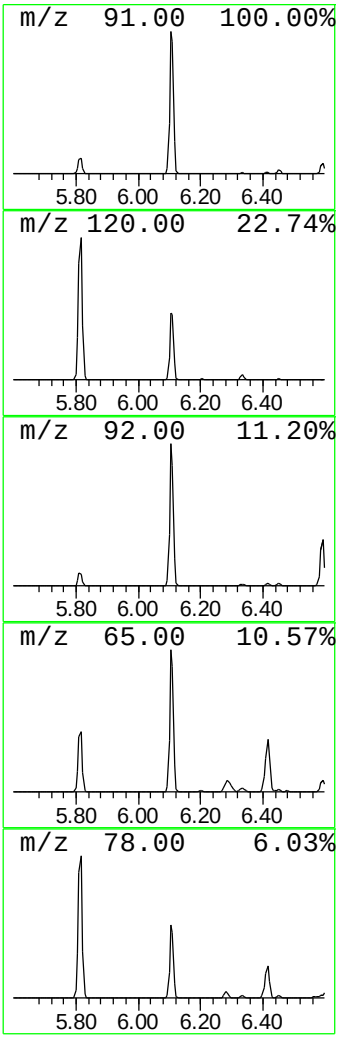
****

Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	21.84 ng	1654400	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

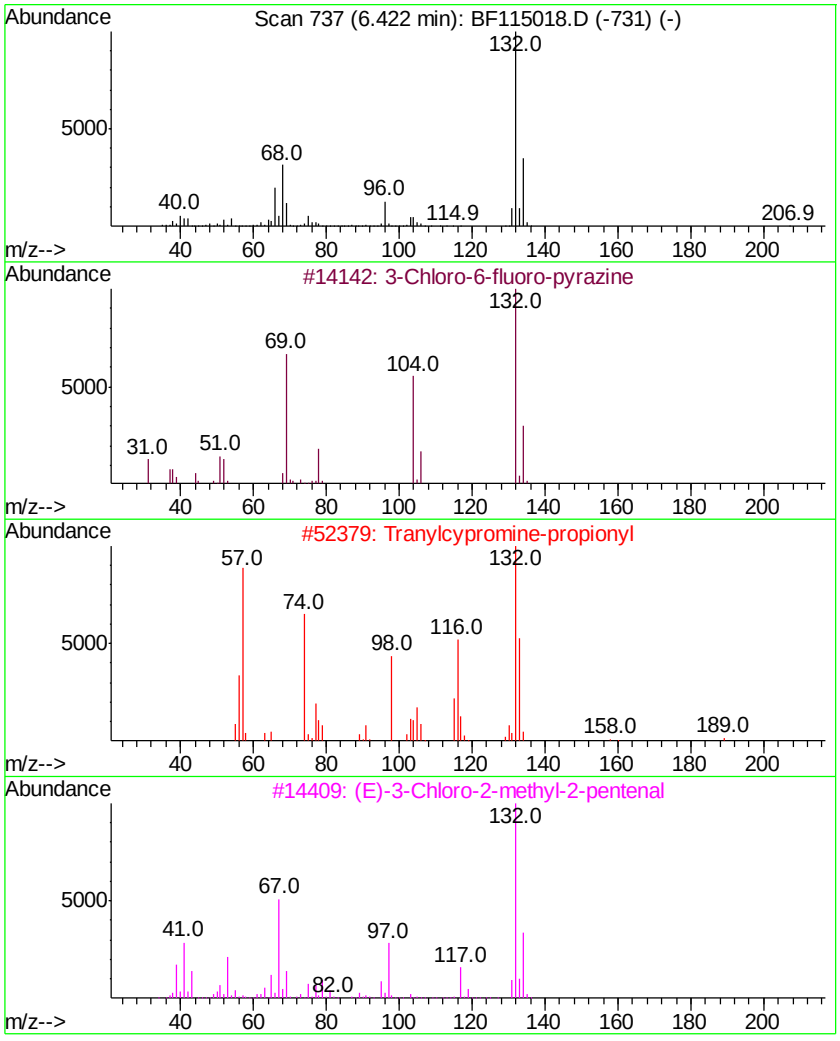
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

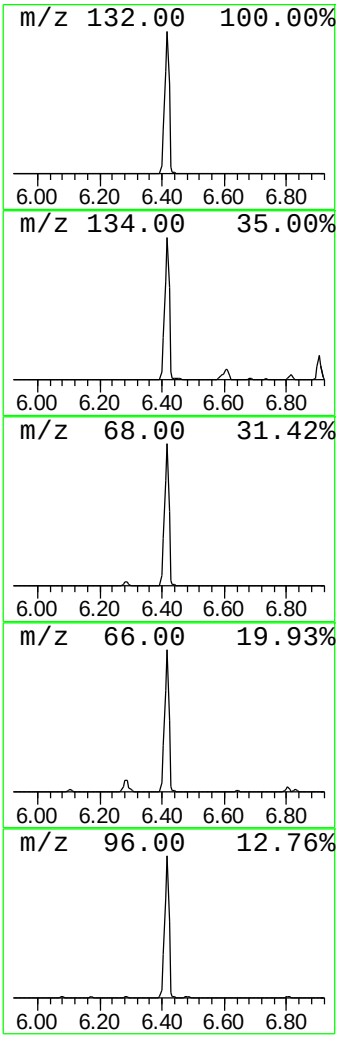
****

Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	71.28 ng	5400130	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

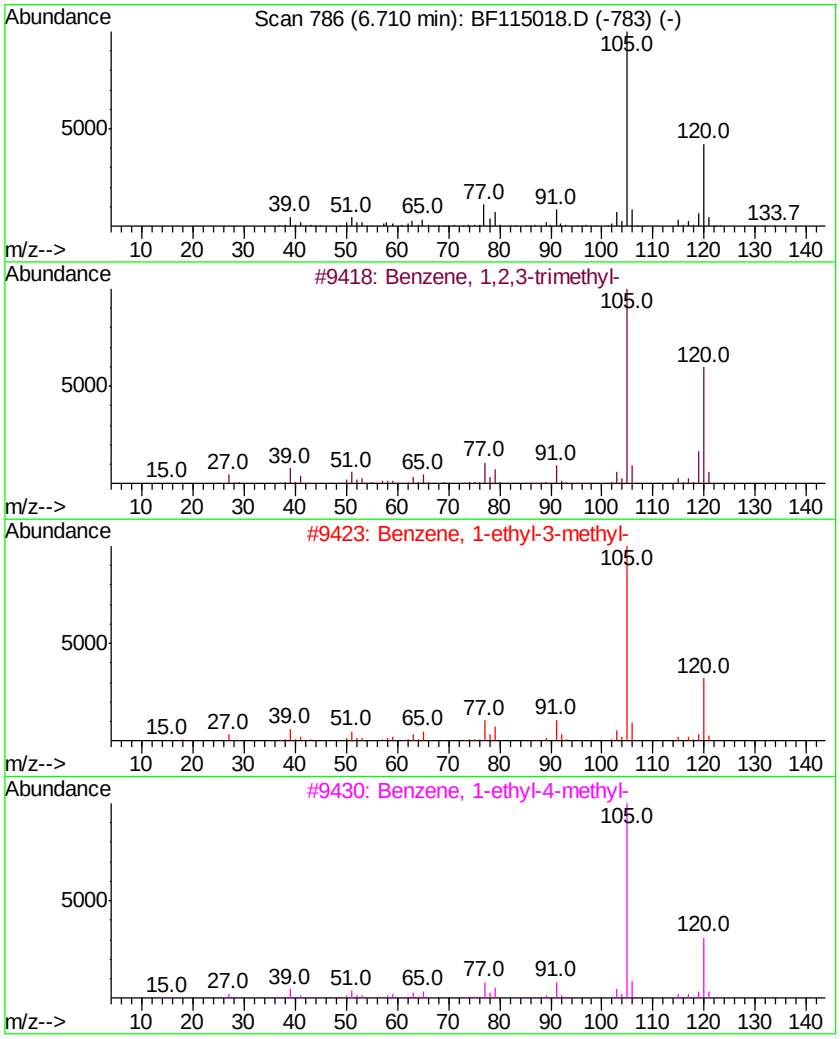
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

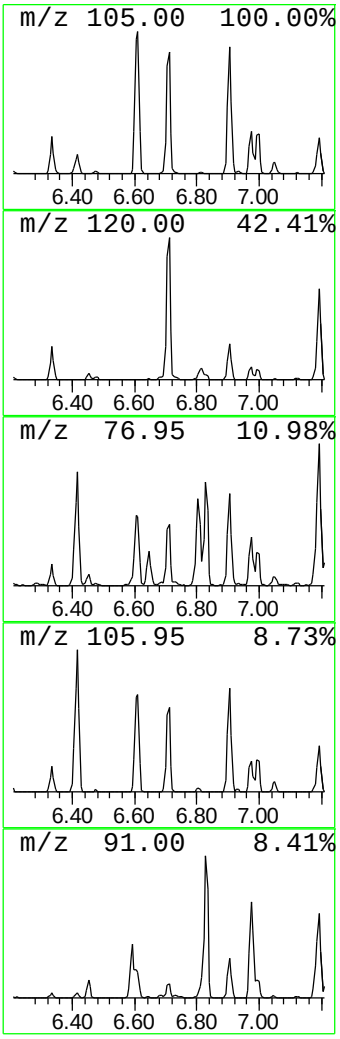
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	5.25 ng	398057	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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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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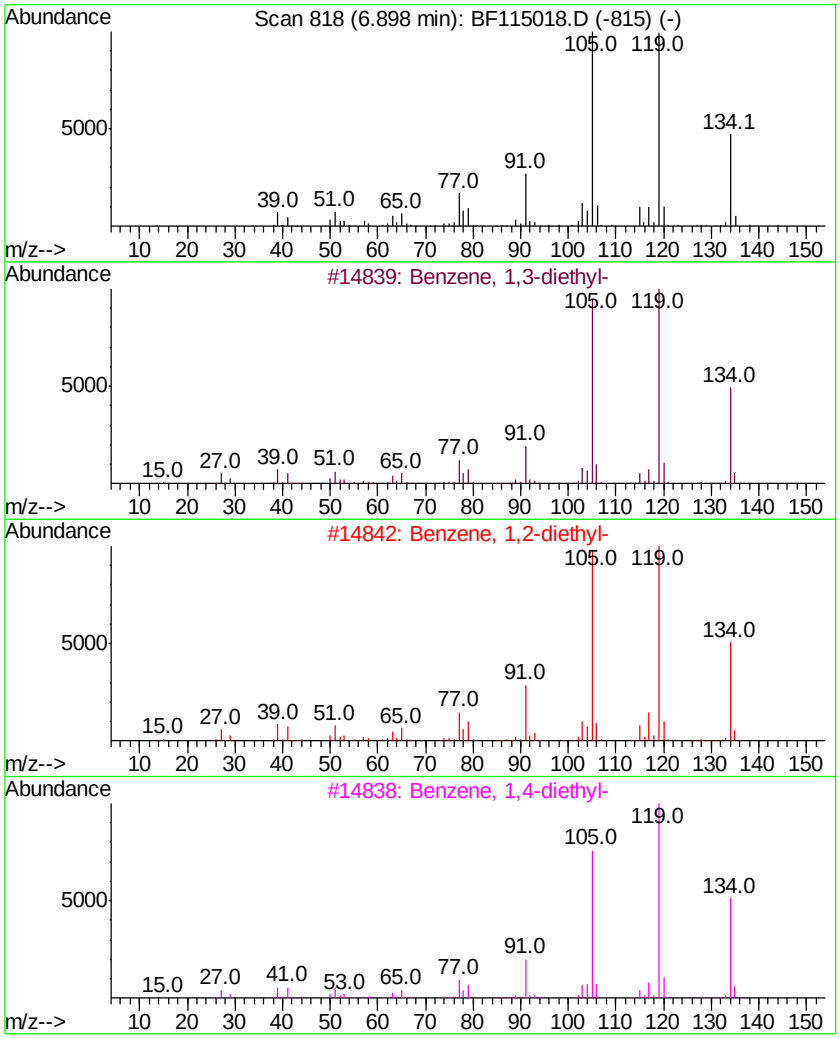
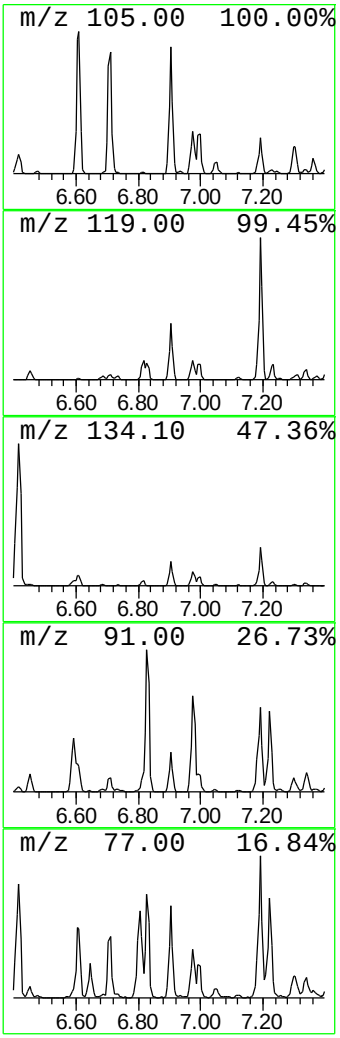
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	9.13 ng	691576	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	o-Cymene	134	C10H14	000527-84-4	81





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Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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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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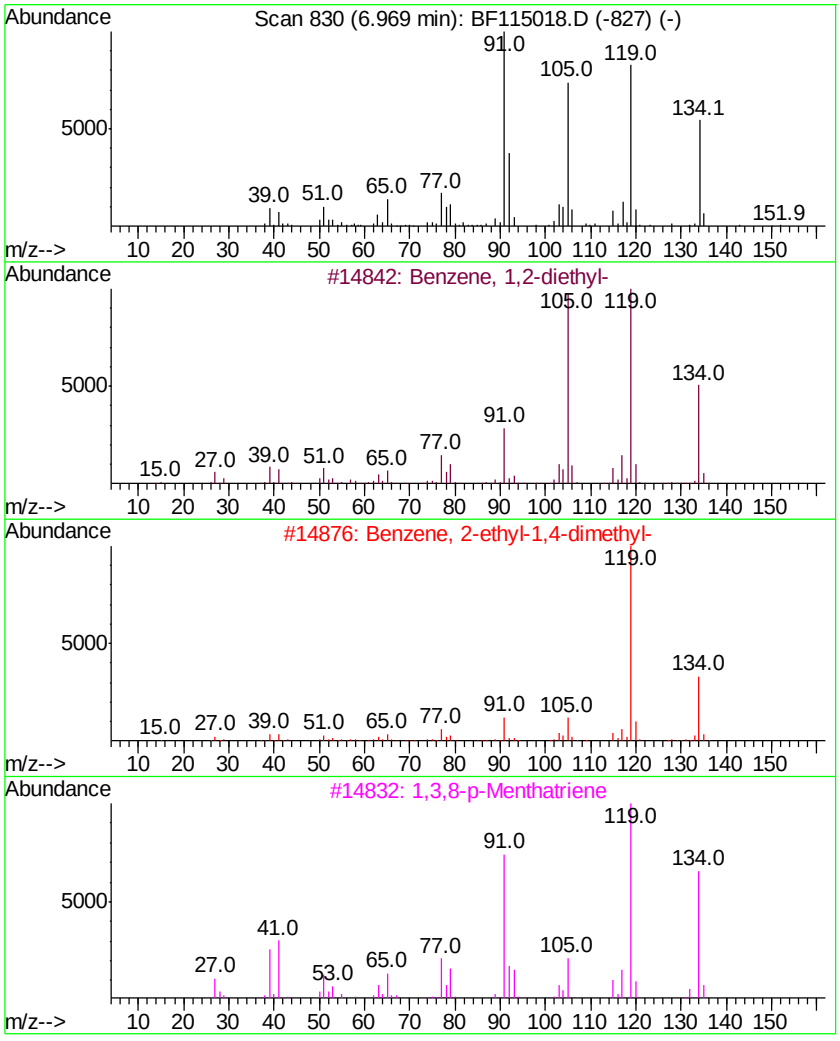
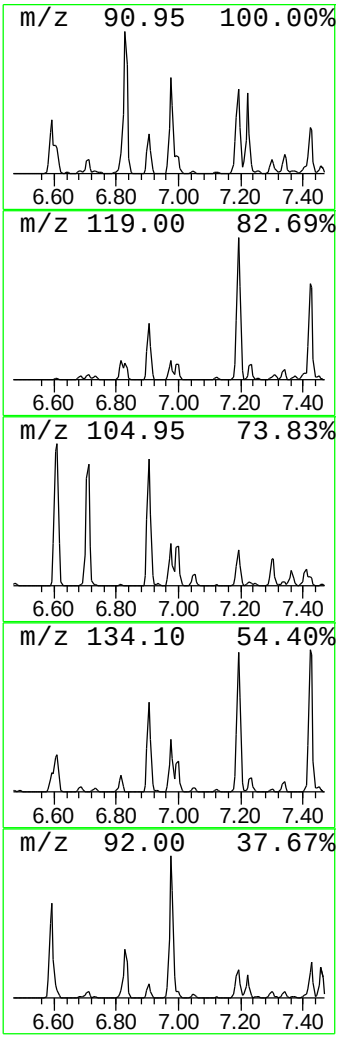
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	6.84 ng	518098	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	76
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





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ALS Vial : 14 Sample Multiplier: 1

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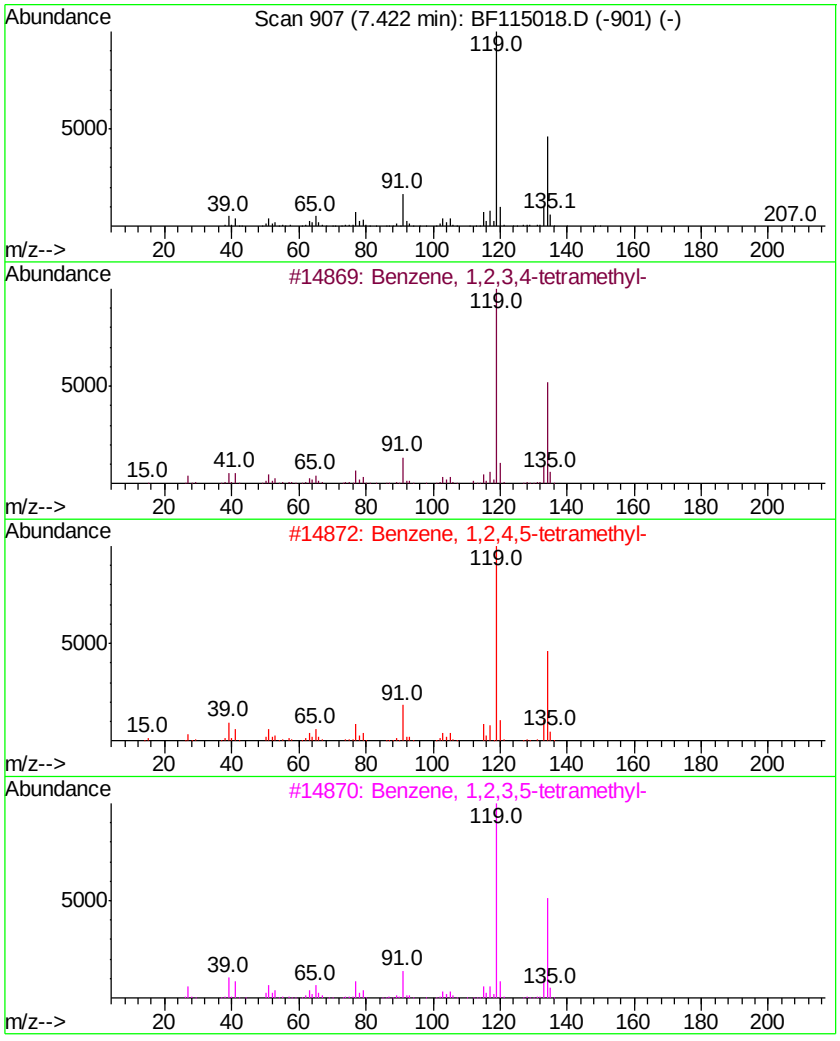
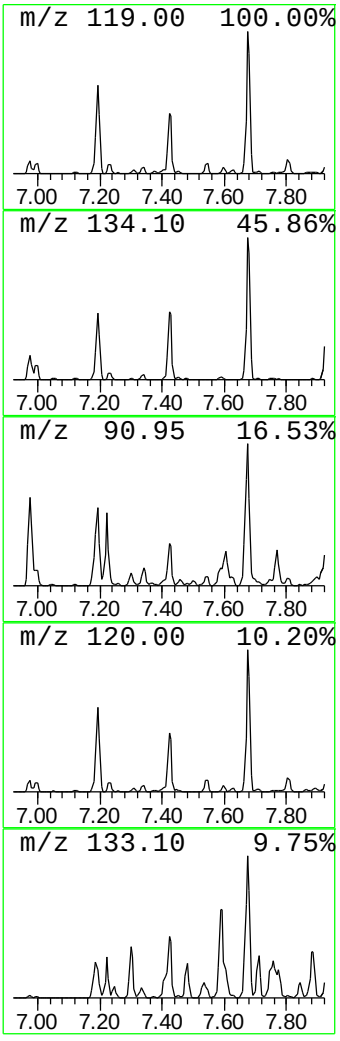
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	7.00 ng	982495	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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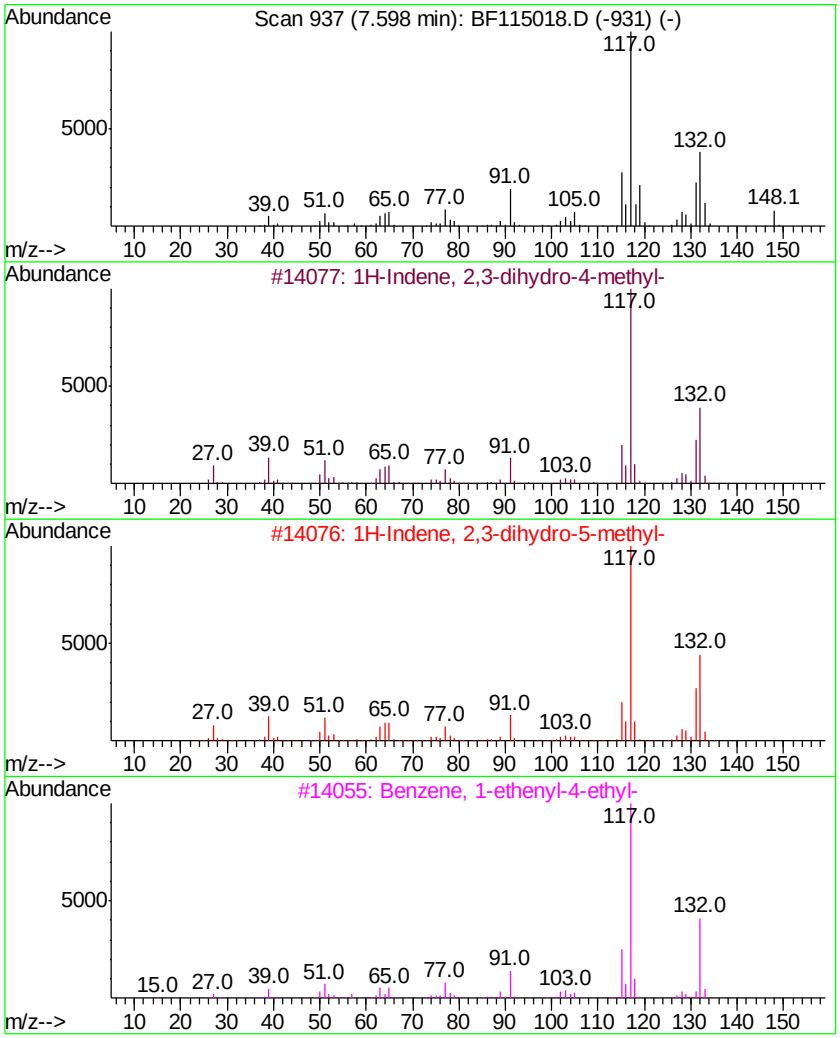
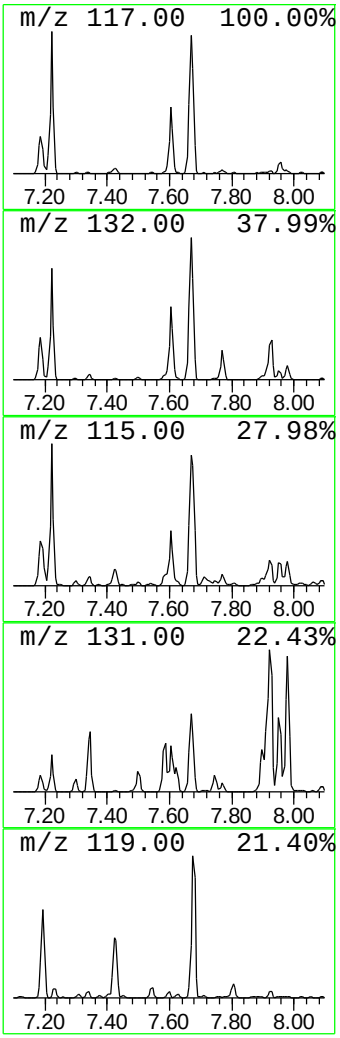
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	9.44 ng	1323450	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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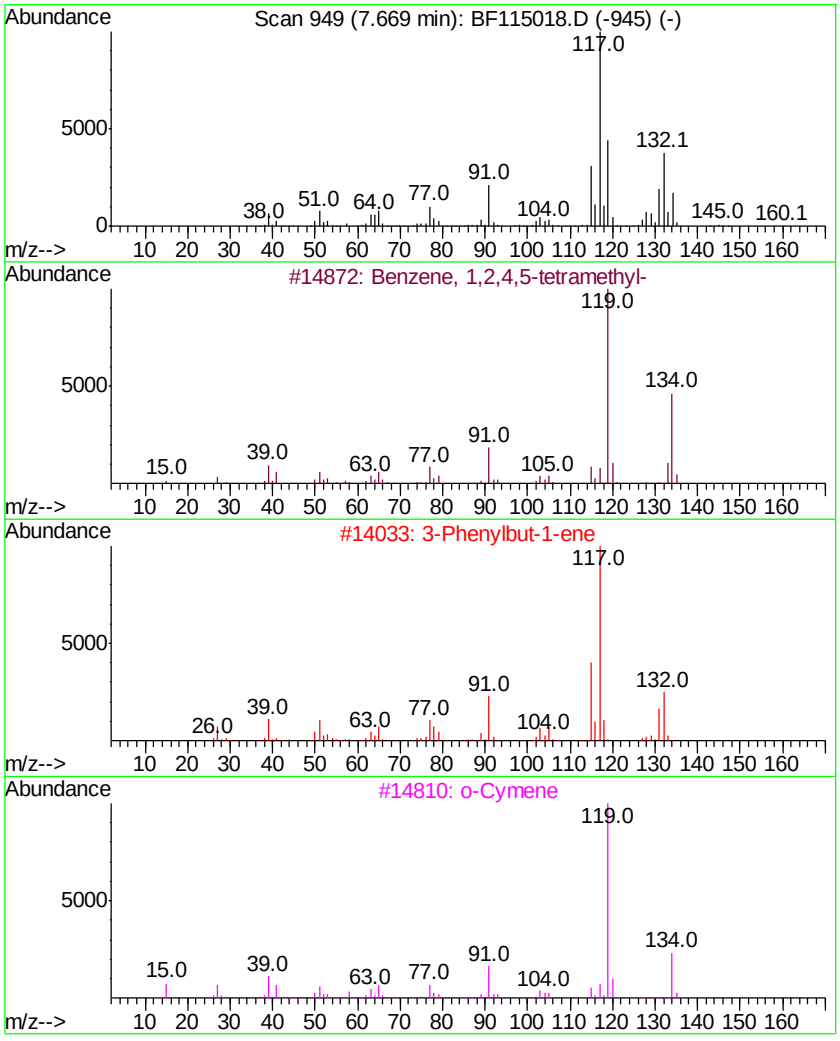
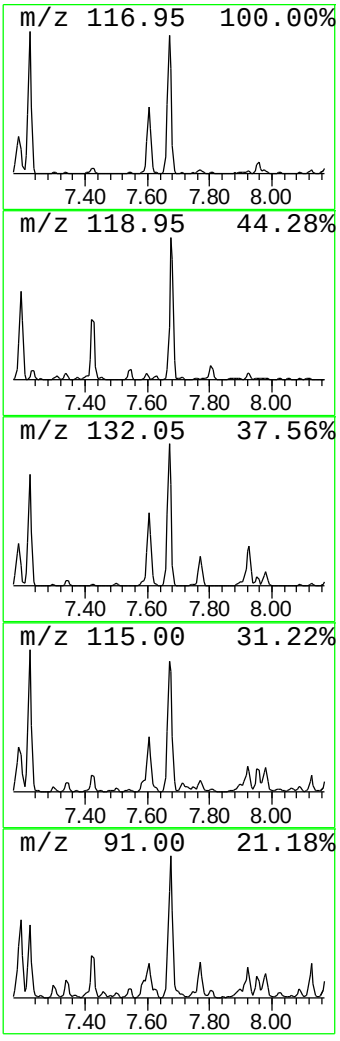
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	26.96 ng	3780790	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





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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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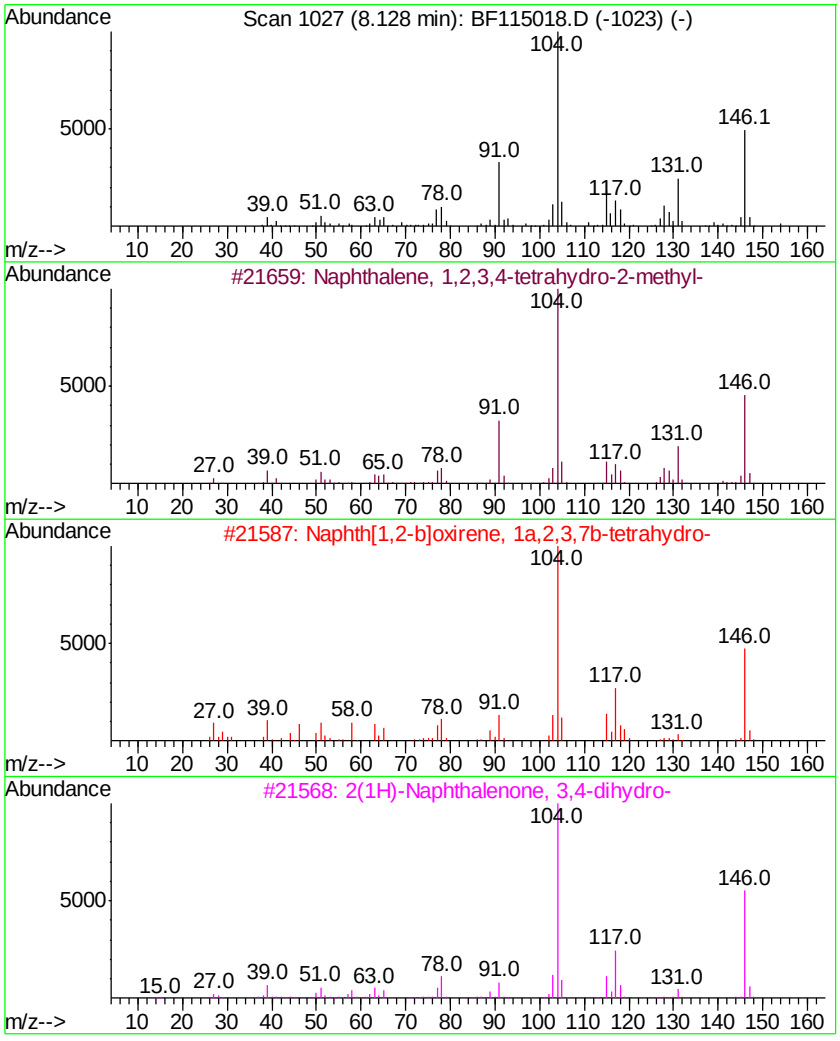
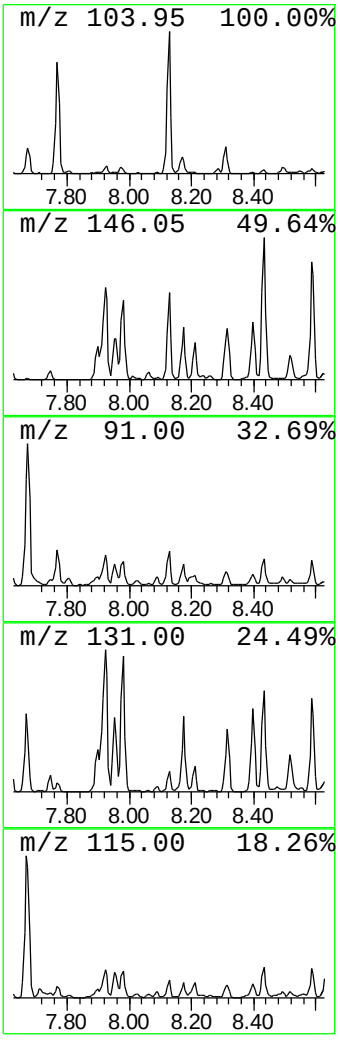
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.51 ng	492358	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
4	Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	35
5	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	35





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Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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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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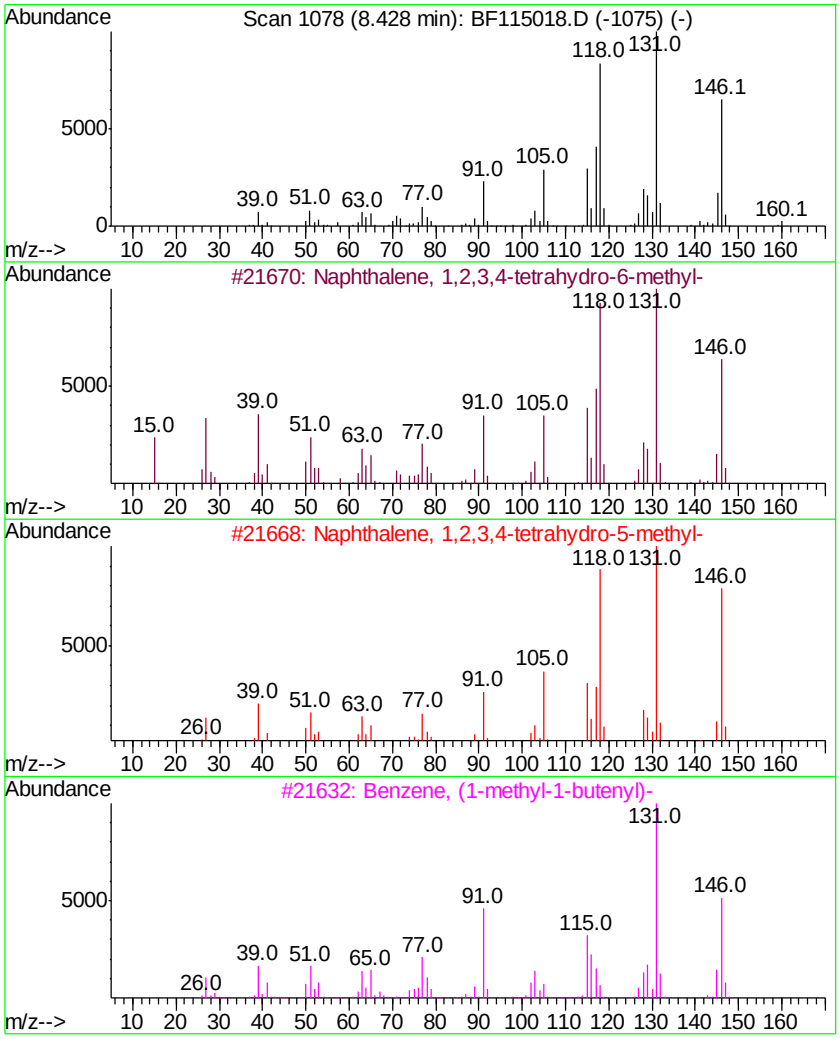
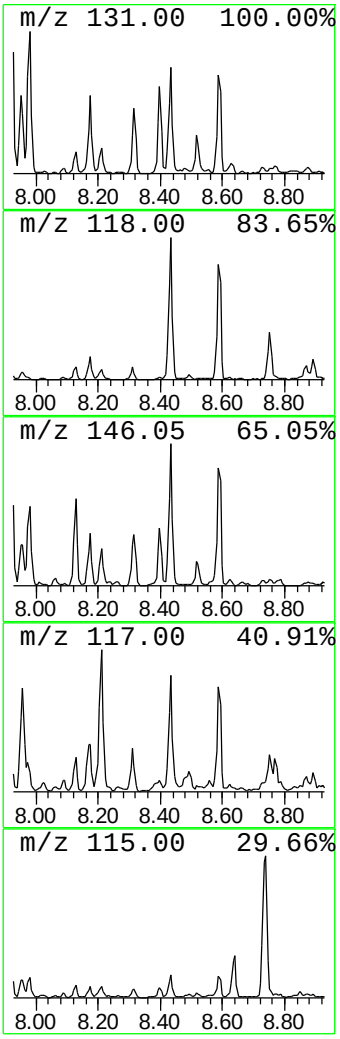
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	5.69 ng	797643	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49





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Misc :
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Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

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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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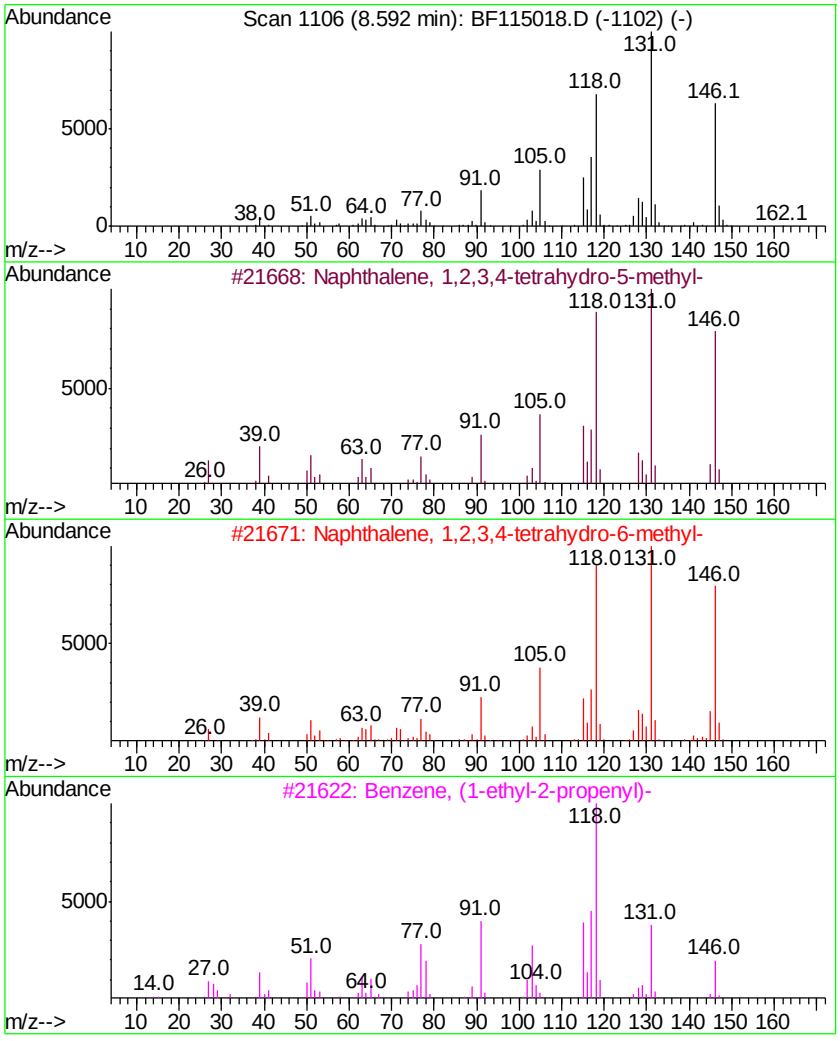
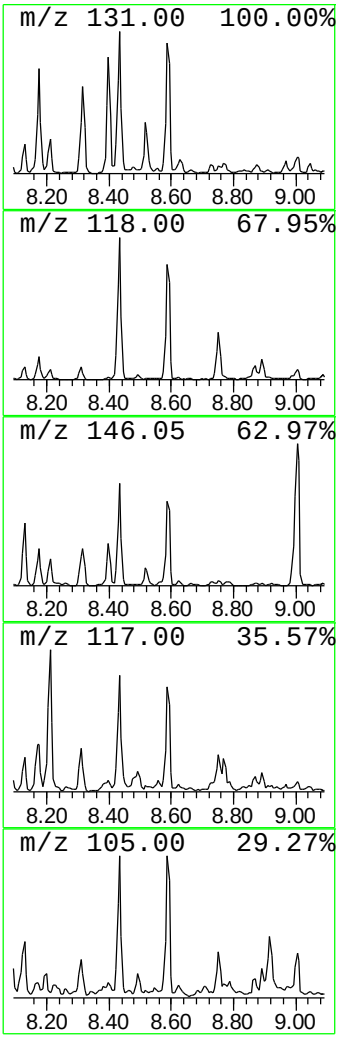
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	5.56 ng	780173	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	74





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ClientSampleId : PR-MW-2_061219

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

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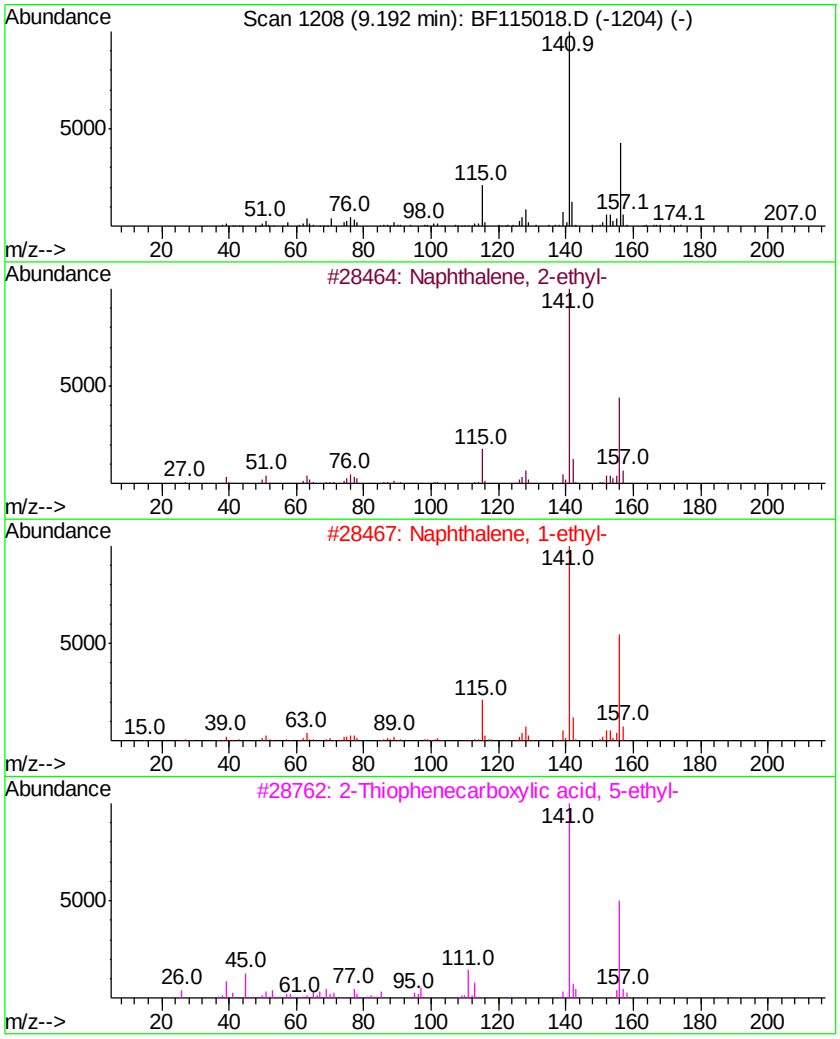
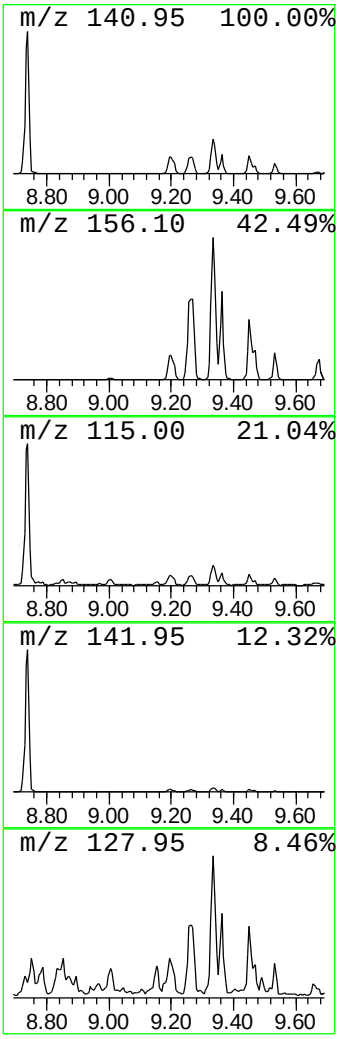
Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.44 ng	428055	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	62
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	59





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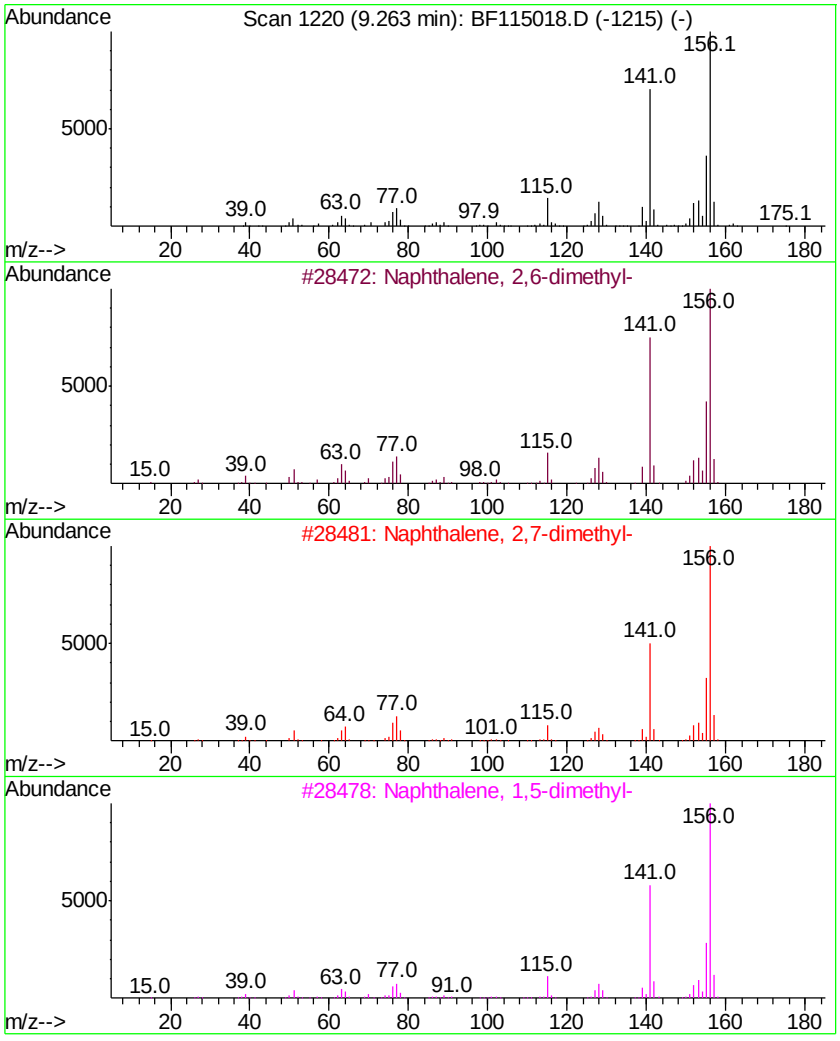
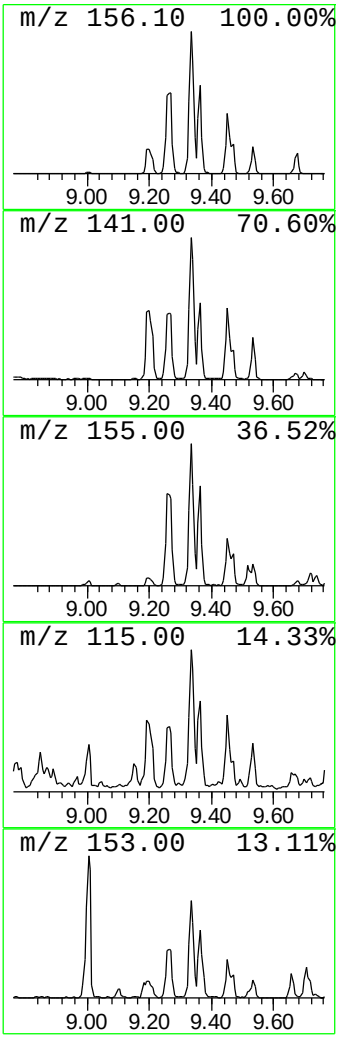
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	5.58 ng	695196	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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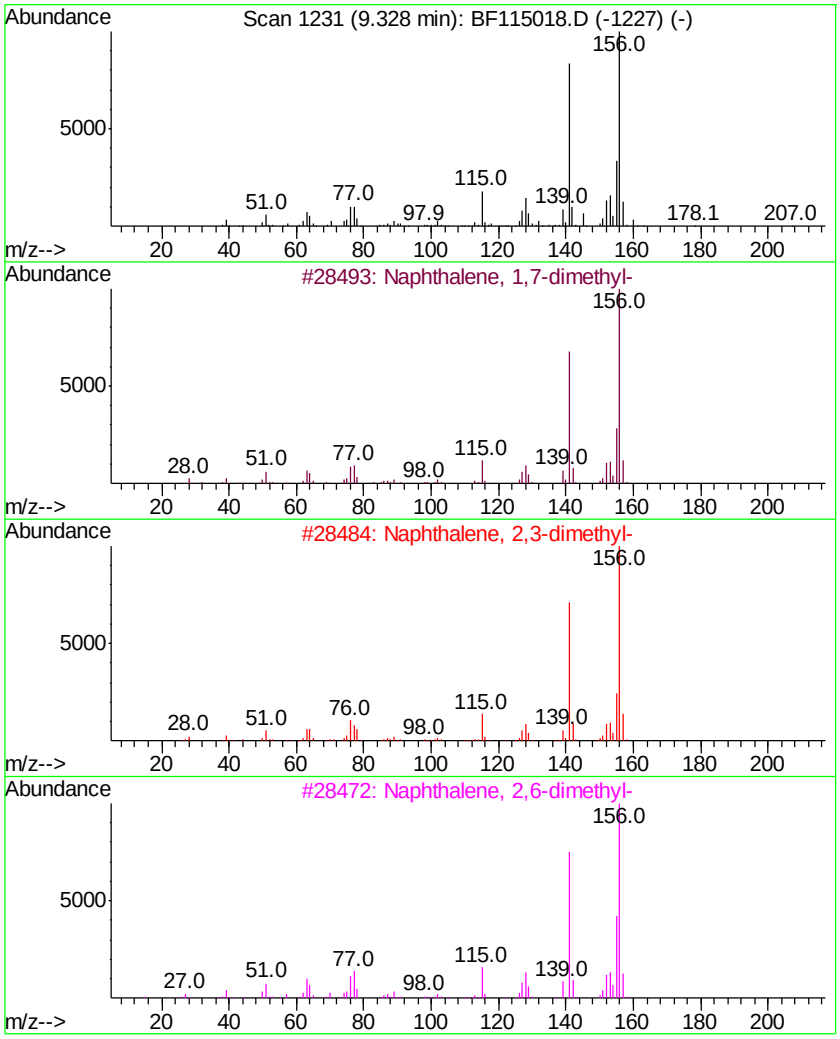
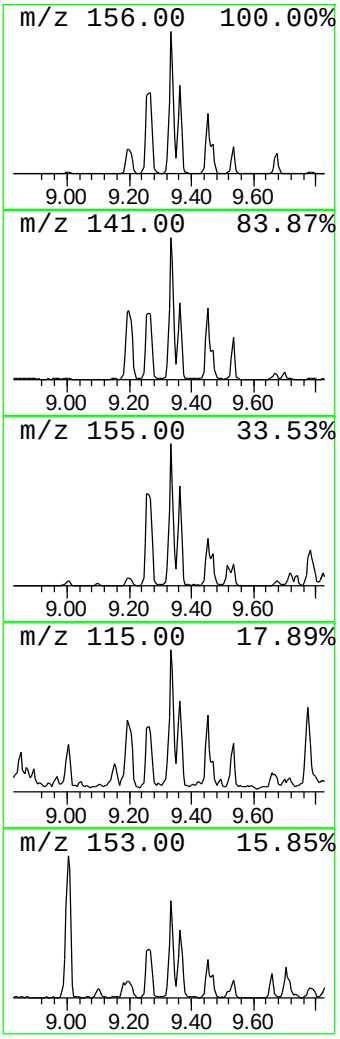
Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.98 ng	993332	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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TIC Library : C:\DATABASE\NIST11.L
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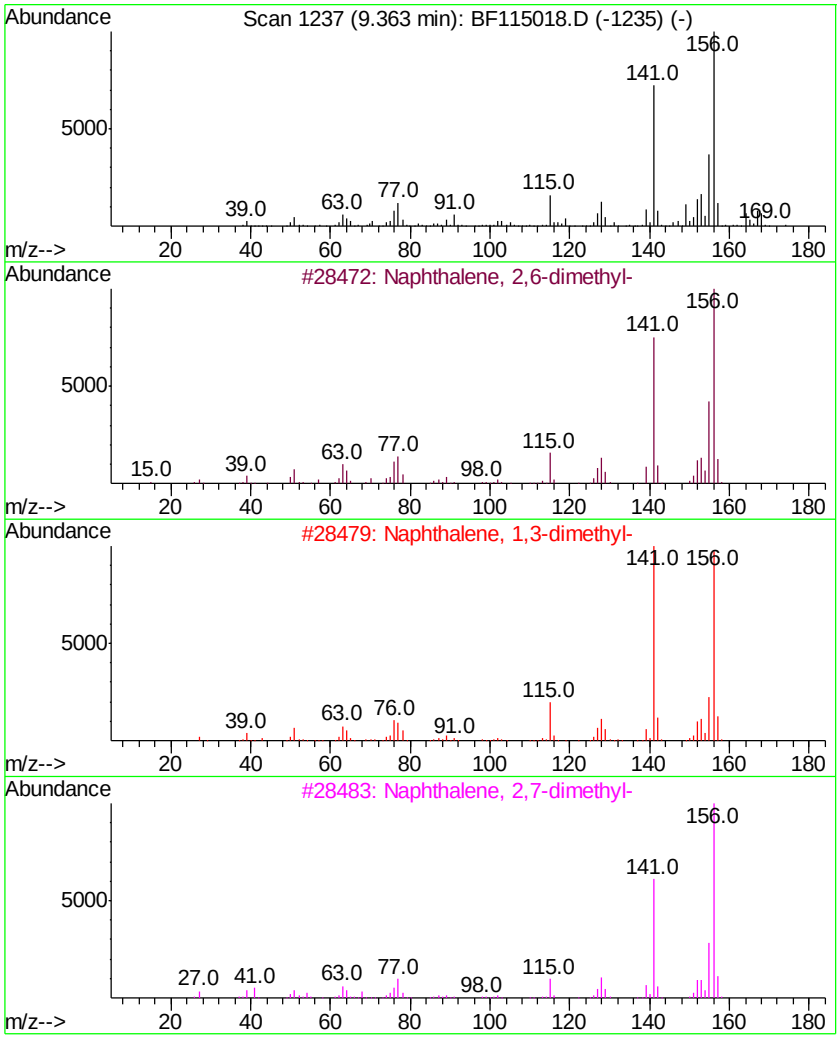
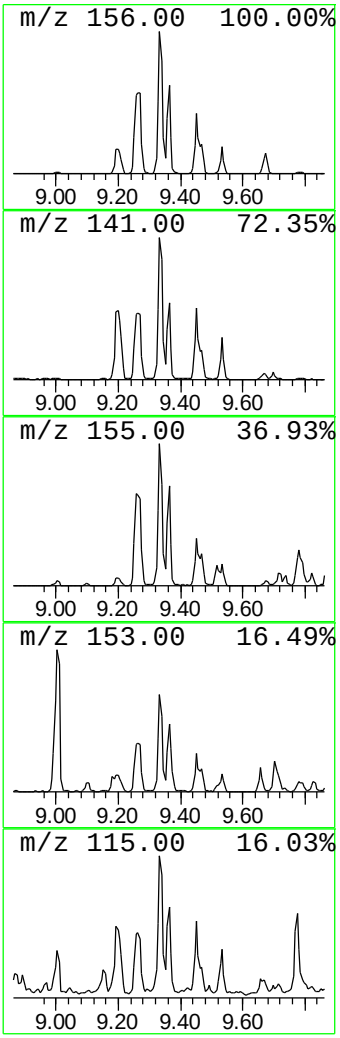
Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	5.11 ng	635622	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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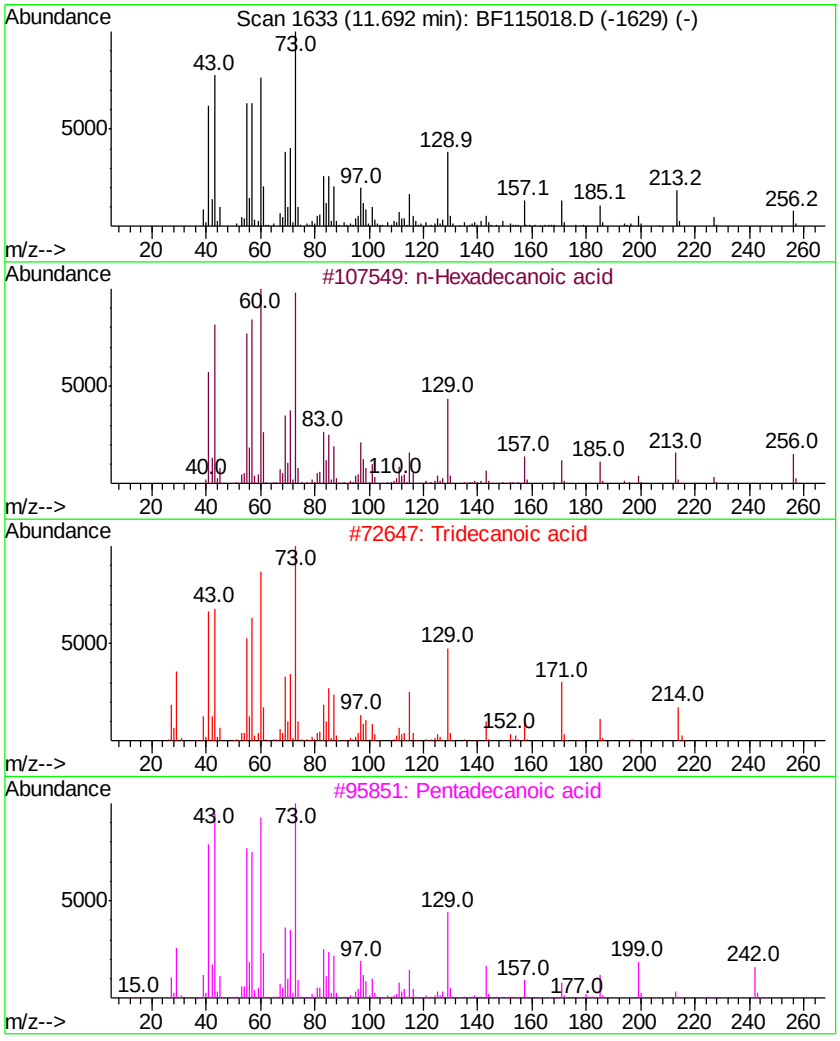
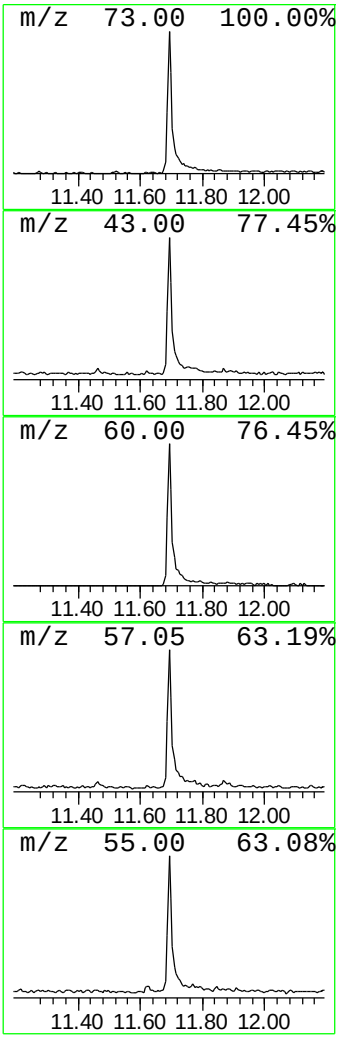
Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.78 ng	429853	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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
1,4-Pentadiene, 2...	4.35	3.3	ng	250822	1	6.65	1515240	20.0
Benzene, (1-methy...	5.82	51.9	ng	3929380	1	6.65	1515240	20.0
Benzene, propyl-	6.10	21.8	ng	1654400	1	6.65	1515240	20.0
unknown6.42	6.42	71.3	ng	5400130	1	6.65	1515240	20.0
Benzene, 1,2,3-tr...	6.71	5.3	ng	398057	1	6.65	1515240	20.0
Benzene, 1,3-diet...	6.90	9.1	ng	691576	1	6.65	1515240	20.0
Benzene, 1,2-diet...	6.97	6.8	ng	518098	1	6.65	1515240	20.0
Benzene, 1,2,3,4-...	7.42	7.0	ng	982495	2	7.93	2805170	20.0
1H-Indene, 2,3-di...	7.60	9.4	ng	1323450	2	7.93	2805170	20.0
Benzene, 1,2,4,5-...	7.67	27.0	ng	3780790	2	7.93	2805170	20.0
Naphthalene, 1,2,...	8.13	3.5	ng	492358	2	7.93	2805170	20.0
Naphthalene, 1,2,...	8.43	5.7	ng	797643	2	7.93	2805170	20.0
Naphthalene, 1,2,...	8.59	5.6	ng	780173	2	7.93	2805170	20.0
Naphthalene, 2-et...	9.19	3.4	ng	428055	3	9.67	2489900	20.0
Naphthalene, 2,6-...	9.26	5.6	ng	695196	3	9.67	2489900	20.0
Naphthalene, 1,7-...	9.33	8.0	ng	993332	3	9.67	2489900	20.0
Naphthalene, 1,3-...	9.36	5.1	ng	635622	3	9.67	2489900	20.0
n-Hexadecanoic acid	11.69	3.8	ng	429853	4	11.15	2274540	20.0