LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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	4.872	429	431	440	rBV	14044	17109	1.04%	0.175%
2	5.213	479	489	492	rBV	834456	1652231	100.00%	16.918%
3	5.601	552	555	562	rBB	67186	61897	3.75%	0.634%
4	6.595	720	724	737	rBV	320592	329445	19.94%	3.373%
5	6.731	744	747	750	rBV	172579	143591	8.69%	1.470%
6	6.954	781	785	788	rVB	302571	265810	16.09%	2.722%
7	7.001	788	793	796	rBV	27117	23076	1.40%	0.236%
8	7.107	808	811	815	rVB	748898	667669	40.41%	6.837%
9	7.372	852	856	861	rVB5	10642	17161	1.04%	0.176%
10	7.472	867	873	876	rBV6	11314	22126	1.34%	0.227%
11	7.519	876	881	884	rBV	585511	546873	33.10%	5.600%
12	7.636	896	901	904	rVB3	11361	16665	1.01%	0.171%
13	7.678	904	908	912	rBV	44576	51352	3.11%	0.526%
14	7.754	919	921	926	rVB2	16018	19120	1.16%	0.196%
15	7.825	927	933	938	rBV4	11813	24570	1.49%	0.252%
16	8.236	999	1003	1006	rBV	403928	335959	20.33%	3.440%
17	8.277	1008	1010	1013	rVB2	50918	39641	2.40%	0.406%
18	8.313	1013	1016	1018	rBV2	20282	19893	1.20%	0.204%
19	8.430	1034	1036	1039	rVB	22126	17341	1.05%	0.178%
20	8.519	1045	1051	1055	rVB8	27874	51958	3.14%	0.532%
21	8.572	1055	1060	1063	rBV5	18122	31576	1.91%	0.323%
22	8.636	1069	1071	1074	rBV	49360	45471	2.75%	0.466%
23	8.666	1074	1076	1079	rVB3	22709	19707	1.19%	0.202%
24	8.766	1090	1093	1095	rBV	37655	34599	2.09%	0.354%
25	8.848	1104	1107	1110	rBV3	20089	25864	1.57%	0.265%
26	8.883	1110	1113	1114	rVV3	22030	23805	1.44%	0.244%
27	8.907	1114	1117	1122	rVV3	23343	33974	2.06%	0.348%
28	8.972	1126	1128	1131	rVB2	28781	24641	1.49%	0.252%
29	9.001	1131	1133	1139	rBV5	26627	36715	2.22%	0.376%
30	9.107	1146	1151	1153	rBV4	33601	44340	2.68%	0.454%
31	9.236	1171	1173	1176	rVB	61200	50129	3.03%	0.513%
32	9.313	1180	1186	1189	rBV	975447	986376	59.70%	10.100%
33	9.383	1194	1198	1202	rBV3	82947	100342	6.07%	1.027%
34	9.695	1247	1251	1254	rBV2	277628	267612	16.20%	2.740%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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	9.754	1258	1261	1264	rBV3	32582	28883	1.75%	0.296%
36	9.854	1275	1278	1280	rBV2	77351	69305	4.19%	0.710%
37	9.901	1283	1286	1288	rVB2	87584	82505	4.99%	0.845%
38	9.942	1291	1293	1295	rBV2	21208	20069	1.21%	0.205%
39	9.971	1295	1298	1299	rBV2	53731	43656	2.64%	0.447%
40	9.995	1299	1302	1305	rVB2	426965	353493	21.39%	3.620%
41	10.307	1353	1355	1357	rBV2	26710	29098	1.76%	0.298%
42	10.395	1368	1370	1373	rVB2	79710	78054	4.72%	0.799%
43	10.624	1405	1409	1411	rBV	88999	92702	5.61%	0.949%
44	10.789	1434	1437	1440	rBV2	71387	71153	4.31%	0.729%
45	10.889	1450	1454	1457	rBV2	154488	192758	11.67%	1.974%
46	10.918	1457	1459	1462	rVB	76940	67107	4.06%	0.687%
47	11.360	1530	1534	1537	rBV	94879	109167	6.61%	1.118%
48	11.489	1552	1556	1559	rBV	457659	403517	24.42%	4.132%
49	11.513	1559	1560	1563	rVB	46262	28161	1.70%	0.288%
50	12.542	1733	1735	1739	rBV2	42133	48996	2.97%	0.502%
51	12.707	1761	1763	1766	rBV	68472	53191	3.22%	0.545%
52	12.736	1766	1768	1771	rVB2	57256	48414	2.93%	0.496%
53	12.936	1800	1802	1807	rVB2	88321	112153	6.79%	1.148%
54	13.071	1821	1825	1829	rBV	901970	808066	48.91%	8.274%
55	13.954	1973	1975	1980	rVB2	48272	44374	2.69%	0.454%
56	14.148	2004	2008	2011	rBV	315809	317732	19.23%	3.253%
57	15.624	2257	2259	2265	rVB2	49763	58287	3.53%	0.597%
58	15.695	2265	2271	2277	rBV	266739	368992	22.33%	3.778%
59	16.883	2469	2473	2482	rVB2	53903	110081	6.66%	1.127%
60	17.495	2573	2577	2584	rVB9	39556	77607	4.70%	0.795%

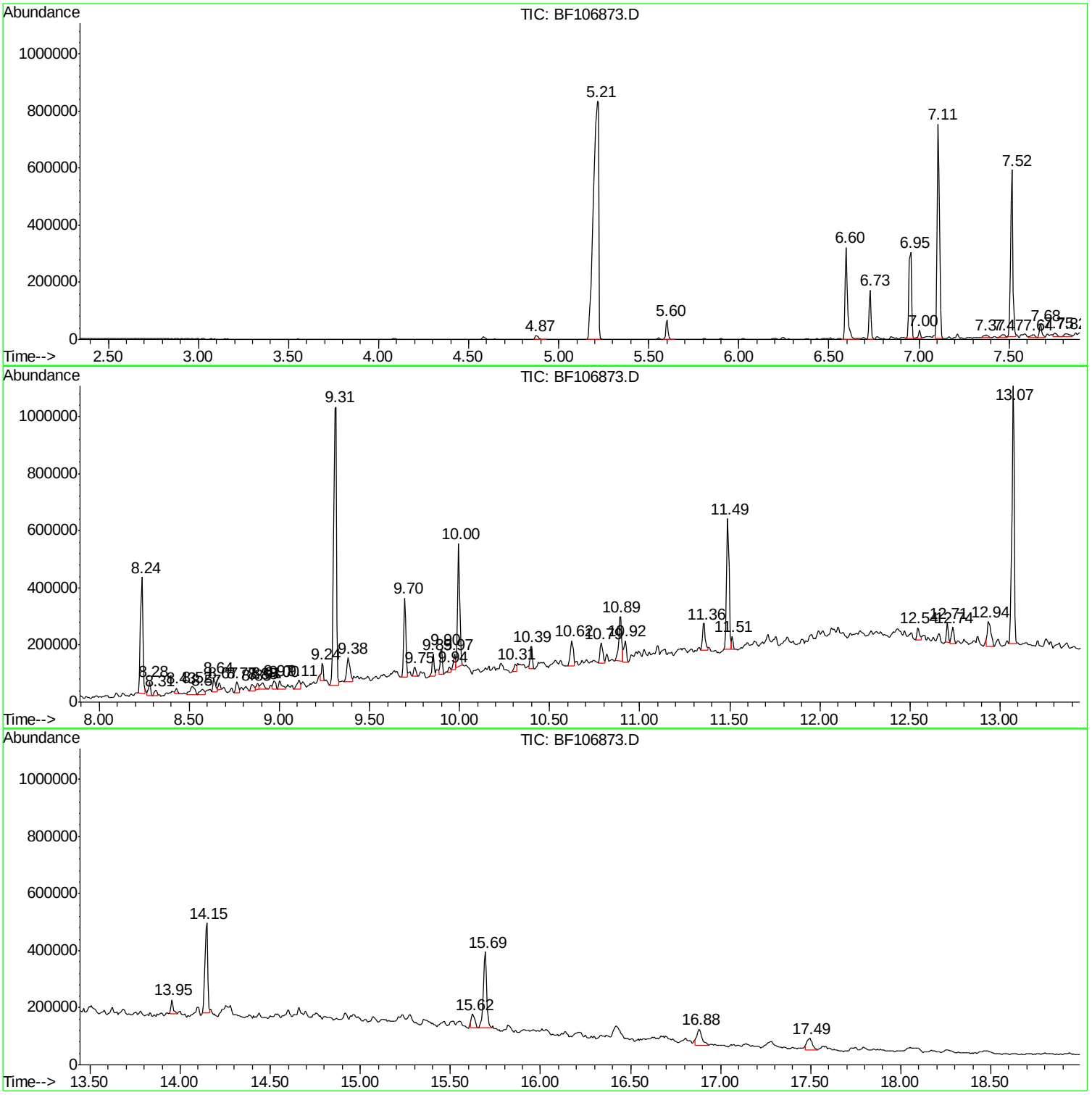
Sum of corrected areas: 9766159

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

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 : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

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

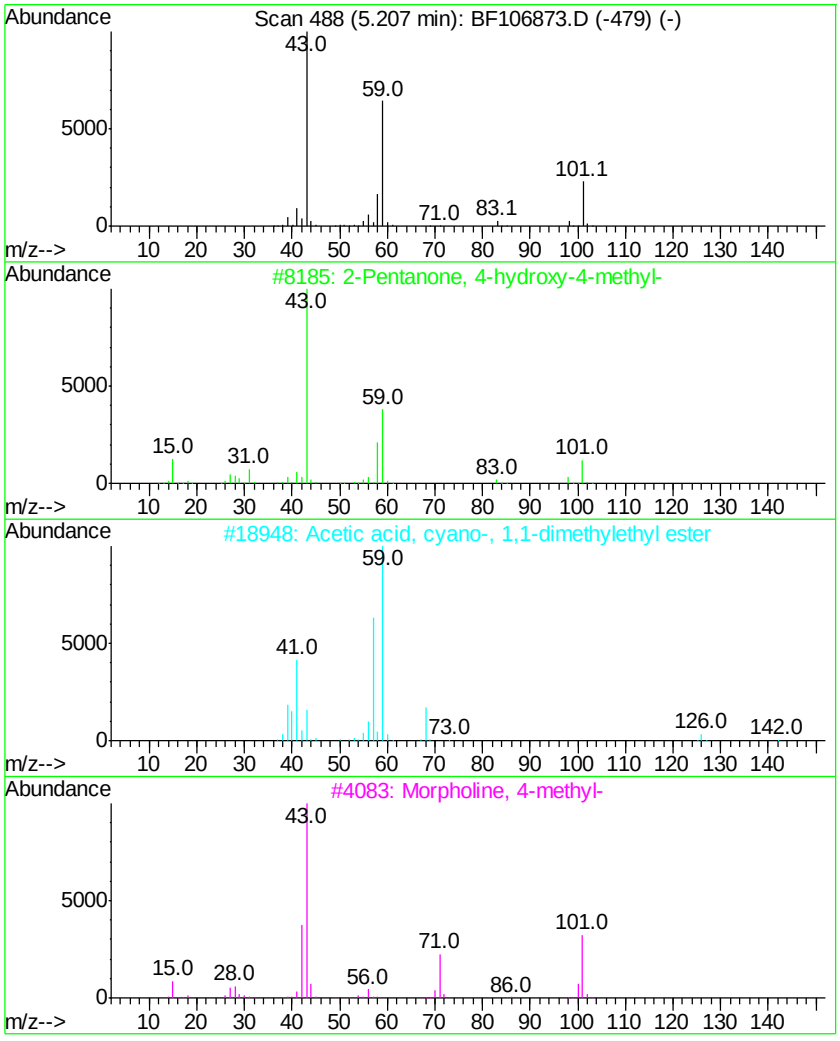
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

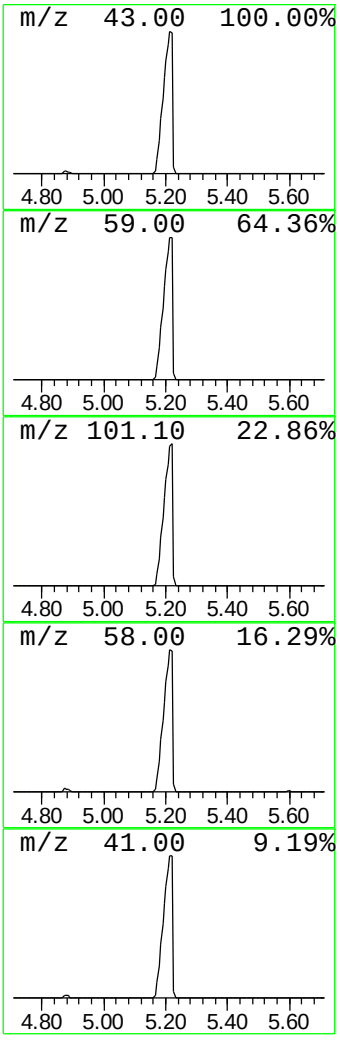
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	124.32 ng	1652230	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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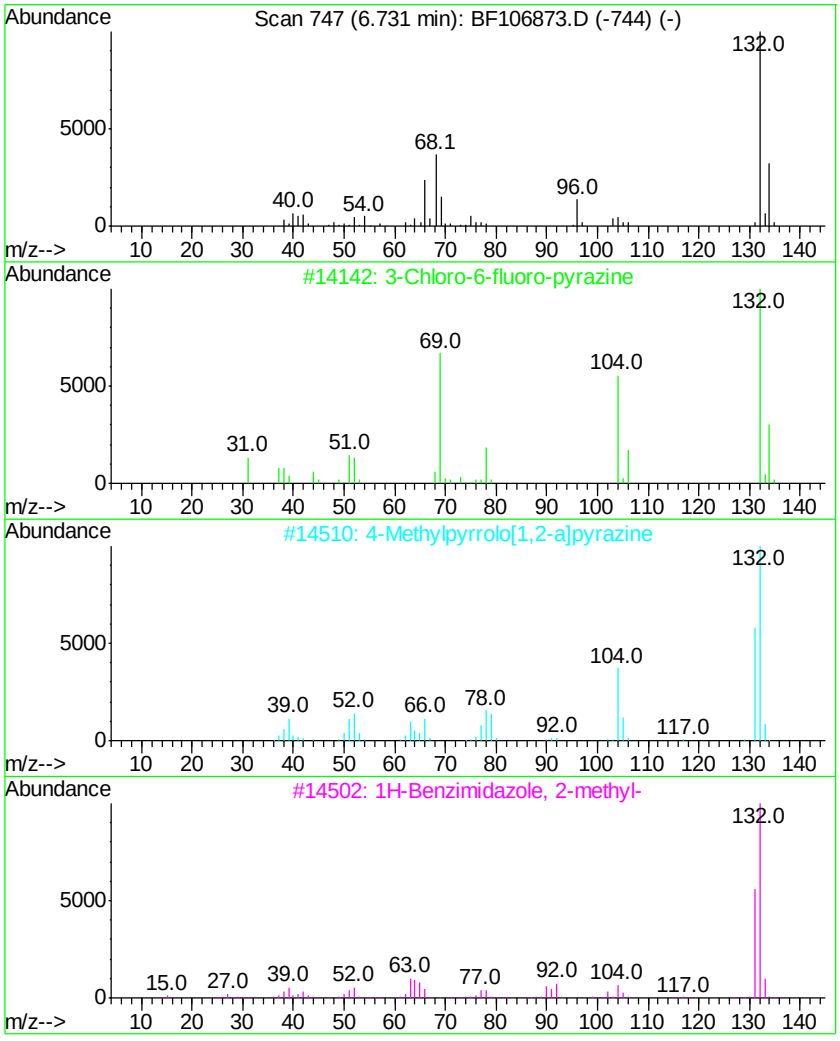
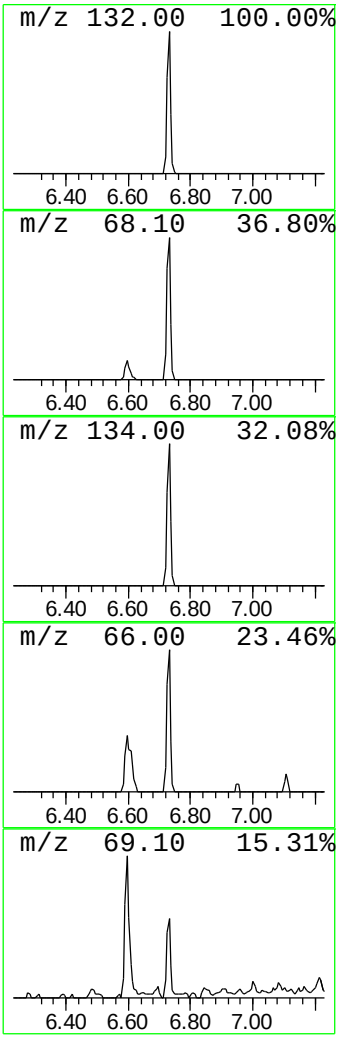
Peak Number 2 unknown6.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	10.80 ng	143591	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	25
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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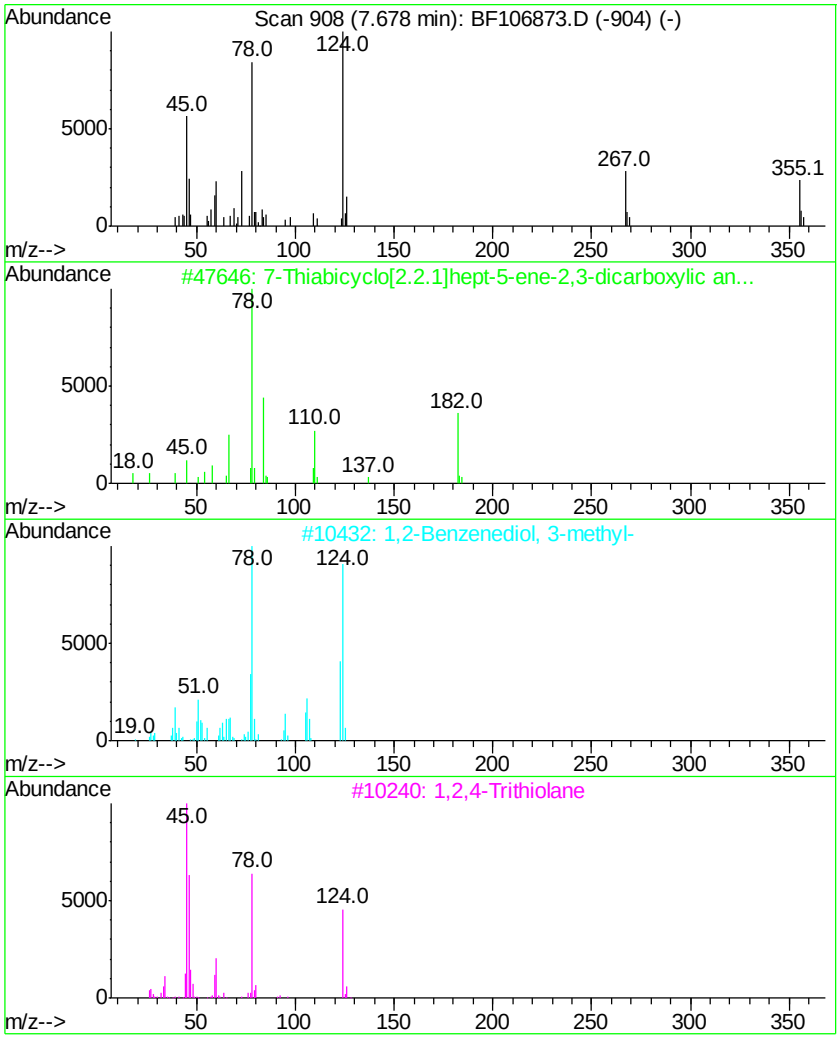
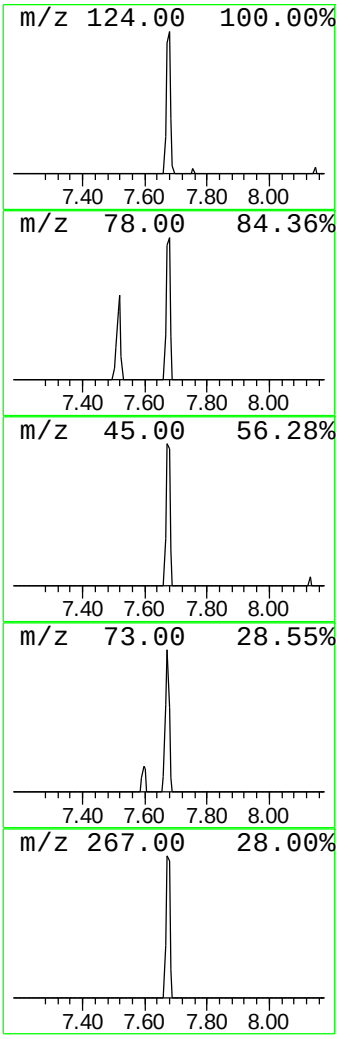
Peak Number 4 unknown7.68 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.06 ng	51352	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Thiabicyclo[2.2.1]hept-5-ene-2...	182	C8H6O3S	064566-32-1	28
2	1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	9
3	1,2,4-Trithiolane	124	C2H4S3	000289-16-7	9
4	1,2,4,6-Tetrathiepane	170	C3H6S4	000292-45-5	9
5	Salicin	286	C13H18O7	000138-52-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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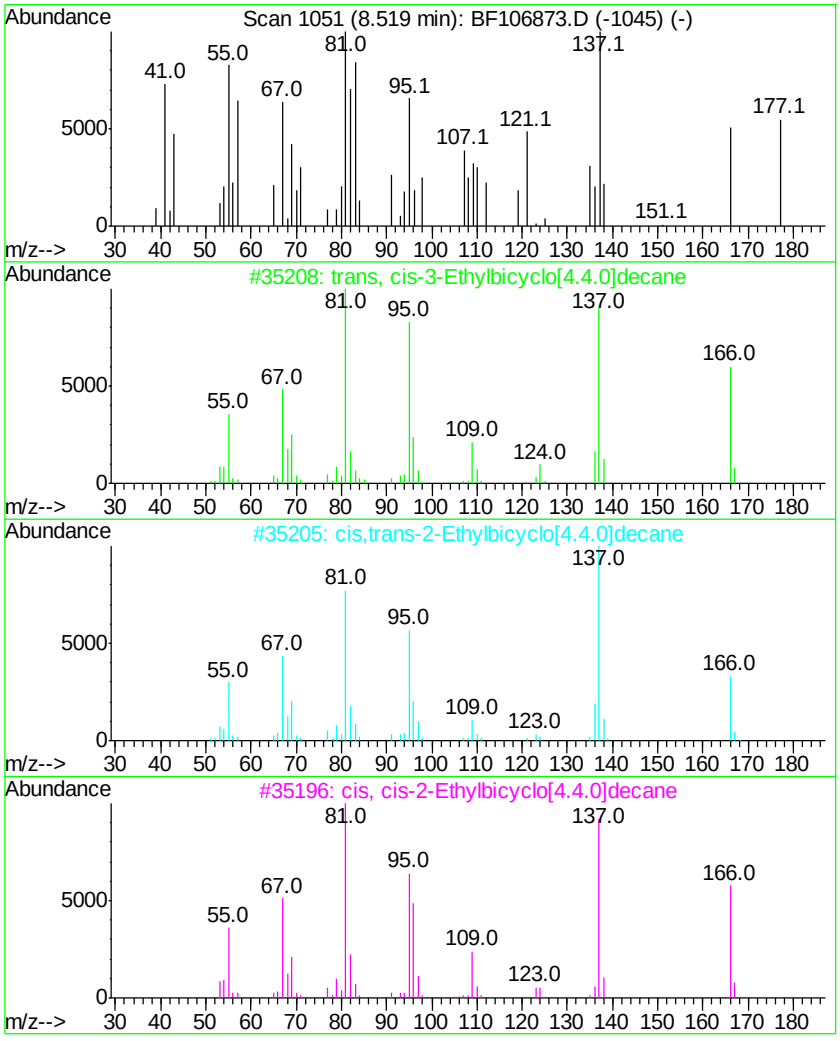
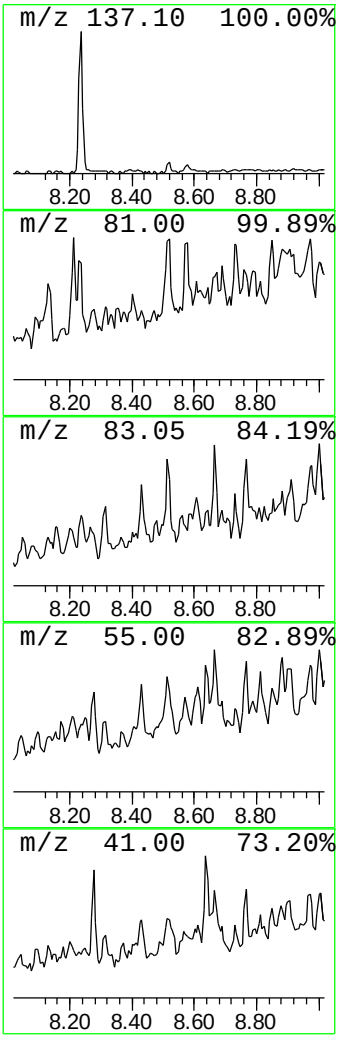
Peak Number 5 unknown8.52 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.09 ng	51958	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	46
2	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	46
3	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	43
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43
5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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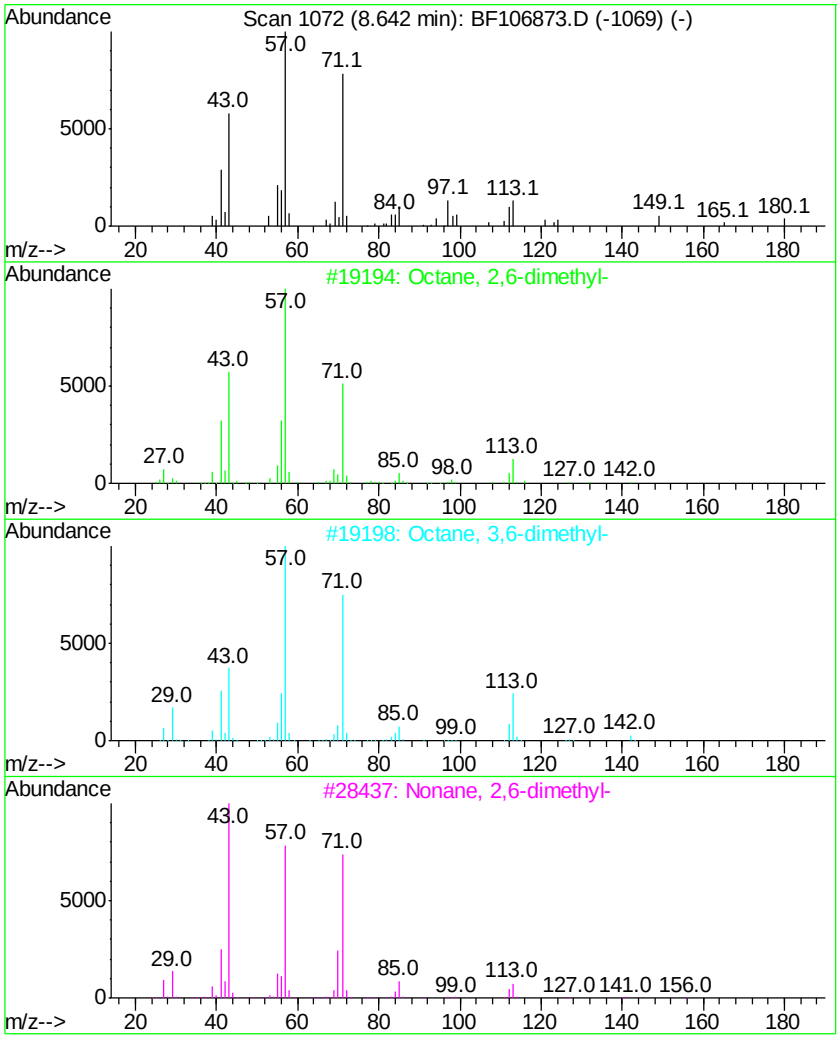
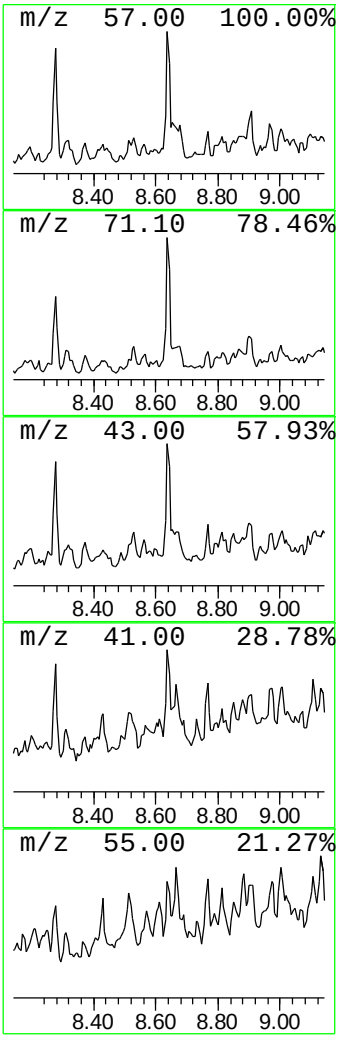
Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.71 ng	45471	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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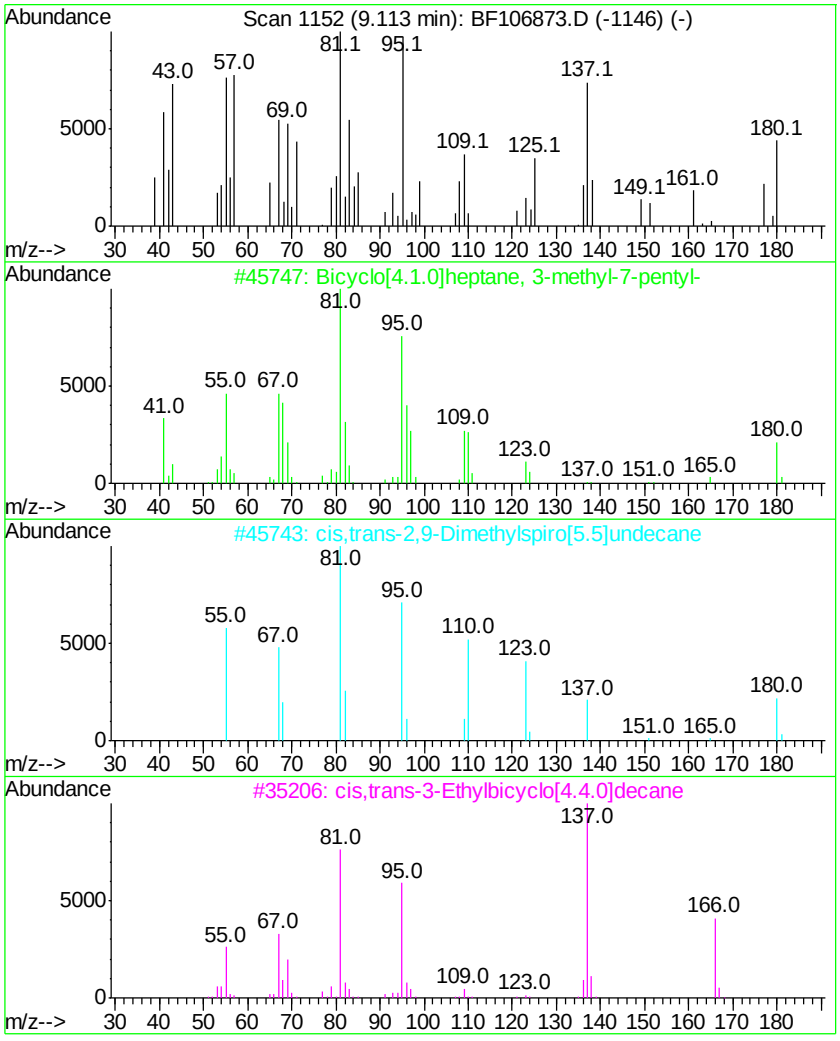
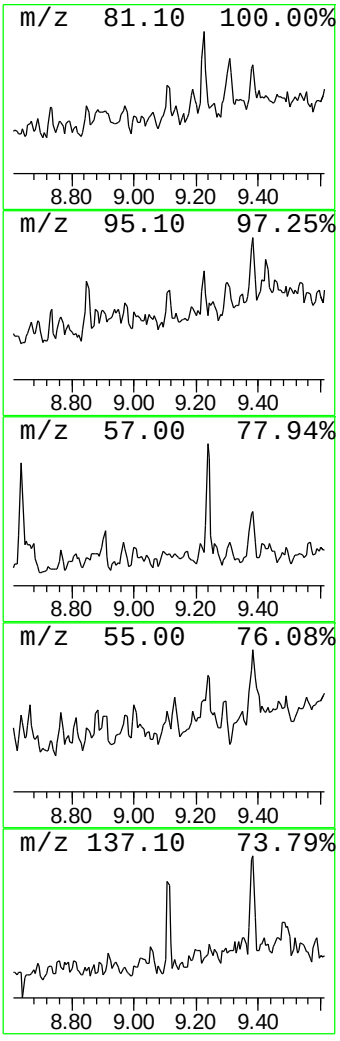
Peak Number 7 unknown9.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	2.64 ng	44340	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	38
2	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	38
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	35
4	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	35
5	2(1H)-Naphthalenone, octahydro-1...	180	C12H20O	022738-31-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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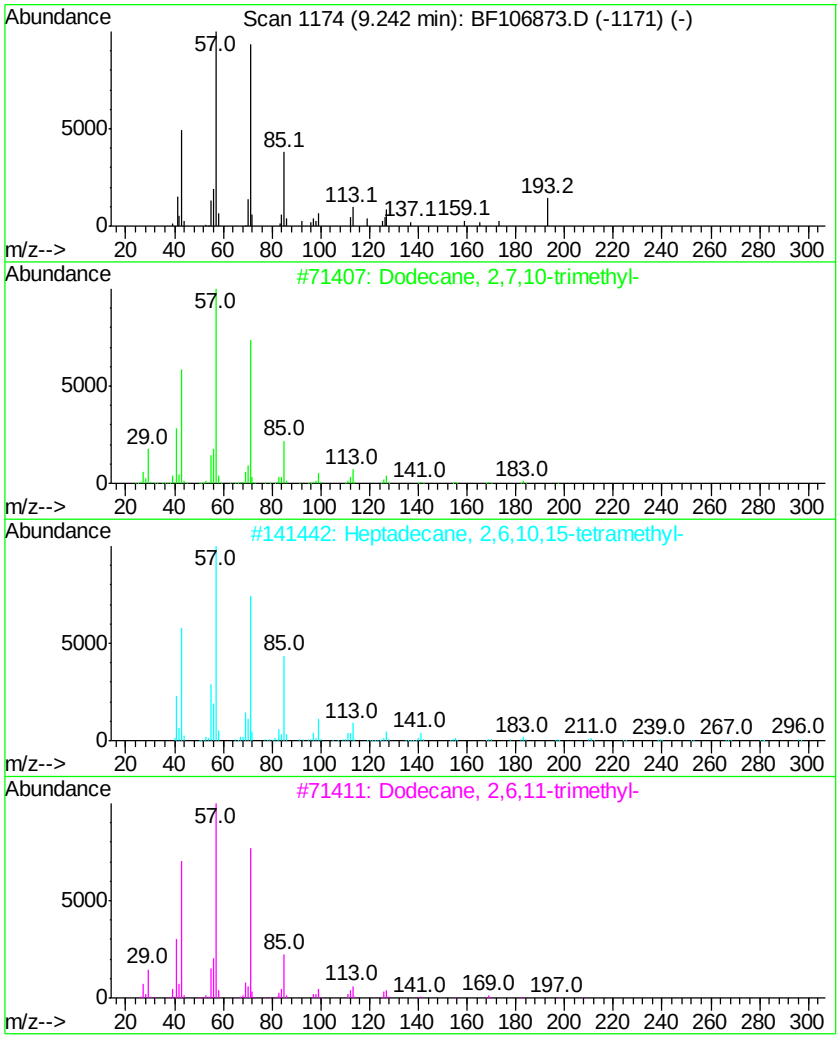
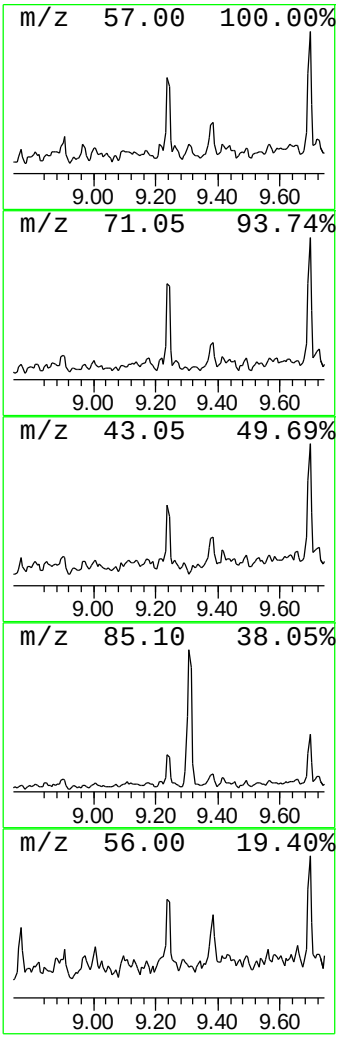
Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.84 ng	50129	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72





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Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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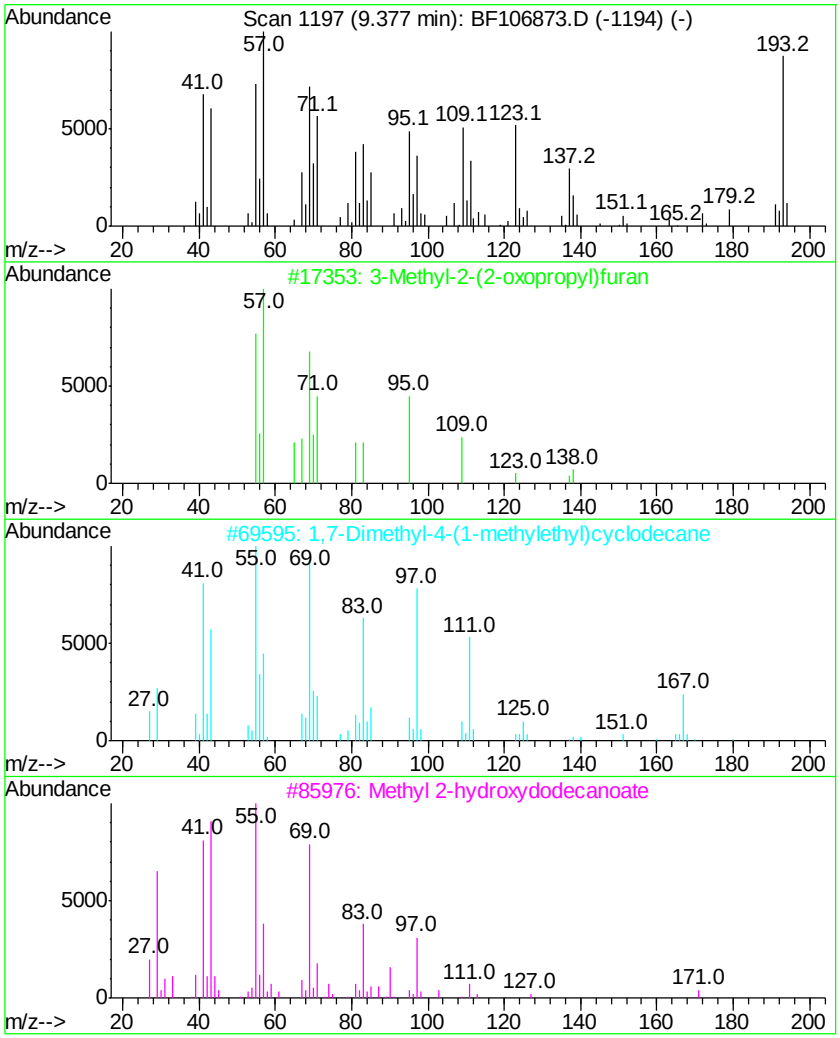
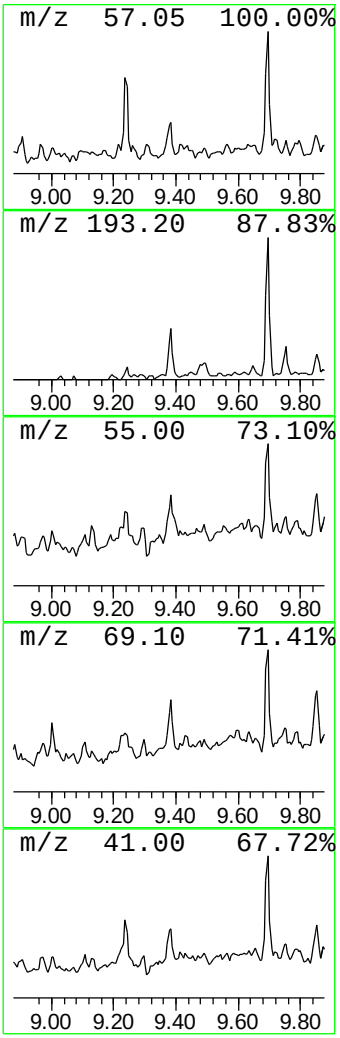
Peak Number 9 unknown9.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	5.68 ng	100342	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	30
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	27
3	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	22
4	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





Library Search Compound Report

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Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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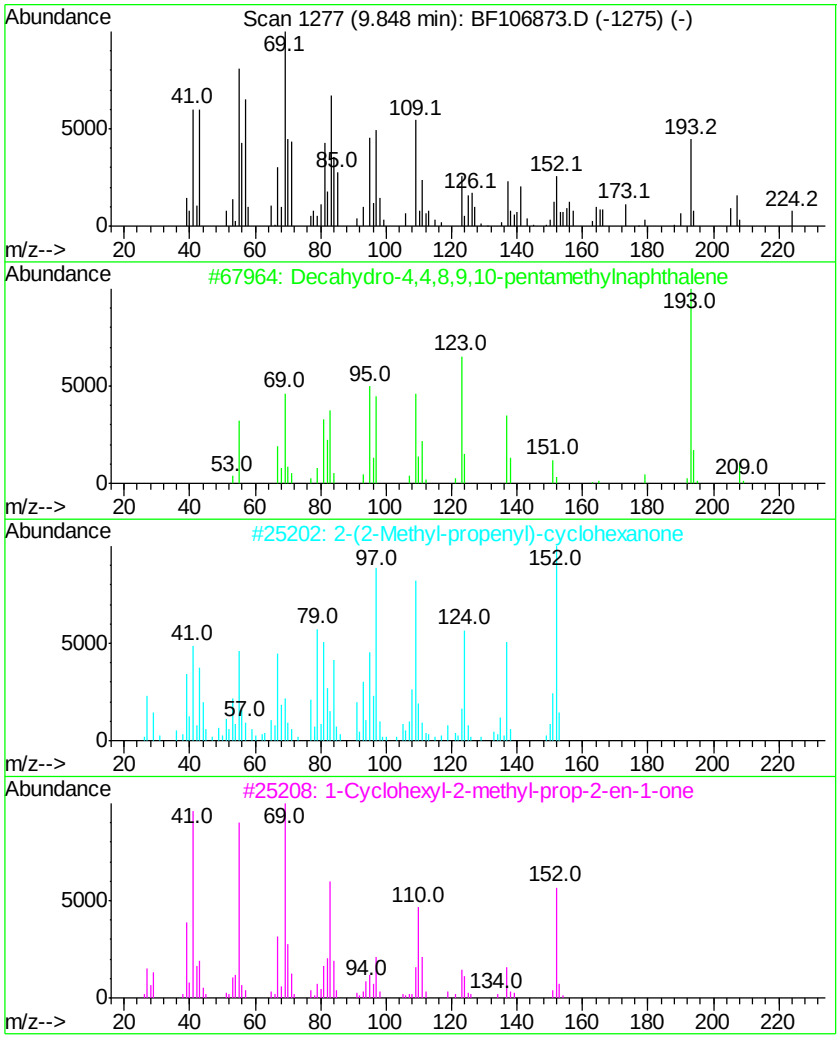
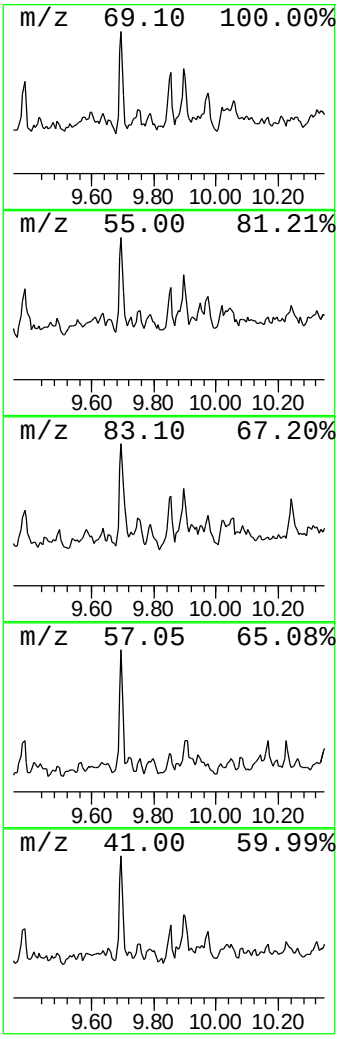
Peak Number 10 unknown9.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.92 ng	69305	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	51
2	2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	49
3	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	41
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	35
5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	30





Library Search Compound Report

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Sample : J3570-03
Misc :
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Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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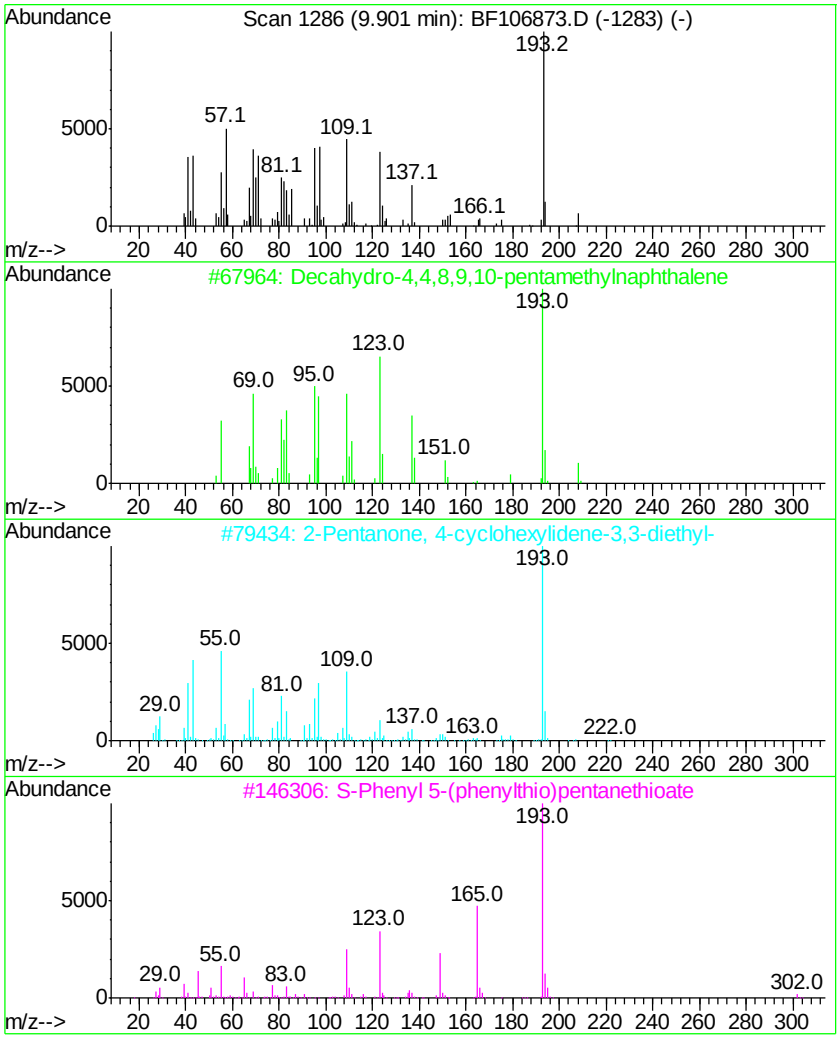
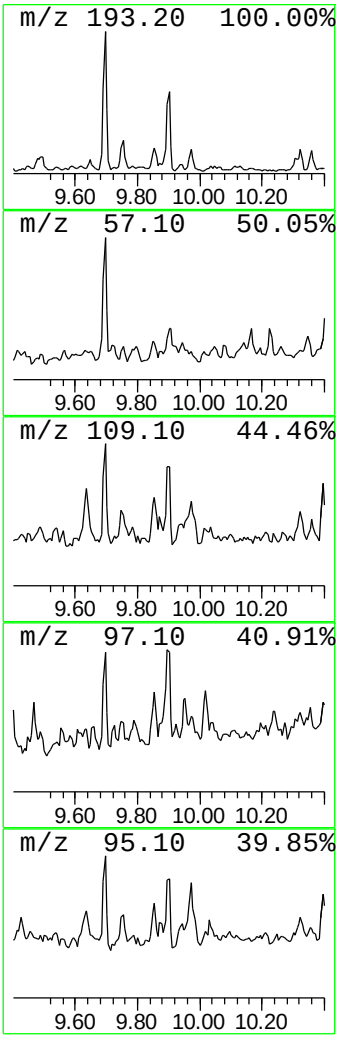
Peak Number 11 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.67 ng	82505	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	23
4	Boronic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	22
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16





Library Search Compound Report

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Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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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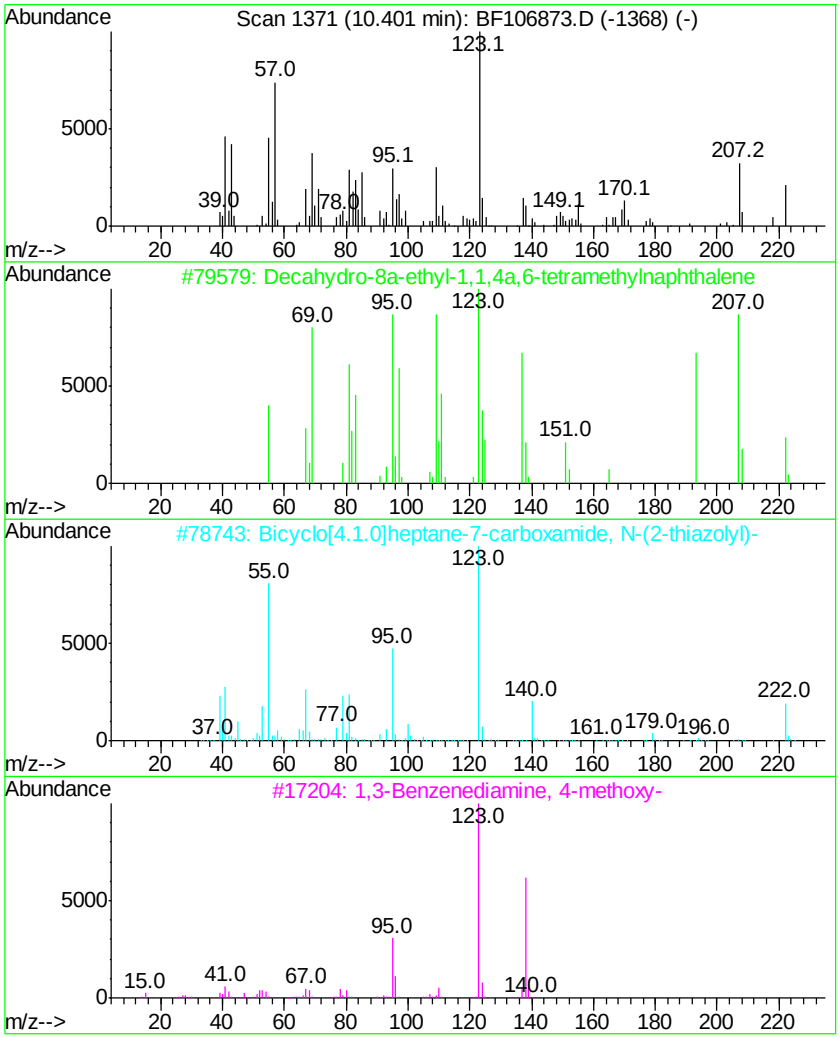
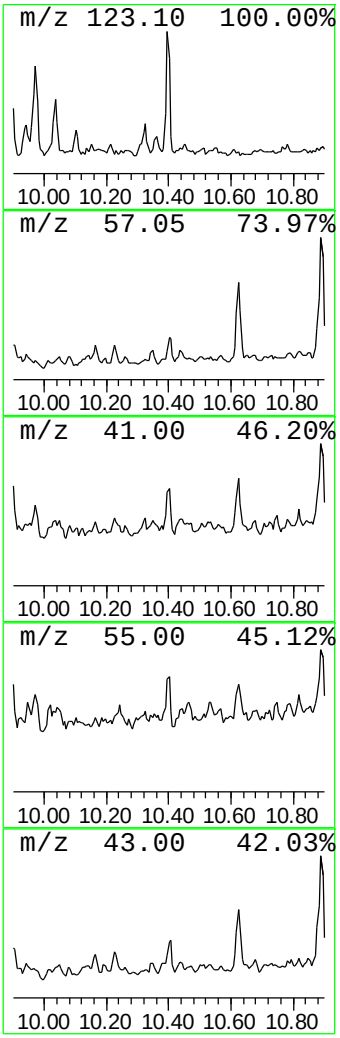
Peak Number 12 unknown10.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.42 ng	78054	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	49
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	47
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
4	photocitral A	152	C10H16O	055253-28-6	47
5	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	46





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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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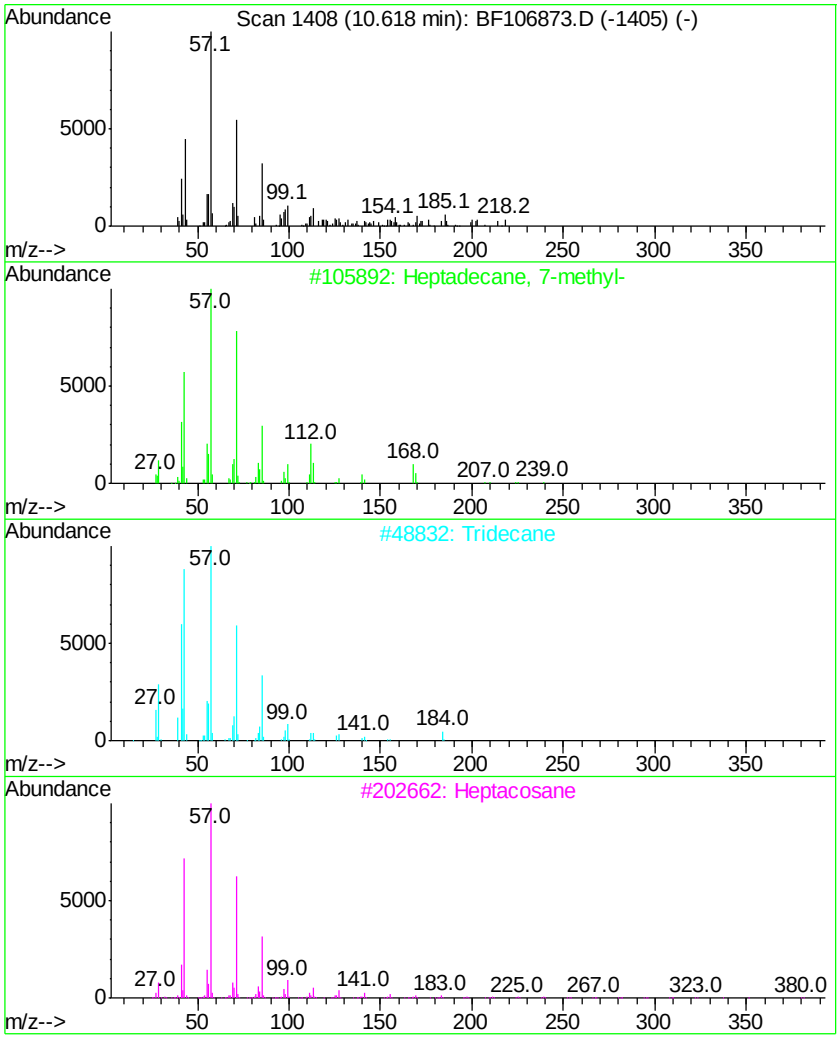
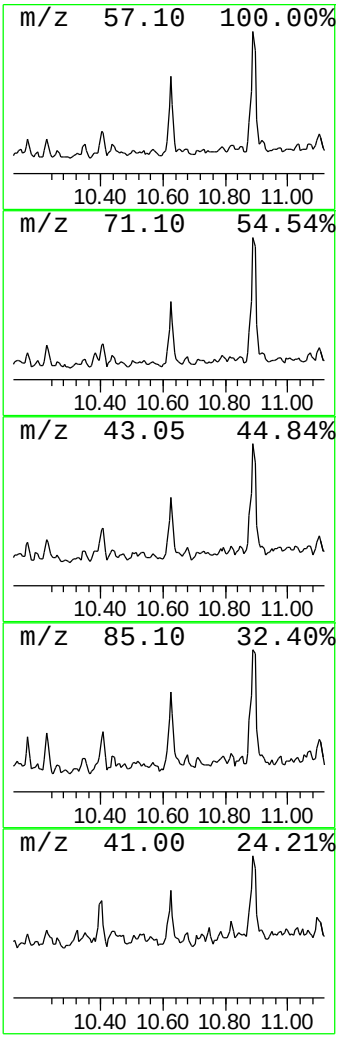
Peak Number 13 Heptadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	5.24 ng	92702	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
2	Tridecane	184	C13H28	000629-50-5	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Dodecane	170	C12H26	000112-40-3	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62





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Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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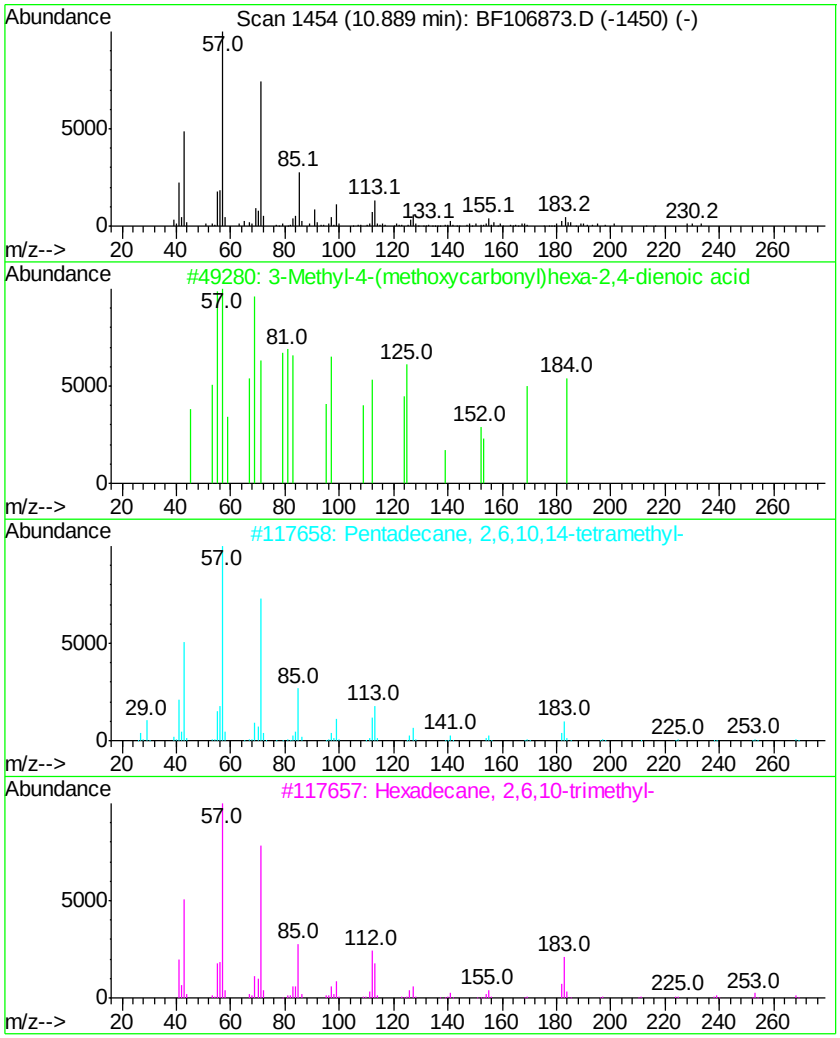
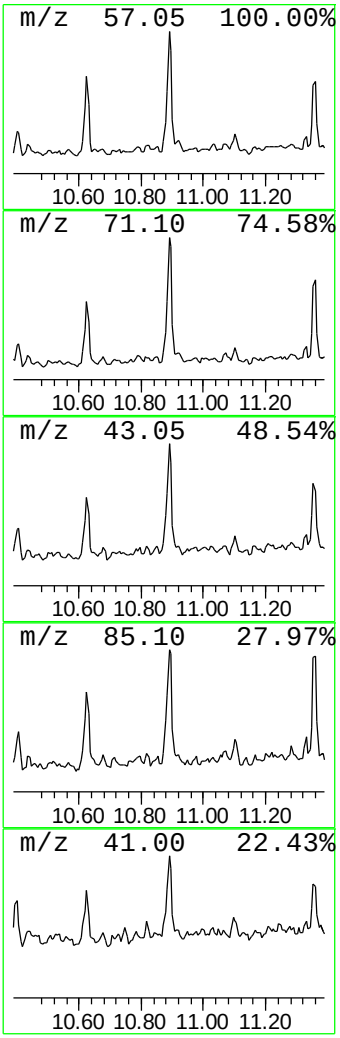
Peak Number 14 3-Methyl-4-(methoxycarbonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	9.55 ng	192758	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	96
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





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Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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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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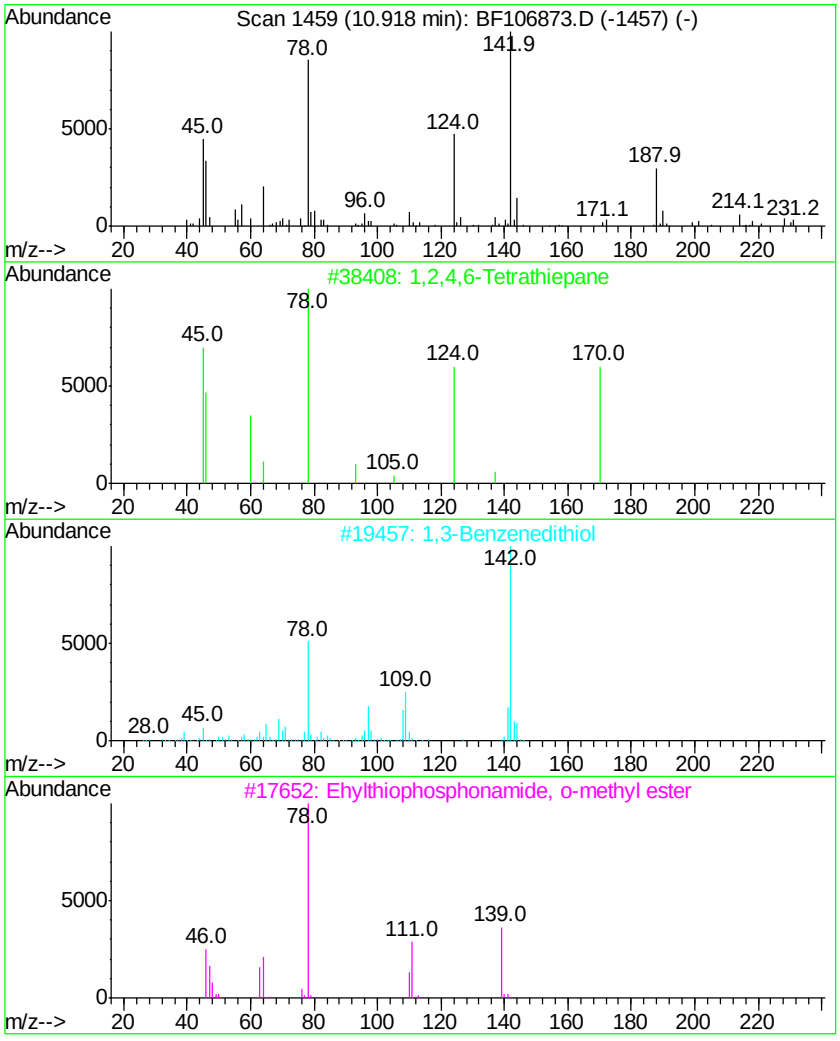
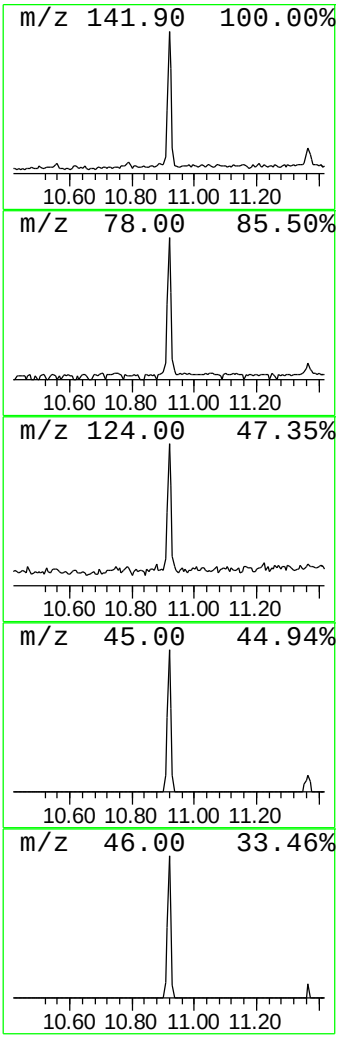
Peak Number 15 1,2,4,6-Tetrathiepane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.33 ng	67107	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,6-Tetrathiepane	170	C3H6S4	000292-45-5	59
2	1,3-Benzenedithiol	142	C6H6S2	000626-04-0	42
3	Ehylthiophosphonamide, o-methyl ...	139	C3H10NOPS	1000306-03-7	36
4	Lenthionine	188	C2H4S5	000292-46-6	35
5	Hexathiepane	206	CH2S6	017233-71-5	12





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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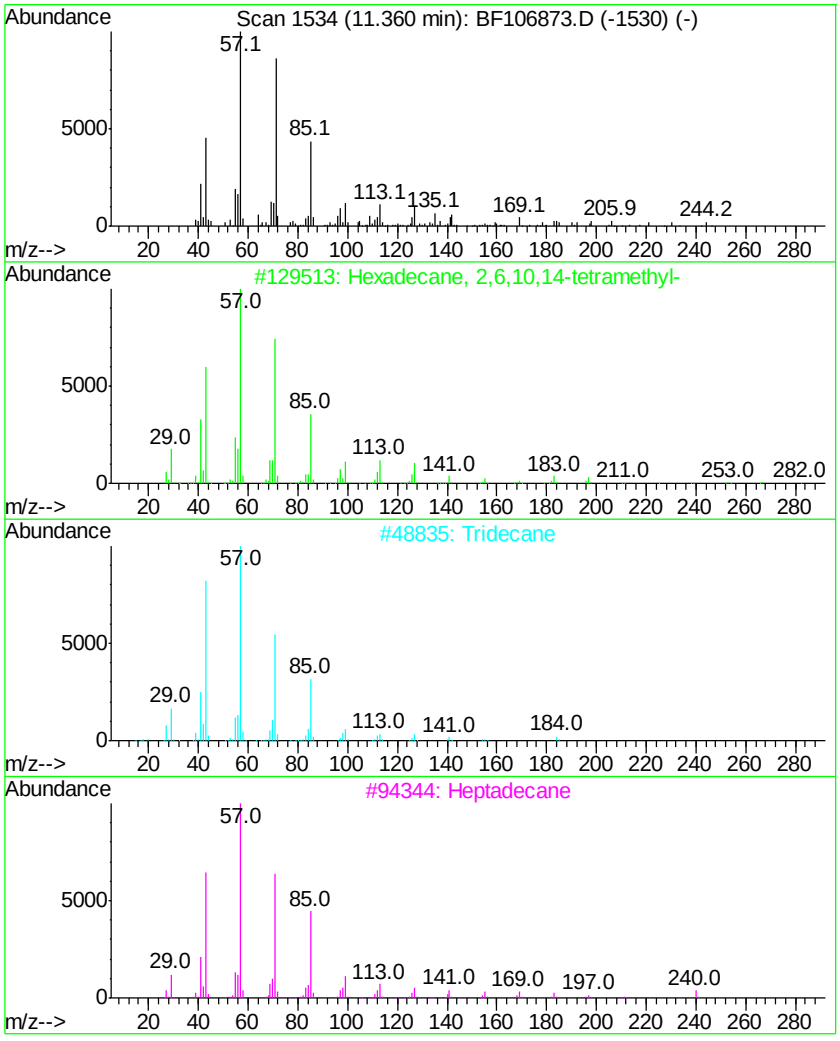
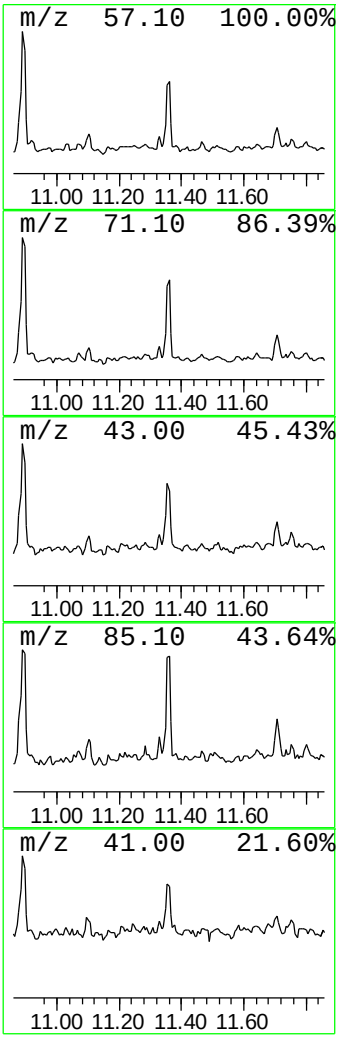
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.41 ng	109167	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Heneicosane	296	C21H44	000629-94-7	80





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20180373-AMENDED-COMPOSITE-

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TIC Library : C:\DATABASE\NIST11.L
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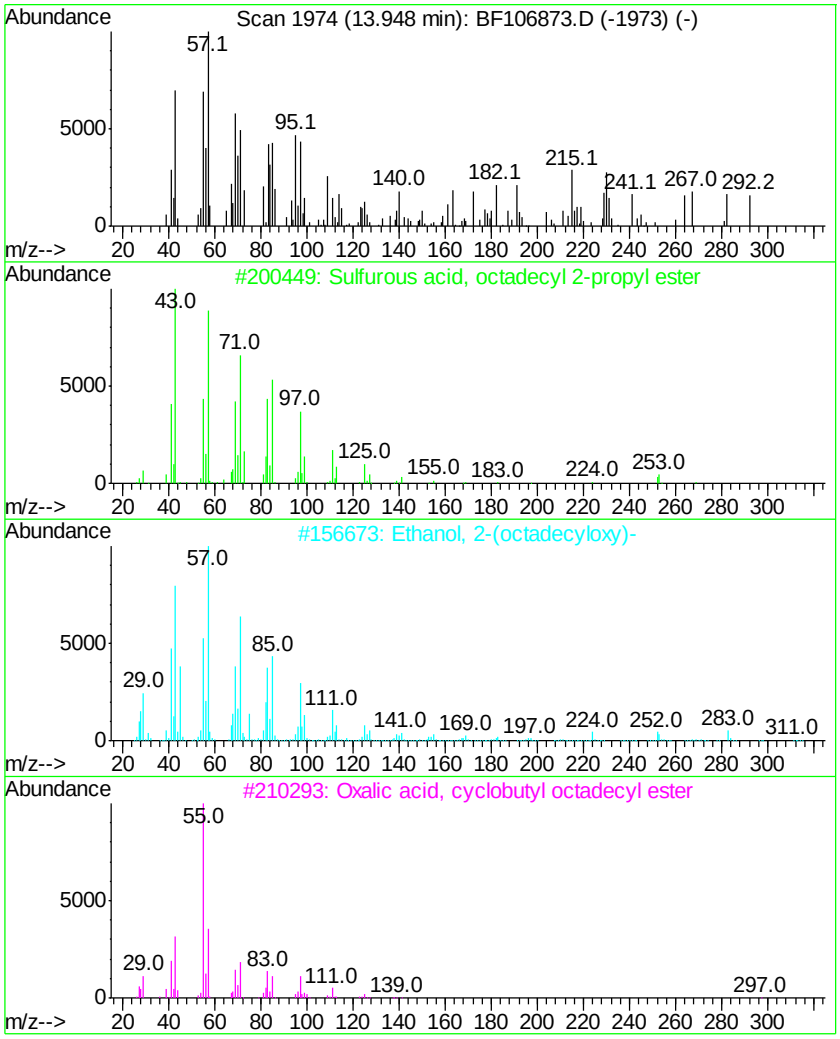
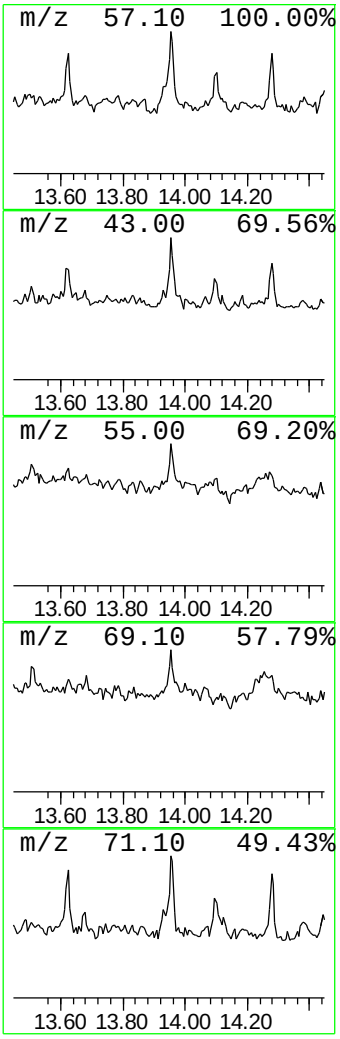
Peak Number 17 Sulfurous acid, octadecyl 2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.79 ng	44374	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	62
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	62
3	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	52
4	Tridecane	184	C13H28	000629-50-5	38
5	Pentadecane	212	C15H32	000629-62-9	38





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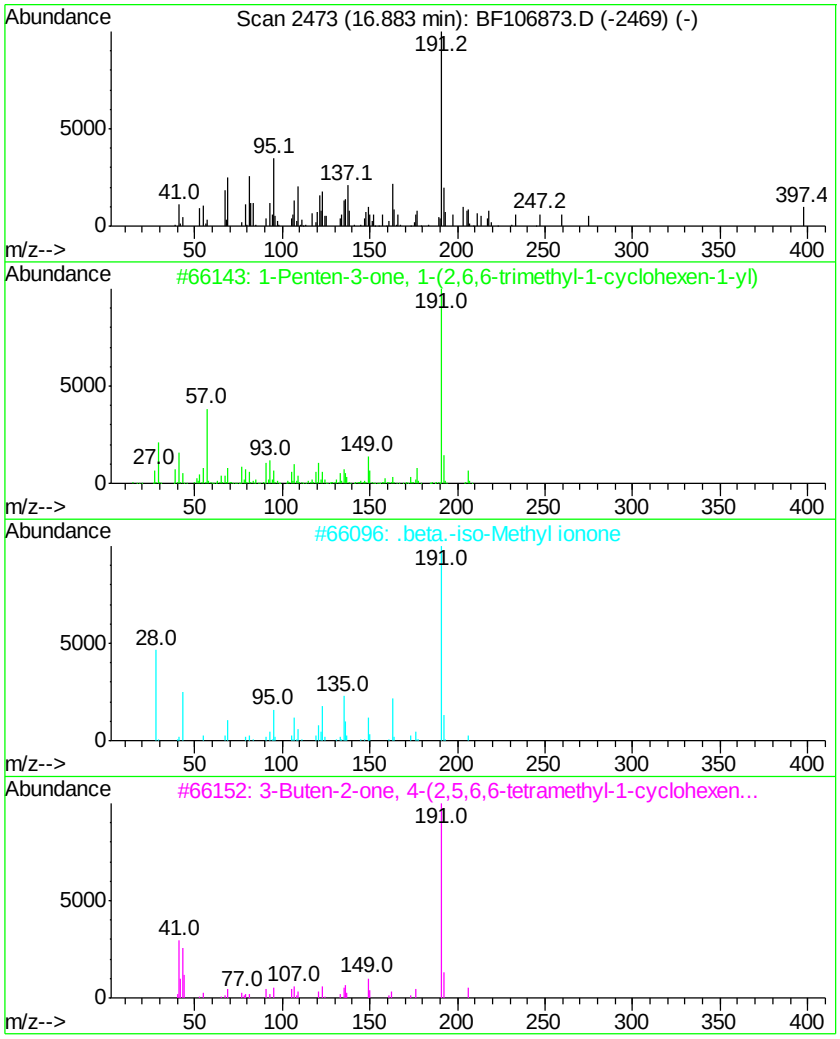
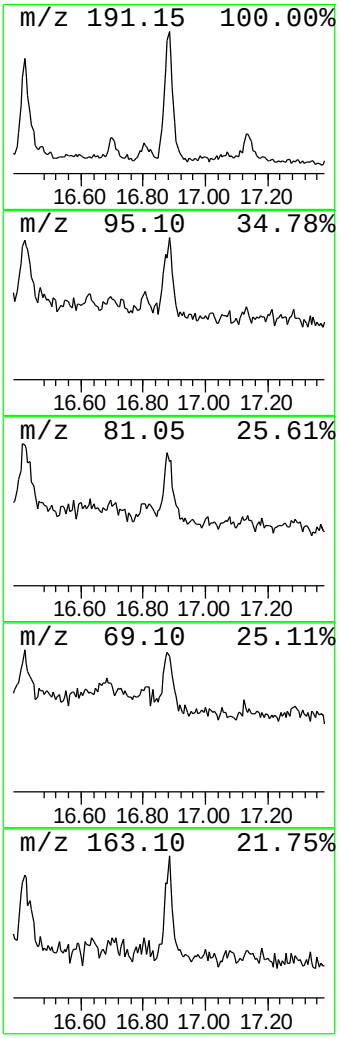
Peak Number 19 unknown16.88 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	5.97 ng	110081	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
3	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38
4	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	38
5	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	38





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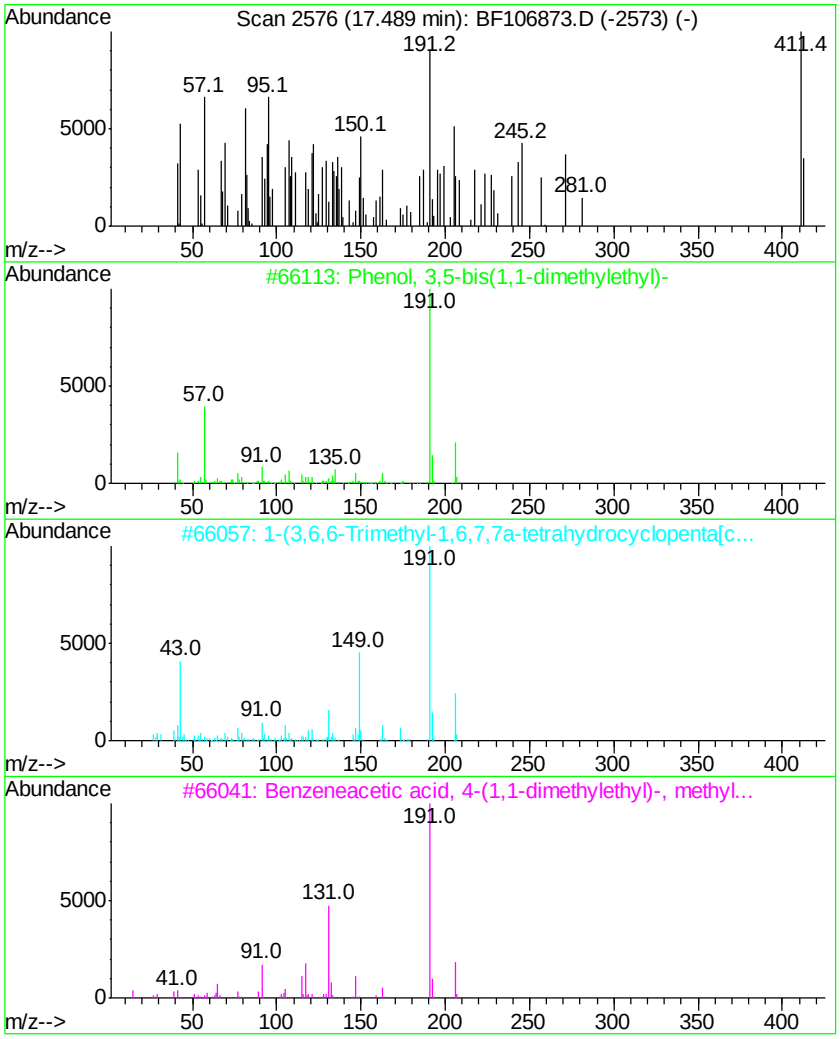
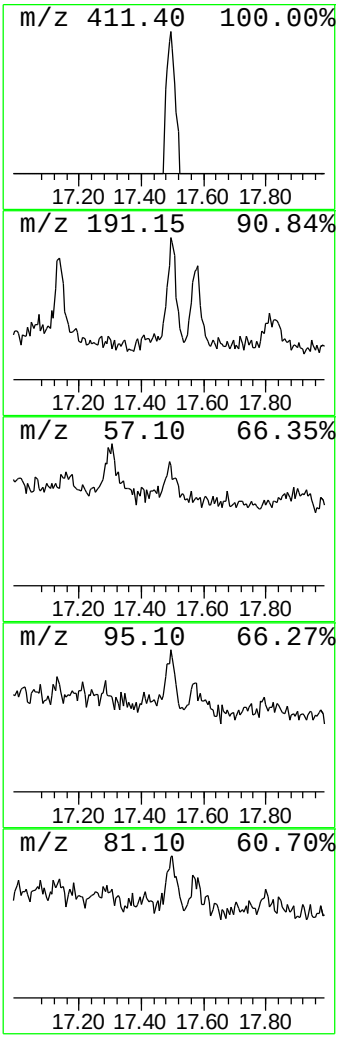
Peak Number 20 unknown17.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	4.21 ng	77607	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	18
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	18
3	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	14
4	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	14
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106873.D
Acq On : 27 Jun 2018 15:50
Operator : JU/SJ
Sample : J3570-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180373-AMENDED-COMPOSITE-

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	124.3	ng	1652230	1	6.95	265810	20.0
unknown6.73	6.73	10.8	ng	143591	1	6.95	265810	20.0
unknown7.68	7.68	3.1	ng	51352	2	8.24	335959	20.0
unknown8.52	8.52	3.1	ng	51958	2	8.24	335959	20.0
Octane, 2,6-dimet...	8.64	2.7	ng	45471	2	8.24	335959	20.0
unknown9.11	9.11	2.6	ng	44340	2	8.24	335959	20.0
Dodecane, 2,7,10-...	9.24	2.8	ng	50129	3	10.00	353493	20.0
unknown9.38	9.38	5.7	ng	100342	3	10.00	353493	20.0
unknown9.85	9.85	3.9	ng	69305	3	10.00	353493	20.0
Decahydro-4,4,8,9...	9.90	4.7	ng	82505	3	10.00	353493	20.0
unknown10.40	10.40	4.4	ng	78054	3	10.00	353493	20.0
Heptadecane, 7-me...	10.62	5.2	ng	92702	3	10.00	353493	20.0
3-Methyl-4-(metho...	10.89	9.6	ng	192758	4	11.49	403517	20.0
1,2,4,6-Tetrathie...	10.92	3.3	ng	67107	4	11.49	403517	20.0
Hexadecane, 2,6,1...	11.36	5.4	ng	109167	4	11.49	403517	20.0
Sulfurous acid, o...	13.95	2.8	ng	44374	5	14.15	317732	20.0
unknown16.88	16.88	6.0	ng	110081	6	15.69	368992	20.0
unknown17.49	17.49	4.2	ng	77607	6	15.69	368992	20.0