LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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-BF061918.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	5.190	481	485	492	rBV	46470	49768	4.57%	0.505%
2	5.596	550	554	568	rBB	576522	511354	46.96%	5.192%
3	6.595	720	724	732	rBV	373274	333214	30.60%	3.383%
4	6.731	743	747	750	rBV	935988	875274	80.38%	8.887%
5	6.954	781	785	790	rBV	317905	261848	24.05%	2.659%
6	7.113	807	812	815	rVB	946323	854251	78.44%	8.673%
7	7.342	846	851	854	rBV3	16405	20492	1.88%	0.208%
8	7.466	865	872	876	rBV5	12652	24034	2.21%	0.244%
9	7.519	876	881	884	rVV	619937	664608	61.03%	6.748%
10	7.595	888	894	896	rBV3	26112	32675	3.00%	0.332%
11	7.690	904	910	914	rVB3	20996	29953	2.75%	0.304%
12	7.754	919	921	926	rVB3	23074	28790	2.64%	0.292%
13	7.813	926	931	932	rBV3	12631	16855	1.55%	0.171%
14	7.866	938	940	942	rBV2	13976	14494	1.33%	0.147%
15	7.895	942	945	950	rVB5	16689	27948	2.57%	0.284%
16	7.960	950	956	958	rBV3	23250	31826	2.92%	0.323%
17	7.984	958	960	963	rVV4	16130	19926	1.83%	0.202%
18	8.037	966	969	971	rVV2	17251	16234	1.49%	0.165%
19	8.060	971	973	977	rVB3	18843	19585	1.80%	0.199%
20	8.172	989	992	995	rVB3	21804	24743	2.27%	0.251%
21	8.237	998	1003	1007	rBV	363454	329508	30.26%	3.345%
22	8.272	1007	1009	1014	rVB5	14817	19706	1.81%	0.200%
23	8.325	1014	1018	1023	rBV5	28011	34875	3.20%	0.354%
24	8.384	1024	1028	1030	rBV3	22509	27266	2.50%	0.277%
25	8.401	1030	1031	1034	rVV3	24430	18590	1.71%	0.189%
26	8.454	1036	1040	1042	rVV4	18881	19499	1.79%	0.198%
27	8.519	1048	1051	1055	rVB2	33070	40068	3.68%	0.407%
28	8.572	1055	1060	1062	rBV3	38707	52234	4.80%	0.530%
29	8.601	1062	1065	1066	rVV2	34707	33555	3.08%	0.341%
30	8.619	1066	1068	1072	rVV4	42497	56658	5.20%	0.575%
31	8.684	1075	1079	1081	rBV4	22996	30058	2.76%	0.305%
32	8.713	1081	1084	1089	rVB4	46885	61137	5.61%	0.621%
33	8.789	1089	1097	1101	rBV2	70782	120864	11.10%	1.227%
34	8.931	1118	1121	1123	rBV3	19675	27192	2.50%	0.276%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.995	1128	1132	1134	rBV4	44303	61097	5.61%	0.620%
36	9.019	1134	1136	1140	rVB4	35090	36697	3.37%	0.373%
37	9.054	1140	1142	1144	rBV2	23426	20989	1.93%	0.213%
38	9.078	1144	1146	1147	rBV2	21353	16445	1.51%	0.167%
39	9.142	1152	1157	1159	rBV5	28426	34573	3.17%	0.351%
40	9.178	1161	1163	1165	rVV2	27385	23760	2.18%	0.241%
41	9.201	1165	1167	1171	rVB6	26725	28263	2.60%	0.287%
42	9.248	1171	1175	1177	rBV2	31580	43129	3.96%	0.438%
43	9.313	1182	1186	1189	rVB	1218065	1088984	100.00%	11.056%
44	9.342	1189	1191	1194	rVB	79745	57688	5.30%	0.586%
45	9.378	1194	1197	1199	rBV3	15256	12447	1.14%	0.126%
46	9.431	1202	1206	1208	rBV6	30933	42672	3.92%	0.433%
47	9.454	1208	1210	1212	rVB	42670	32915	3.02%	0.334%
48	9.489	1212	1216	1218	rBV3	24080	32254	2.96%	0.327%
49	9.548	1224	1226	1228	rBV3	15623	17813	1.64%	0.181%
50	9.572	1228	1230	1232	rVV3	25892	27614	2.54%	0.280%
51	9.595	1232	1234	1238	rVV2	38932	39037	3.58%	0.396%
52	9.636	1238	1241	1243	rVV3	31653	28941	2.66%	0.294%
53	9.660	1243	1245	1247	rBV2	49607	42373	3.89%	0.430%
54	9.701	1250	1252	1254	rVB	32618	25533	2.34%	0.259%
55	9.766	1259	1263	1265	rBV2	36147	46332	4.25%	0.470%
56	9.784	1265	1266	1268	rVV	33649	26301	2.42%	0.267%
57	9.807	1268	1270	1275	rVB4	43416	53835	4.94%	0.547%
58	9.854	1275	1278	1280	rBV2	38484	40339	3.70%	0.410%
59	9.972	1295	1298	1299	rBV3	21932	20227	1.86%	0.205%
60	9.995	1299	1302	1308	rVB	316853	302603	27.79%	3.072%
61	10.266	1344	1348	1352	rBV6	23256	32634	3.00%	0.331%
62	10.307	1352	1355	1358	rBV2	62154	68163	6.26%	0.692%
63	10.354	1361	1363	1365	rVV	43893	32514	2.99%	0.330%
64	10.383	1365	1368	1370	rVV2	28895	24512	2.25%	0.249%
65	10.436	1376	1377	1381	rVB4	15863	13756	1.26%	0.140%
66	10.489	1383	1386	1391	rVB5	21510	34258	3.15%	0.348%
67	10.625	1407	1409	1412	rBV4	17208	14426	1.32%	0.146%
68	10.654	1412	1414	1416	rBV	21195	18691	1.72%	0.190%
69	10.736	1425	1428	1431	rBV4	15857	18235	1.67%	0.185%
70	10.795	1434	1438	1441	rBV	613880	604651	55.52%	6.139%
71	10.966	1464	1467	1469	rBV2	14720	18037	1.66%	0.183%

LSC Area Percent Report

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Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.083	1485	1487	1491	rBV4	13381	14443	1.33%	0.147%
73	11.489	1553	1556	1559	rBV	301096	242697	22.29%	2.464%
74	12.960	1802	1806	1810	rVB	104521	98650	9.06%	1.002%
75	13.072	1821	1825	1829	rBV	1061513	1056695	97.03%	10.729%
76	13.736	1935	1938	1941	rBV	72713	59180	5.43%	0.601%
77	13.948	1971	1974	1980	rBV	40252	45926	4.22%	0.466%
78	14.142	2003	2007	2010	rBV	336304	313653	28.80%	3.184%
79	15.671	2262	2267	2272	rBV	157524	206351	18.95%	2.095%

Sum of corrected areas: 9849415

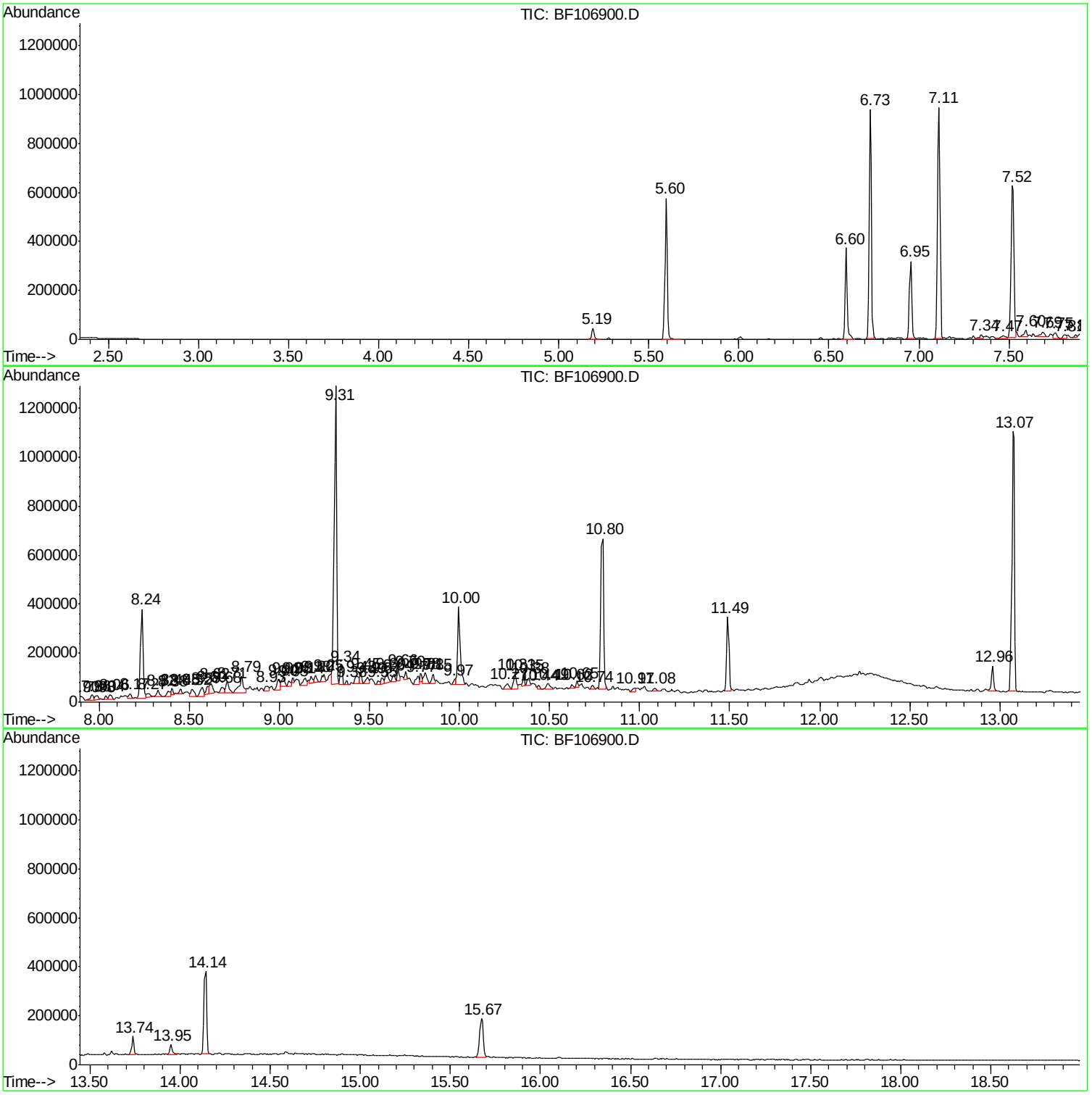
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

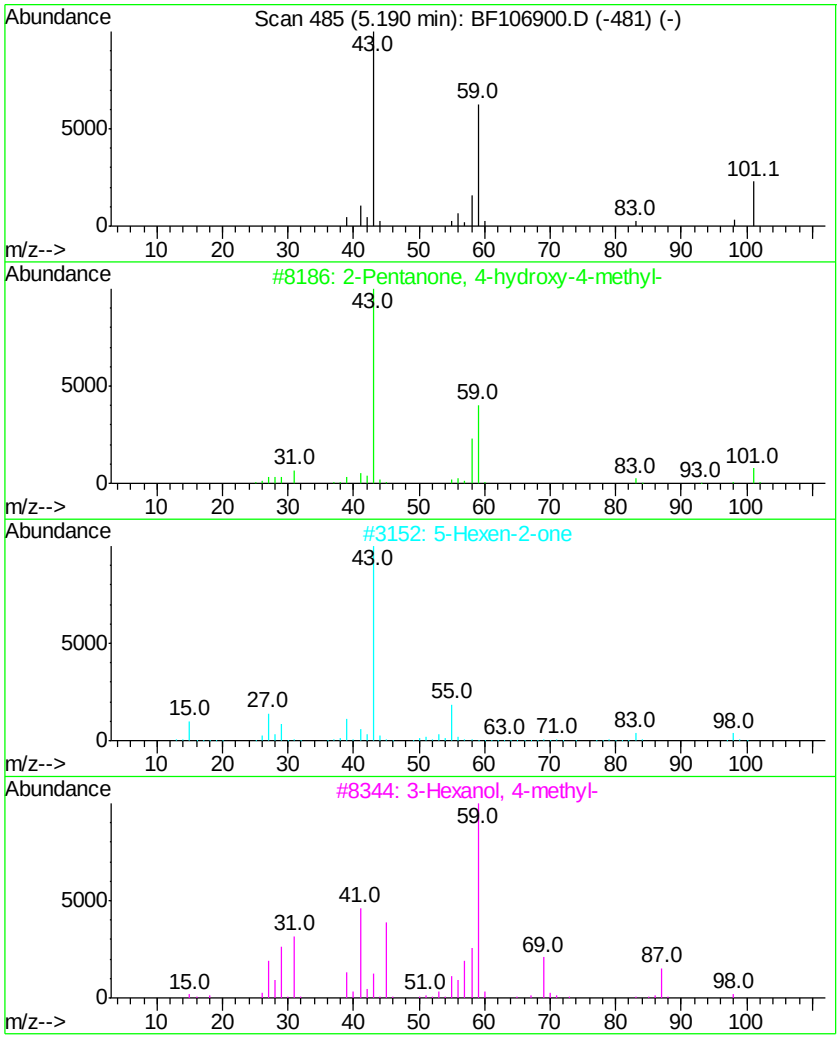
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

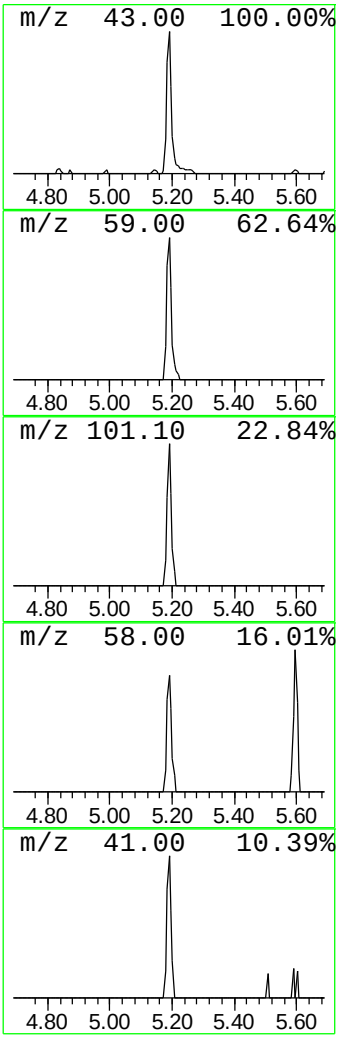
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.80 ng	49768	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

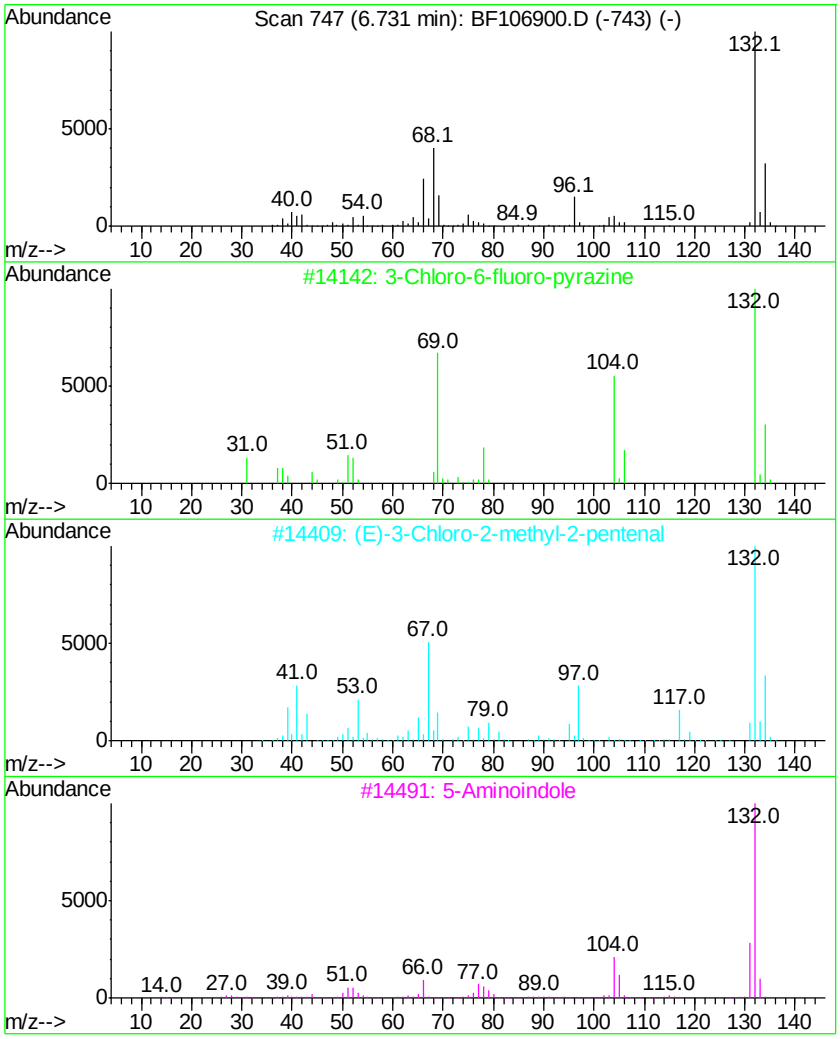
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

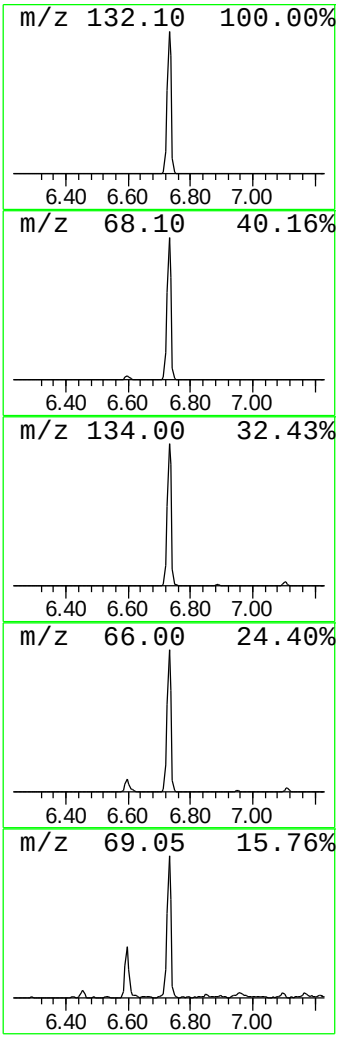
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	66.85 ng	875274	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

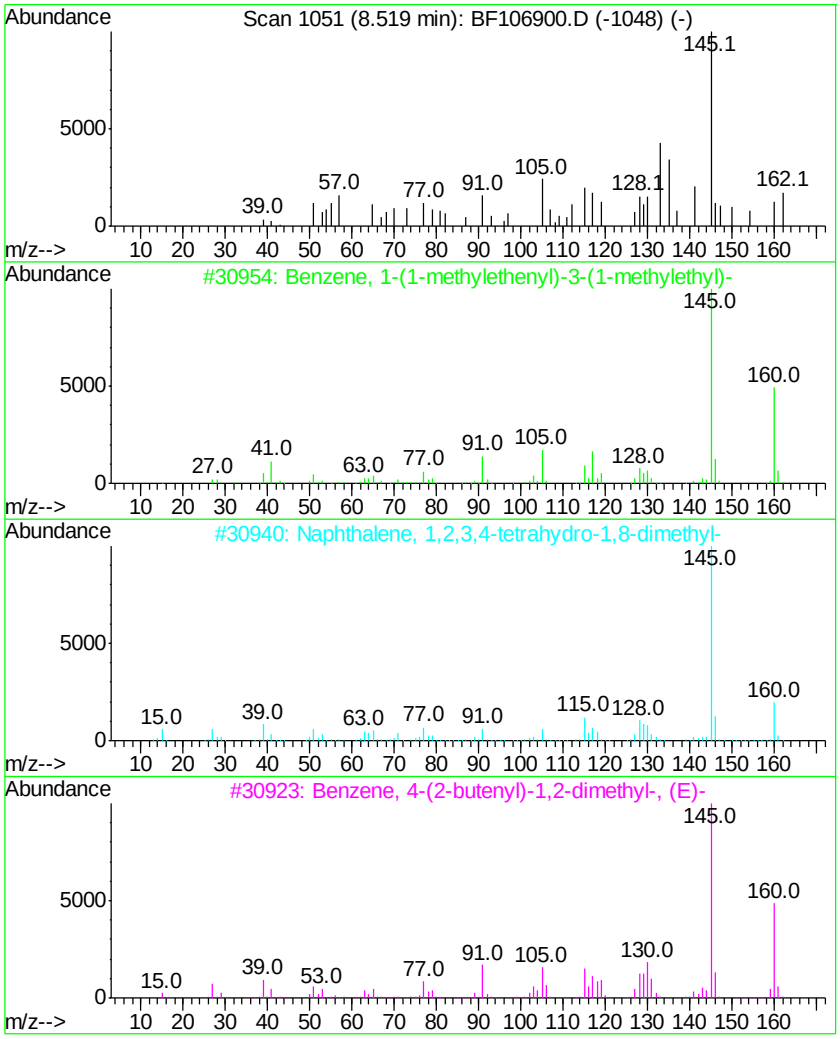
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

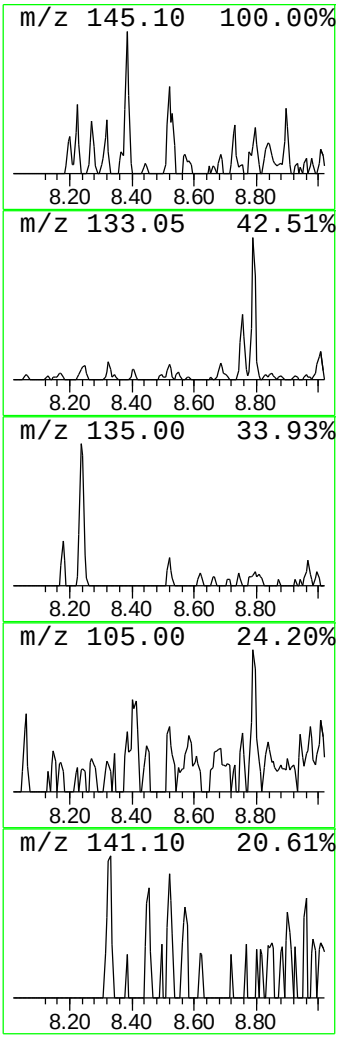
****

Peak Number 4 Benzene, 1-(1-methylethenyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.43 ng	40068	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	43
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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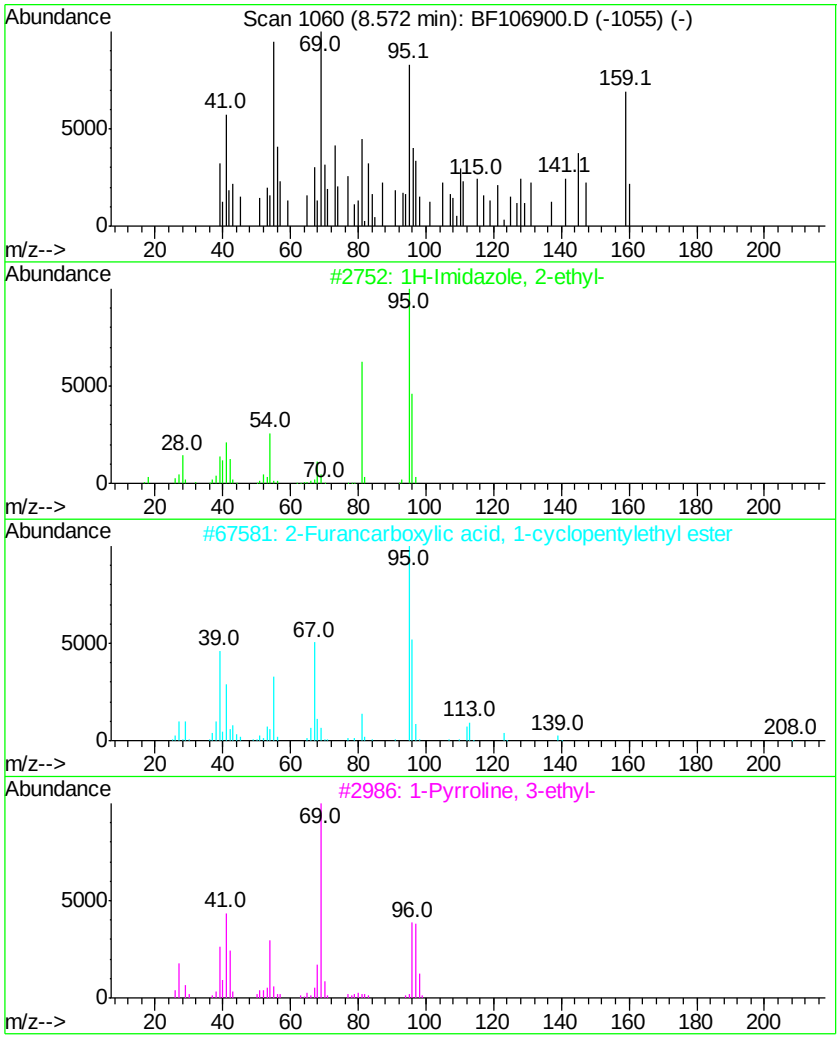
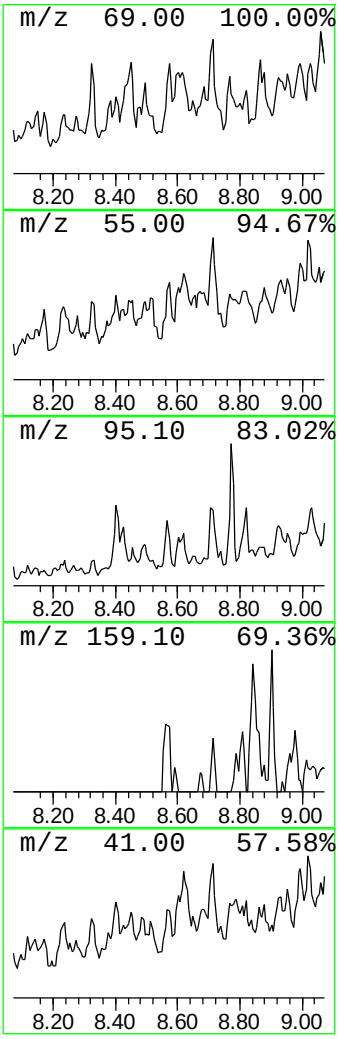
Peak Number 5 unknown8.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.17 ng	52234	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	25
2	2-Furancarboxylic acid, 1-cyclop...	208	C12H16O3	1000278-83-6	22
3	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	22
4	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	14
5	2-n-Butylthiolane, S,S-dioxide	176	C8H16O2S	071053-03-7	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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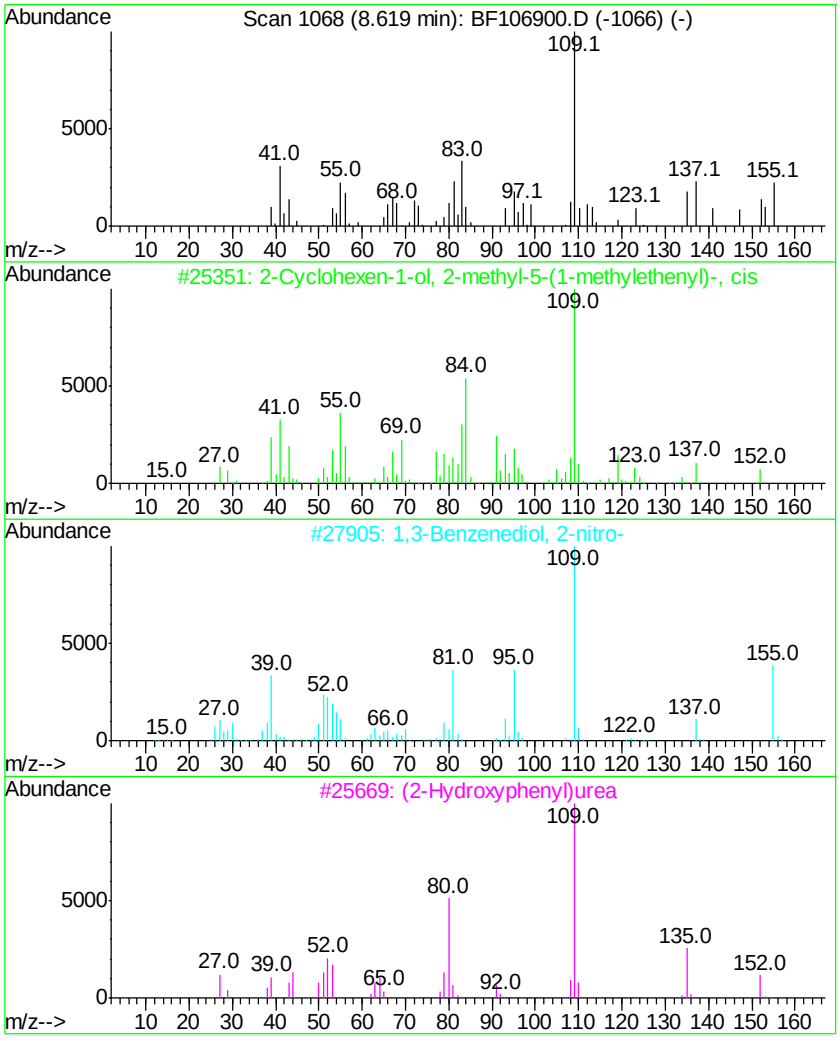
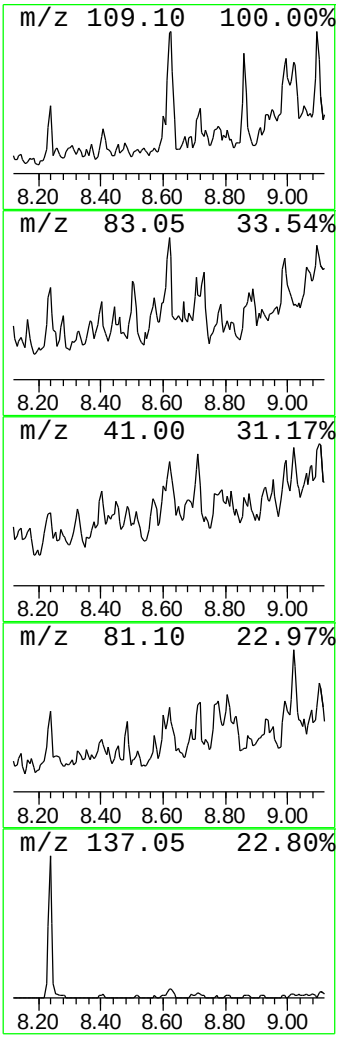
Peak Number 6 unknown8.62 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.44 ng	56658	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol, 2-methyl-5-(1...	152	C10H16O	001197-06-4	46
2	1,3-Benzenediol, 2-nitro-	155	C6H5NO4	000601-89-8	43
3	(2-Hydroxyphenyl)urea	152	C7H8N2O2	001196-72-1	32
4	1,2-Ethanediol, 1,2-dimyrtenyl-	302	C20H30O2	1000160-38-0	32
5	5-Ethoxy-2-methyl-pyridine	137	C8H11NO	055270-48-9	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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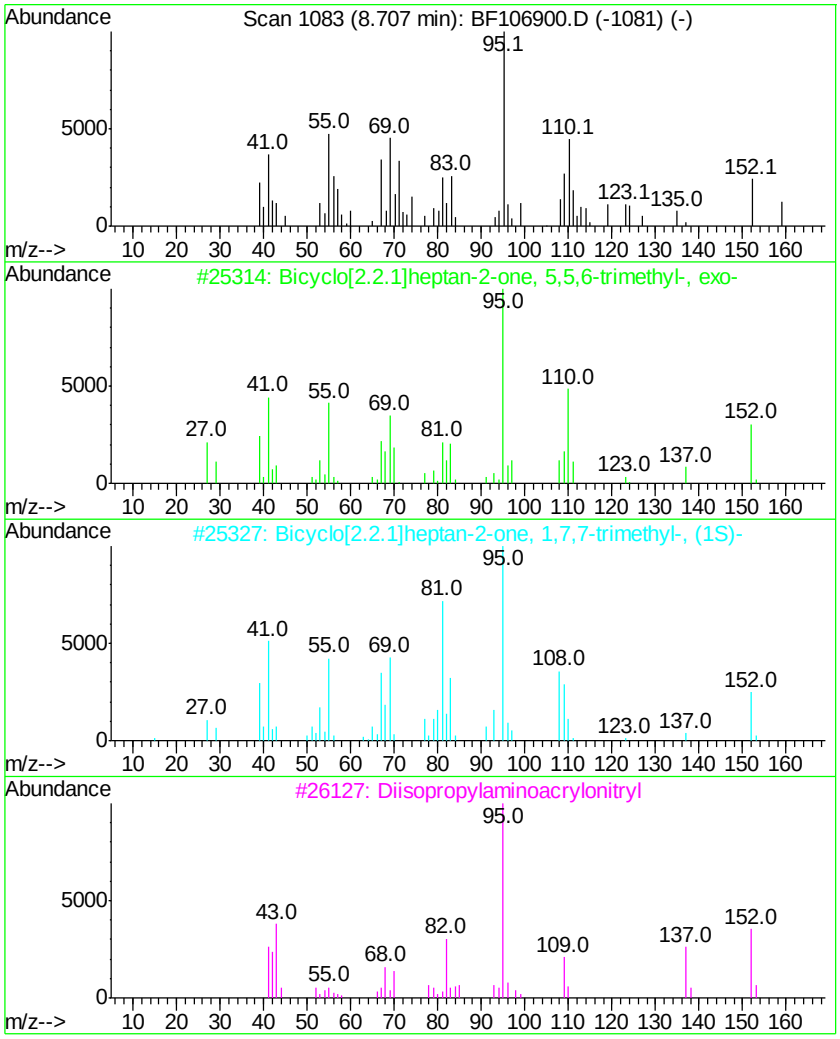
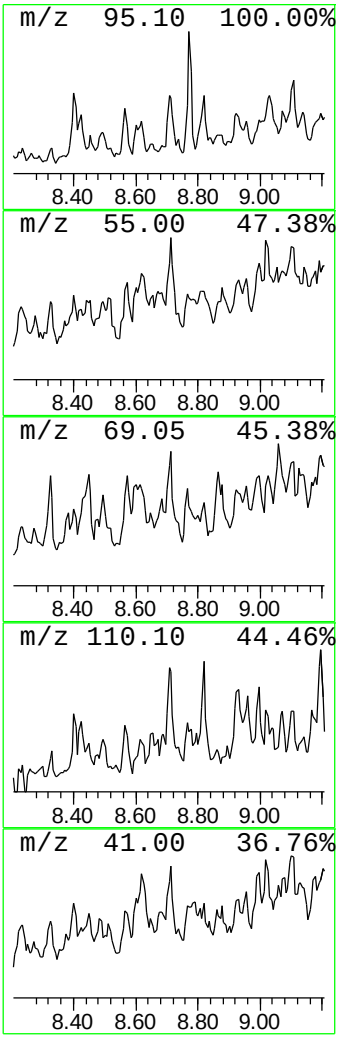
Peak Number 7 unknown8.71 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	3.71 ng	61137	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 5,5,...	152	C10H16O	003649-86-3	41
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	30
3	Diisopropylaminoacrylonitryl	152	C9H16N2	038691-28-0	22
4	Camphor	152	C10H16O	000076-22-2	22
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	22





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Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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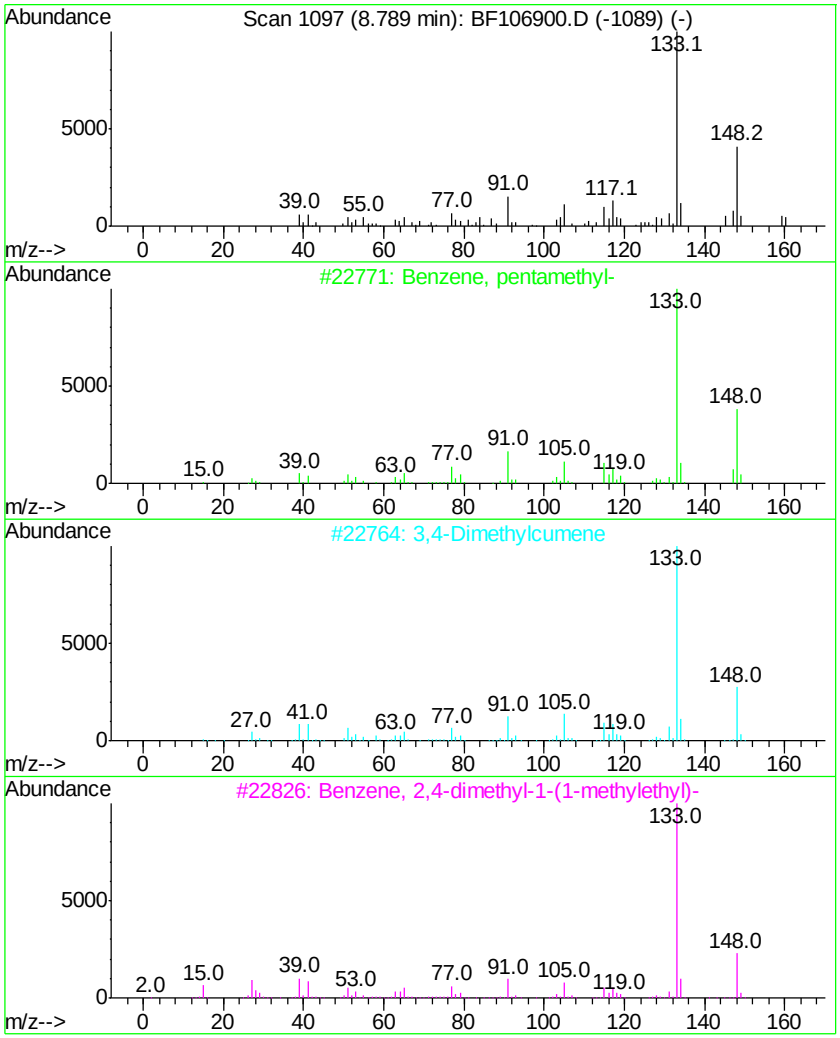
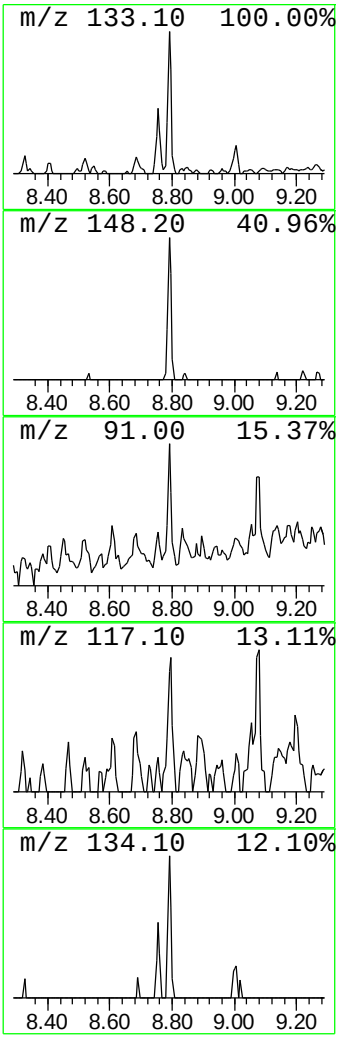
Peak Number 8 Benzene, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	7.34 ng	120864	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80





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Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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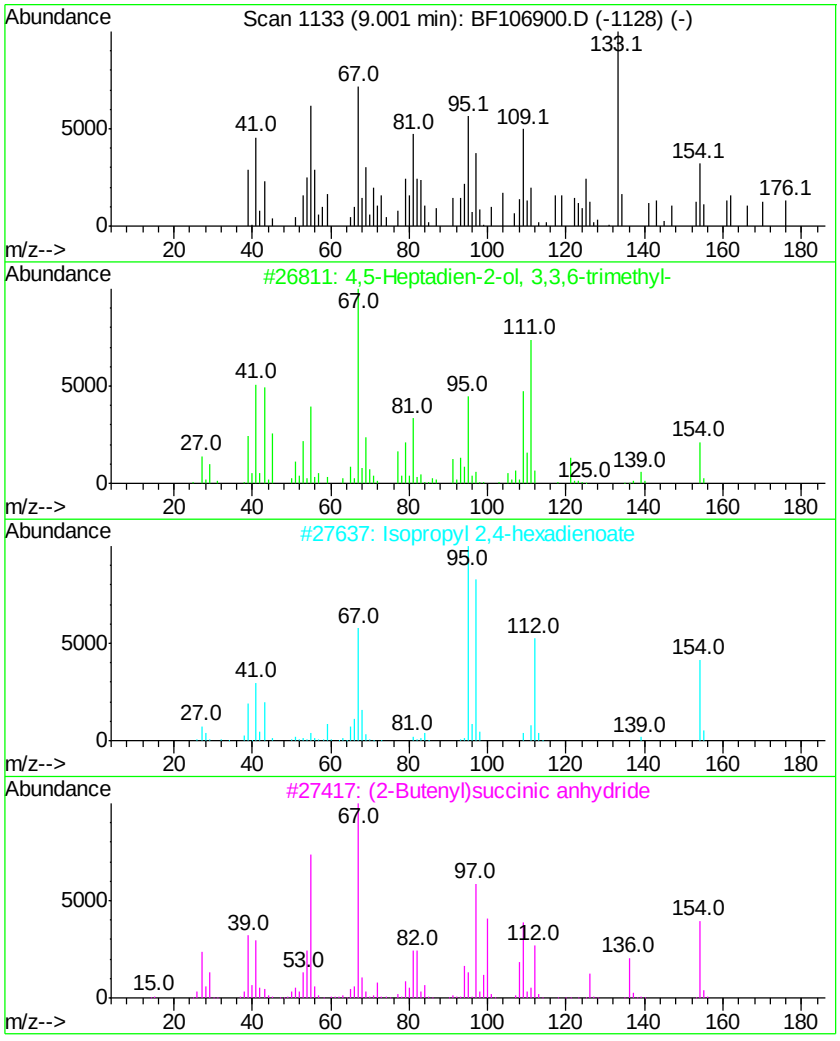
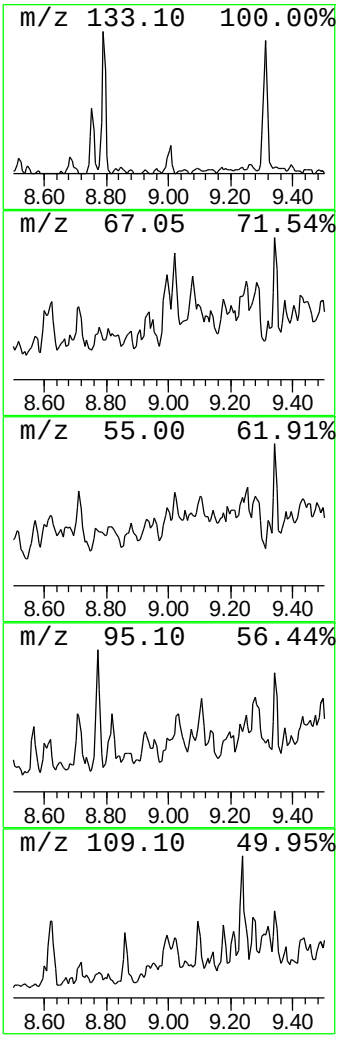
Peak Number 9 unknown9.00 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.71 ng	61097	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	47
2	Isopropyl 2,4-hexadienoate	154	C9H14O2	044987-75-9	46
3	(2-Butenyl)succinic anhydride	154	C8H10O3	007538-42-3	41
4	4-Isopropyl-5-methylhexa-2,4-die...	154	C10H18O	1000191-04-3	38
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	30





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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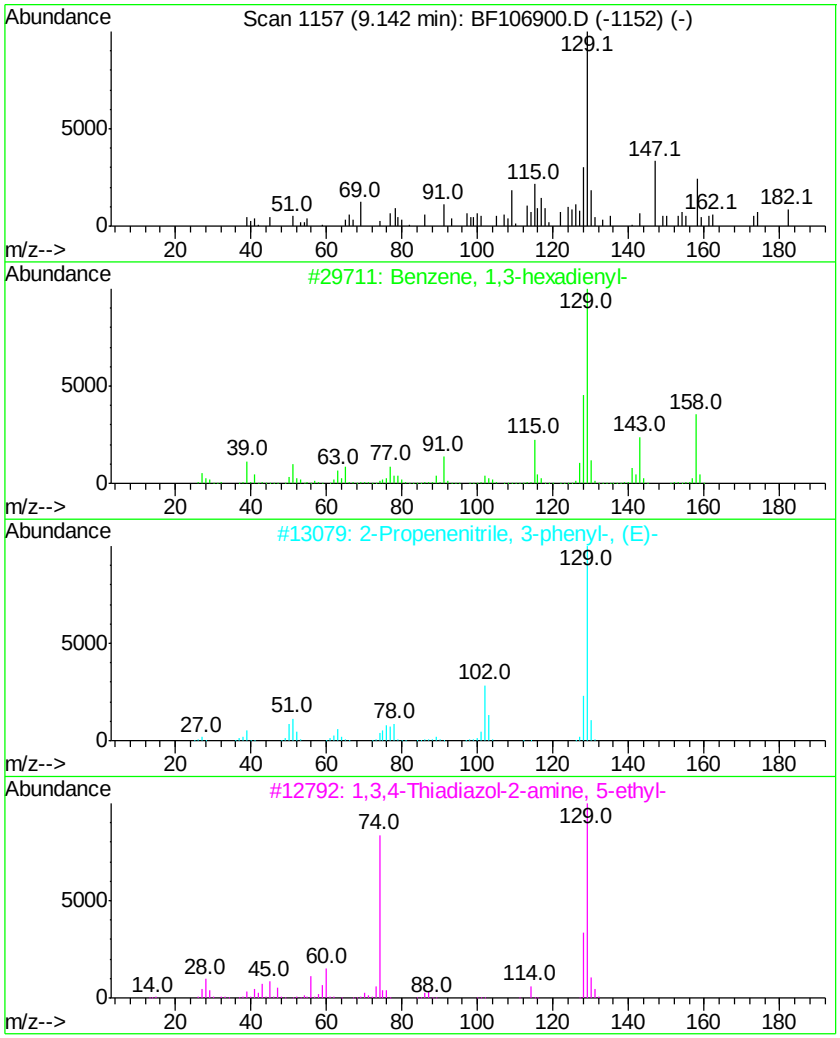
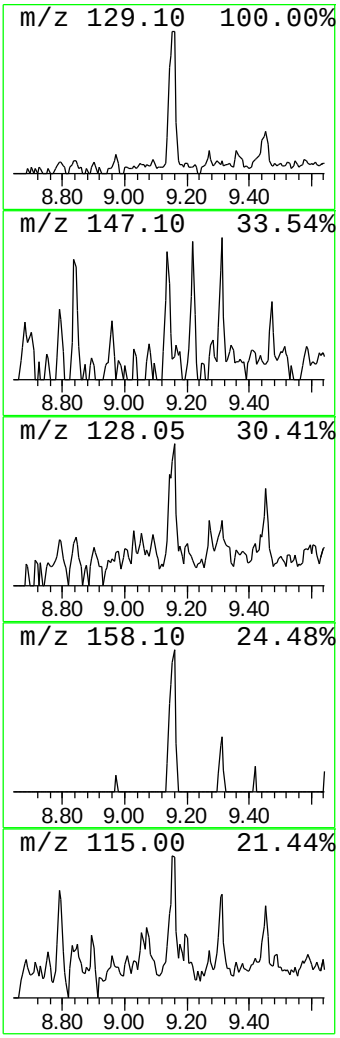
Peak Number 10 unknown9.14 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	2.29 ng	34573	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	43
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	43
3	1,3,4-Thiadiazol-2-amine, 5-ethyl-	129	C4H7N3S	014068-53-2	43
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	43
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	40





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Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

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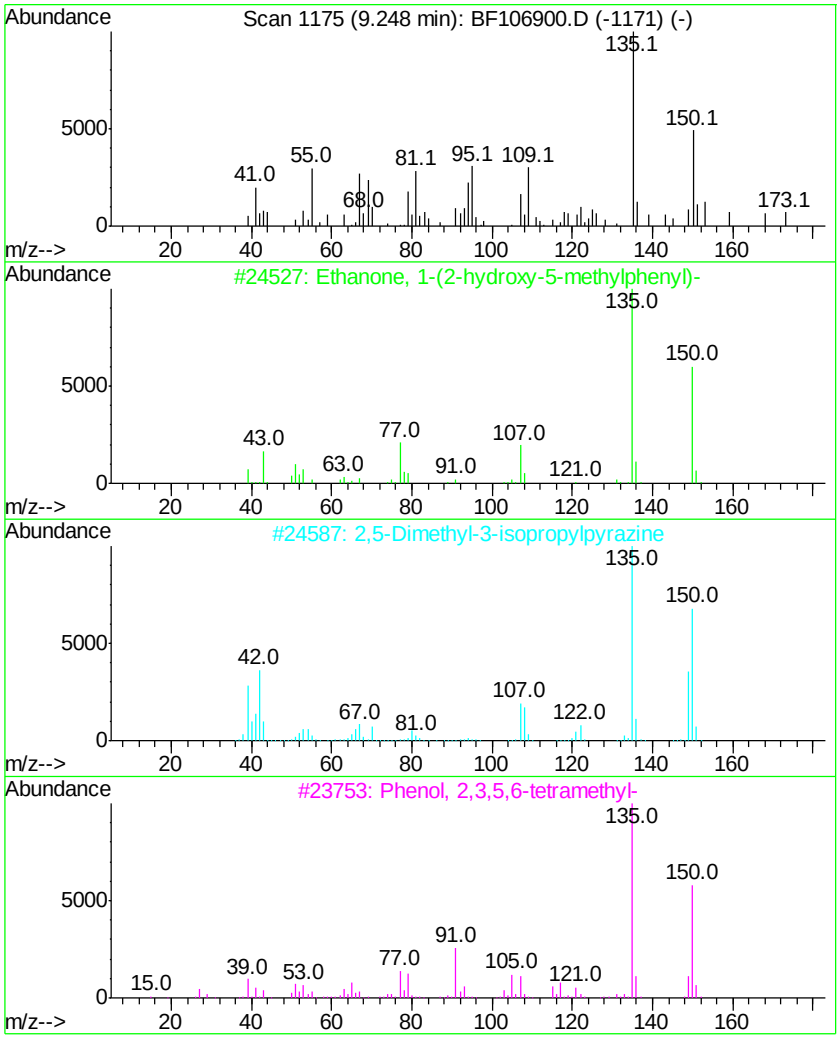
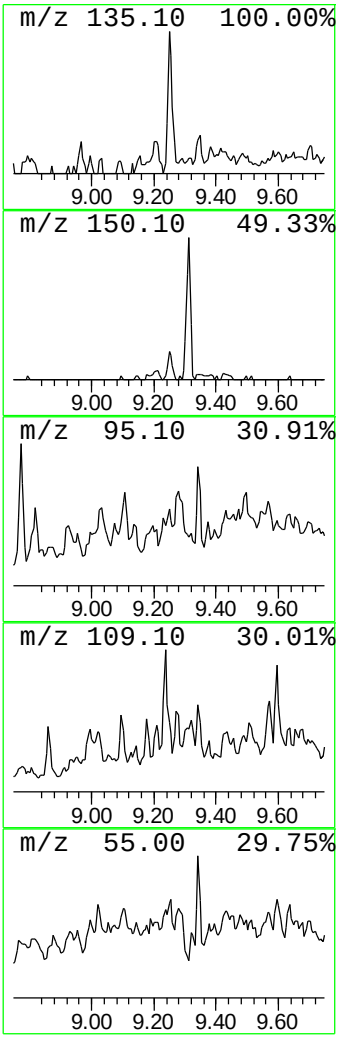
Peak Number 11 Ethanone, 1-(2-hydroxy-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.85 ng	43129	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	52
2	2,5-Dimethyl-3-isopropylpyrazine	150	C9H14N2	013610-20-3	52
3	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	52
4	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	50
5	Thymol	150	C10H14O	000089-83-8	50





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Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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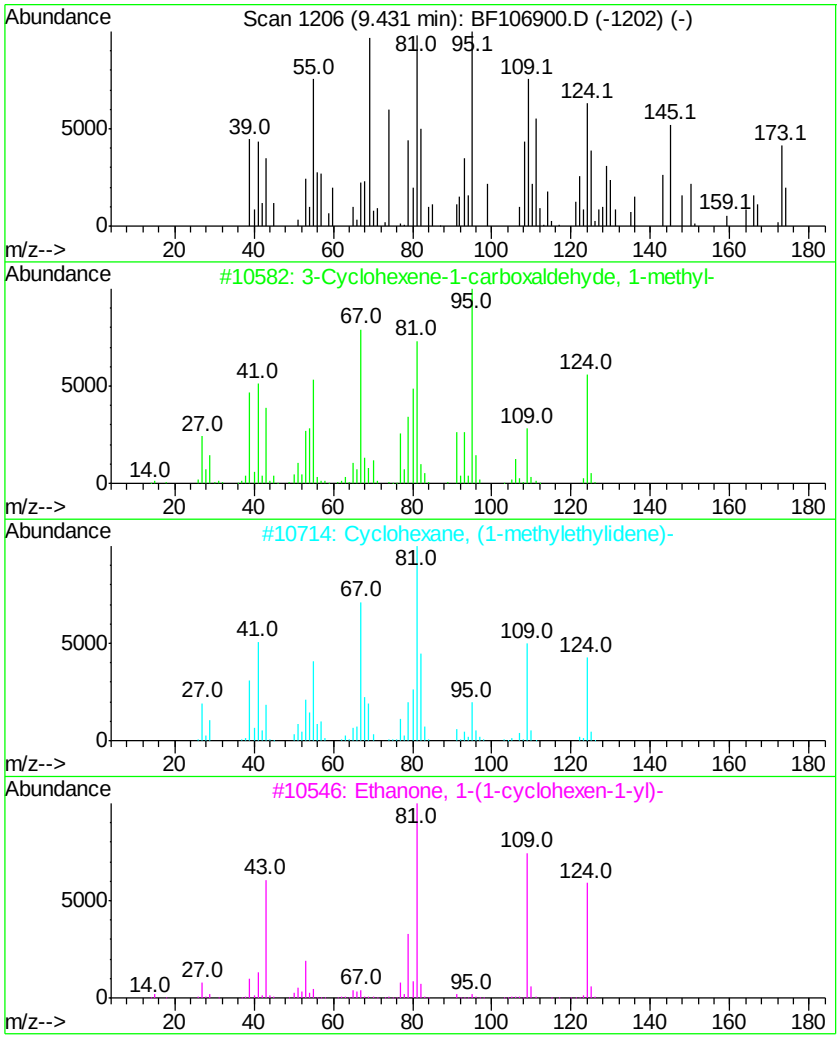
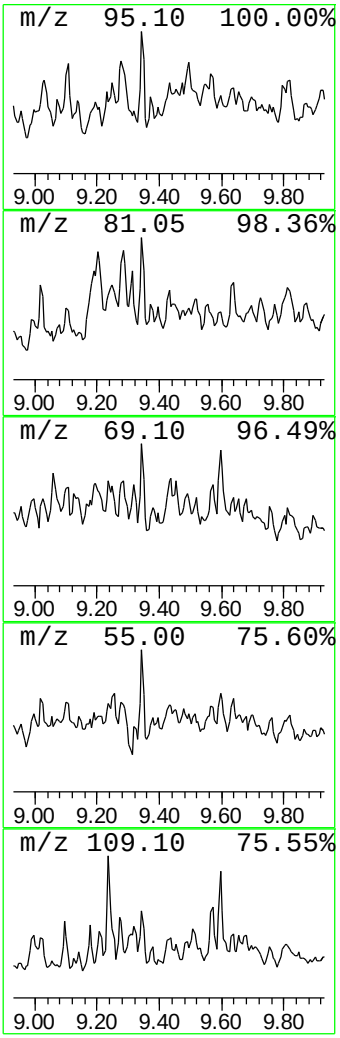
Peak Number 12 unknown9.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.82 ng	42672	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	27
2	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	27
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	25
4	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	22
5	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	22





Library Search Compound Report

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Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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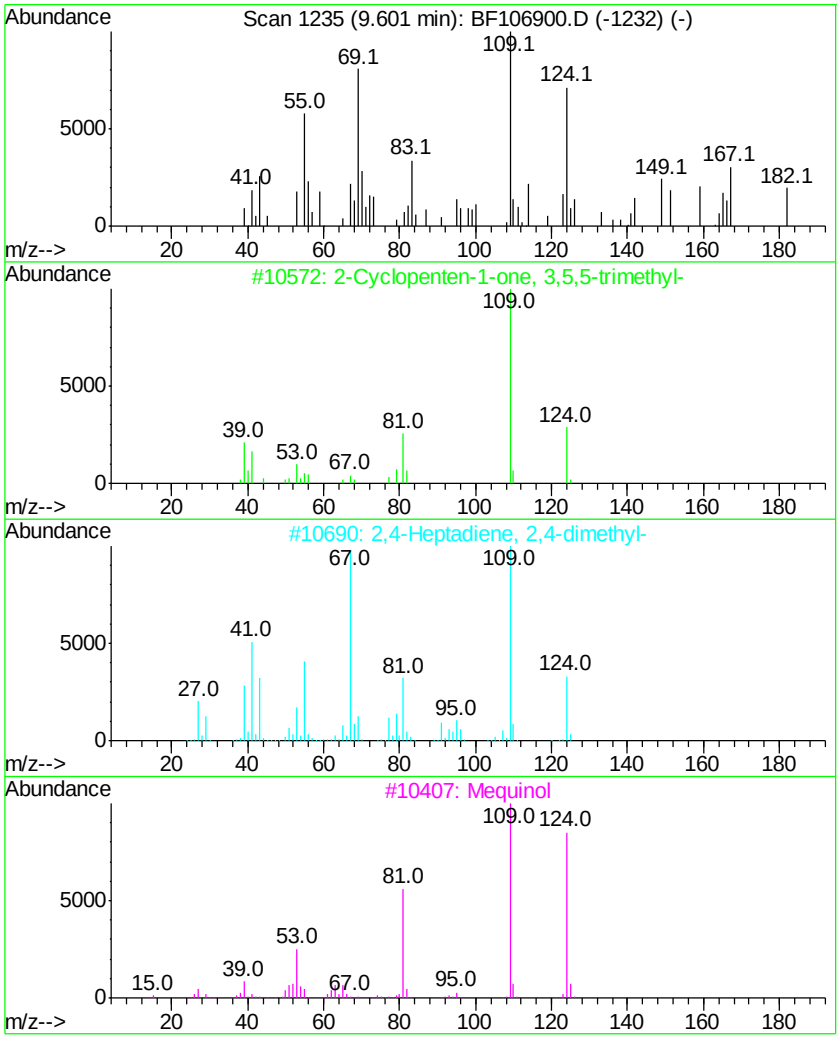
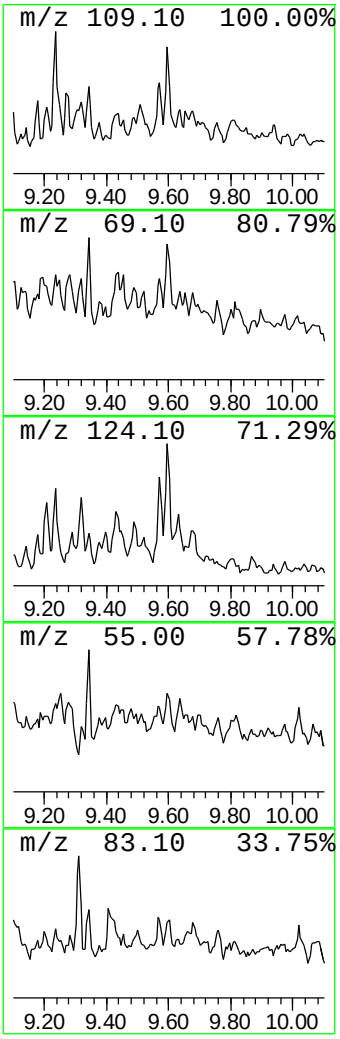
Peak Number 13 2-Cyclopenten-1-one, 3,5,5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.58 ng	39037	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	50
2	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	49
3	Mequinol	124	C7H8O2	000150-76-5	49
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	47
5	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	47





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Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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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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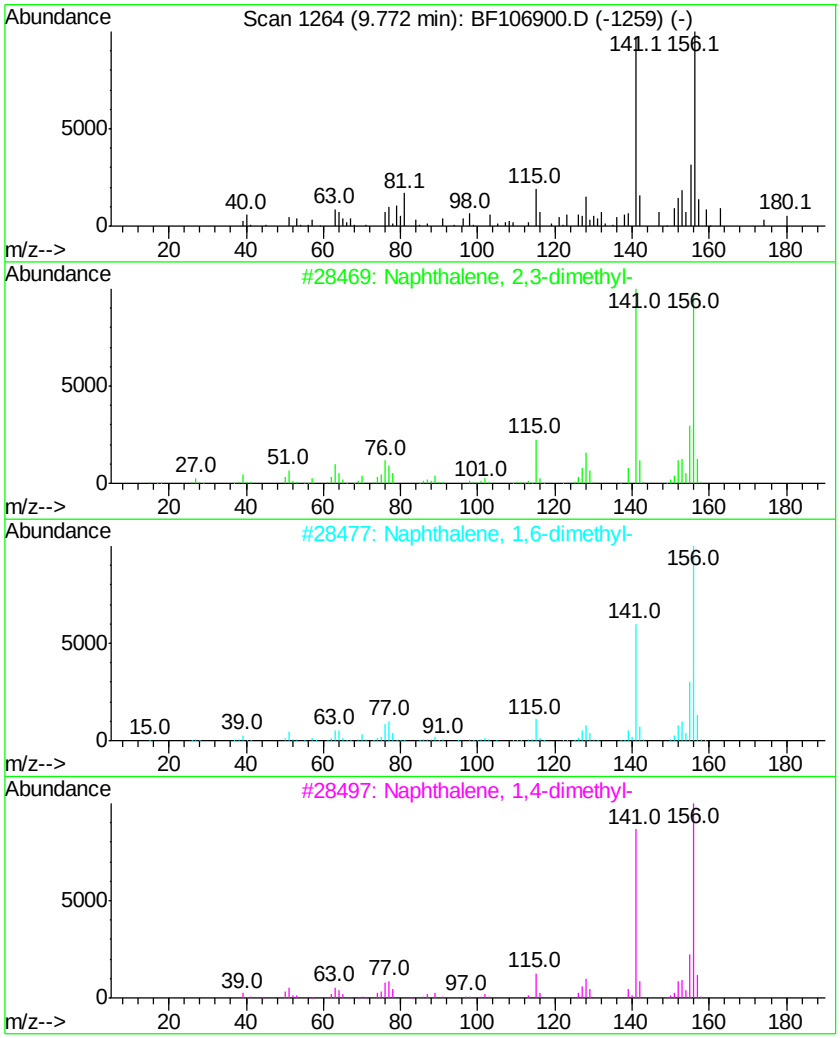
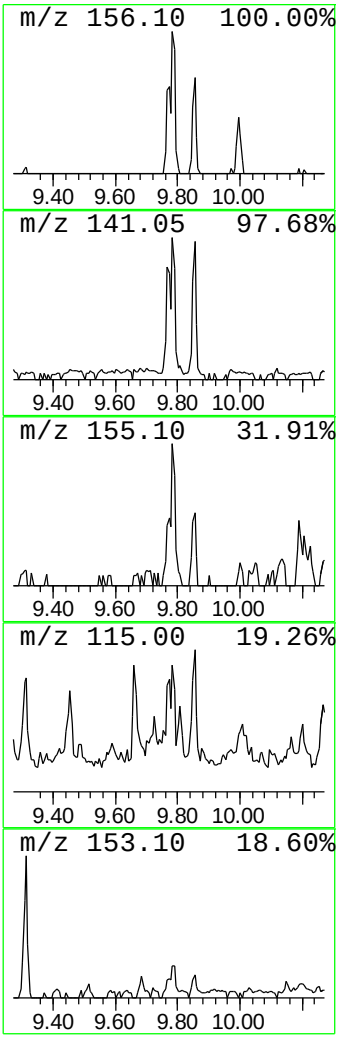
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.06 ng	46332	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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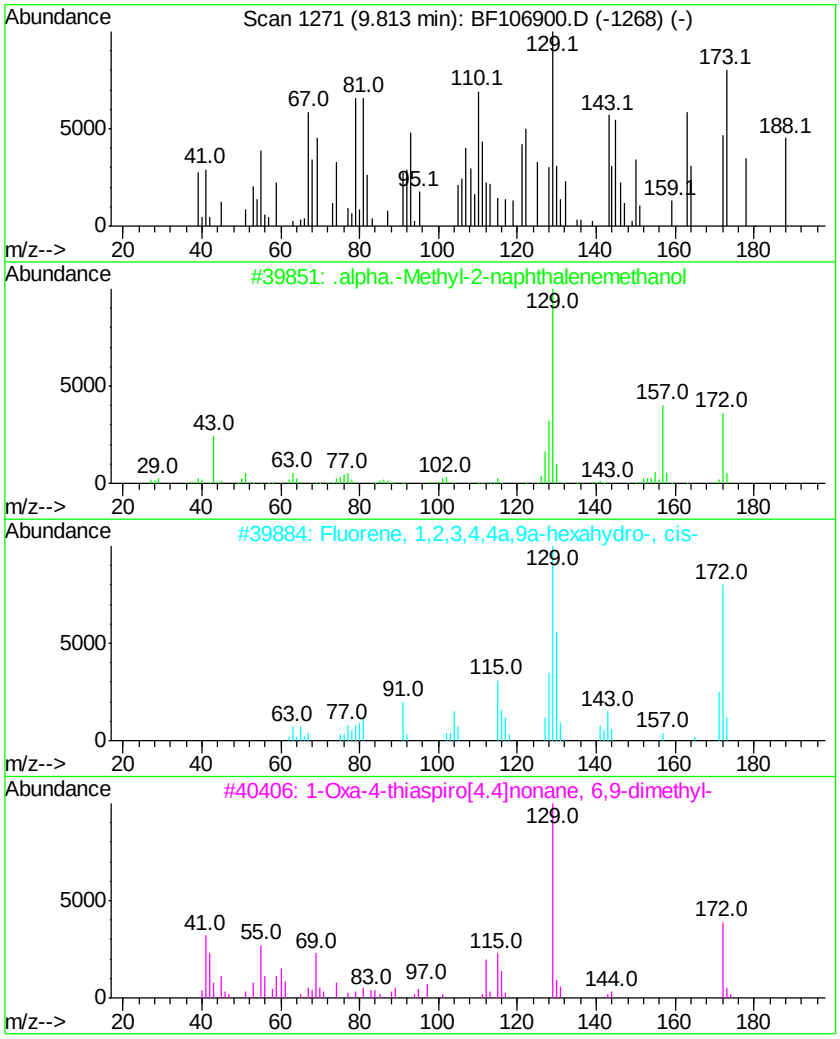
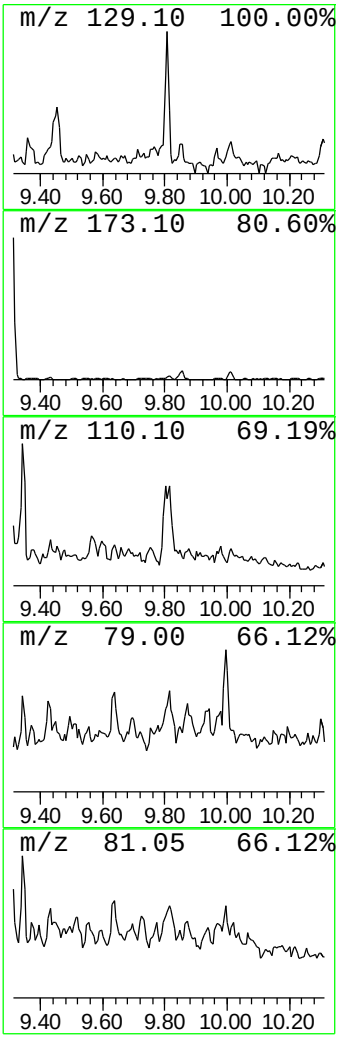
Peak Number 15 unknown9.81 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.56 ng	53835	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methyl-2-naphthalenemeth...	172	C12H12O	007228-47-9	47
2	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	43
3	1-Oxa-4-thiaspiro[4.4]nonane, 6,...	172	C9H16OS	057156-88-4	43
4	1-Phenylbicyclo(4.1.0)heptane	172	C13H16	002415-82-9	38
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	38





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Instrument : BNA_F
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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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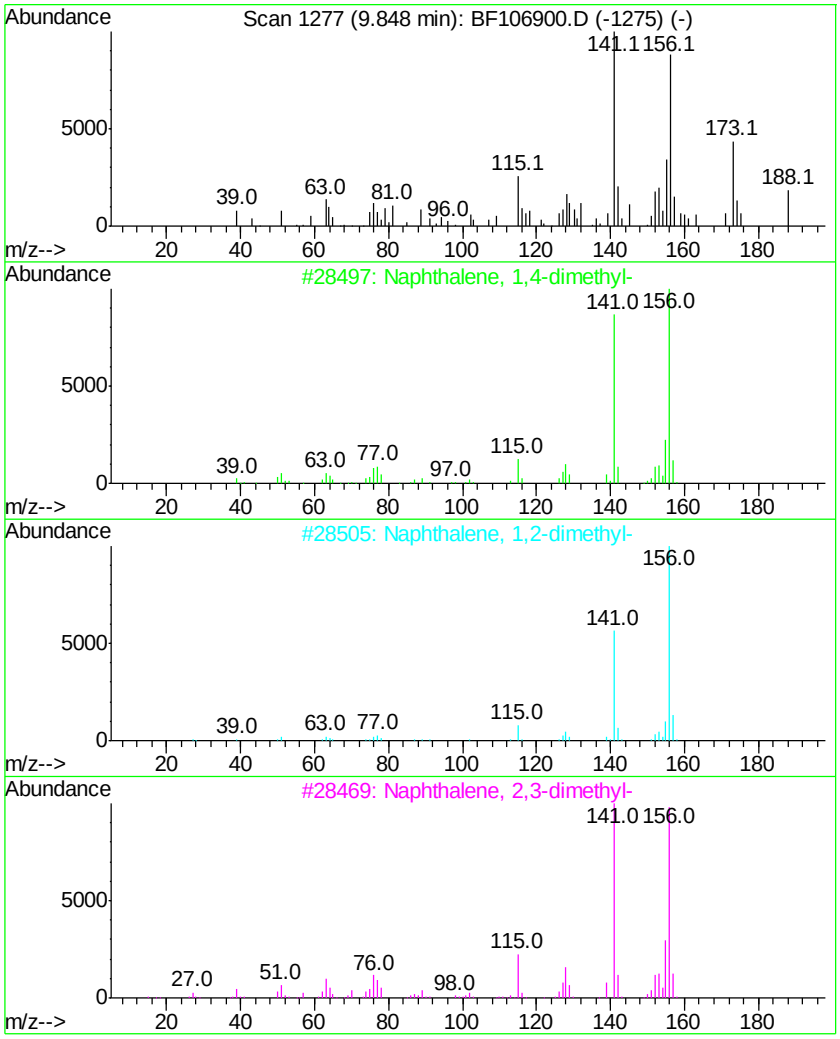
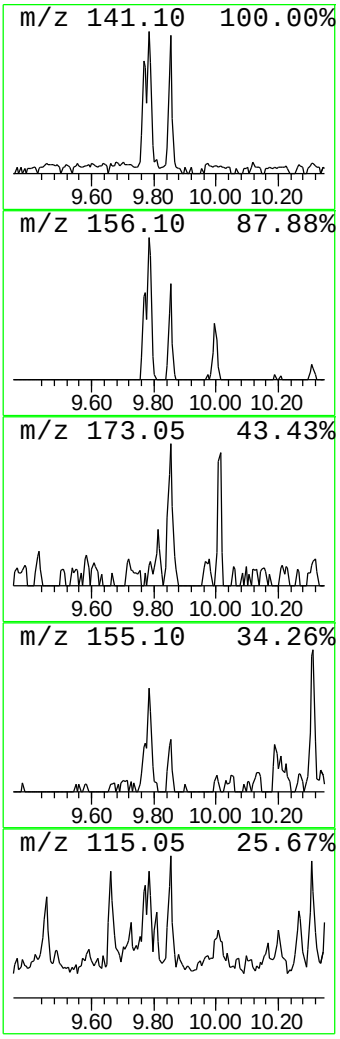
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.67 ng	40339	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83





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Instrument : BNA_F
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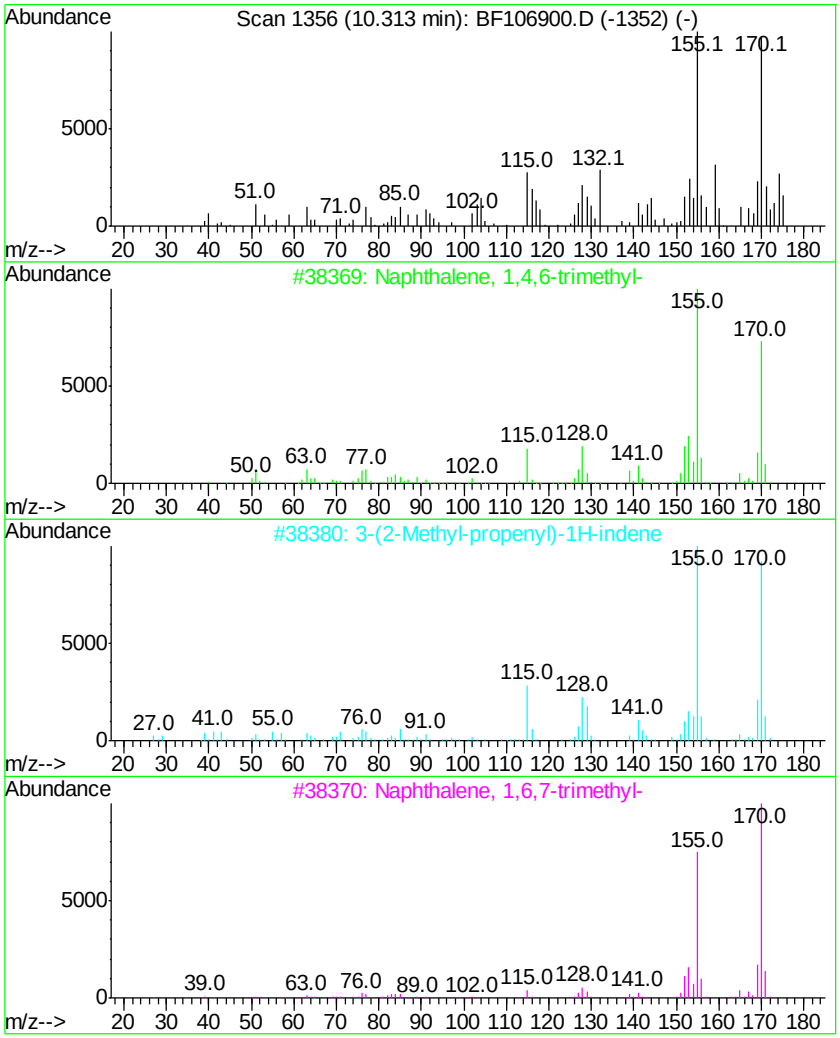
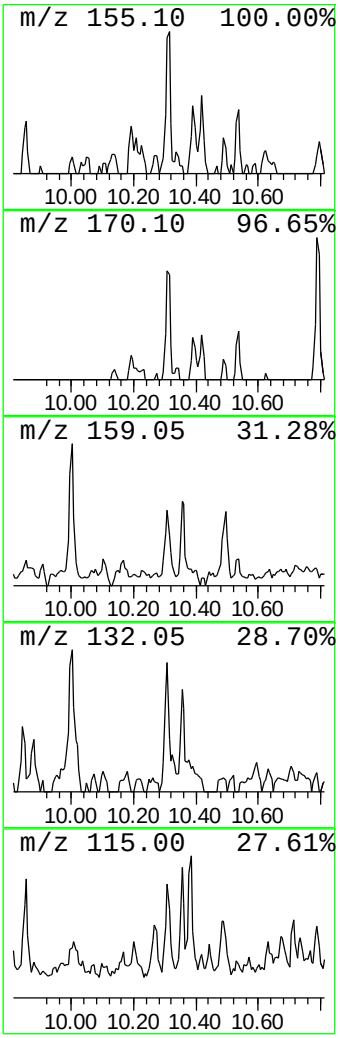
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.51 ng	68163	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	84
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





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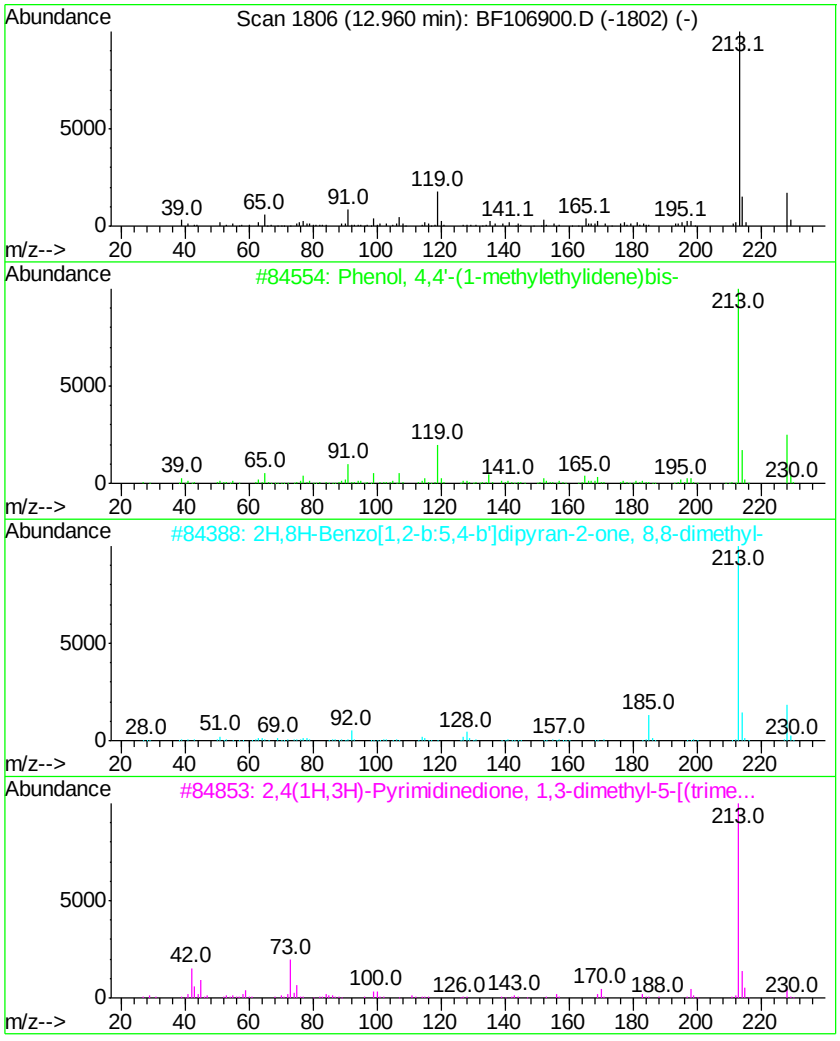
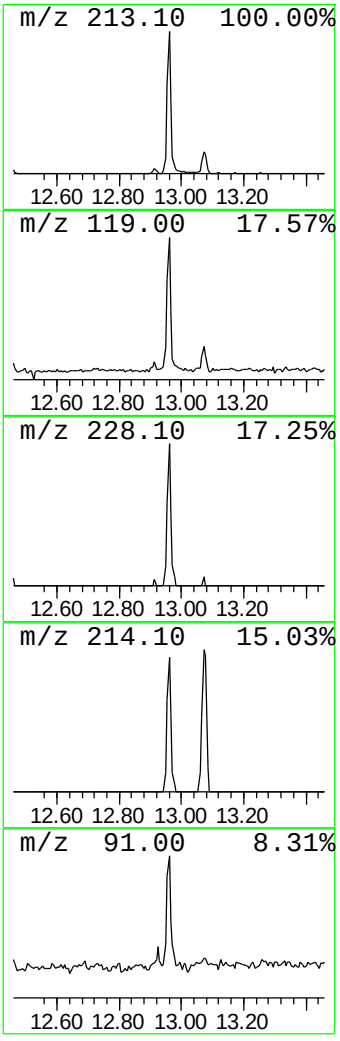
Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	6.29 ng	98650	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	45
4	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	45
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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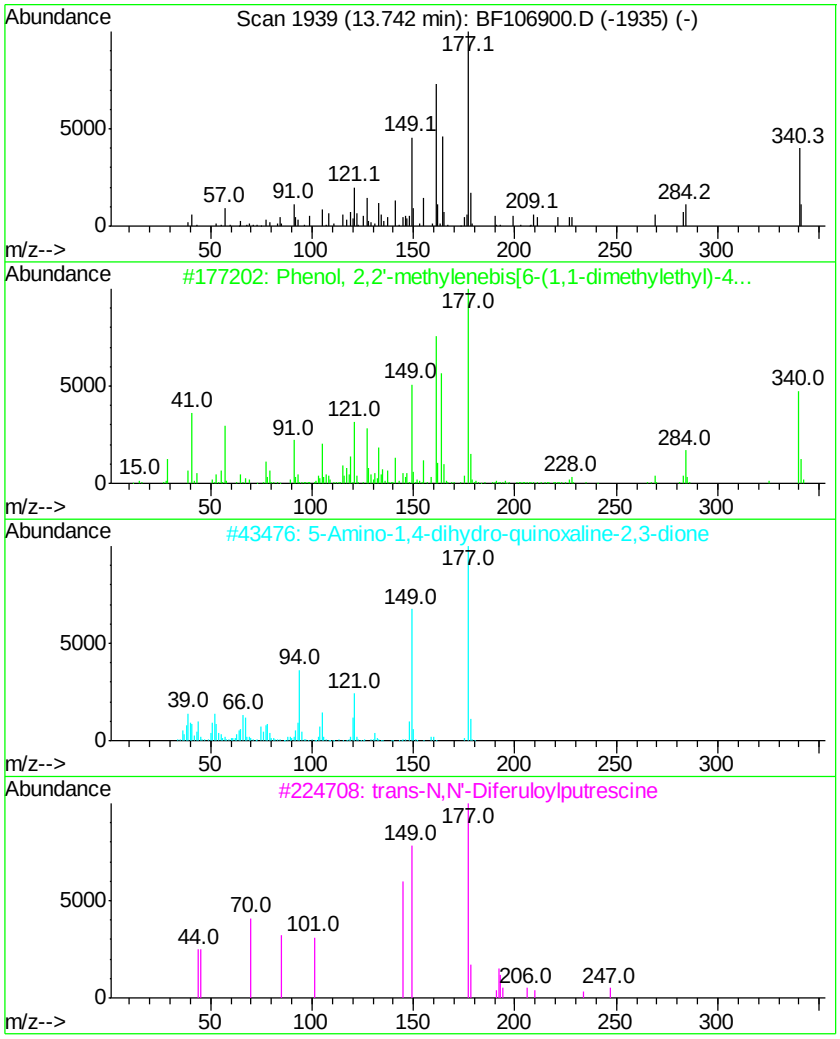
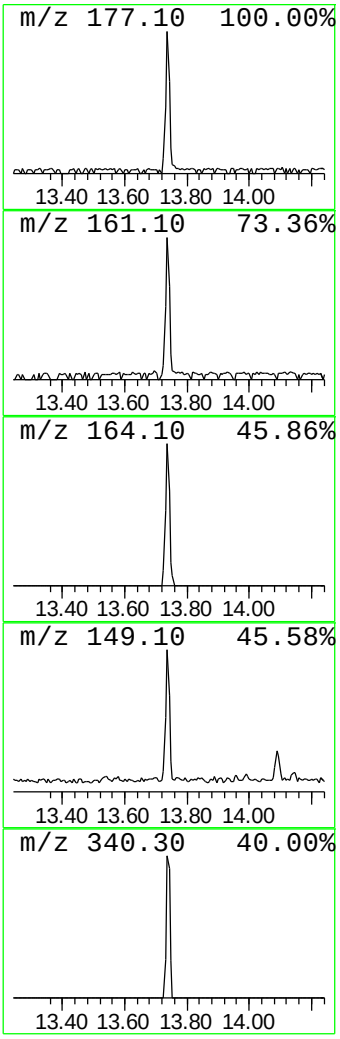
Peak Number 19 Phenol, 2,2'-methylenebis[6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.77 ng	59180	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis[6-(1,1...	340	C23H32O2	000119-47-1	95
2	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	27
3	trans-N,N'-Diferuloylputrescine	440	C24H28N2O6	042369-86-8	27
4	Terephthalic acid, ethyl 2-methy...	284	C17H16O4	1000323-59-9	22
5	1,3-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-53-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
Sample : J3705-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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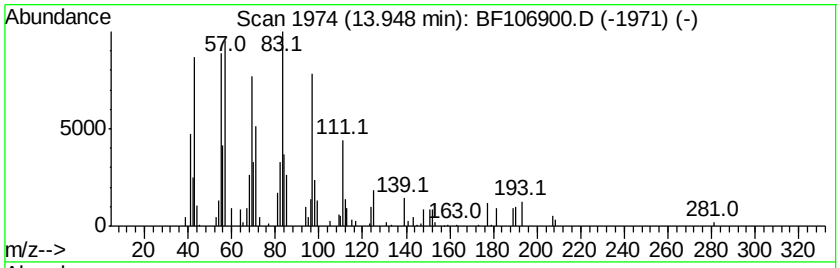
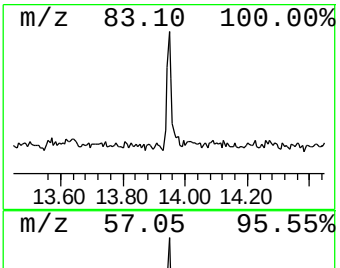
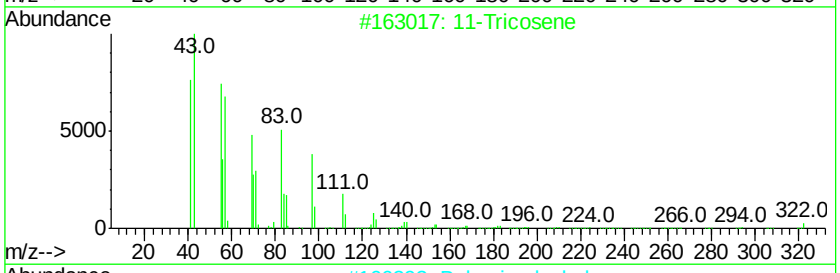
Peak Number 20 11-Tricosene Concentration Rank 14

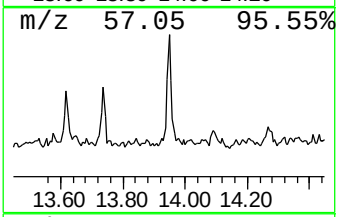
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.93 ng	45926	Chrysene-d12	14.14

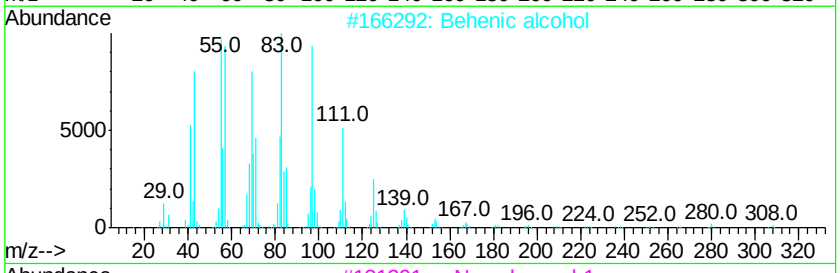
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87

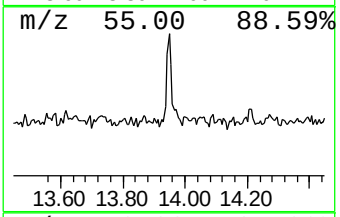


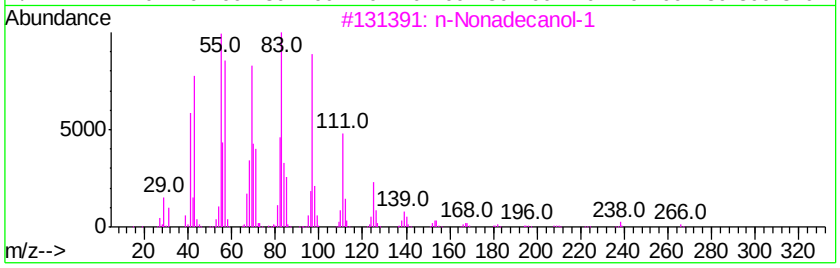


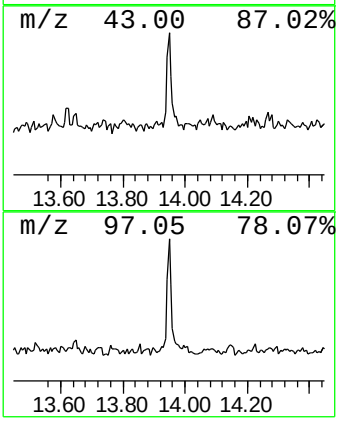












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106900.D
Acq On : 28 Jun 2018 4:40
Operator : JU/SJ
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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
2-Pentanone, 4-hy...	5.19	3.8	ng	49768	1	6.95	261848	20.0
unknown6.73	6.73	66.8	ng	875274	1	6.95	261848	20.0
Benzene, 1-(1-met...	8.52	2.4	ng	40068	2	8.24	329508	20.0
unknown8.57	8.57	3.2	ng	52234	2	8.24	329508	20.0
unknown8.62	8.62	3.4	ng	56658	2	8.24	329508	20.0
unknown8.71	8.71	3.7	ng	61137	2	8.24	329508	20.0
Benzene, pentamet...	8.79	7.3	ng	120864	2	8.24	329508	20.0
unknown9.00	9.00	3.7	ng	61097	2	8.24	329508	20.0
unknown9.14	9.14	2.3	ng	34573	3	10.00	302603	20.0
Ethanone, 1-(2-hy...	9.25	2.9	ng	43129	3	10.00	302603	20.0
unknown9.43	9.43	2.8	ng	42672	3	10.00	302603	20.0
2-Cyclopenten-1-o...	9.60	2.6	ng	39037	3	10.00	302603	20.0
Naphthalene, 2,3-...	9.77	3.1	ng	46332	3	10.00	302603	20.0
unknown9.81	9.81	3.6	ng	53835	3	10.00	302603	20.0
Naphthalene, 1,4-...	9.85	2.7	ng	40339	3	10.00	302603	20.0
Naphthalene, 1,4,...	10.31	4.5	ng	68163	3	10.00	302603	20.0
Phenol, 4,4'-(1-m...	12.96	6.3	ng	98650	5	14.14	313653	20.0
Phenol, 2,2'-meth...	13.74	3.8	ng	59180	5	14.14	313653	20.0
11-Tricosene	13.95	2.9	ng	45926	5	14.14	313653	20.0