LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

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-BF012218.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	4.910	476	480	486	rVB	74511	103297	3.17%	0.304%
2	5.281	539	543	546	rBV	36736	43550	1.34%	0.128%
3	5.328	546	551	554	rBV	2675915	2572280	79.02%	7.580%
4	6.240	702	706	709	rBV	46971	56054	1.72%	0.165%
5	6.363	722	727	738	rBV	2500049	2877629	88.40%	8.480%
6	6.487	744	748	752	rBV	2893570	2797862	85.94%	8.245%
7	6.545	754	758	760	rBV2	60379	63733	1.96%	0.188%
8	6.716	783	787	793	rVB	925193	807900	24.82%	2.381%
9	6.869	808	813	817	rBV	2324067	2193830	67.39%	6.465%
10	6.981	827	832	836	rVB4	60925	78120	2.40%	0.230%
11	7.104	850	853	855	rBV3	41416	37057	1.14%	0.109%
12	7.234	871	875	877	rBV	40320	41125	1.26%	0.121%
13	7.287	879	884	887	rVV	1757205	1777390	54.60%	5.238%
14	7.310	887	888	892	rVB	83167	45461	1.40%	0.134%
15	7.357	892	896	898	rBV3	43663	47290	1.45%	0.139%
16	7.516	921	923	926	rVB2	52261	41120	1.26%	0.121%
17	7.634	941	943	946	rVB3	48323	36722	1.13%	0.108%
18	7.745	958	962	968	rBV6	23495	47209	1.45%	0.139%
19	7.998	998	1005	1007	rBV	1257294	1050777	32.28%	3.097%
20	8.016	1007	1008	1013	rVB	115265	103338	3.17%	0.305%
21	8.198	1036	1039	1041	rVB	50918	37840	1.16%	0.112%
22	8.287	1049	1054	1058	rBV7	31283	46625	1.43%	0.137%
23	8.351	1061	1065	1067	rBV4	23662	36997	1.14%	0.109%
24	8.416	1072	1076	1078	rBV	75052	68451	2.10%	0.202%
25	8.498	1087	1090	1093	rBV3	40527	39249	1.21%	0.116%
26	8.534	1093	1096	1098	rVV2	54840	45451	1.40%	0.134%
27	8.586	1102	1105	1108	rBV2	48345	41574	1.28%	0.123%
28	8.710	1124	1126	1128	rBV	82708	65604	2.02%	0.193%
29	8.775	1133	1137	1141	rBV	280655	383812	11.79%	1.131%
30	8.810	1141	1143	1151	rVB	96609	126842	3.90%	0.374%
31	8.875	1151	1154	1156	rBV3	42511	50205	1.54%	0.148%
32	8.904	1156	1159	1164	rVB4	29140	46211	1.42%	0.136%
33	8.986	1170	1173	1175	rBV2	42301	37128	1.14%	0.109%
34	9.016	1175	1178	1181	rBV	124245	99053	3.04%	0.292%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.075	1183	1188	1191	rBV	3299503	2957534	90.85%	8.716%
36	9.151	1197	1201	1203	rBV	152719	150539	4.62%	0.444%
37	9.175	1203	1205	1211	rVB3	84843	118142	3.63%	0.348%
38	9.339	1231	1233	1236	rVB3	47134	38221	1.17%	0.113%
39	9.410	1242	1245	1247	rBV	69662	77798	2.39%	0.229%
40	9.469	1250	1255	1258	rVV	648972	572402	17.58%	1.687%
41	9.610	1276	1279	1284	rBV3	145810	152760	4.69%	0.450%
42	9.657	1284	1287	1289	rBV	145075	117329	3.60%	0.346%
43	9.681	1289	1291	1295	rBV	131173	115827	3.56%	0.341%
44	9.728	1295	1299	1300	rBV3	114294	132995	4.09%	0.392%
45	9.751	1300	1303	1306	rVV2	1238026	1069121	32.84%	3.151%
46	9.781	1306	1308	1314	rVB2	201583	200712	6.17%	0.591%
47	9.957	1333	1338	1343	rBV2	129763	191697	5.89%	0.565%
48	10.004	1343	1346	1349	rVV3	85761	84420	2.59%	0.249%
49	10.069	1354	1357	1358	rBV2	84519	89432	2.75%	0.264%
50	10.151	1368	1371	1374	rBV3	174659	200850	6.17%	0.592%
51	10.181	1374	1376	1378	rVV	156656	119937	3.68%	0.353%
52	10.204	1378	1380	1382	rVV2	64759	56783	1.74%	0.167%
53	10.298	1393	1396	1403	rBV2	203669	201668	6.19%	0.594%
54	10.398	1411	1413	1417	rVB	183914	190014	5.84%	0.560%
55	10.545	1434	1438	1442	rBV	1456331	1394484	42.84%	4.110%
56	10.663	1454	1458	1465	rVB	491292	651119	20.00%	1.919%
57	11.133	1535	1538	1545	rVB	389054	428833	13.17%	1.264%
58	11.239	1553	1556	1558	rBV	983017	862270	26.49%	2.541%
59	11.263	1558	1560	1564	rVV	991177	786657	24.16%	2.318%
60	11.316	1566	1569	1571	rVV	235930	198410	6.09%	0.585%
61	11.851	1658	1660	1663	rVB	264064	230756	7.09%	0.680%
62	12.457	1760	1763	1766	rBV	1163978	983241	30.20%	2.898%
63	12.686	1800	1802	1805	rVB	827418	654685	20.11%	1.929%
64	12.833	1823	1827	1833	rVB	1511568	1702248	52.29%	5.016%
65	16.415	2431	2436	2445	rVB	1543411	3255420	100.00%	9.594%

Sum of corrected areas: 33933090

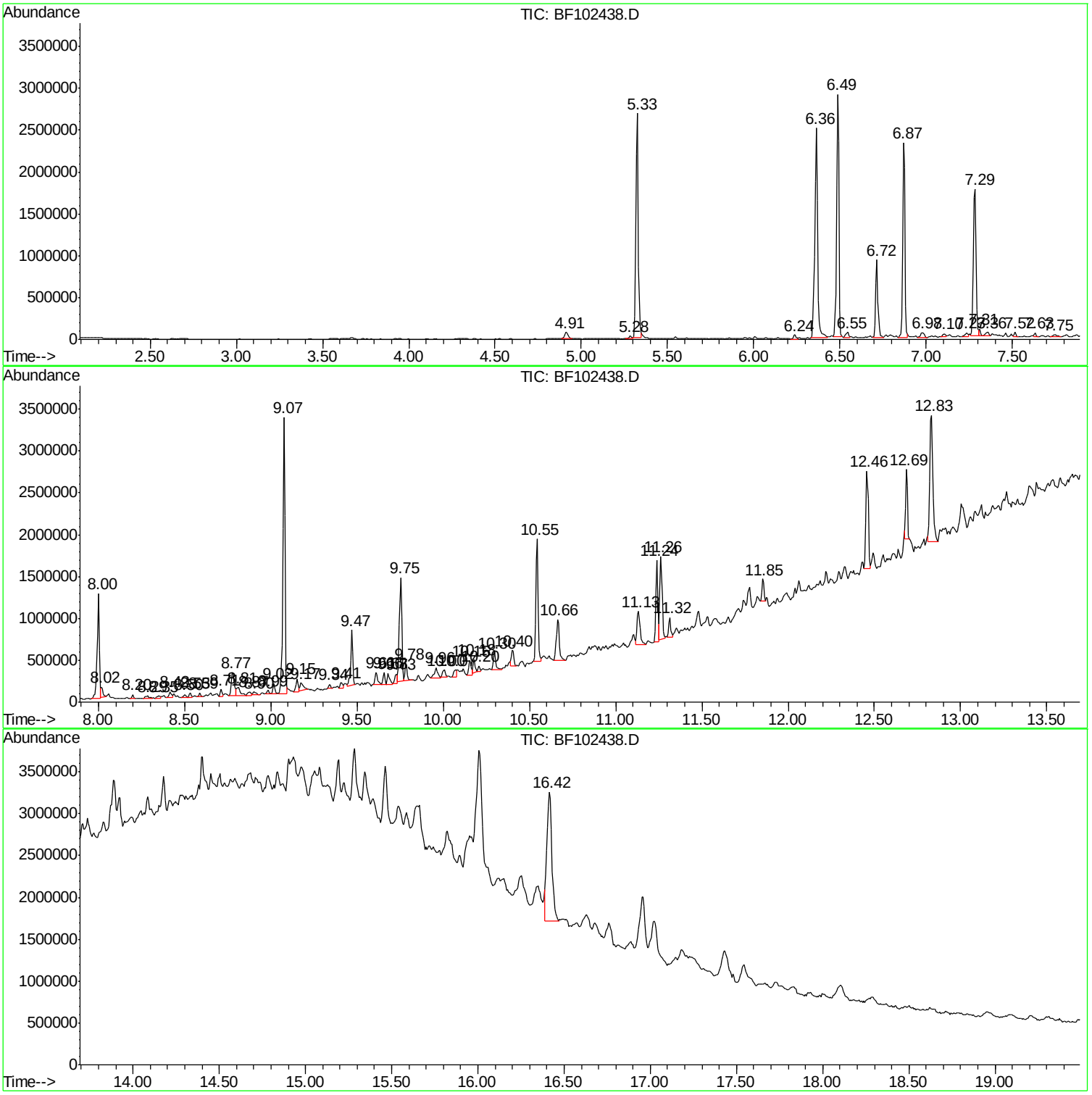
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

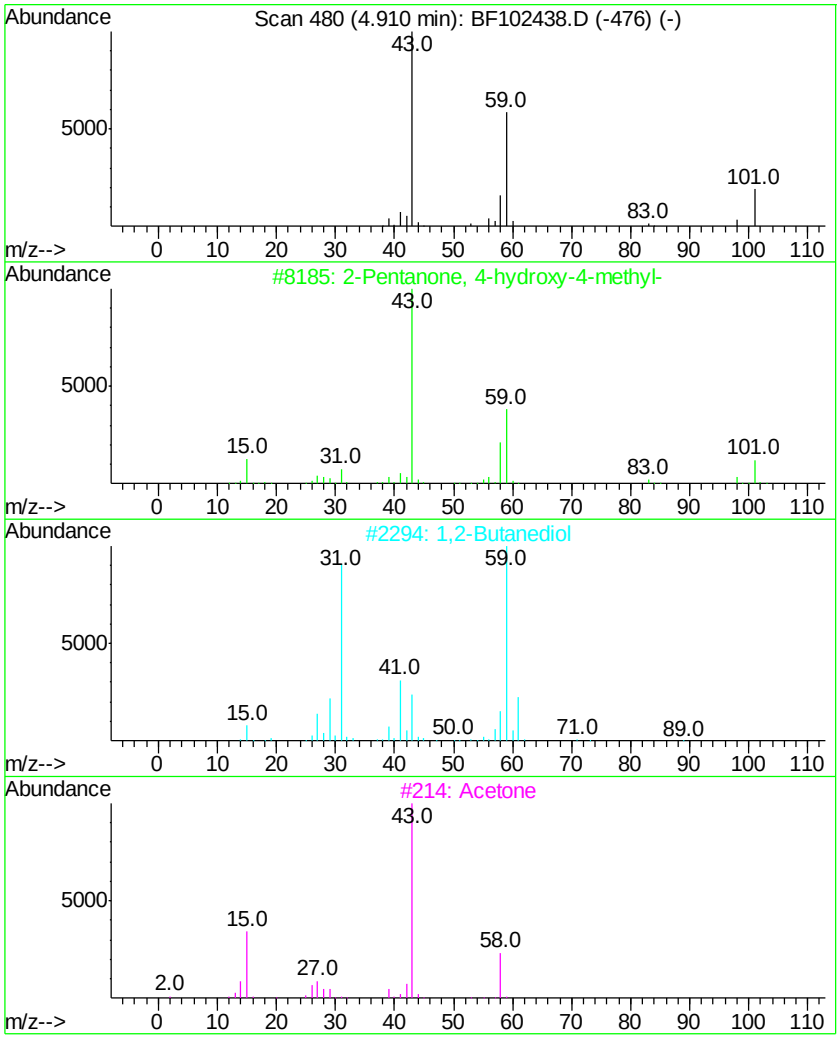
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

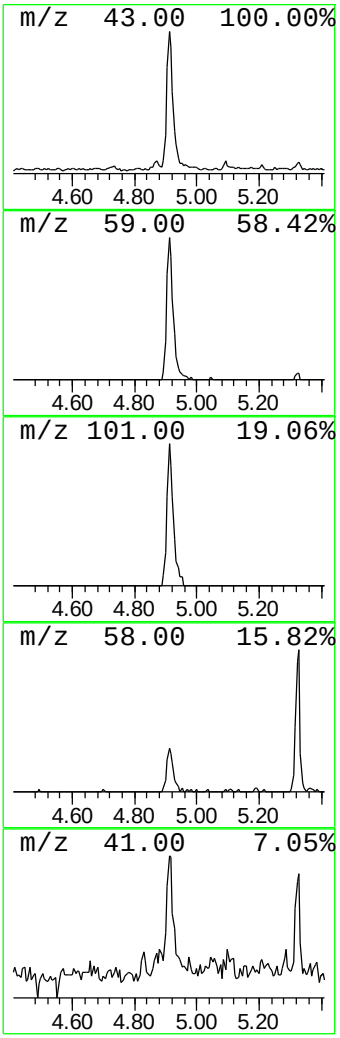
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.56 ng	103297	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	1,2-Butanediol	90	C4H10O2	000584-03-2	25
3	Acetone	58	C3H6O	000067-64-1	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

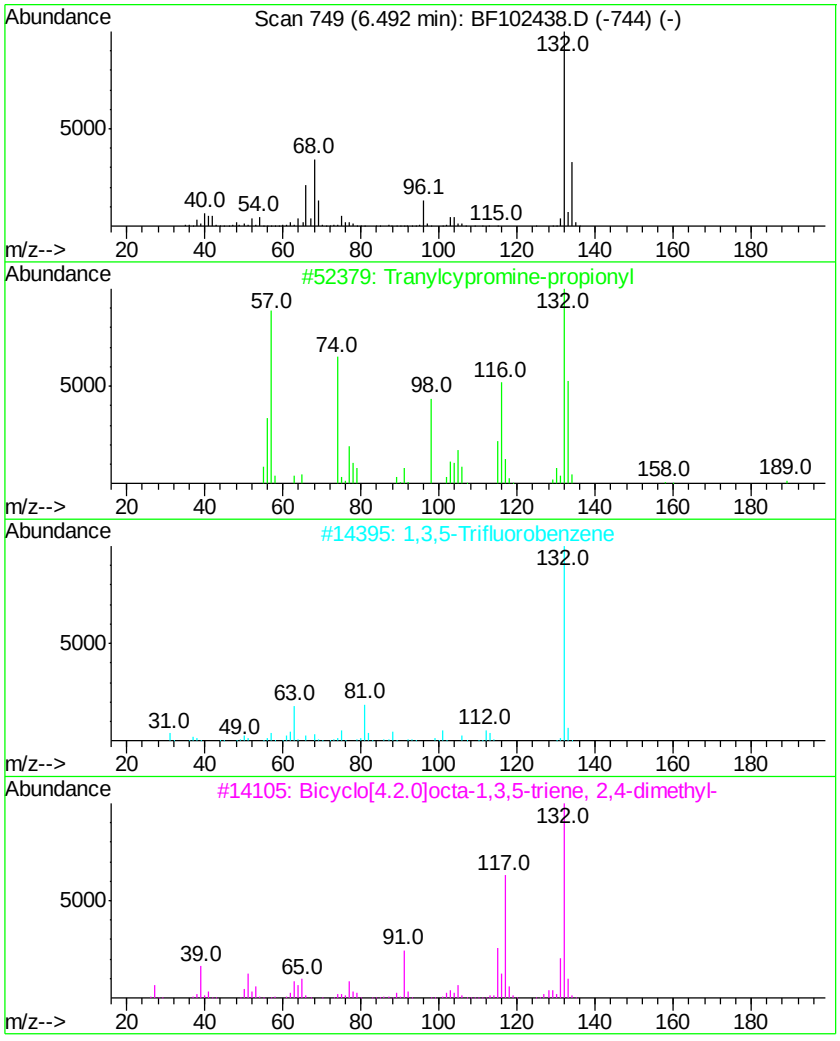
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

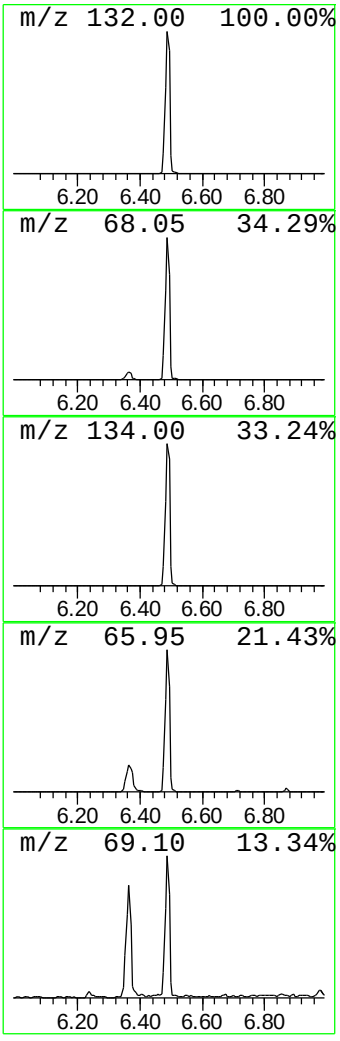
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	69.26 ng	2797860	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

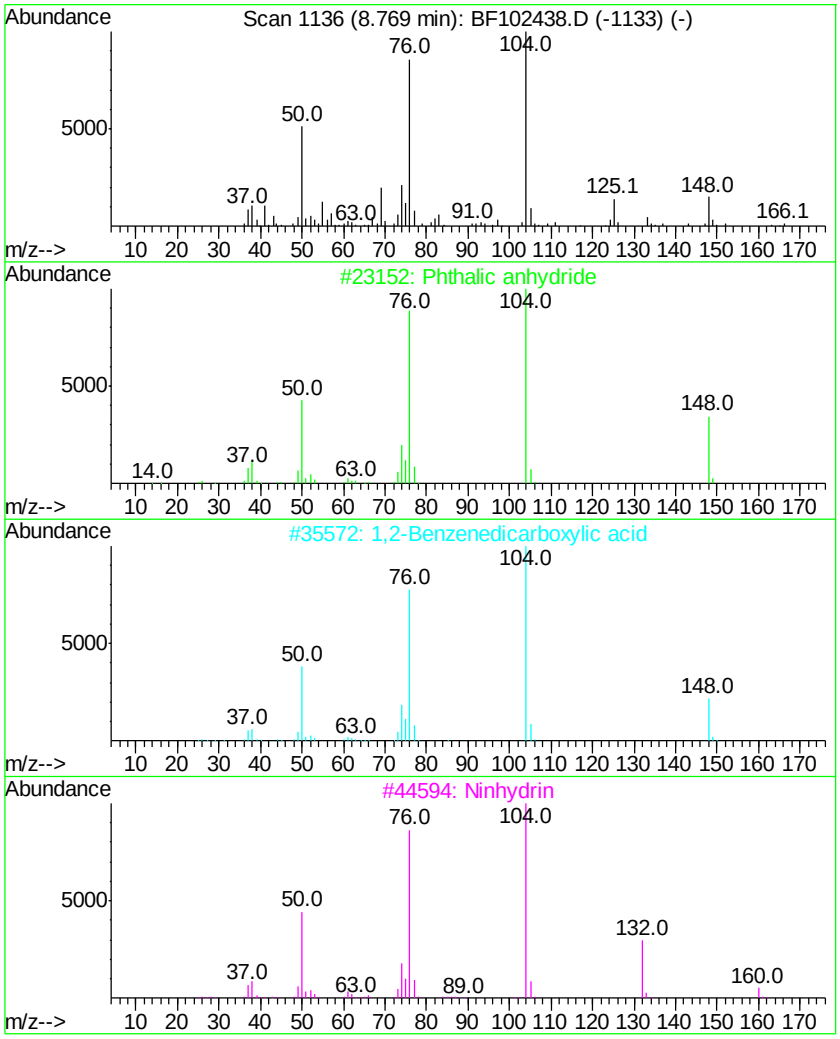
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

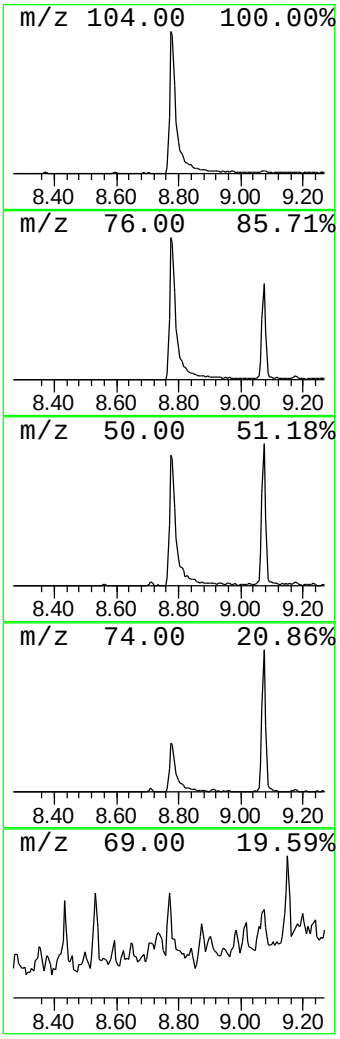
****

Peak Number 4 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	7.31 ng	383812	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	93
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	91
3	Ninhydrin	178	C9H6O4	000485-47-2	90
4	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
5	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

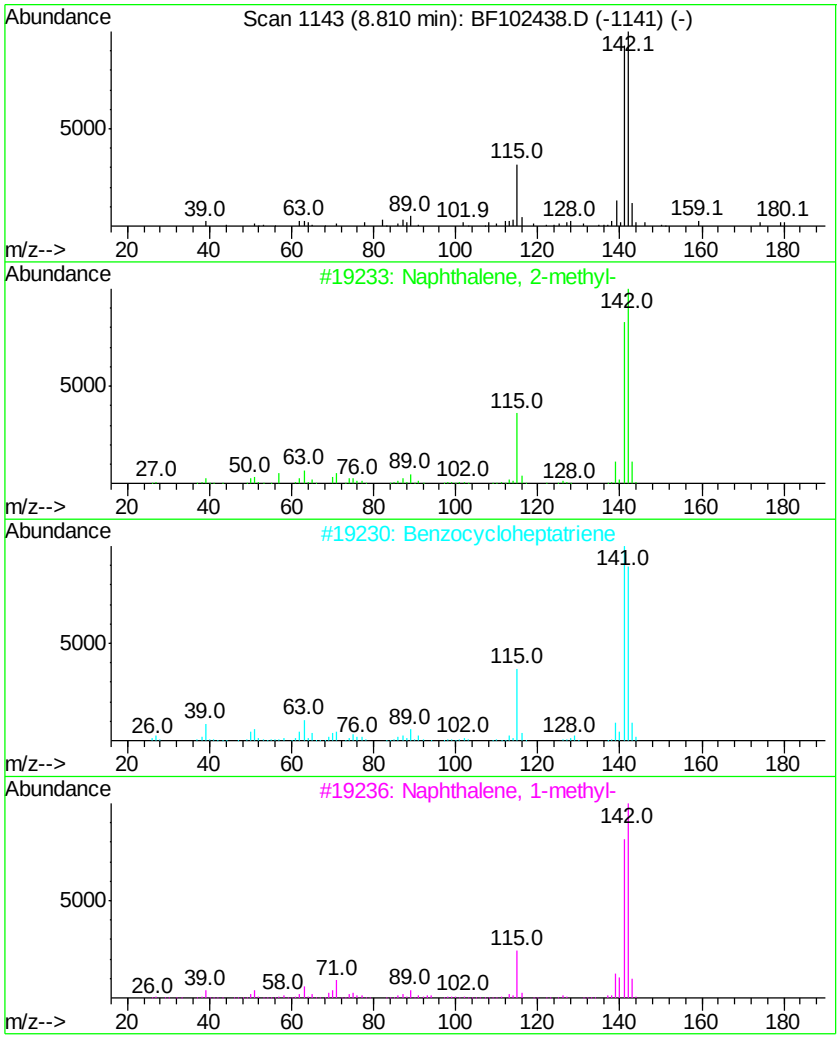
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

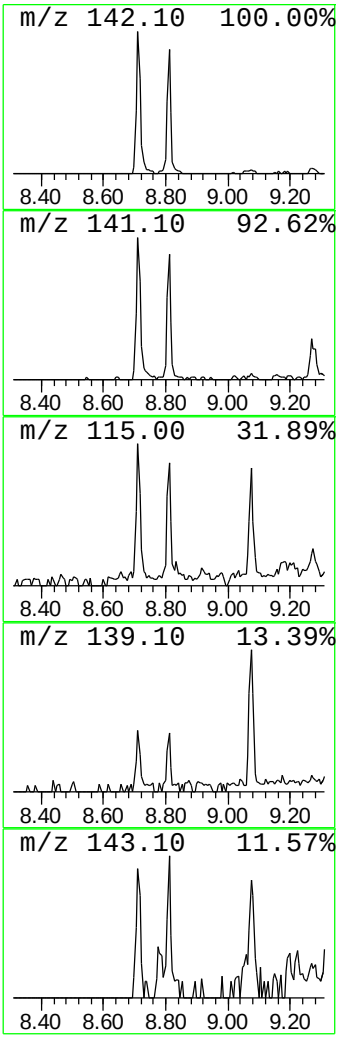
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.41 ng	126842	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	83
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

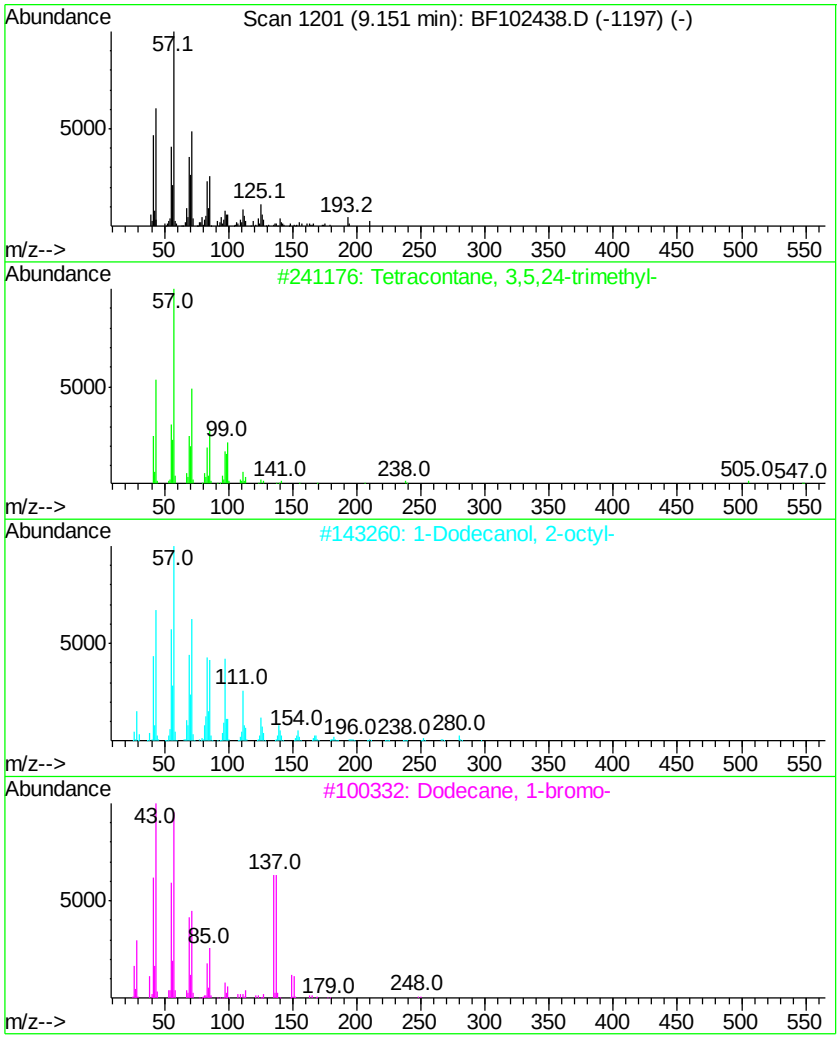
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

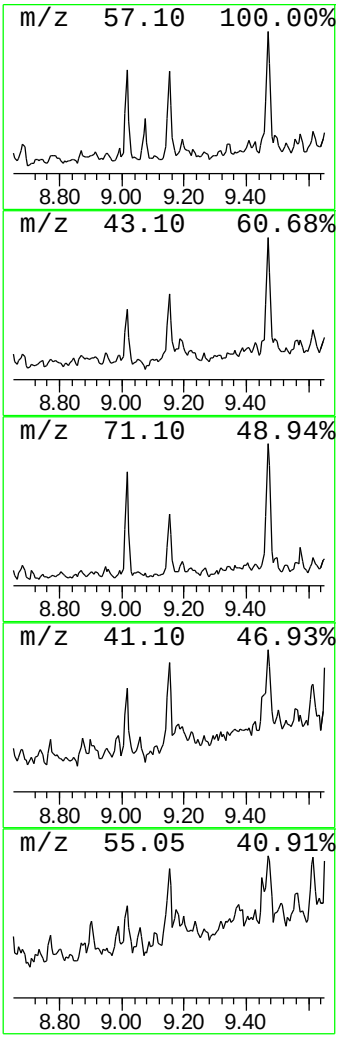
****

Peak Number 6 Tetracontane, 3,5,24-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.82 ng	150539	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	86
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	80
3	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	59
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	58
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

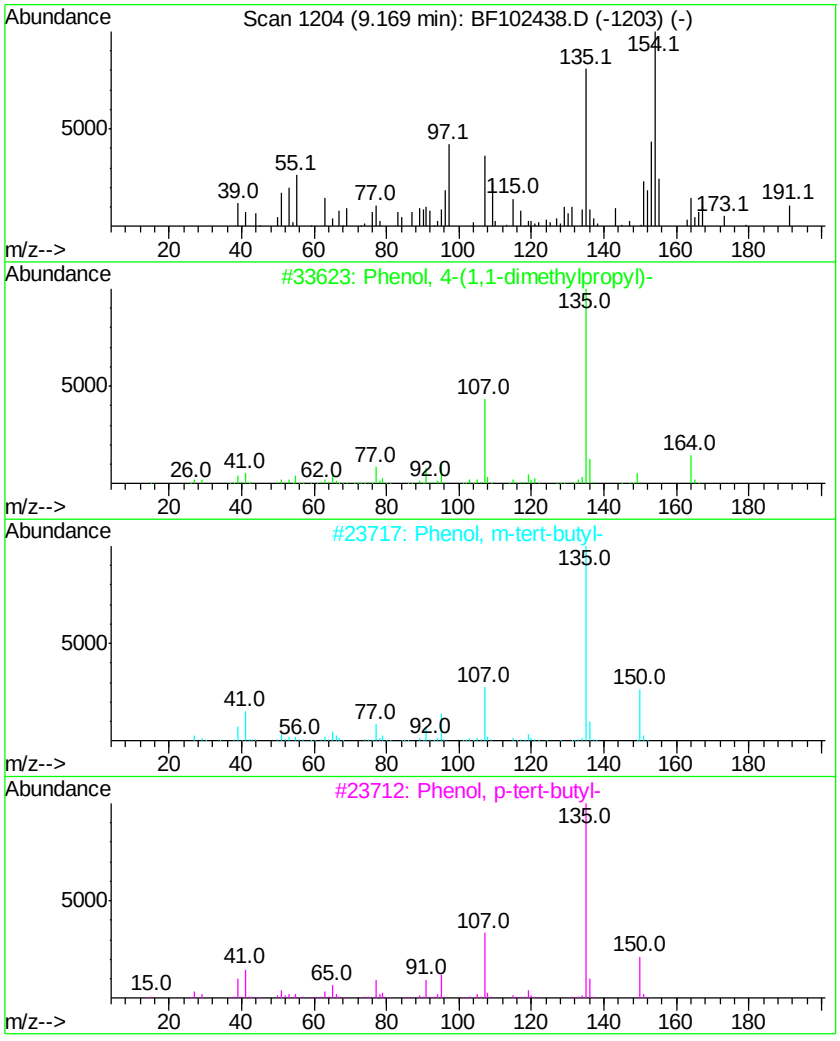
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

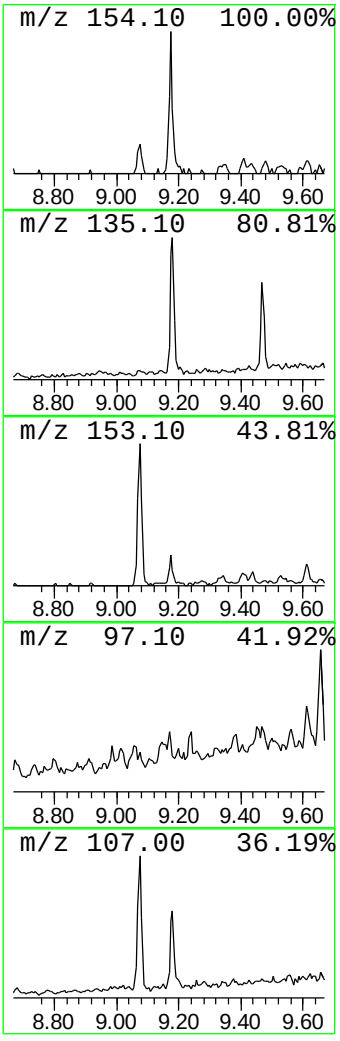
****

Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.21 ng	118142	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	47
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	46
5	Hexestrol	270	C18H22O2	000084-16-2	43





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

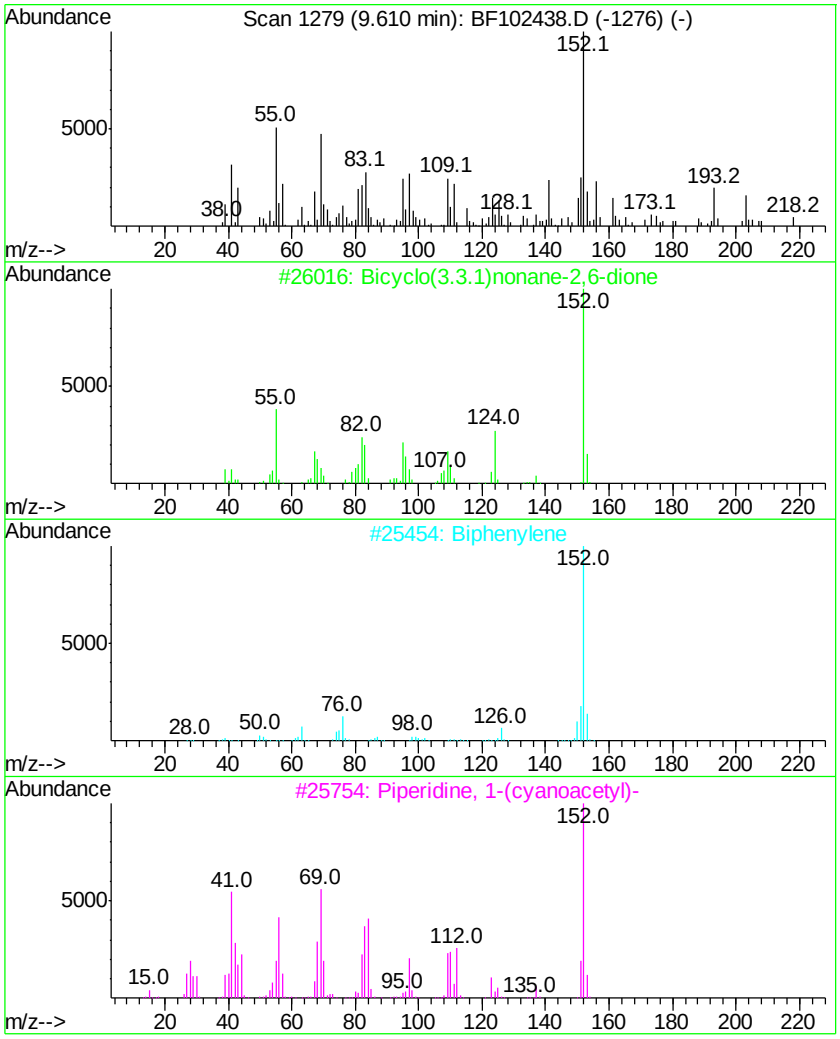
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

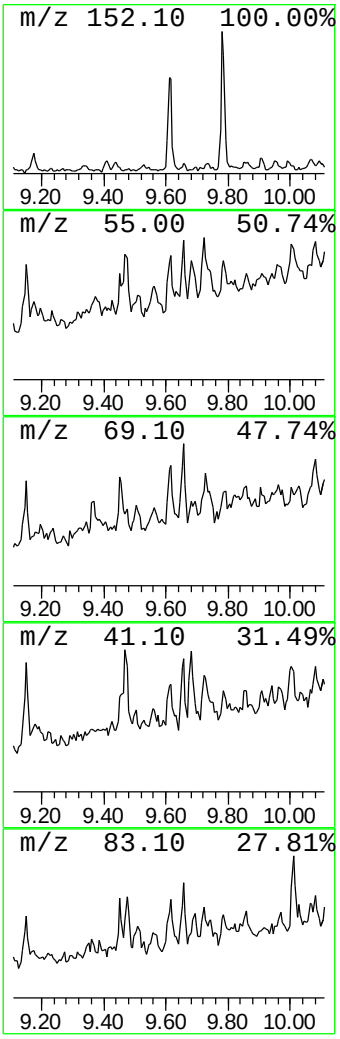
****

Peak Number 8 unknown9.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.86 ng	152760	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	43
2	Biphenylene	152	C12H8	000259-79-0	38
3	Piperidine, 1-(cyanoacetyl)-	152	C8H12N2O	015029-30-8	35
4	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	35
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

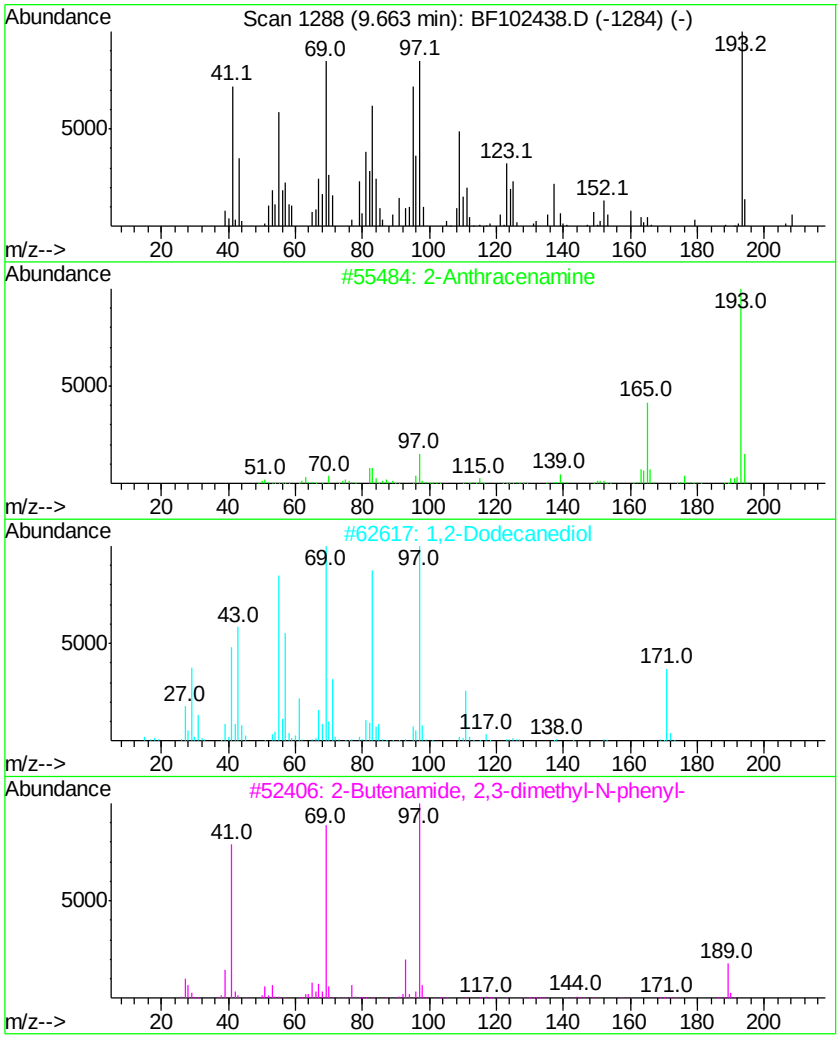
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

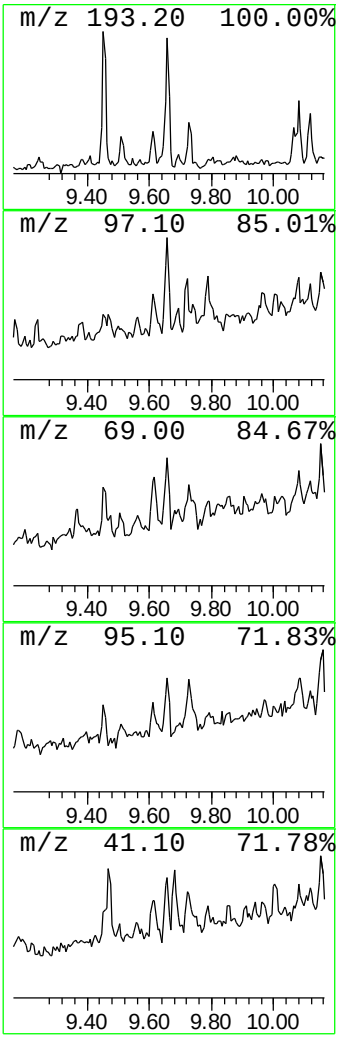
****

Peak Number 9 unknown9.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.19 ng	117329	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	42
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
3	2-Butenamide, 2,3-dimethyl-N-phe...	189	C12H15NO	024735-54-4	22
4	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	14
5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	14





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Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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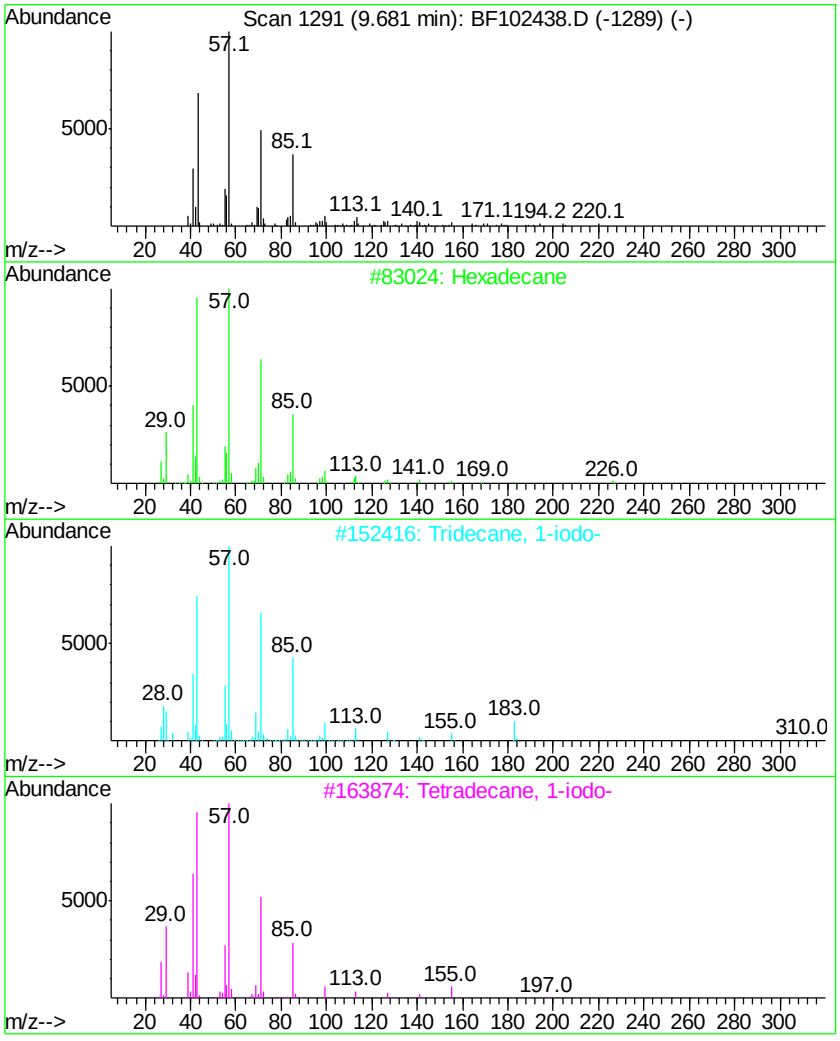
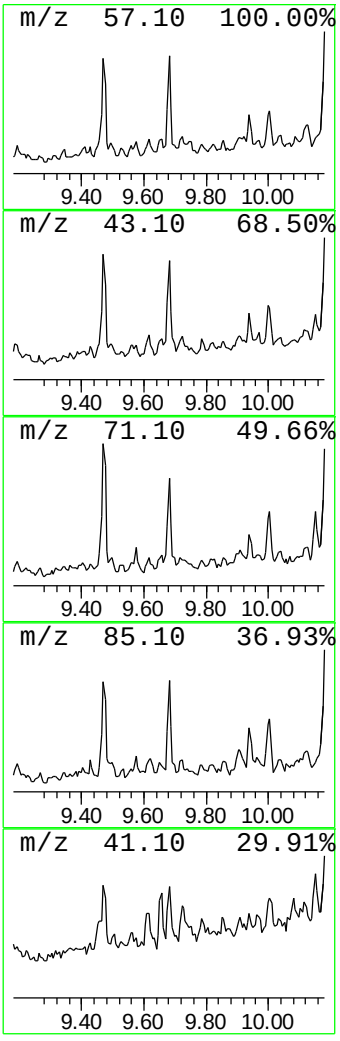
Peak Number 10 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.17 ng	115827	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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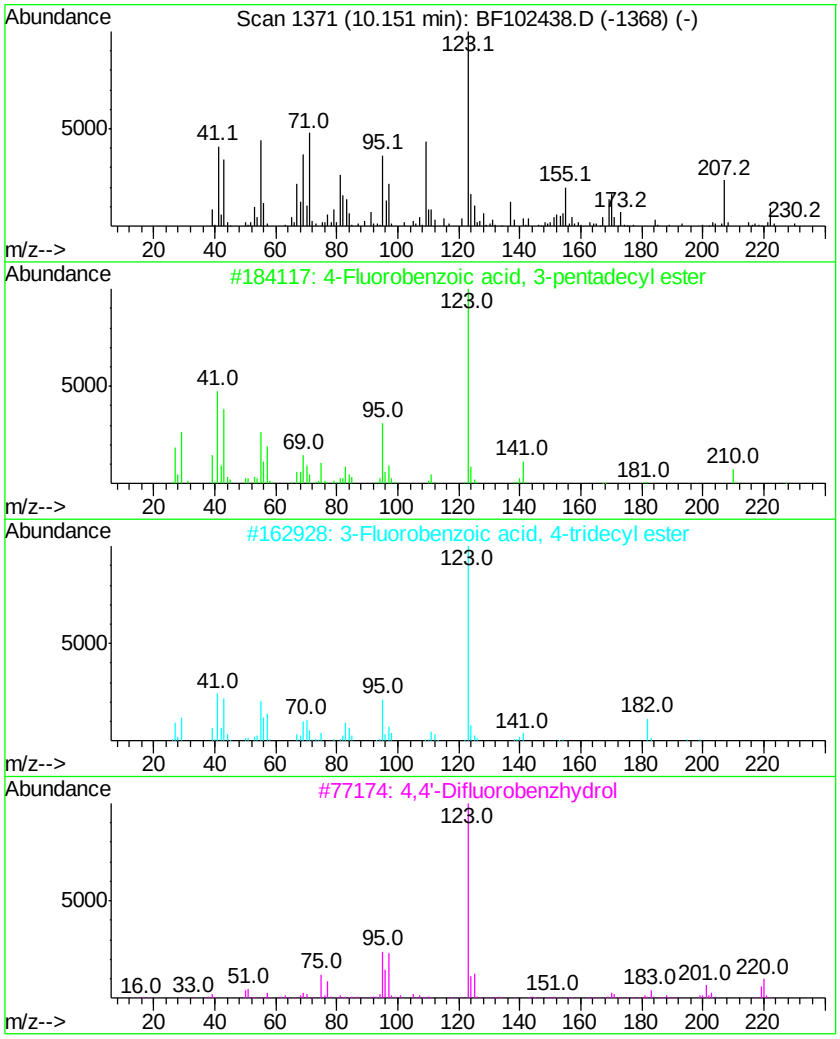
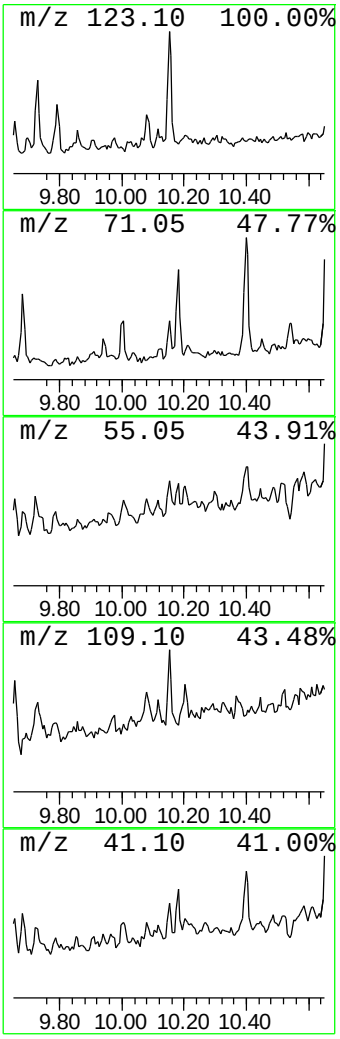
Peak Number 11 unknown10.15 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	3.76 ng	200850	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	27
2	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	27
3	4,4'-Difluorobenzhydrol	220	C13H10F2O	000365-24-2	27
4	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	27
5	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	27





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Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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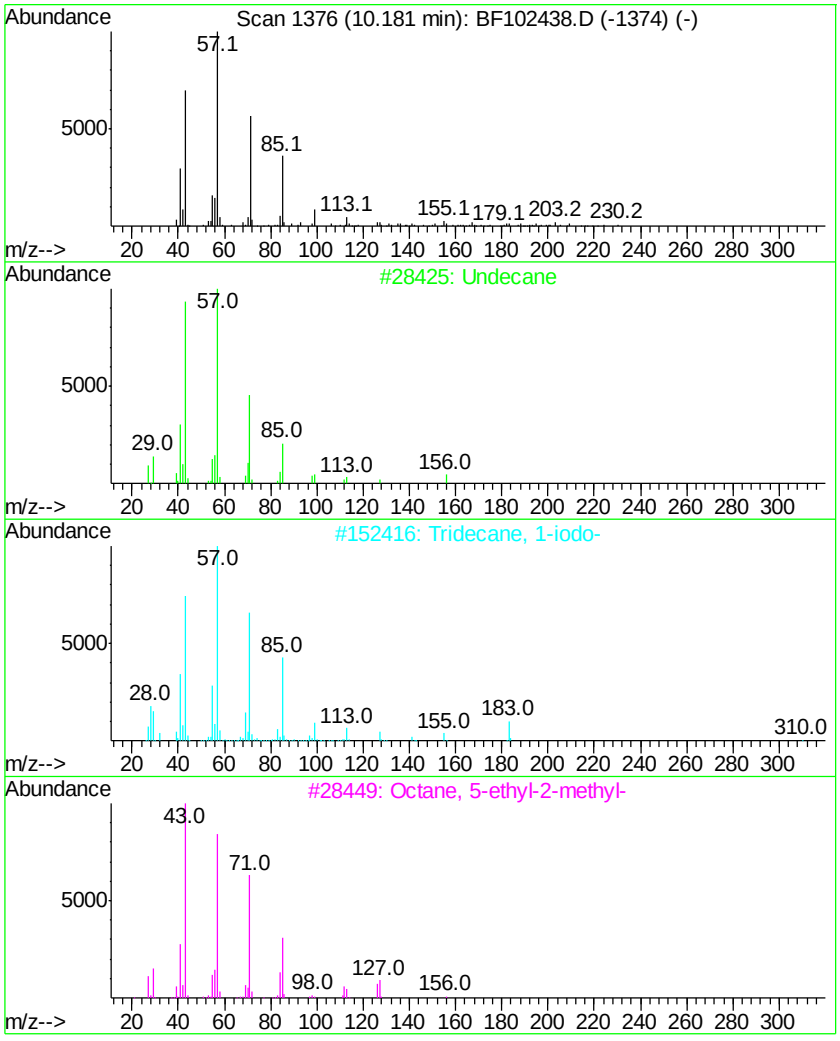
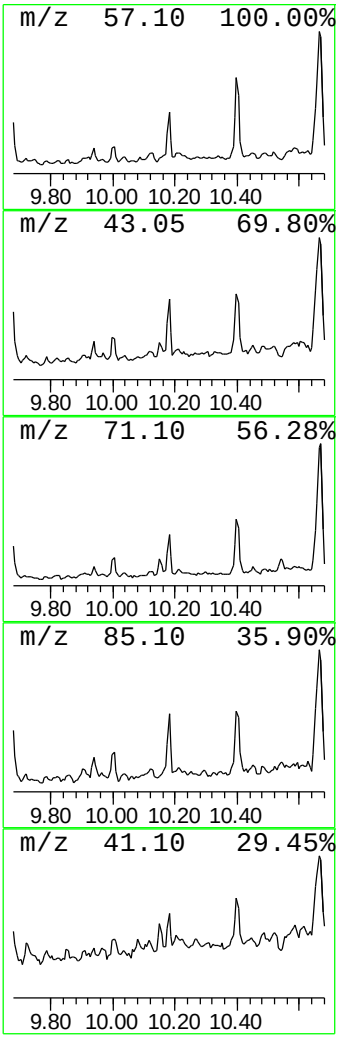
Peak Number 12 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.24 ng	119937	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Eicosane	282	C20H42	000112-95-8	78





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Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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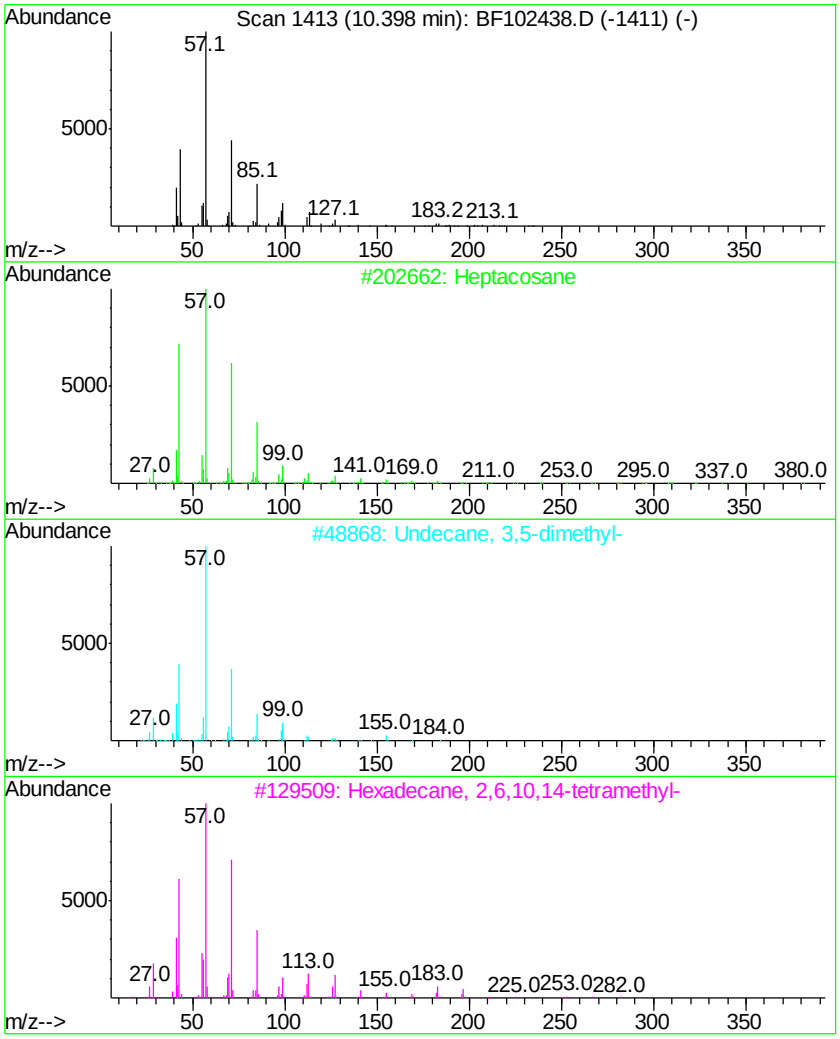
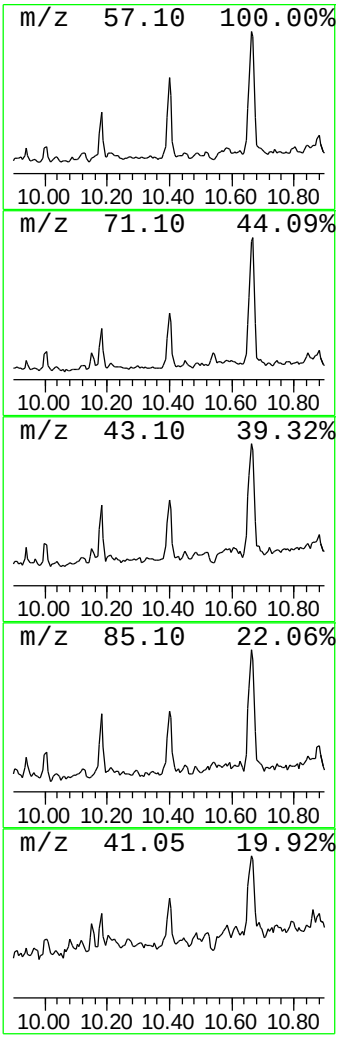
Peak Number 13 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.55 ng	190014	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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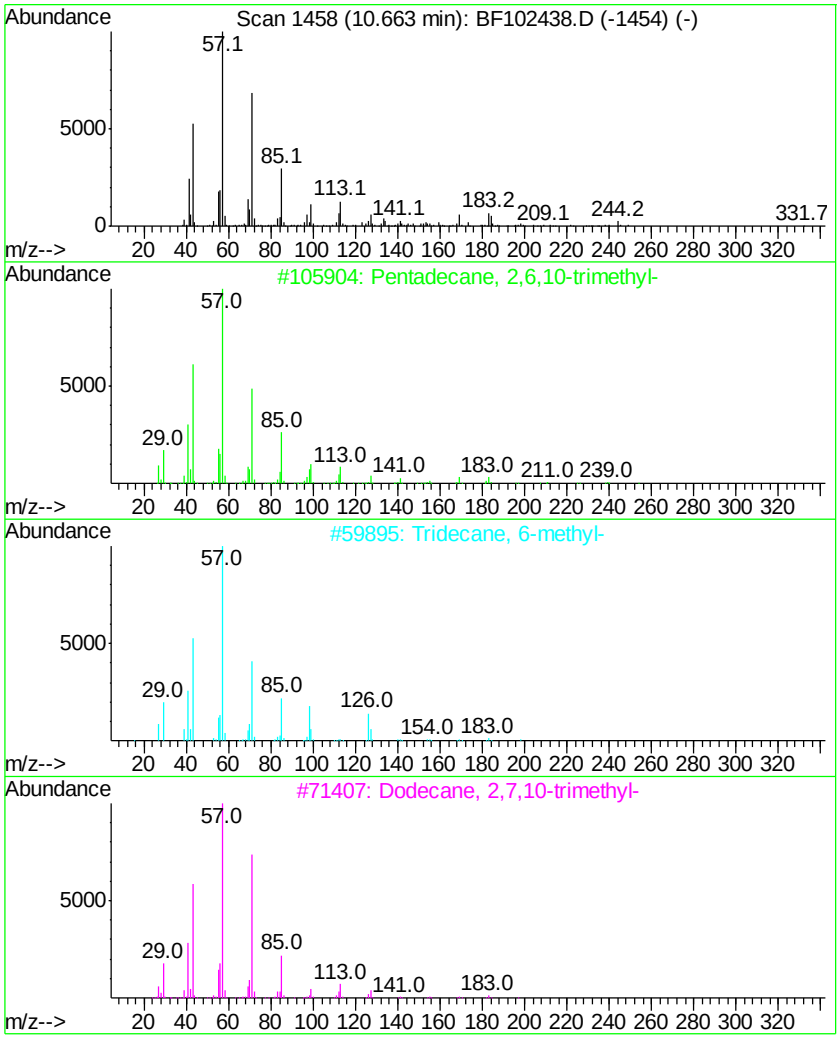
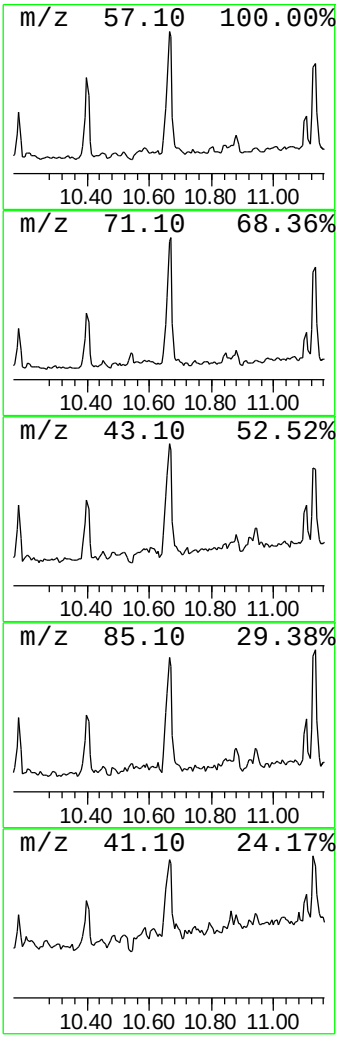
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	15.10 ng	651119	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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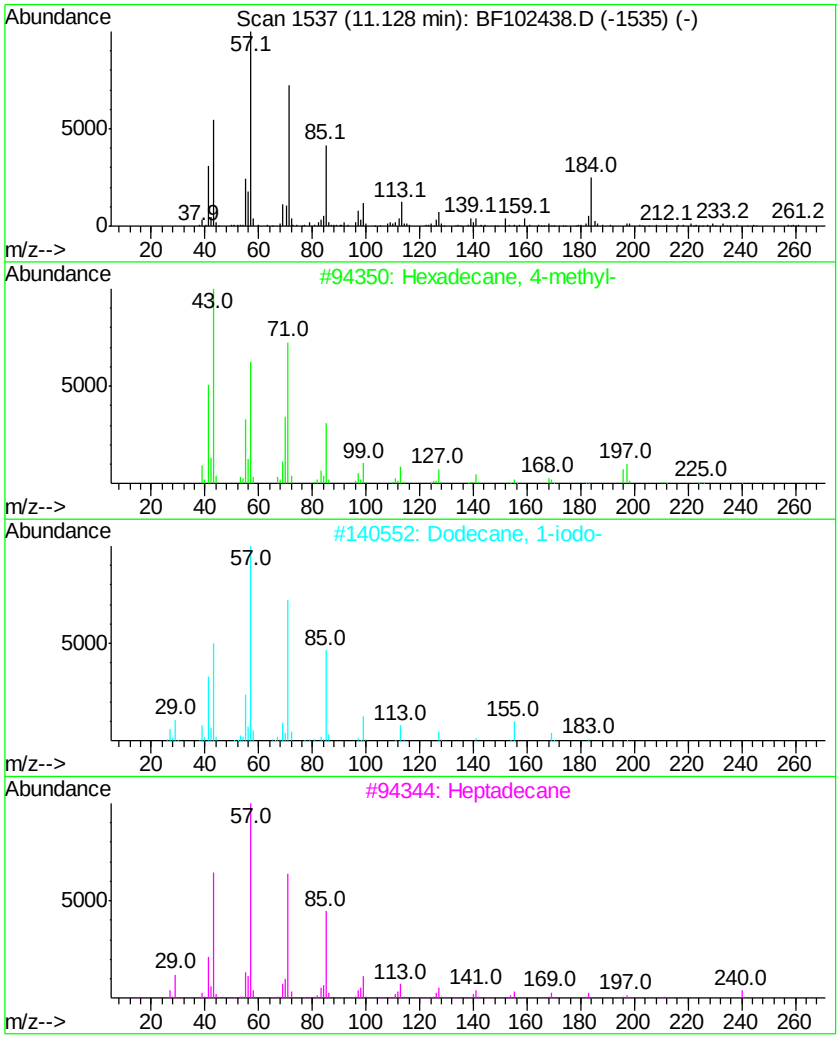
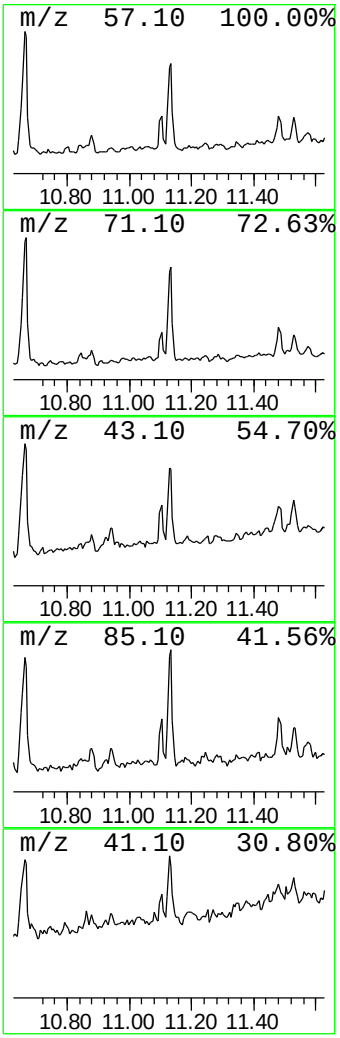
Peak Number 15 Hexadecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.95 ng	428833	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	70
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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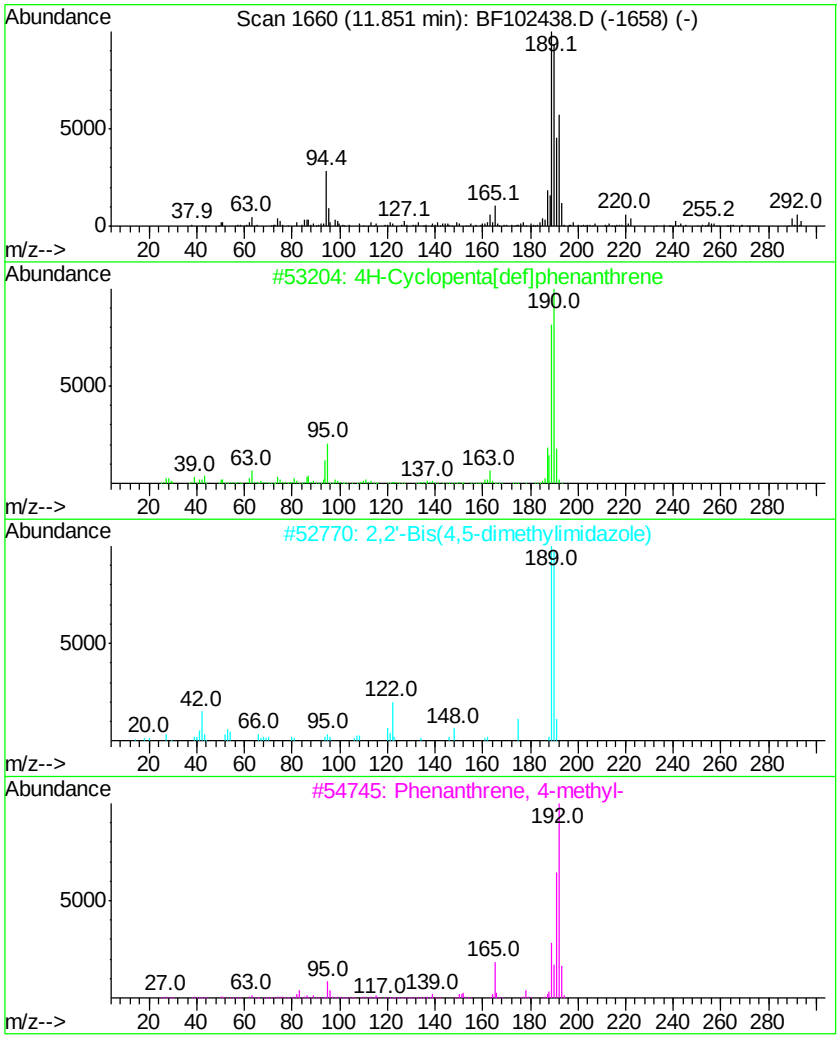
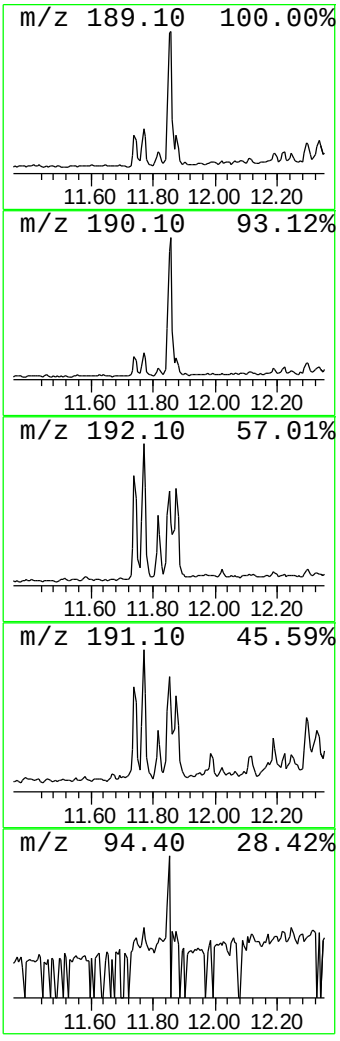
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.35 ng	230756	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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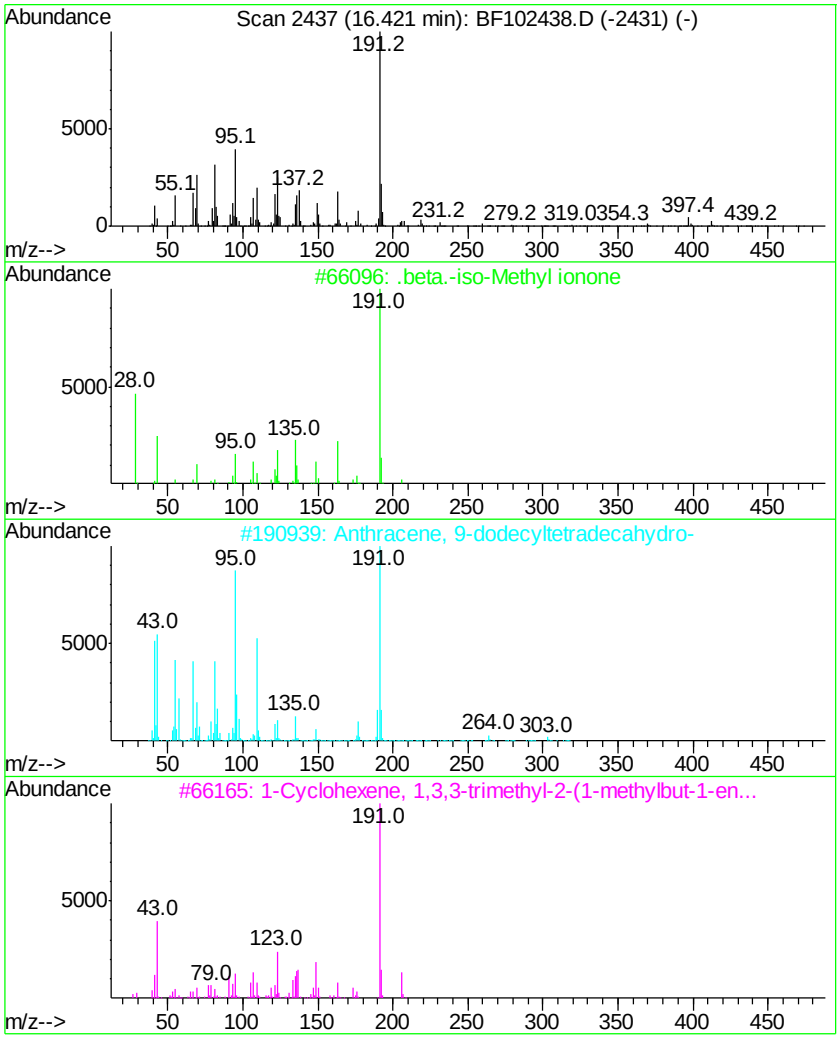
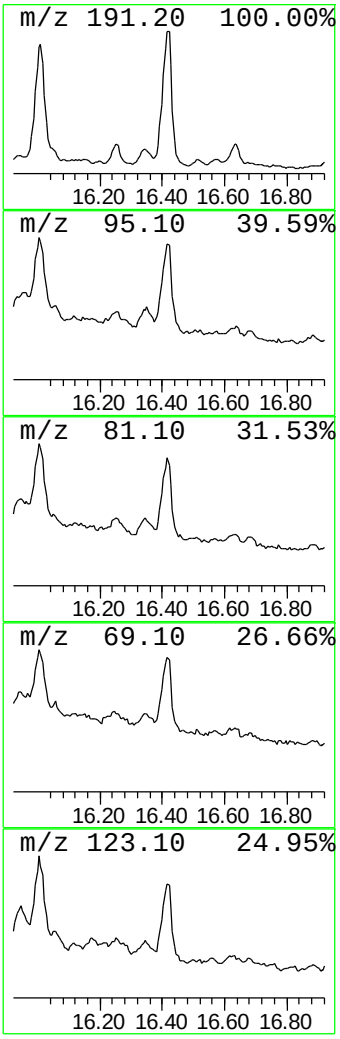
Peak Number 17 unknown16.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	20.00 ng	3255420	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	32
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102438.D
Acq On : 25 Jan 2018 21:58
Operator : SJ/JU
Sample : J1256-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-E-W-(NW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.91	2.6	ng	103297	1	6.72	807900	20.0
unknown6.49	6.49	69.3	ng	2797860	1	6.72	807900	20.0
Phthalic anhydride	8.77	7.3	ng	383812	2	8.00	1050780	20.0
Naphthalene, 1-me...	8.81	2.4	ng	126842	2	8.00	1050780	20.0
Tetracontane, 3,5...	9.15	2.8	ng	150539	3	9.75	1069120	20.0
Phenol, 4-(1,1-di...	9.17	2.2	ng	118142	3	9.75	1069120	20.0
unknown9.61	9.61	2.9	ng	152760	3	9.75	1069120	20.0
unknown9.66	9.66	2.2	ng	117329	3	9.75	1069120	20.0
Hexadecane	9.68	2.2	ng	115827	3	9.75	1069120	20.0
unknown10.15	10.15	3.8	ng	200850	3	9.75	1069120	20.0
Undecane	10.18	2.2	ng	119937	3	9.75	1069120	20.0
Heptacosane	10.40	3.5	ng	190014	3	9.75	1069120	20.0
Pentadecane, 2,6,...	10.66	15.1	ng	651119	4	11.24	862270	20.0
Hexadecane, 4-met...	11.13	9.9	ng	428833	4	11.24	862270	20.0
4H-Cyclopenta[def...	11.85	5.3	ng	230756	4	11.24	862270	20.0
unknown16.42	16.42	20.0	ng	3255420	6	15.35	3255420	20.0