LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	3.669	262	269	277	rBV	102353	159165	4.34%	0.279%
2	5.410	562	565	576	rVB	233525	234875	6.40%	0.412%
3	6.434	736	739	749	rBV	140200	156951	4.28%	0.276%
4	6.569	758	762	767	rBV	537498	472324	12.87%	0.829%
5	6.798	797	801	806	rBV	794939	639043	17.41%	1.122%
6	6.951	824	827	834	rVB	562712	474638	12.93%	0.833%
7	7.363	893	897	900	rBV	363054	327251	8.92%	0.575%
8	8.087	1016	1020	1023	rBV	909033	794183	21.64%	1.394%
9	8.586	1102	1105	1107	rBV	120586	92190	2.51%	0.162%
10	8.751	1129	1133	1138	rBV5	57009	106645	2.91%	0.187%
11	8.822	1142	1145	1148	rBV3	98958	112040	3.05%	0.197%
12	8.904	1153	1159	1161	rBV4	91578	176518	4.81%	0.310%
13	9.010	1172	1177	1180	rBV	572698	586577	15.98%	1.030%
14	9.051	1181	1184	1186	rVV	320047	310463	8.46%	0.545%
15	9.075	1186	1188	1190	rVV3	165222	153321	4.18%	0.269%
16	9.098	1190	1192	1194	rVV	142347	130456	3.55%	0.229%
17	9.157	1198	1202	1206	rBV	819966	786861	21.44%	1.381%
18	9.198	1206	1209	1211	rBV3	108495	105968	2.89%	0.186%
19	9.228	1211	1214	1218	rBV	1495868	1493880	40.71%	2.623%
20	9.281	1220	1223	1224	rVV2	142829	123759	3.37%	0.217%
21	9.304	1225	1227	1230	rVV3	146212	173040	4.71%	0.304%
22	9.345	1231	1234	1238	rVB2	340553	470316	12.82%	0.826%
23	9.469	1253	1255	1257	rBV2	181629	184778	5.03%	0.324%
24	9.492	1257	1259	1263	rVV4	398177	460477	12.55%	0.808%
25	9.545	1266	1268	1272	rVV2	1871340	1870497	50.97%	3.284%
26	9.604	1276	1278	1282	rVB2	483550	513828	14.00%	0.902%
27	9.704	1292	1295	1298	rBV3	1247149	1394140	37.99%	2.448%
28	9.751	1300	1303	1306	rVB	2184599	2068437	56.36%	3.632%
29	9.792	1308	1310	1312	rVV	446652	433997	11.83%	0.762%
30	9.822	1312	1315	1318	rVV3	1015494	1447146	39.43%	2.541%
31	9.886	1322	1326	1328	rBV3	503154	734122	20.00%	1.289%
32	9.951	1335	1337	1341	rBV3	401293	494907	13.49%	0.869%
33	10.181	1371	1376	1379	rBV3	1113415	2149121	58.56%	3.773%
34	10.216	1380	1382	1385	rVV2	804424	841480	22.93%	1.477%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.257	1386	1389	1392	rBV3	1830908	2091850	57.00%	3.673%
36	10.775	1474	1477	1480	rBV3	1219445	1470600	40.07%	2.582%
37	11.304	1563	1567	1570	rBV	1762301	2215753	60.37%	3.890%
38	11.357	1574	1576	1579	rBV	970829	1000581	27.26%	1.757%
39	11.457	1590	1593	1595	rBV	944393	880975	24.00%	1.547%
40	11.569	1609	1612	1615	rBV	1244685	1500774	40.89%	2.635%
41	11.757	1638	1644	1646	rBV	2149680	3669996	100.00%	6.443%
42	12.163	1709	1713	1715	rBV	1859743	1957778	53.35%	3.437%
43	14.863	2168	2172	2179	rVB4	1560685	3274908	89.23%	5.750%
44	14.927	2180	2183	2190	rBV6	955749	2143917	58.42%	3.764%
45	15.057	2199	2205	2210	rBV3	1821789	3449495	93.99%	6.056%
46	15.186	2222	2227	2230	rVB2	1386003	2081831	56.73%	3.655%
47	15.263	2236	2240	2245	rVV4	623752	1367483	37.26%	2.401%
48	15.310	2245	2248	2258	rVB4	1025424	1830556	49.88%	3.214%
49	15.398	2258	2263	2268	rVB2	1611077	2559861	69.75%	4.494%
50	15.545	2281	2288	2292	rVB2	838815	1705734	46.48%	2.995%
51	15.798	2328	2331	2341	rVB	646495	1067361	29.08%	1.874%
52	16.174	2392	2395	2407	rVB	285825	638145	17.39%	1.120%
53	16.598	2463	2467	2475	rVB	403795	740063	20.17%	1.299%
54	17.951	2692	2697	2708	rVB2	244434	636050	17.33%	1.117%

Sum of corrected areas: 56957105

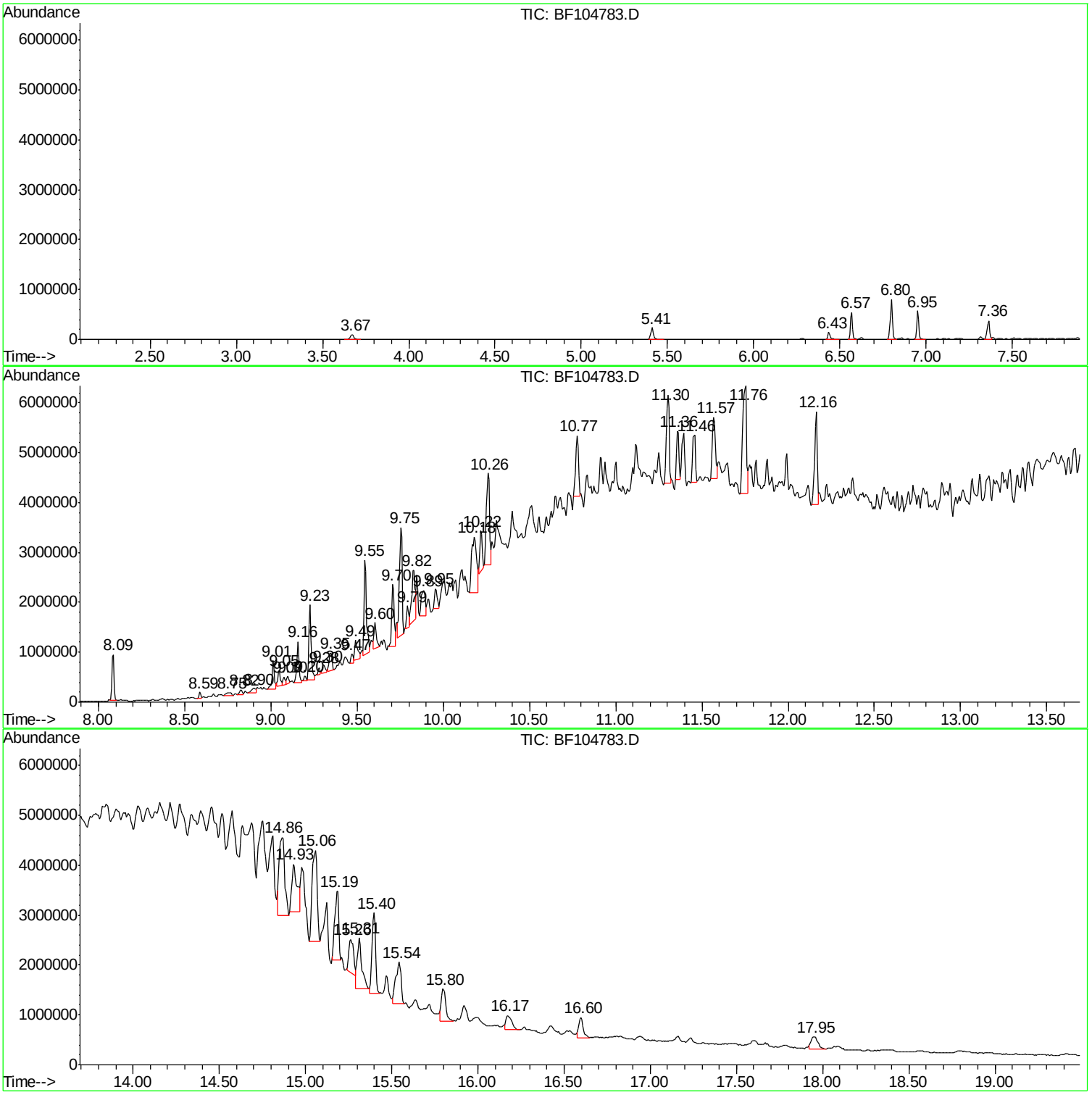
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

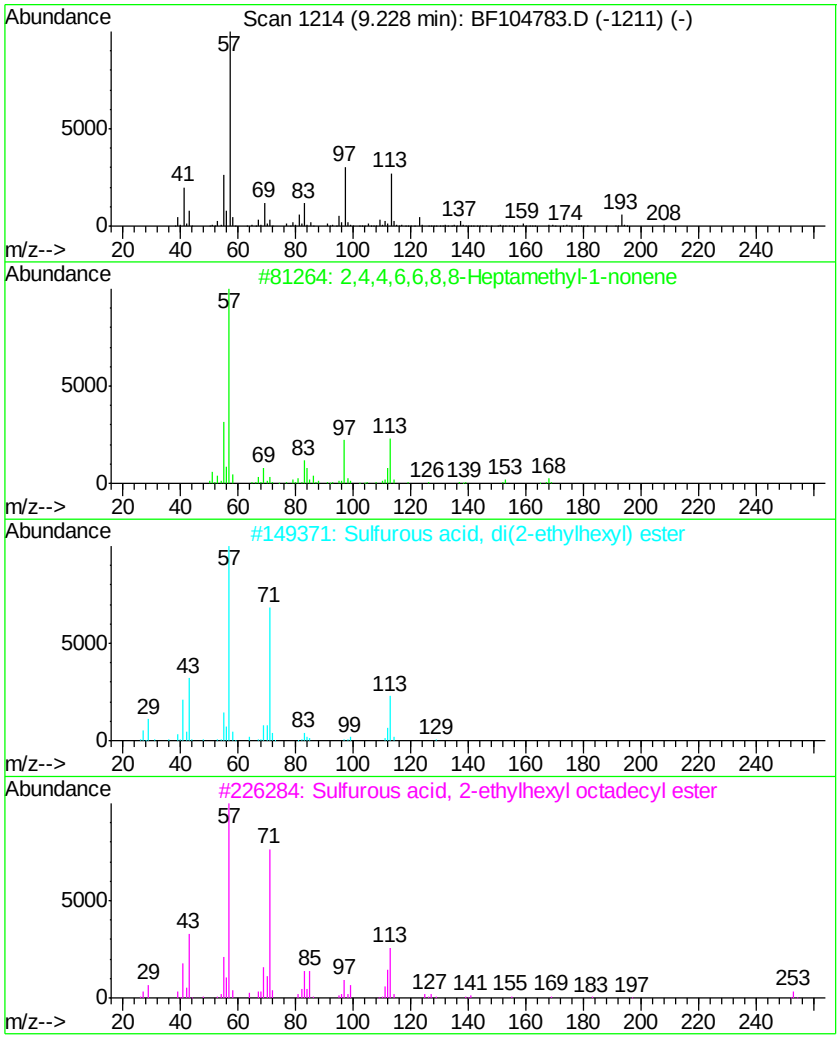
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

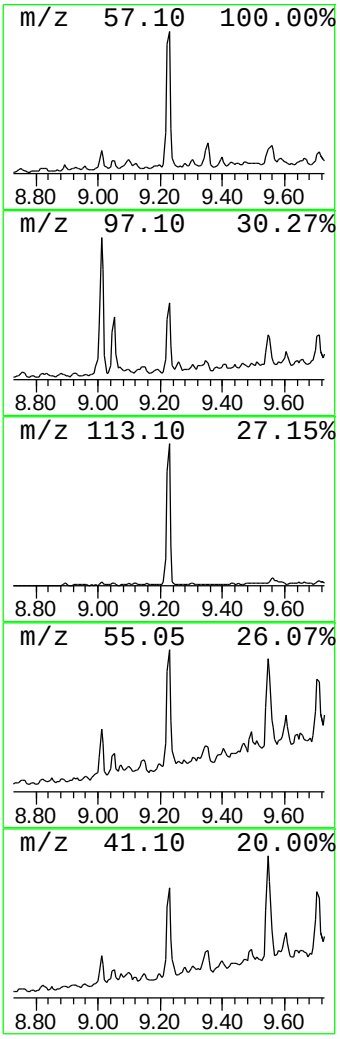
****

Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	20.65 ng	1493880	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	43
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	40
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	38
5	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

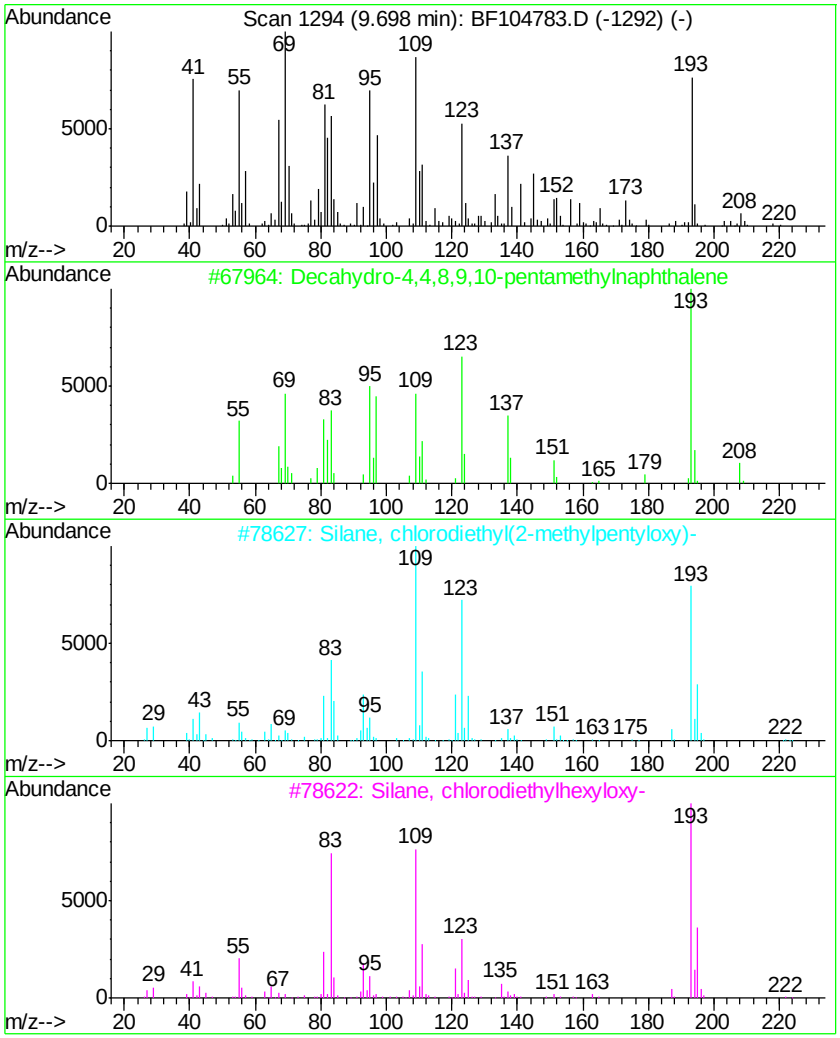
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

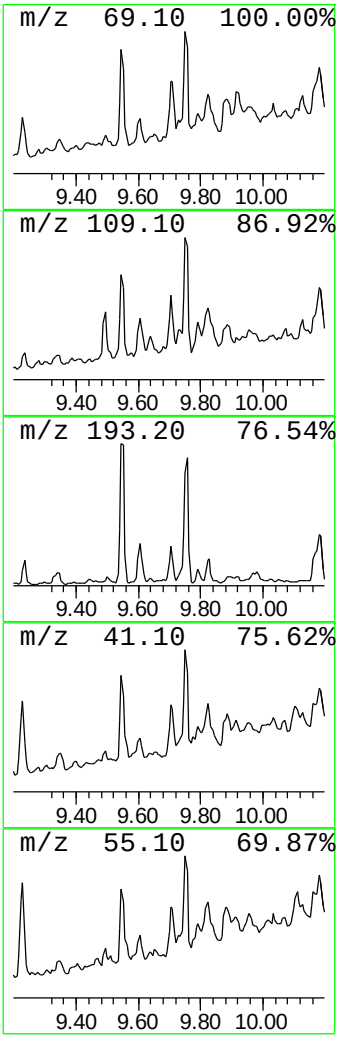
****

Peak Number 4 unknown9.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	19.27 ng	1394140	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	43
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25
5	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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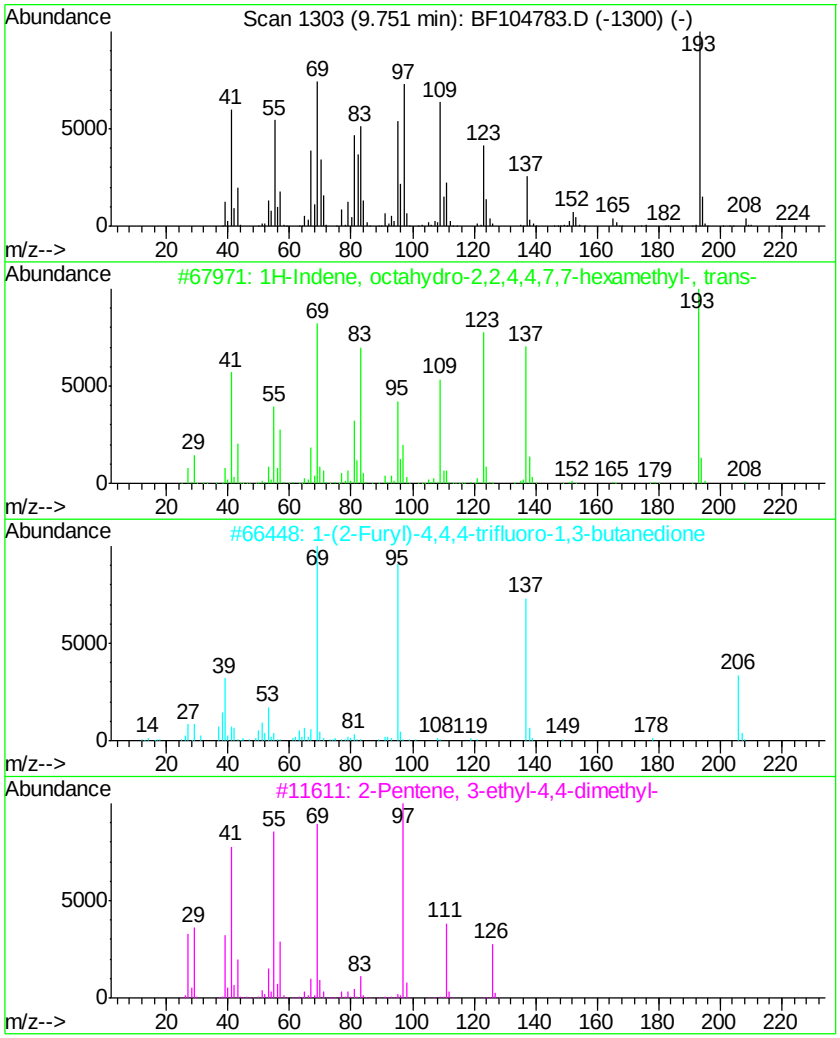
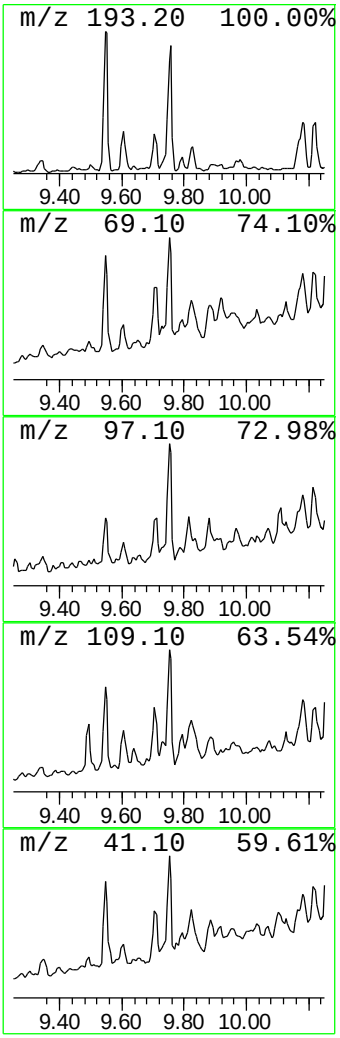
Peak Number 5 1H-Indene, octahydro-2,2,4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	28.59 ng	2068440	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	53
2	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206	C8H5F3O3	000326-90-9	22
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
4	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	22
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

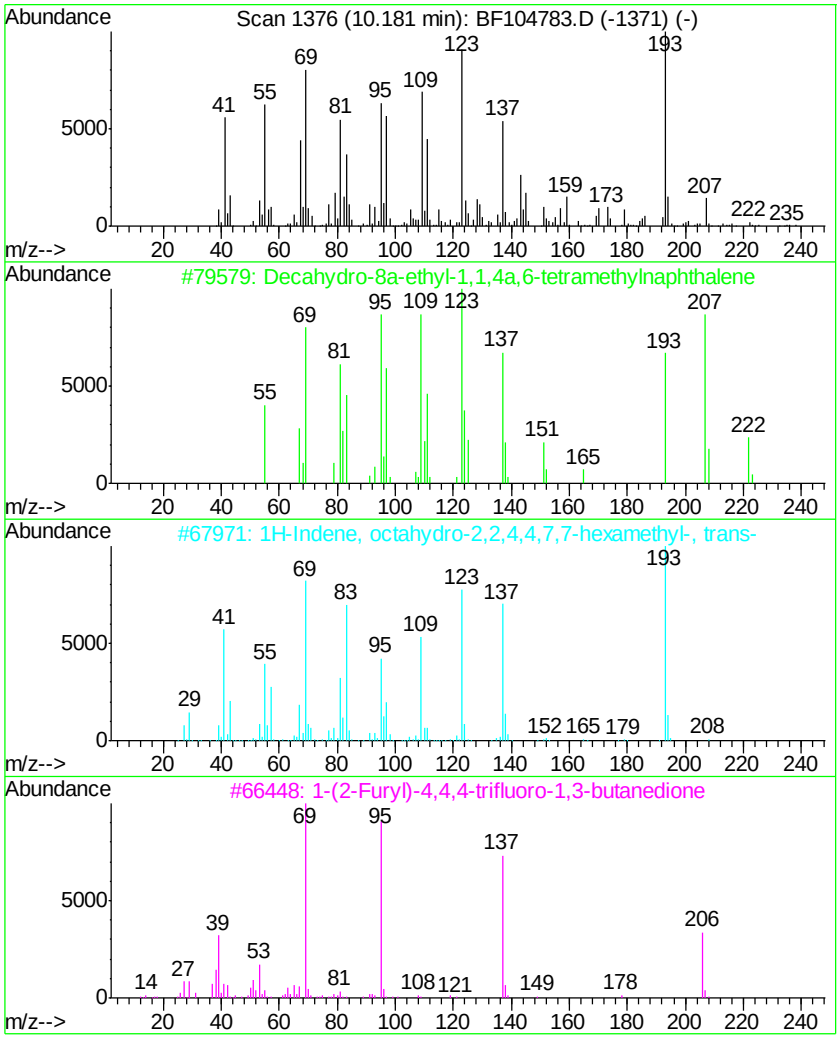
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

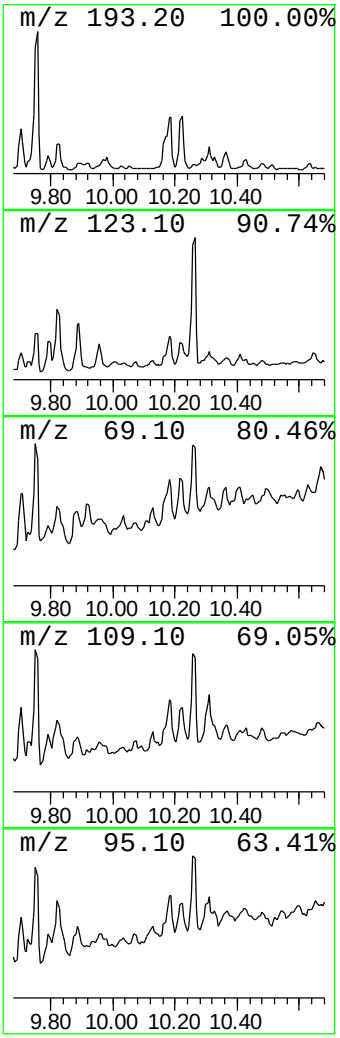
****

Peak Number 6 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	29.70 ng	2149120	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	72
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
3	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206	C8H5F3O3	000326-90-9	22
4	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	14
5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

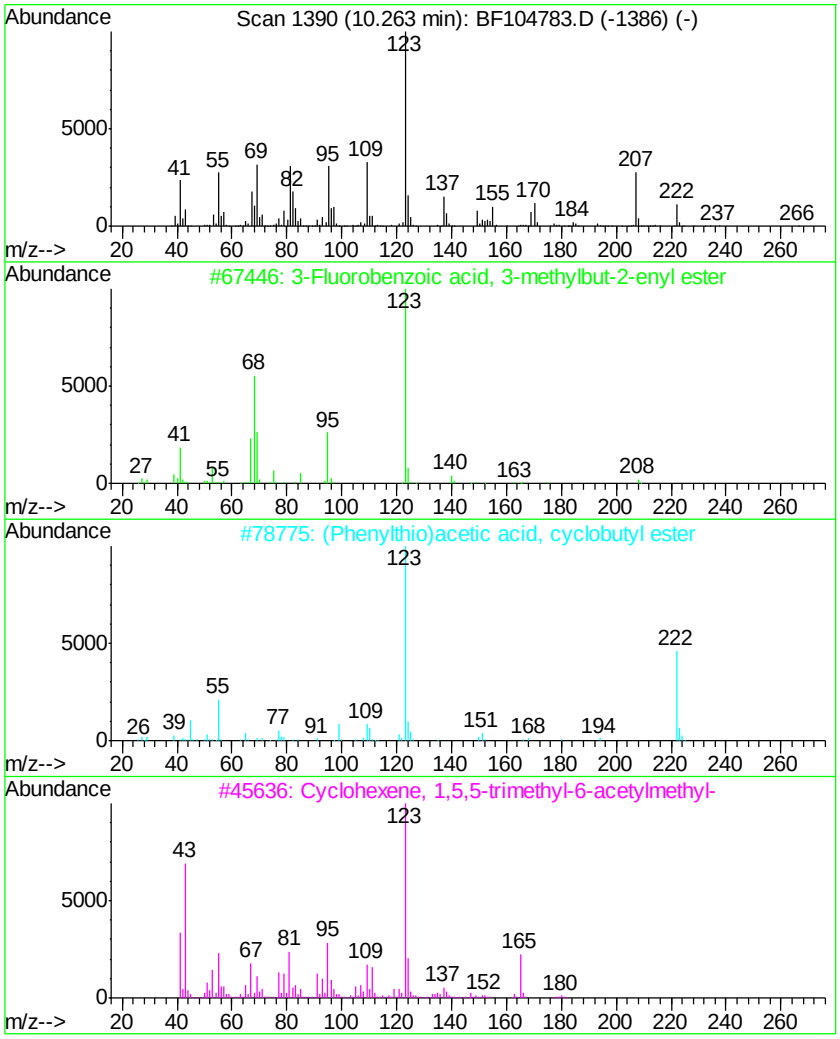
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

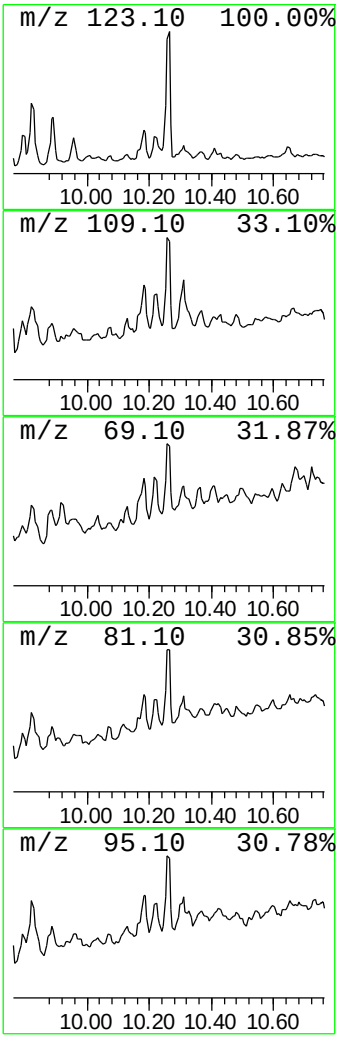
****

Peak Number 7 unknown10.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	28.91 ng	2091850	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
2	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	43
3	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	43
4	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	38
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

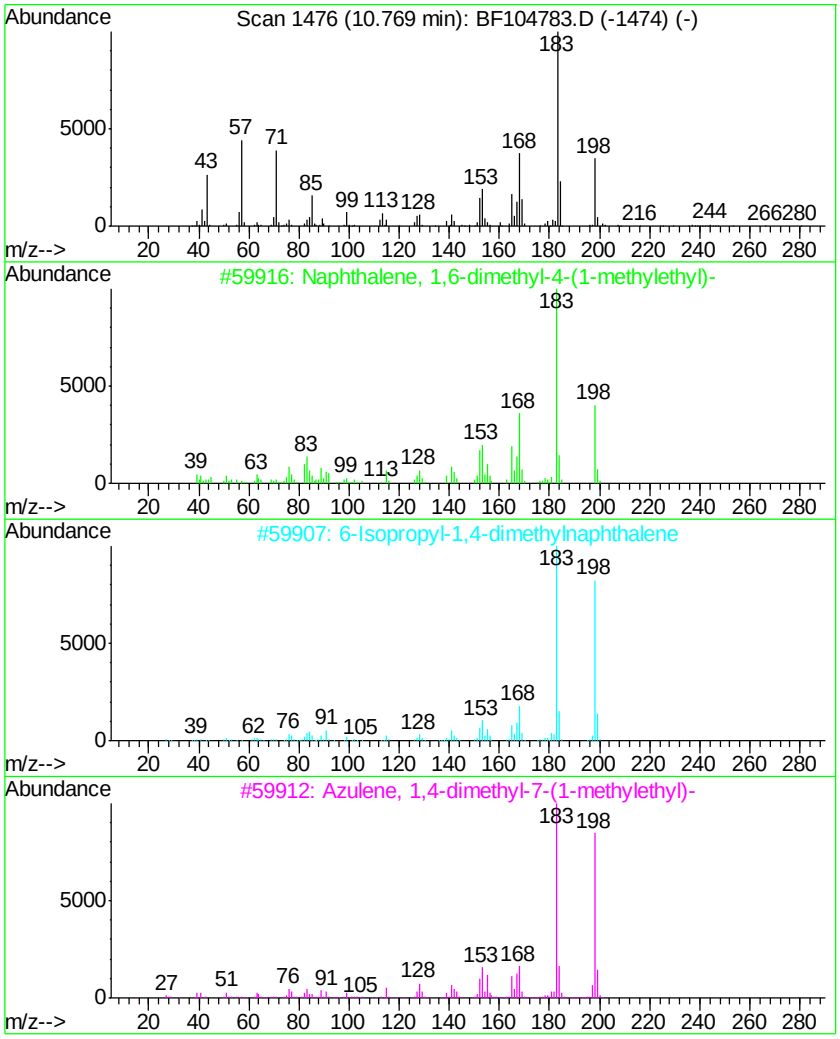
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

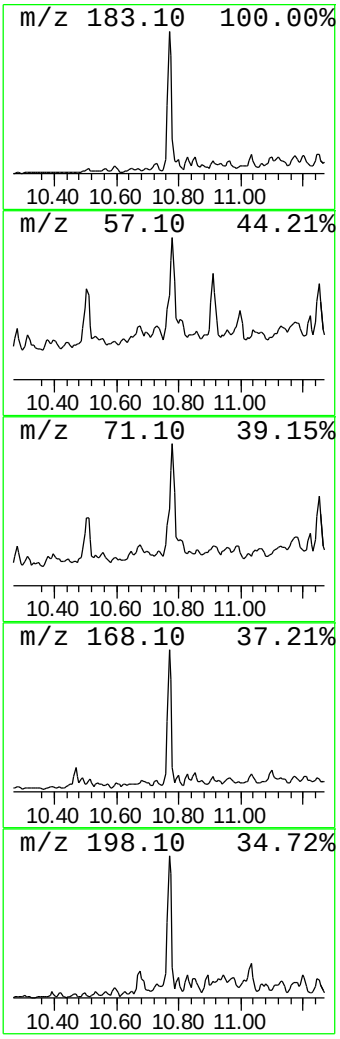
****

Peak Number 8 Naphthalene, 1,6-dimethyl-4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	29.39 ng	1470600	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	70
2	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	50
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	45
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

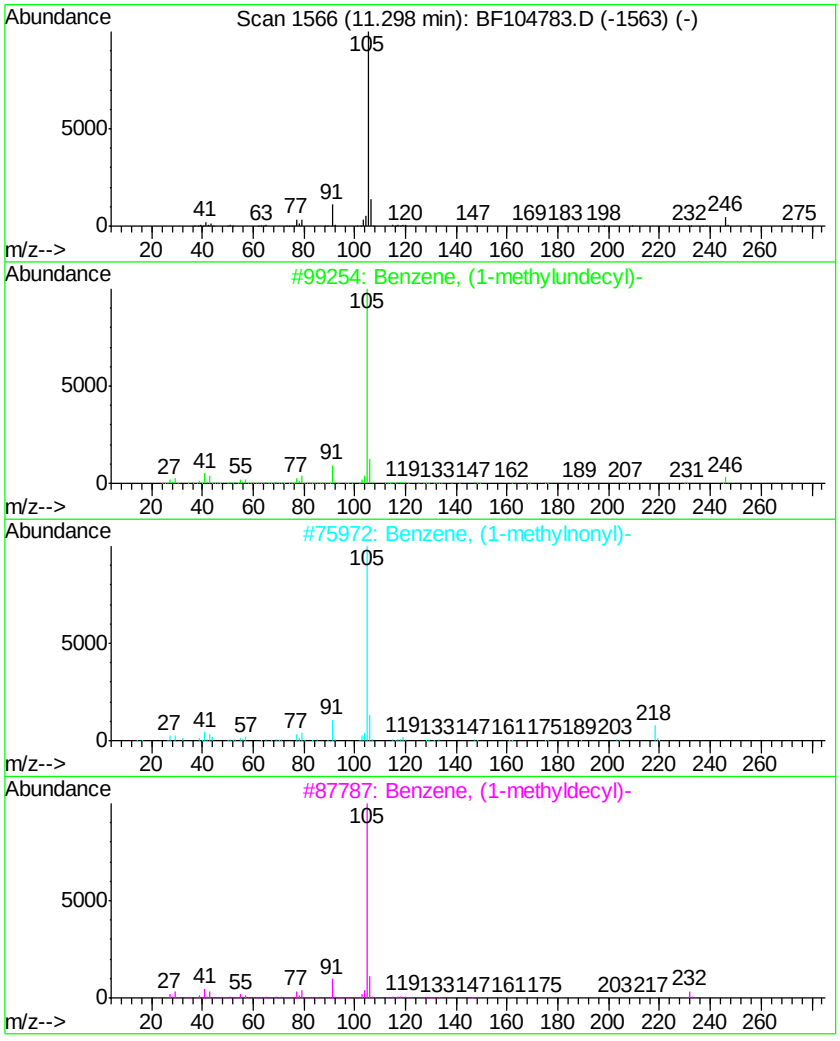
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

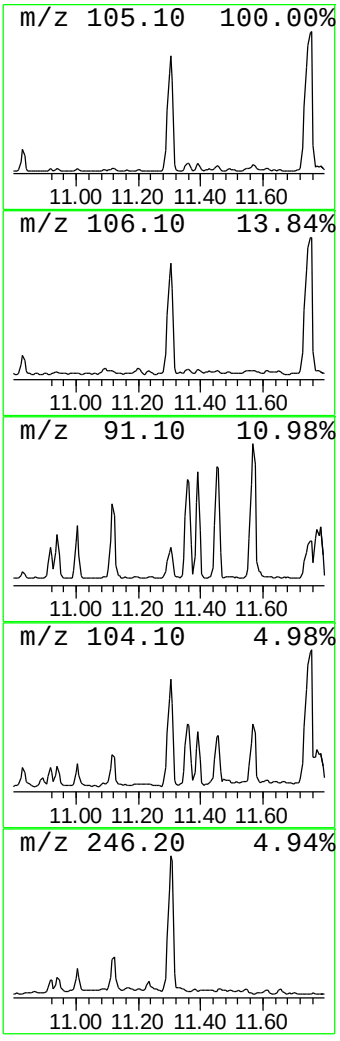
****

Peak Number 9 Benzene, (1-methylundecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	44.29 ng	2215750	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	91
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	56
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	50
5	Benzene, (1,3,3-trimethylnonyl)-	246	C18H30	054986-44-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

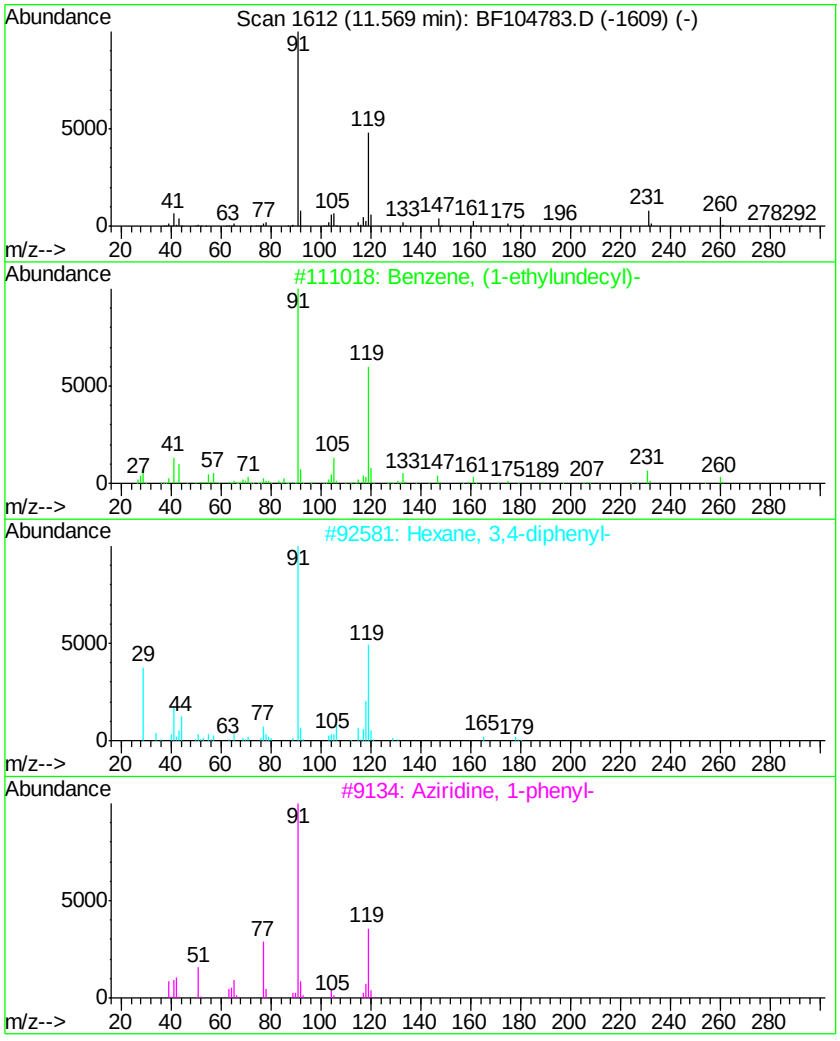
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

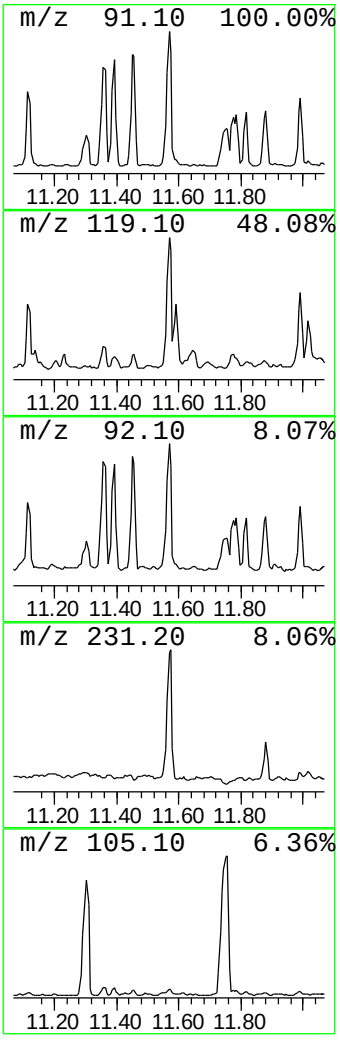
****

Peak Number 11 Benzene, (1-ethylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	30.00 ng	1500770	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	64
3	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	64
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	56
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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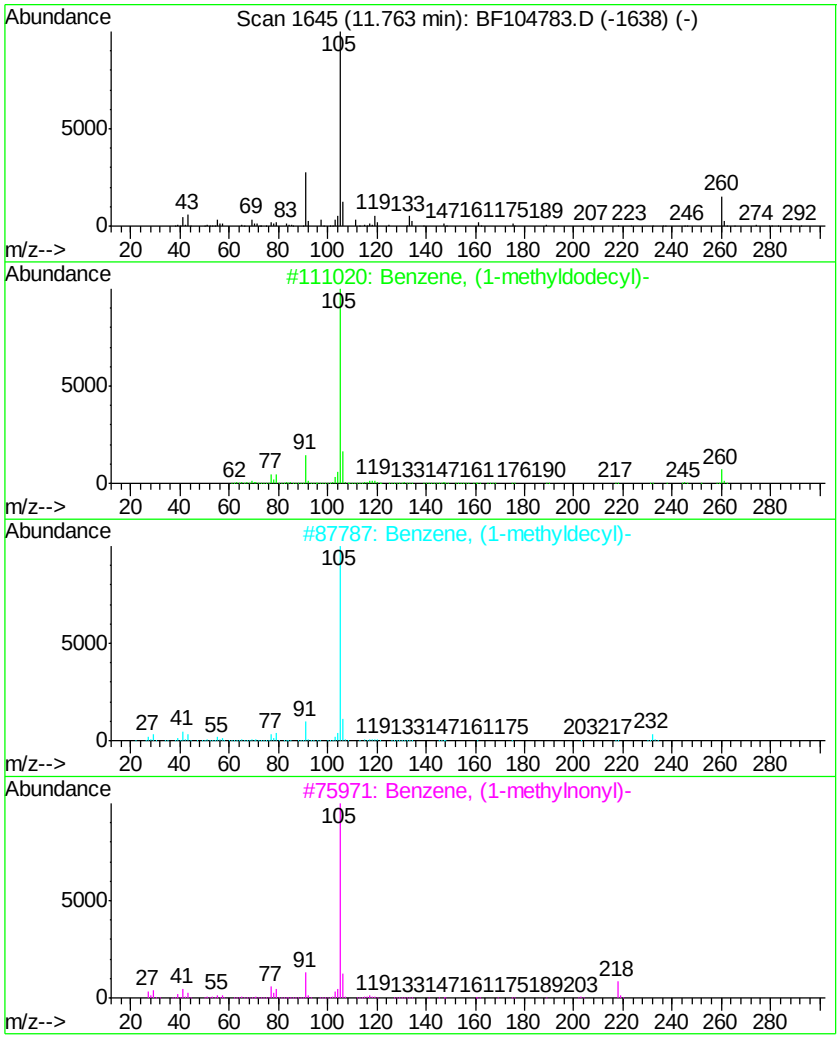
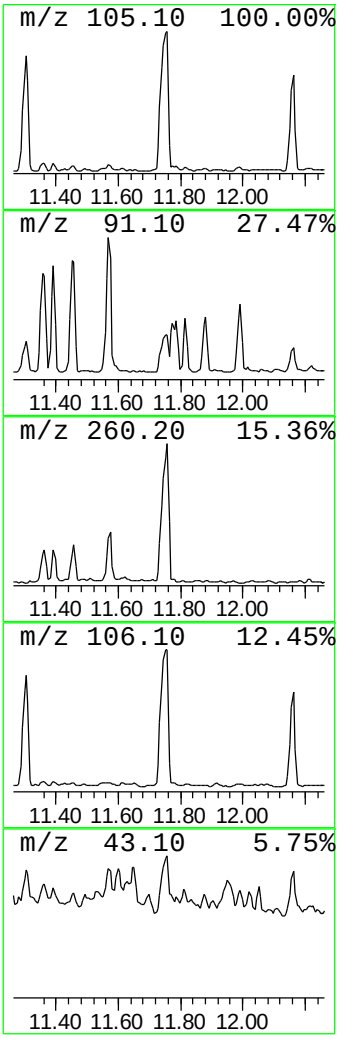
Peak Number 12 Benzene, (1-methyldodecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	73.36 ng	3670000	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	87
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	Phthalic acid, 4-methoxyphenyl 2...	376	C23H20O5	1000315-58-2	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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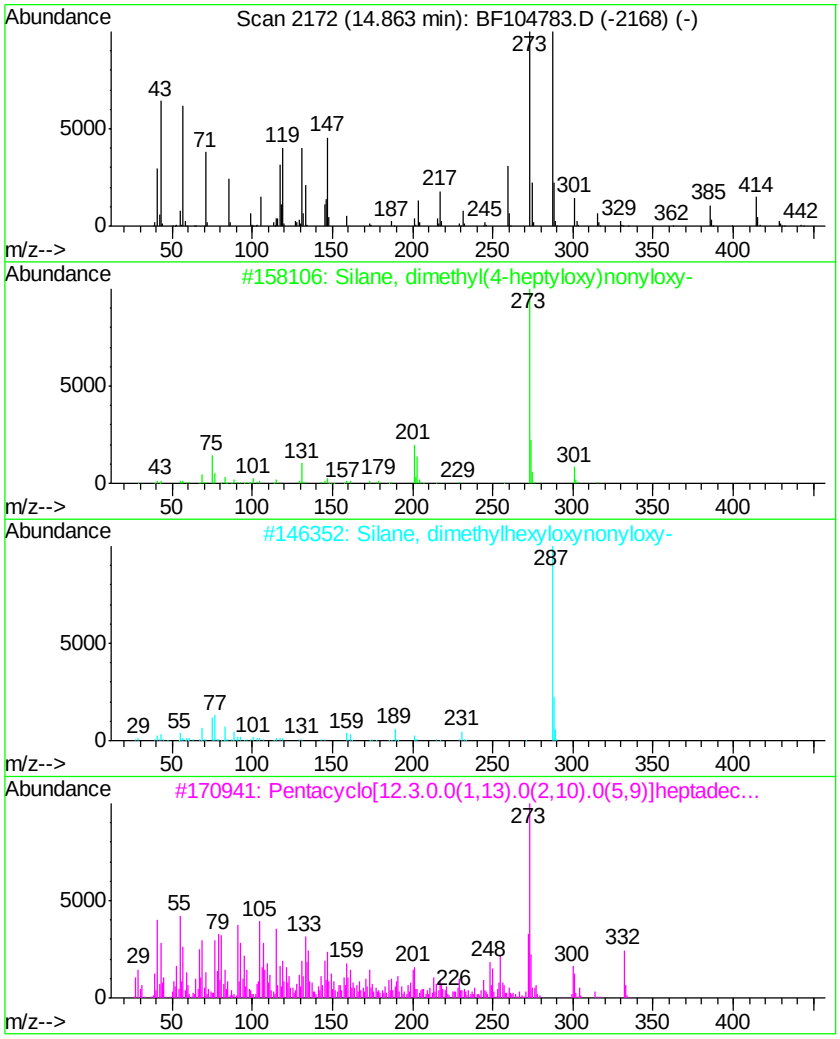
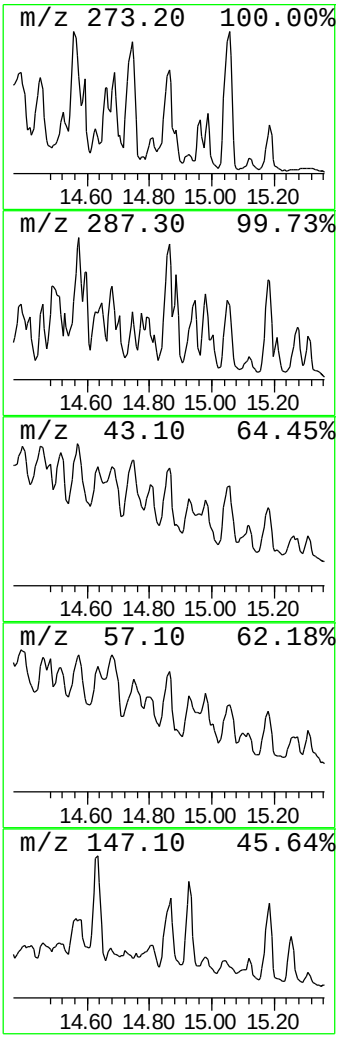
Peak Number 14 unknown14.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	38.40 ng	3274910	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(4-heptyloxy)non...	316	C18H40O2Si	1000347-60-4	14
2	Silane, dimethylhexyloxynonyloxy-	302	C17H38O2Si	1000346-90-8	14
3	Pentacyclo[12.3.0.0(1,13).0(2,10...	332	C20H28O4	1000192-08-1	12
4	Pyrazolo[1,5-a]pyrimidine, 6,7-d...	273	C18H15N3	186956-30-9	11
5	Pyrrolidine-3-carboxamide, N-(3,...	354	C17H20Cl2N2O2	309921-63-9	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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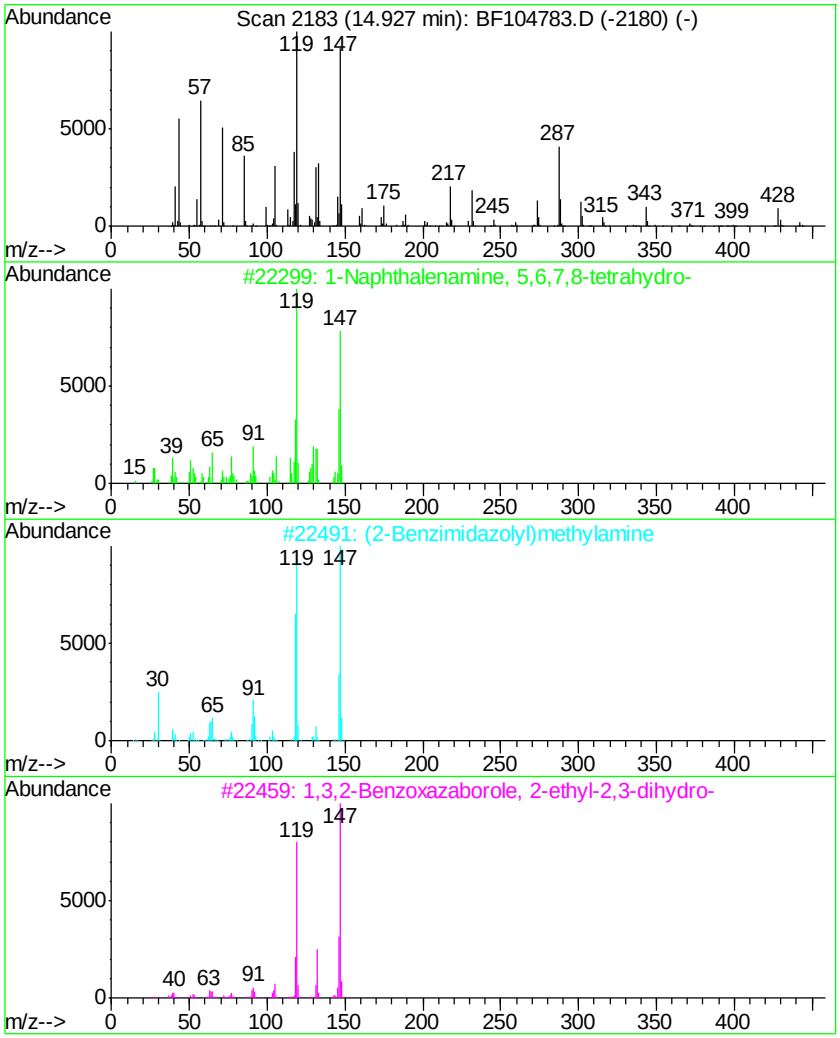
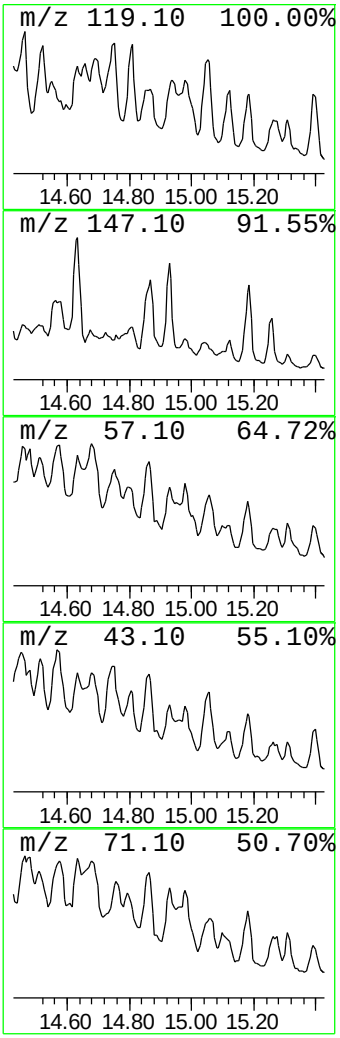
Peak Number 15 unknown14.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	25.14 ng	2143920	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	43
2	(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	38
3	1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	38
4	1H-Isochromene-3-carboxylic acid...	220	C12H12O4	016266-88-9	38
5	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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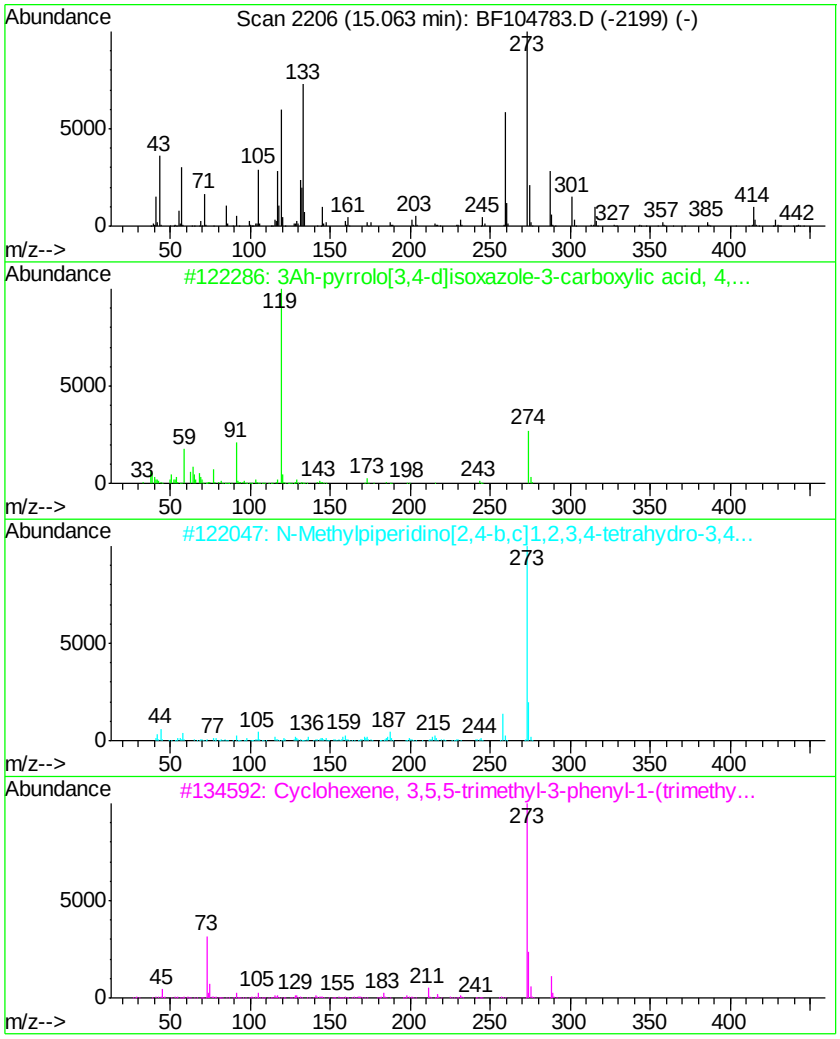
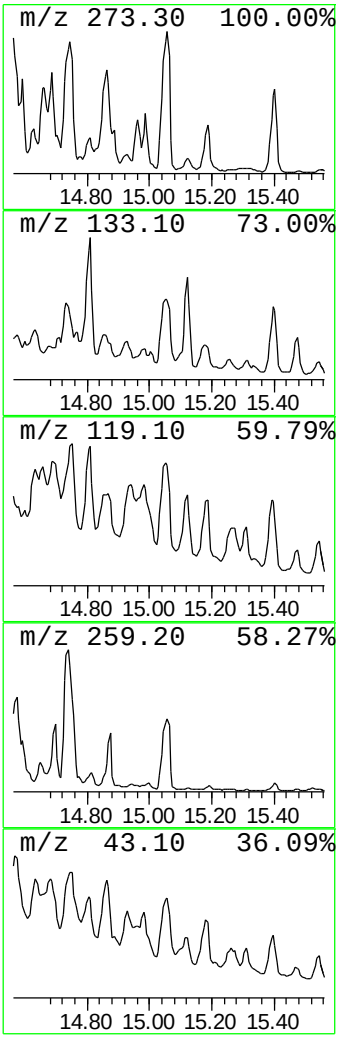
Peak Number 16 unknown15.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	40.45 ng	3449500	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3Ah-pyrrolo[3,4-d]isoxazole-3-ca...	274	C13H10N2O5	1000317-17-8	18
2	N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	18
3	Cyclohexene, 3,5,5-trimethyl-3-p...	288	C18H28OSi	172468-18-7	14
4	3,3,6,6,9-Pentamethyl-3,4,5,6,7,...	288	C18H24O3	019225-63-9	14
5	Octahydroxanthen-1,9-dione, 3,3,...	316	C20H28O3	030038-63-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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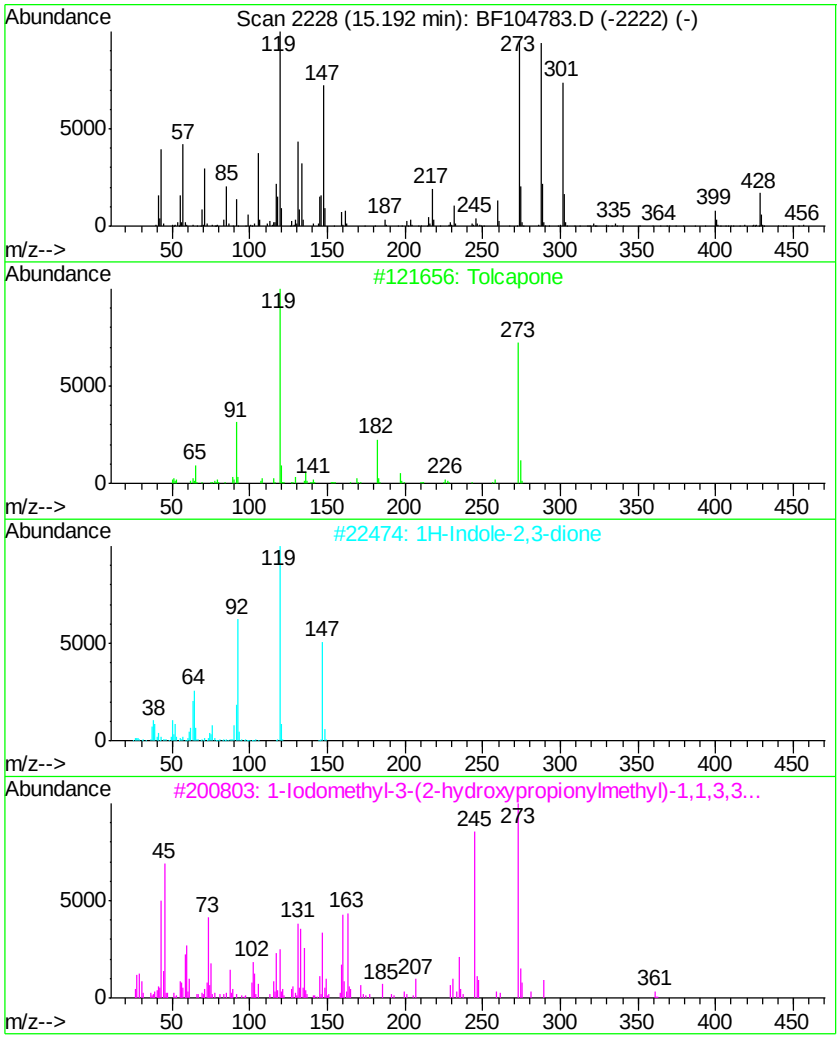
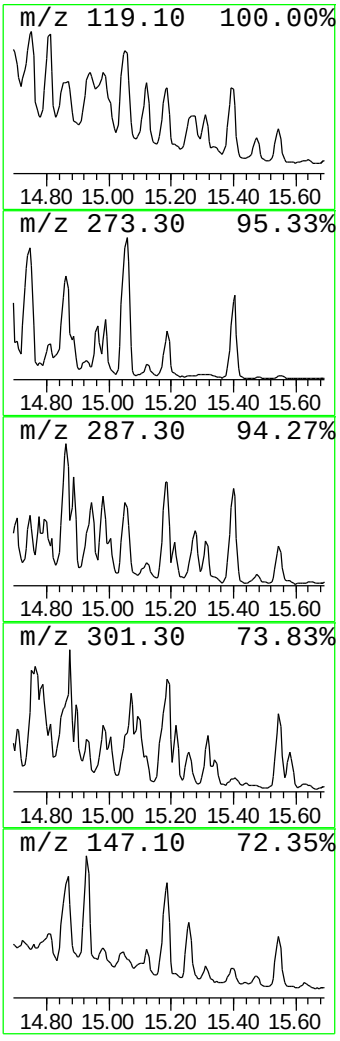
Peak Number 17 unknown15.19 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	24.41 ng	2081830	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	18
2	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	14
3	1-Iodomethyl-3-(2-hydroxypropion...	376	C9H21IO4Si2	1000280-22-1	14
4	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1000293-28-6	11
5	Silane, dimethylhexyloxynonyloxy-	302	C17H38O2Si	1000346-90-8	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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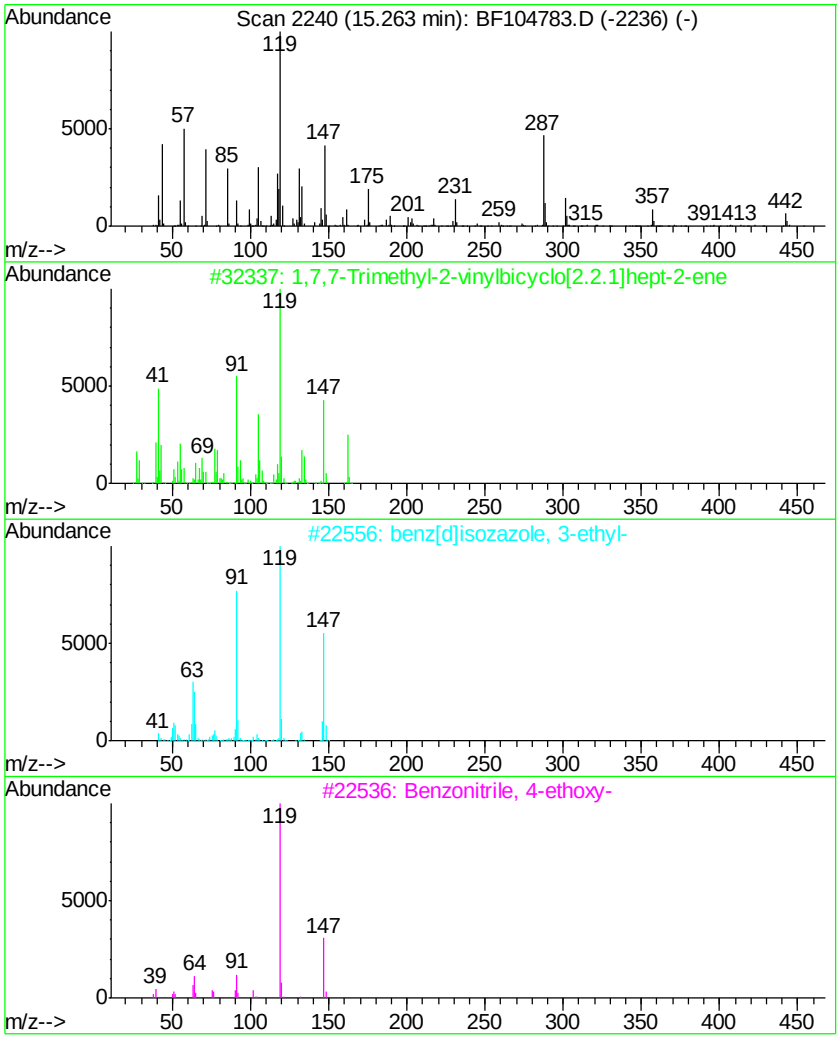
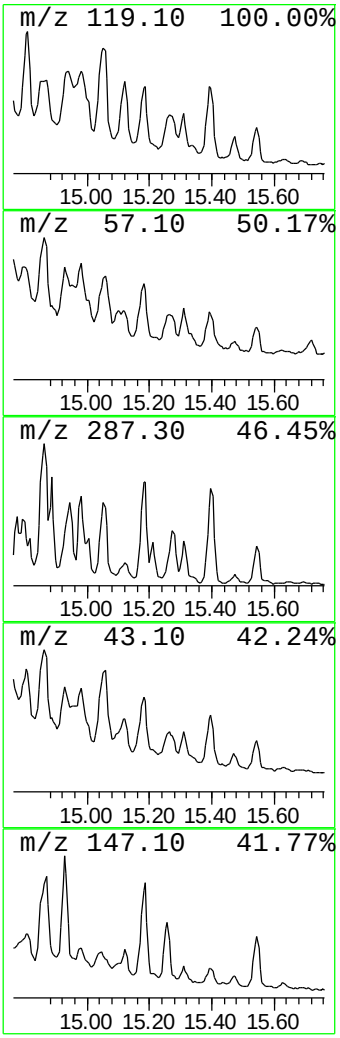
Peak Number 18 unknown15.26 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	16.03 ng	1367480	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	43
2	benz[d]isozazole, 3-ethyl-	147	C9H9NO	066033-77-0	35
3	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	35
4	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	35
5	Benzonitrile, 3-ethoxy-	147	C9H9NO	025117-75-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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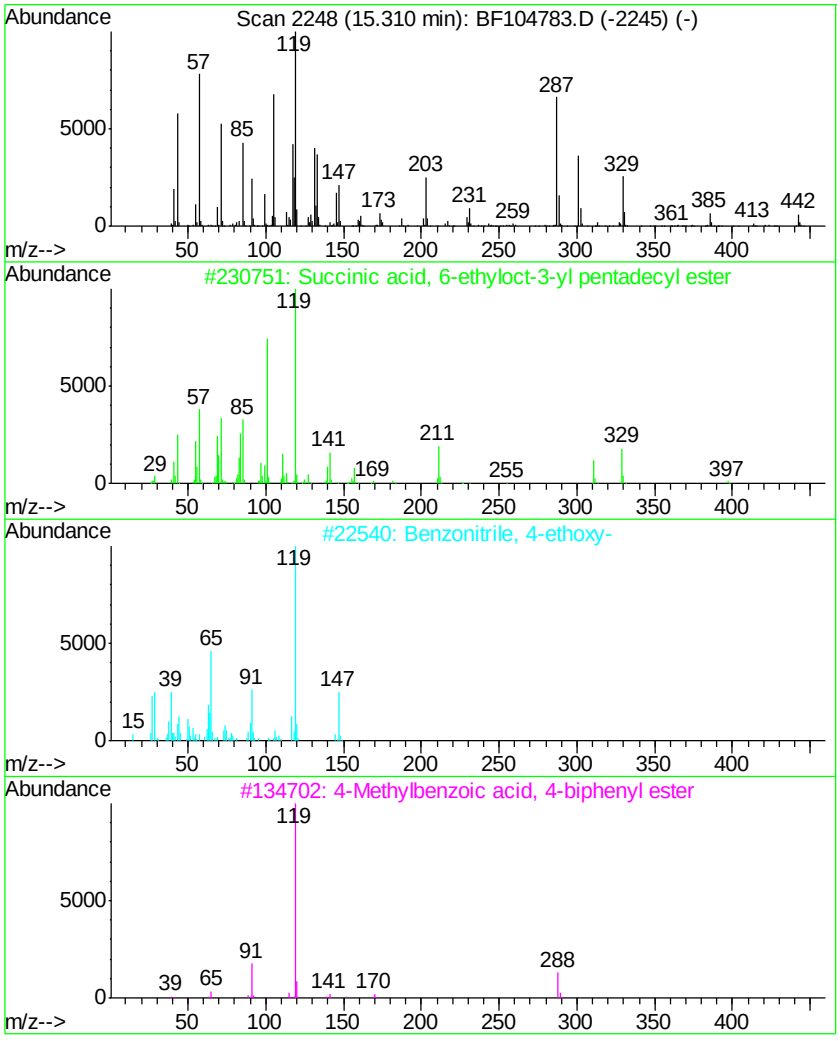
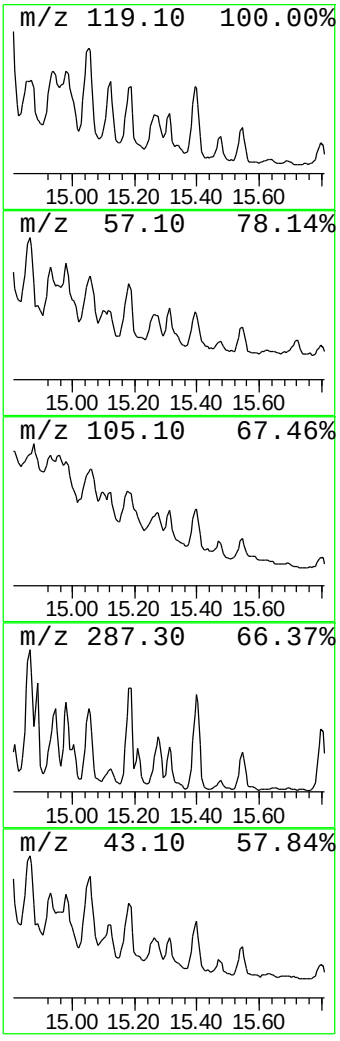
Peak Number 19 unknown15.31 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	21.46 ng	1830560	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 6-ethyloct-3-yl p...	468	C29H56O4	1000324-93-2	25
2	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	14
3	4-Methylbenzoic acid, 4-biphenyl...	288	C20H16O2	1000354-15-9	14
4	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	11
5	3-Methylbenzoic acid, 3-fluoroph...	230	C14H11FO2	1000331-26-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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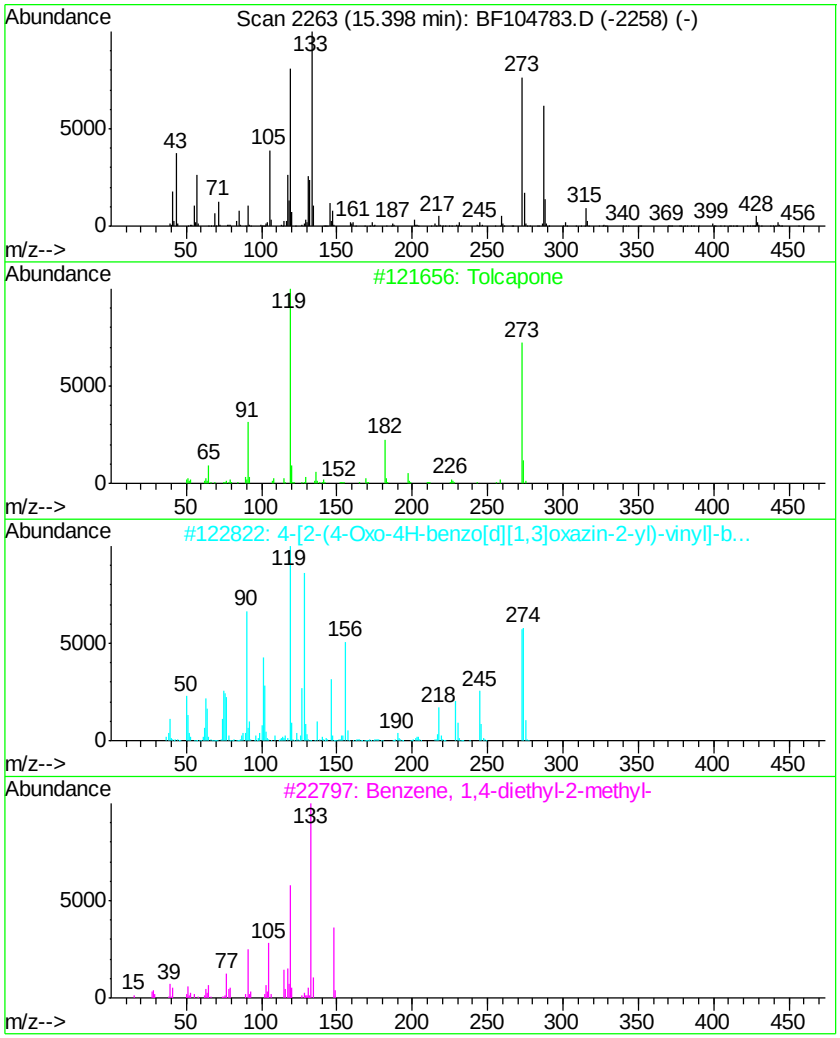
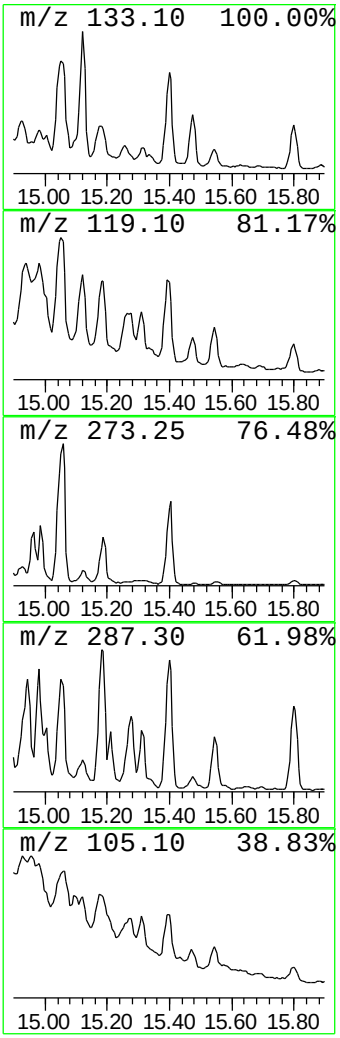
Peak Number 20 Tolcapone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	30.01 ng	2559860	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	35
2	4-[2-(4-Oxo-4H-benzo[d][1,3]oxaz...	274	C17H10N2O2	1000297-20-9	25
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	25
4	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	14
5	Silane, diethyldecyloxypropoxy-	302	C17H38O2Si	1000363-32-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042518\
Data File : BF104783.D
Acq On : 25 Apr 2018 12:45
Operator : JU/SJ
Sample : J2501-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4807L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2,4,4,6,6,8,8-Hep...	9.23	20.6	ng	1493880	3	9.85	1447150	20.0
unknown9.70	9.70	19.3	ng	1394140	3	9.85	1447150	20.0
1H-Indene, octahy...	9.75	28.6	ng	2068440	3	9.85	1447150	20.0
Decahydro-8a-ethy...	10.18	29.7	ng	2149120	3	9.85	1447150	20.0
unknown10.26	10.26	28.9	ng	2091850	3	9.85	1447150	20.0
Naphthalene, 1,6-...	10.77	29.4	ng	1470600	4	11.36	1000580	20.0
Benzene, (1-methy...	11.30	44.3	ng	2215750	4	11.36	1000580	20.0
Benzene, (1-ethyl...	11.57	30.0	ng	1500770	4	11.36	1000580	20.0
Benzene, (1-methy...	11.76	73.4	ng	3670000	4	11.36	1000580	20.0
unknown14.86	14.86	38.4	ng	3274910	6	15.52	1705730	20.0
unknown14.93	14.93	25.1	ng	2143920	6	15.52	1705730	20.0
unknown15.06	15.06	40.5	ng	3449500	6	15.52	1705730	20.0
unknown15.19	15.19	24.4	ng	2081830	6	15.52	1705730	20.0
unknown15.26	15.26	16.0	ng	1367480	6	15.52	1705730	20.0
unknown15.31	15.31	21.5	ng	1830560	6	15.52	1705730	20.0
Tolcapone	15.40	30.0	ng	2559860	6	15.52	1705730	20.0