LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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	2.163	7	13	29	rVB4	104827	291913	13.19%	1.210%
2	3.710	267	276	280	rBV3	42191	100357	4.54%	0.416%
3	4.087	333	340	345	rBV	74884	116282	5.26%	0.482%
4	4.234	361	365	367	rBV2	85355	109653	4.96%	0.454%
5	4.298	372	376	384	rVB2	85994	126978	5.74%	0.526%
6	4.898	474	478	483	rBV	230235	250823	11.34%	1.039%
7	5.340	550	553	568	rBV	1265334	1482865	67.03%	6.144%
8	5.492	576	579	583	rBV	165968	180446	8.16%	0.748%
9	5.575	591	593	599	rVV2	82052	117723	5.32%	0.488%
10	5.634	600	603	611	rVB	69469	79550	3.60%	0.330%
11	6.140	679	689	693	rBV	249358	314980	14.24%	1.305%
12	6.228	701	704	709	rBV2	92850	110272	4.98%	0.457%
13	6.381	726	730	736	rBV	1400186	1495106	67.58%	6.195%
14	6.428	736	738	742	rVV	97732	117416	5.31%	0.487%
15	6.492	746	749	754	rVB	1575141	1476890	66.76%	6.119%
16	6.587	762	765	769	rBV3	79511	92344	4.17%	0.383%
17	6.710	783	786	791	rBV	987682	830119	37.52%	3.440%
18	6.863	808	812	819	rVB	1494623	1291845	58.39%	5.353%
19	7.022	834	839	842	rBV	146201	146443	6.62%	0.607%
20	7.122	849	856	859	rBV2	127180	170665	7.71%	0.707%
21	7.157	859	862	868	rVB2	67653	116262	5.26%	0.482%
22	7.245	874	877	879	rBV	105016	81657	3.69%	0.338%
23	7.281	879	883	889	rVV	954670	913440	41.29%	3.785%
24	7.351	892	895	901	rVB2	107107	118475	5.36%	0.491%
25	7.516	920	923	926	rBV	88936	84265	3.81%	0.349%
26	7.651	943	946	951	rBV	97553	100170	4.53%	0.415%
27	7.775	962	967	969	rBV2	113995	165336	7.47%	0.685%
28	7.928	989	993	995	rVB2	101673	103880	4.70%	0.430%
29	7.992	1001	1004	1008	rVB	1185006	914022	41.32%	3.787%
30	8.269	1048	1051	1054	rBV3	58947	76800	3.47%	0.318%
31	8.369	1065	1068	1071	rBV	143630	180110	8.14%	0.746%
32	8.422	1075	1077	1083	rVB5	80700	158132	7.15%	0.655%
33	8.516	1090	1093	1097	rBV5	58827	76688	3.47%	0.318%
34	8.610	1104	1109	1111	rBV4	57022	89236	4.03%	0.370%

LSC Area Percent Report

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Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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	8.728	1126	1129	1132	rBV4	68652	92029	4.16%	0.381%
36	8.786	1136	1139	1142	rBV2	140944	135807	6.14%	0.563%
37	8.857	1149	1151	1154	rBV3	85179	110206	4.98%	0.457%
38	8.933	1162	1164	1166	rBV3	103519	114002	5.15%	0.472%
39	8.975	1169	1171	1173	rVB2	185701	141653	6.40%	0.587%
40	9.004	1173	1176	1179	rBV4	160388	162724	7.36%	0.674%
41	9.069	1181	1187	1190	rBV	1797627	1612460	72.89%	6.681%
42	9.133	1194	1198	1202	rBV3	416155	549325	24.83%	2.276%
43	9.169	1202	1204	1208	rBV5	255301	411090	18.58%	1.703%
44	9.339	1229	1233	1235	rBV3	366431	531774	24.04%	2.203%
45	9.445	1248	1251	1253	rBV3	1294214	1130831	51.12%	4.686%
46	9.604	1275	1278	1280	rBV2	911489	912637	41.25%	3.781%
47	9.651	1283	1286	1288	rVB	1738102	1548791	70.01%	6.417%
48	9.722	1295	1298	1301	rBV4	779657	1148014	51.89%	4.757%
49	9.751	1301	1303	1305	rVB	733596	558230	25.23%	2.313%
50	9.780	1305	1308	1311	rBV3	455508	681470	30.80%	2.824%
51	10.151	1368	1371	1377	rBV3	1095378	2212303	100.00%	9.167%

Sum of corrected areas: 24134489

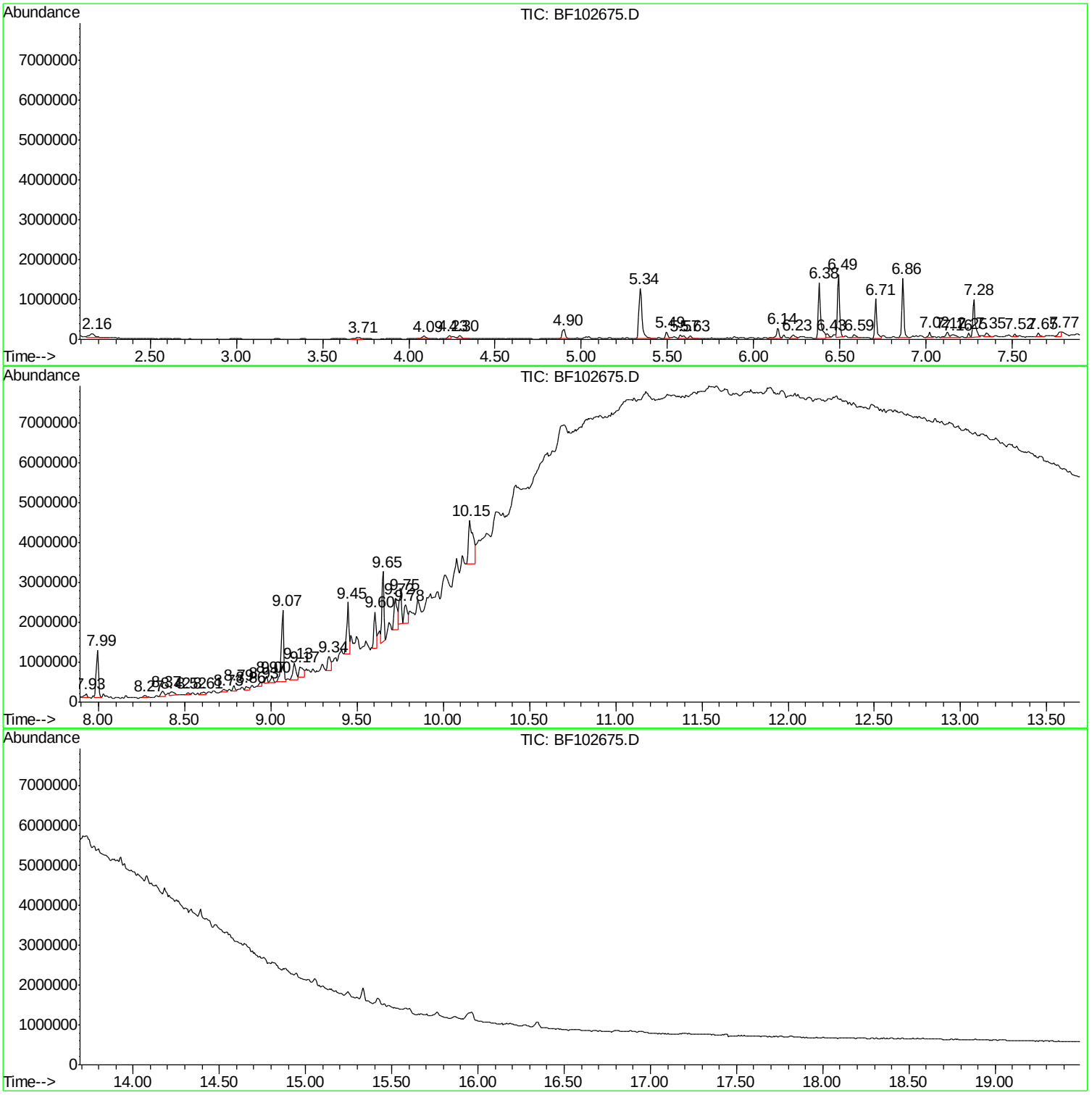
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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 : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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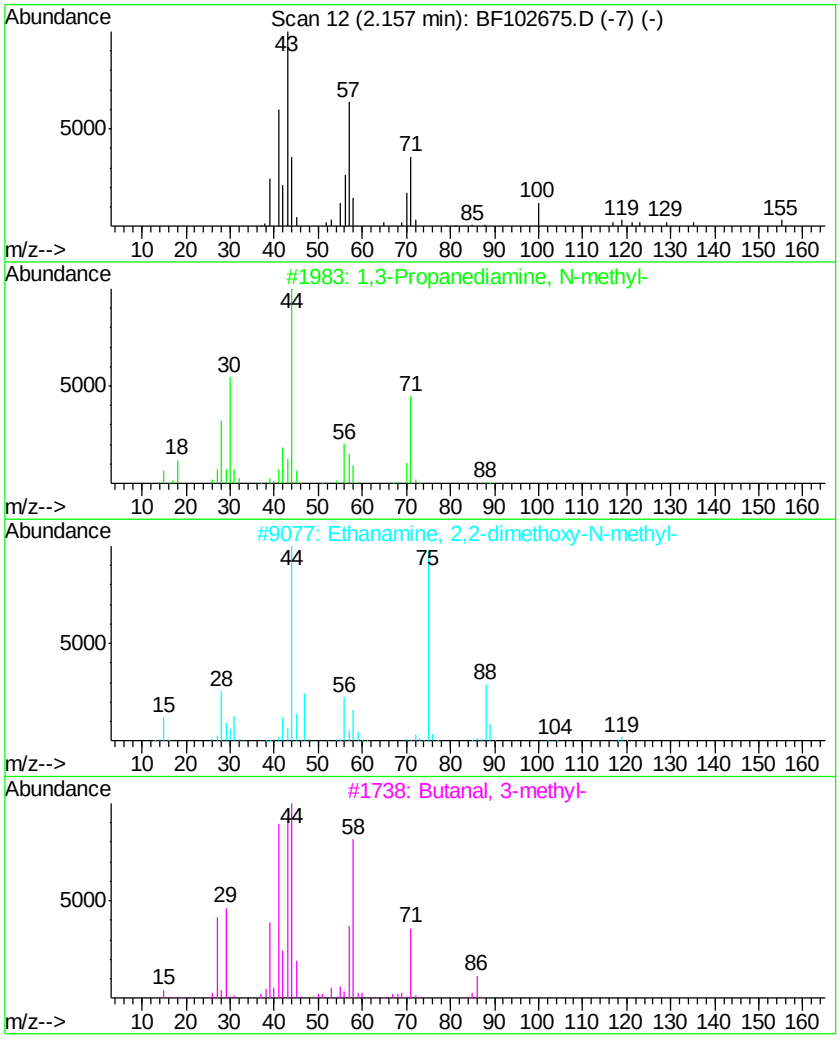
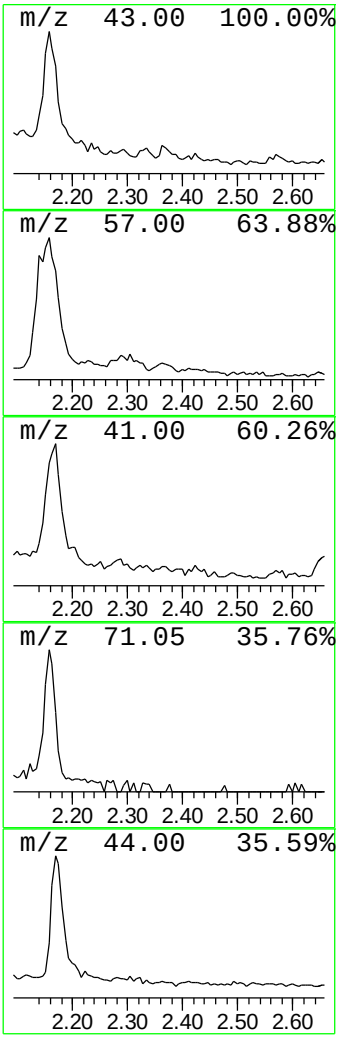
Peak Number 1 1,3-Propanediamine, N-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	7.03 ng	291913	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanediamine, N-methyl-	88	C4H12N2	006291-84-5	59
2	Ethanamine, 2,2-dimethoxy-N-methyl-	119	C5H13NO2	000122-07-6	47
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
4	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	38
5	3,3'-Iminobispropylamine	131	C6H17N3	000056-18-8	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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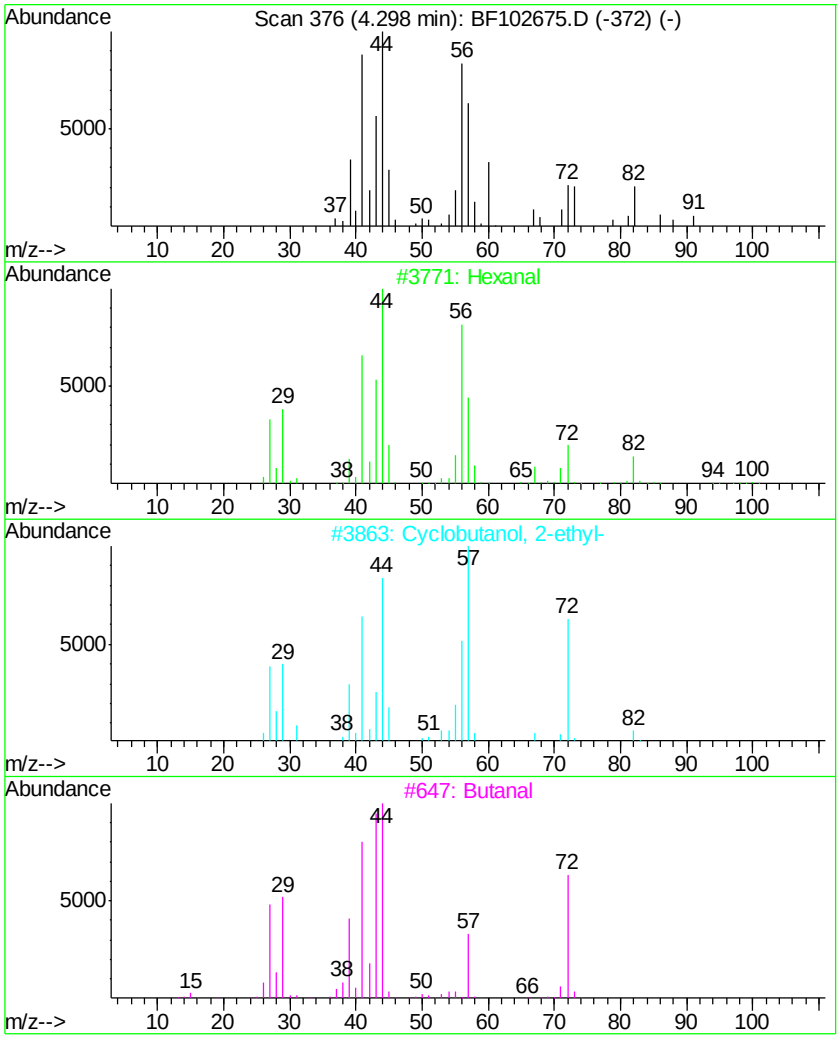
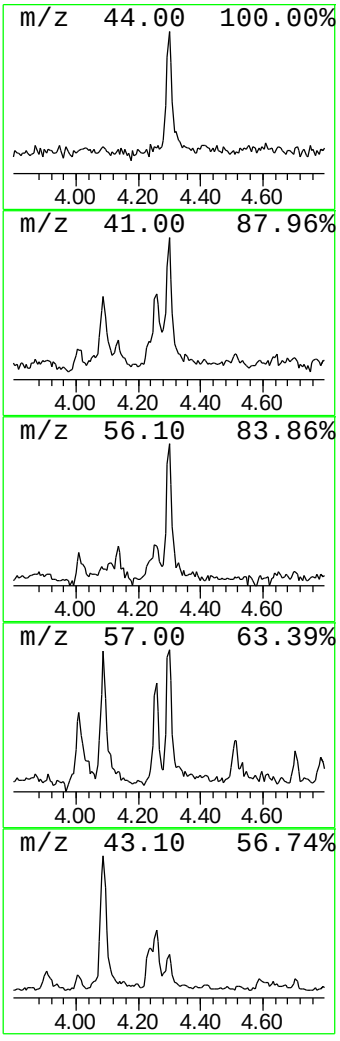
Peak Number 2 Hexanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.06 ng	126978	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	50
3	Butanal	72	C4H8O	000123-72-8	22
4	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	17
5	Glutaraldehyde	100	C5H8O2	000111-30-8	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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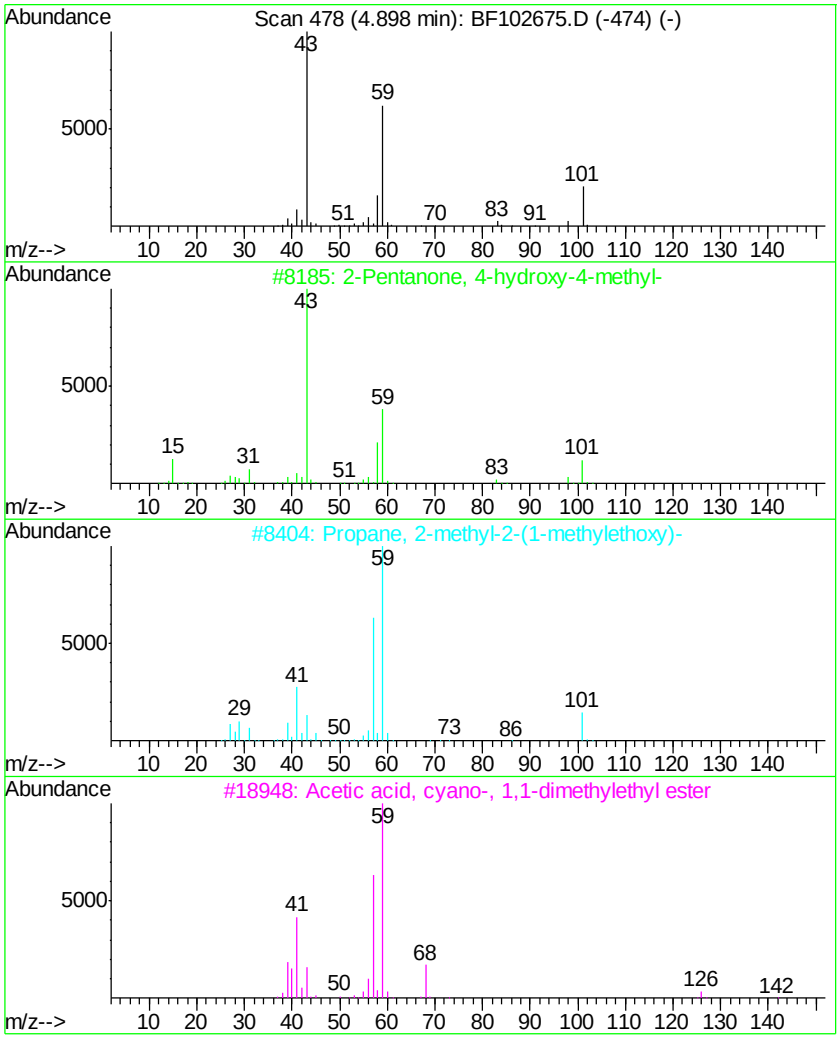
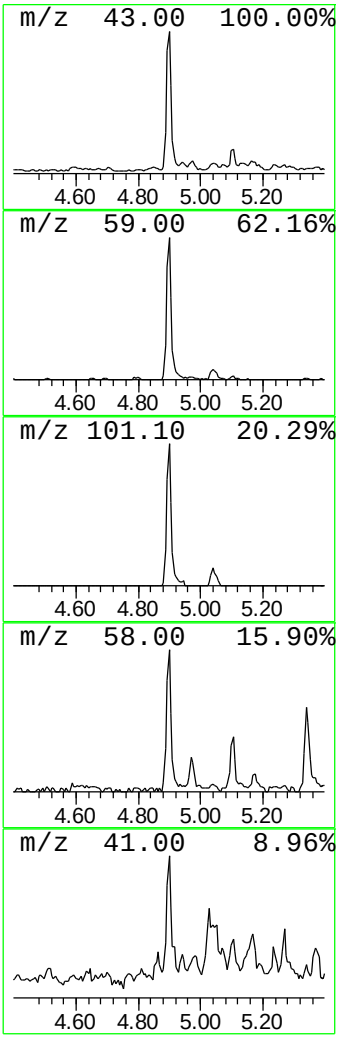
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	6.04 ng	250823	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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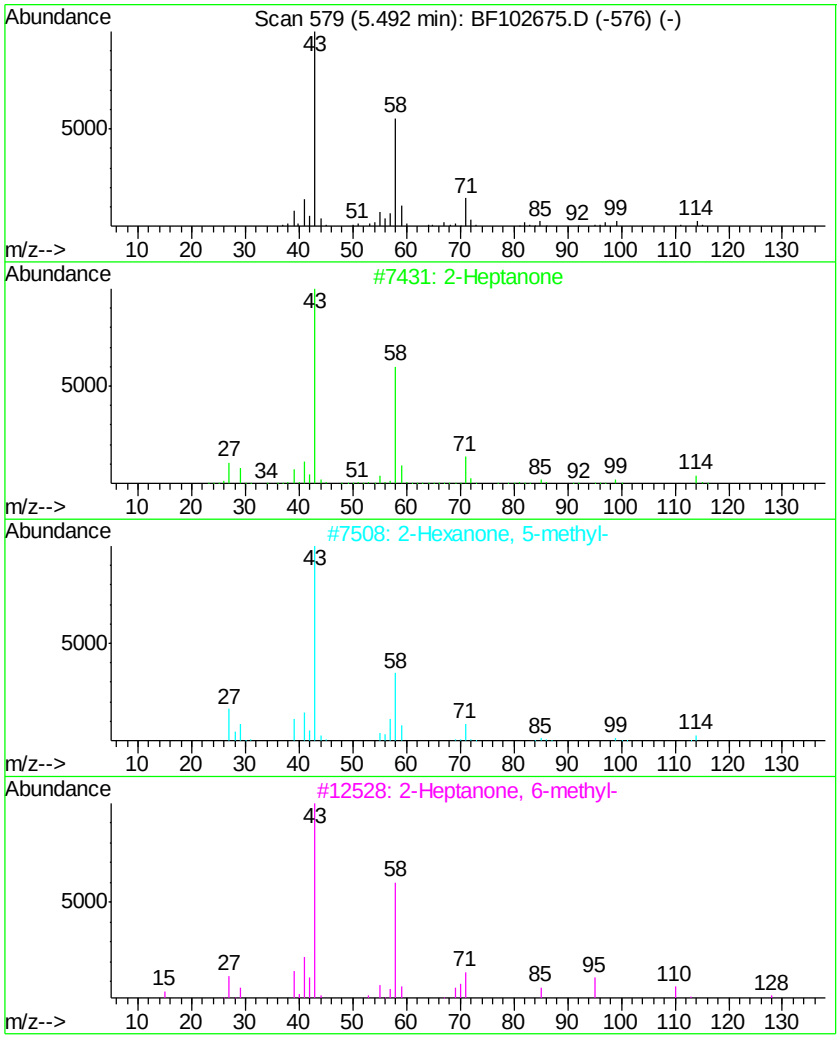
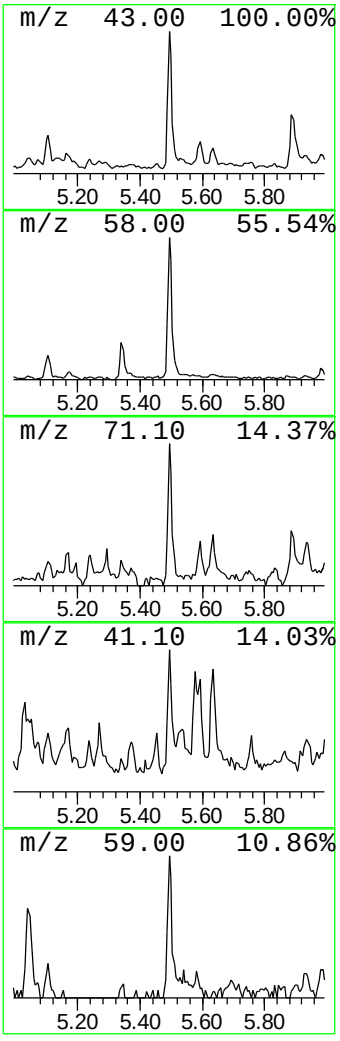
Peak Number 4 2-Heptanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	4.35 ng	180446	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	56
4	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	45
5	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
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Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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

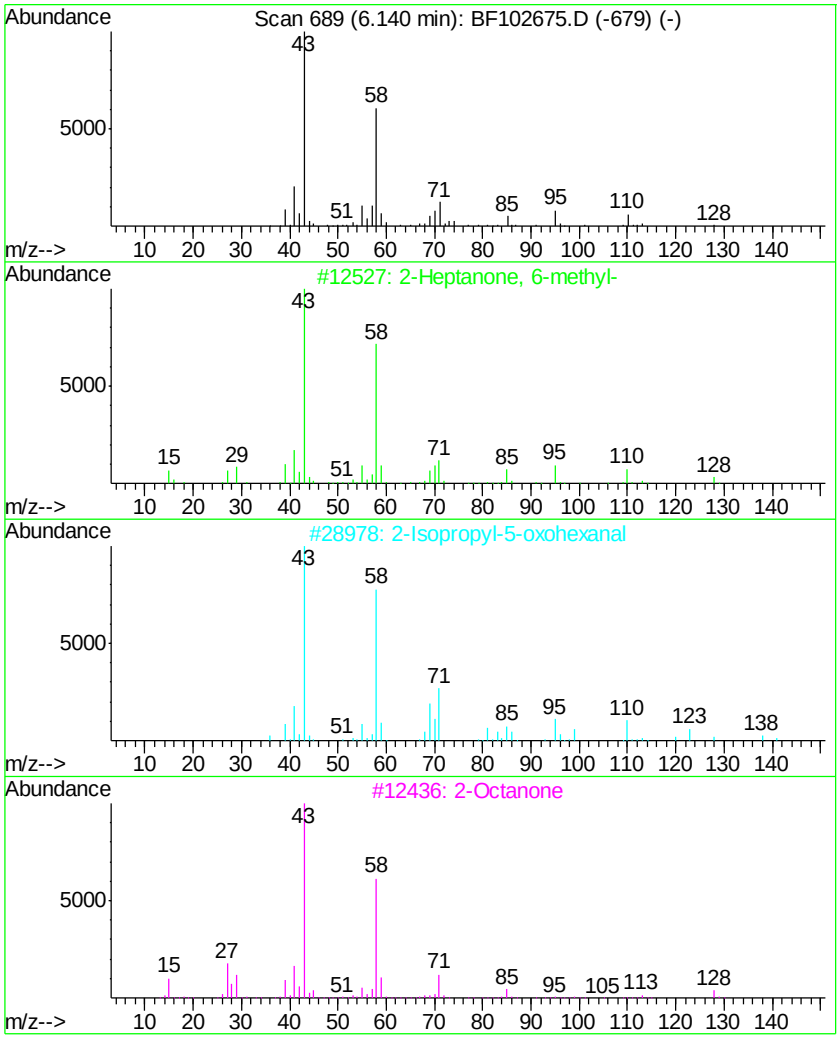
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

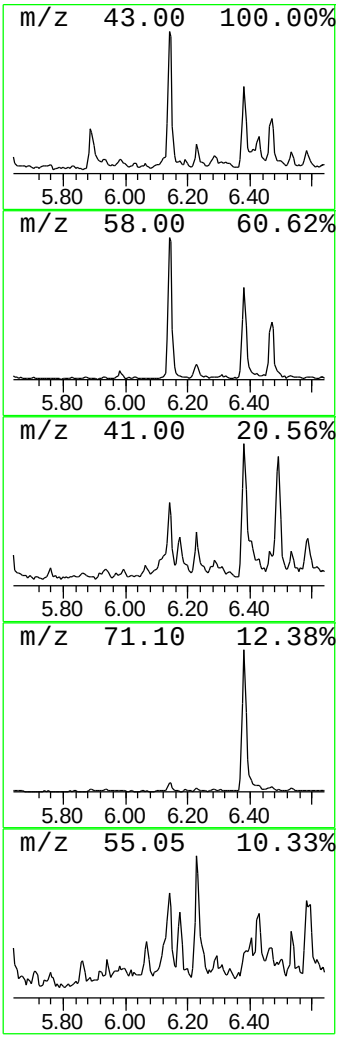
****

Peak Number 5 2-Heptanone, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	7.59 ng	314980	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	72
3	2-Octanone	128	C8H16O	000111-13-7	64
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	64
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
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Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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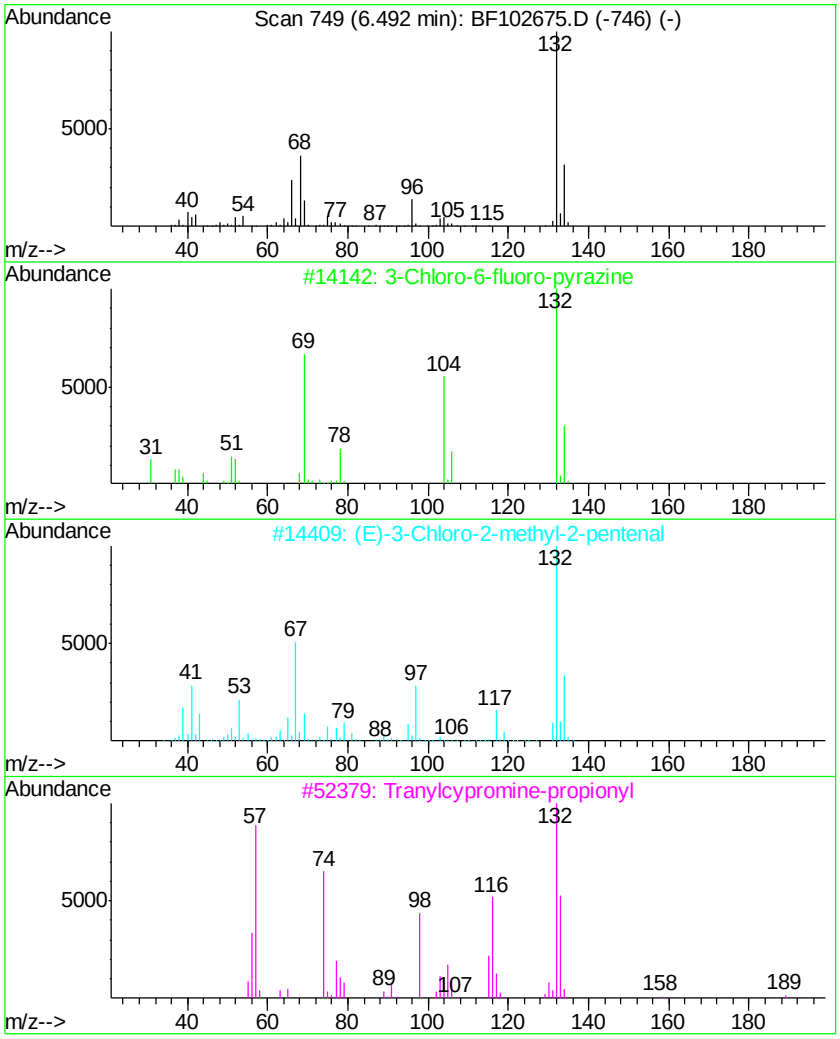
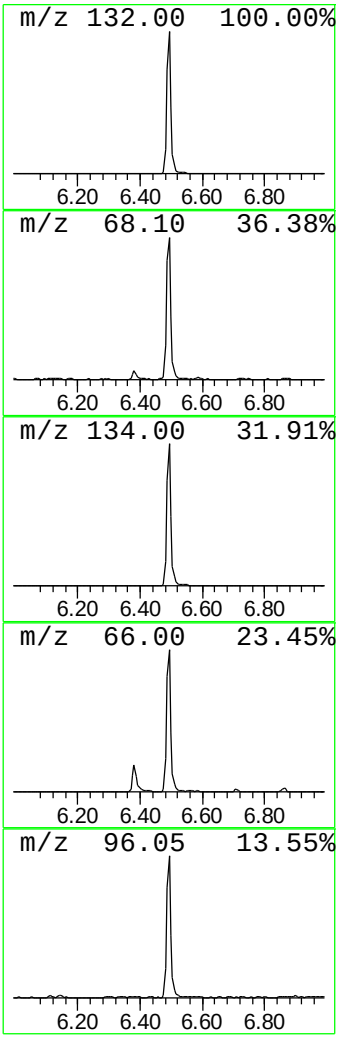
Peak Number 6 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	35.58 ng	1476890	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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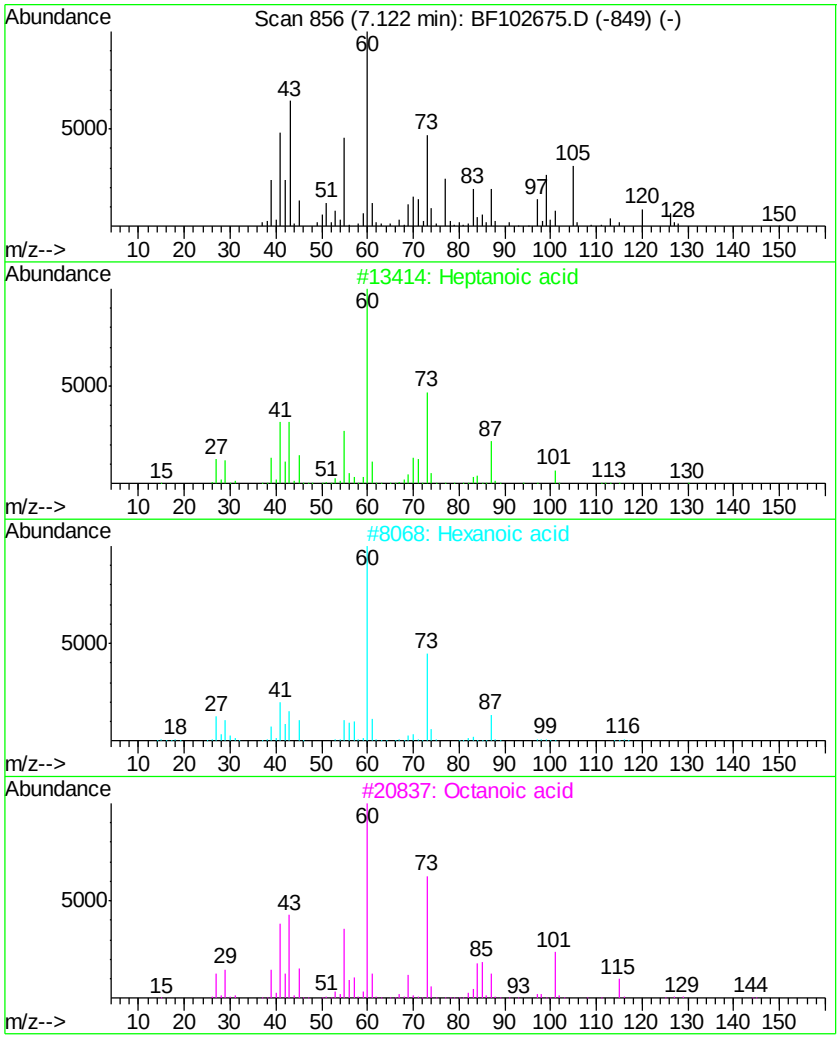
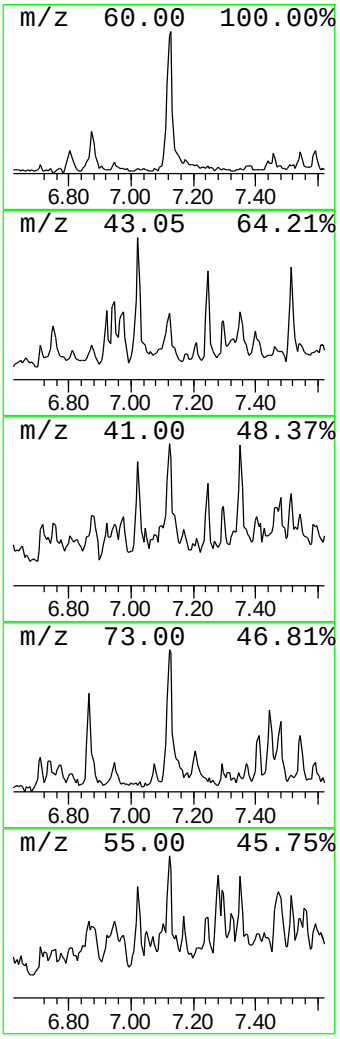
Peak Number 9 unknown7.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	4.11 ng	170665	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	46
2	Hexanoic acid	116	C6H12O2	000142-62-1	38
3	Octanoic acid	144	C8H16O2	000124-07-2	32
4	3,4-Altrosan	162	C6H10O5	1000129-76-4	32
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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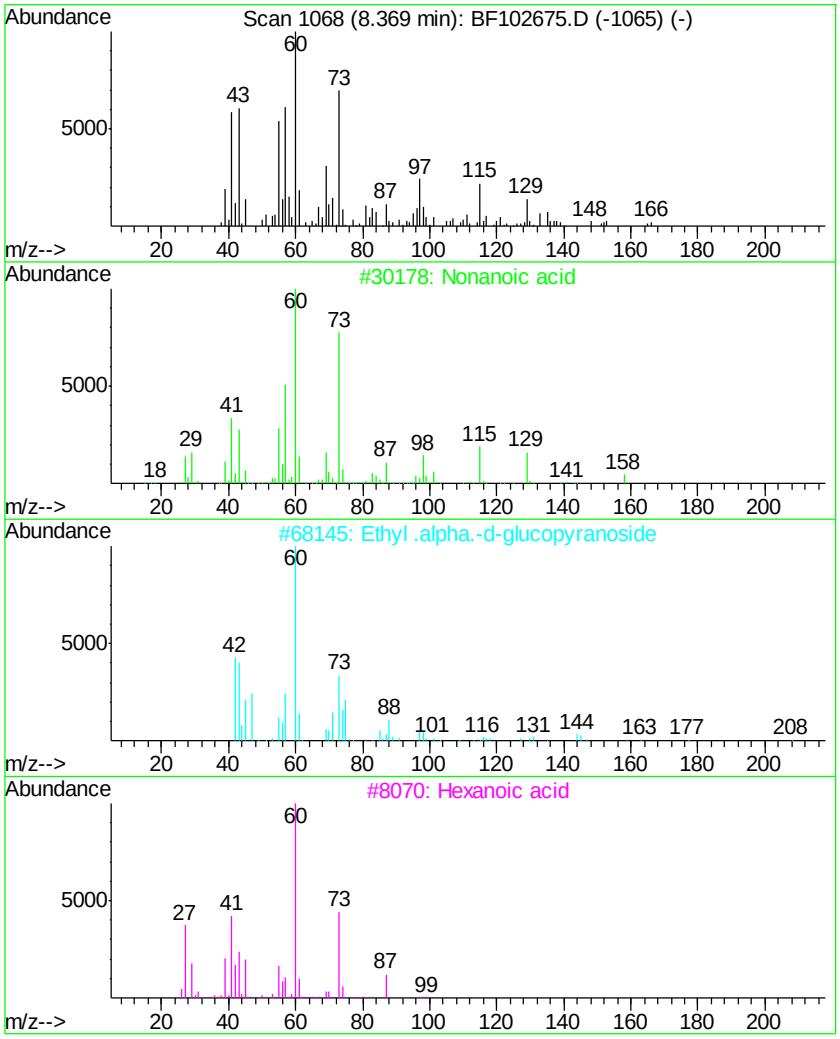
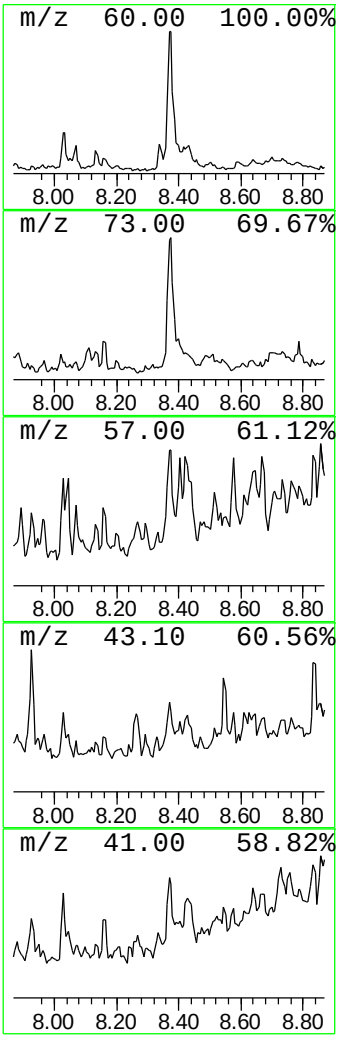
Peak Number 10 Nonanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	3.94 ng	180110	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	59
2	Ethyl .alpha.-d-glucopyranoside	208	C8H16O6	1000127-29-4	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	47
4	Octanoic acid	144	C8H16O2	000124-07-2	47
5	Heptanoic acid	130	C7H14O2	000111-14-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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

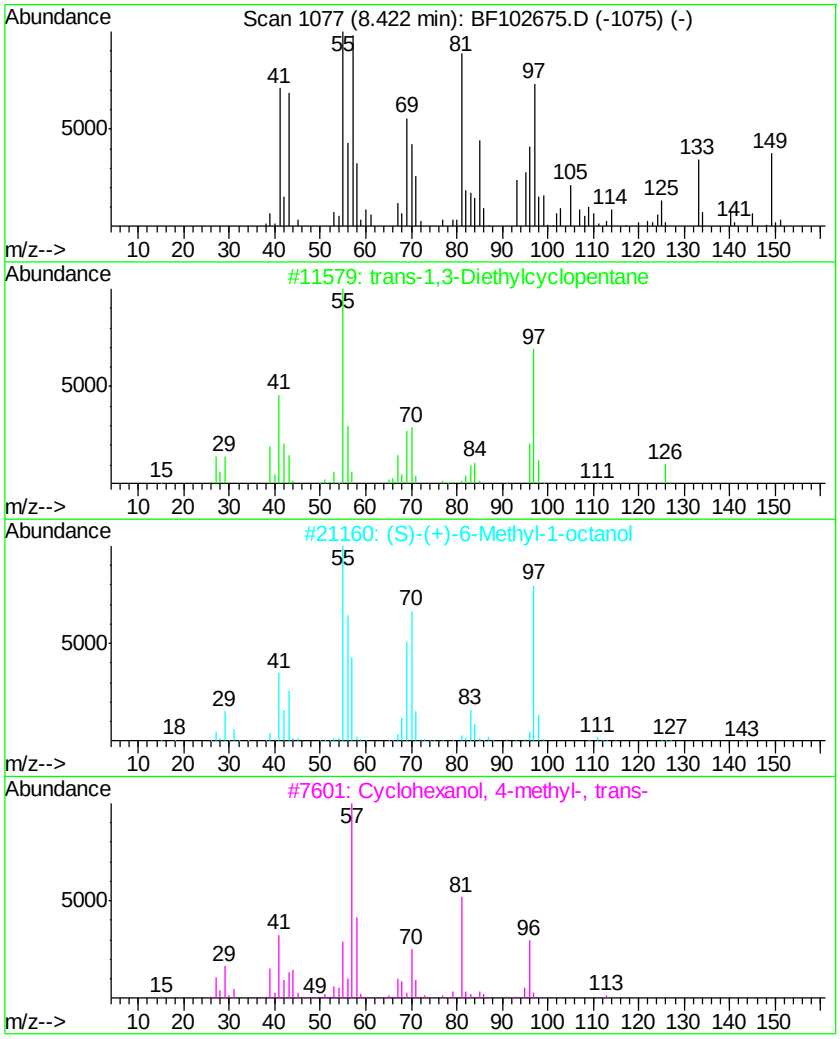
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

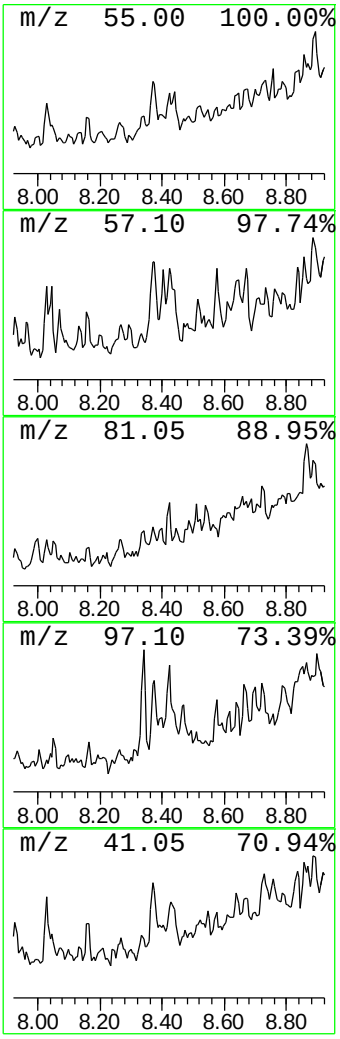
****

Peak Number 11 unknown8.42 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.46 ng	158132	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	41
2	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	27
3	Cyclohexanol, 4-methyl-, trans-	114	C7H14O	007731-29-5	27
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	27
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	27





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Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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

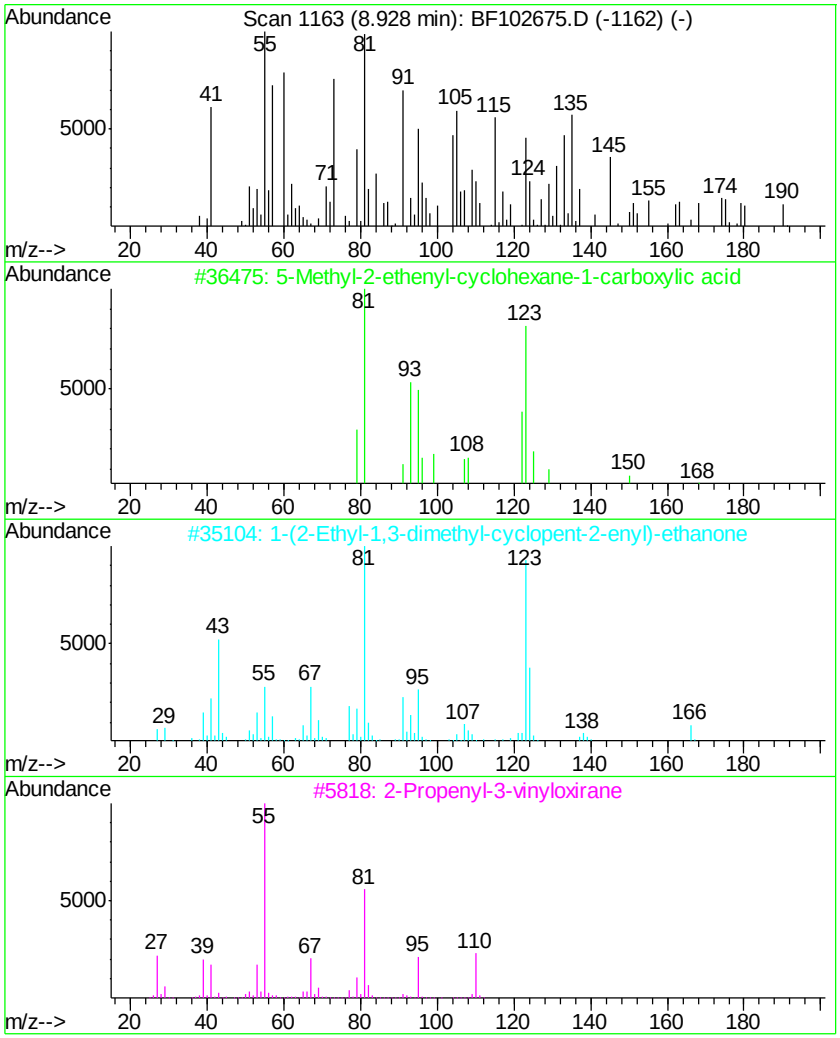
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

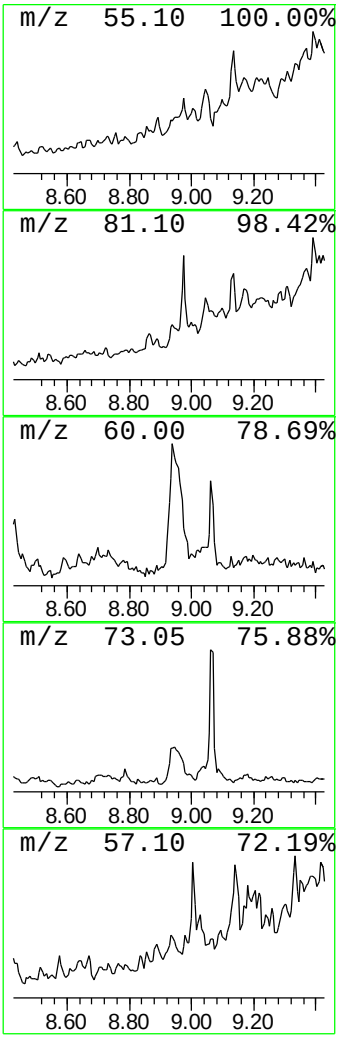
****

Peak Number 12 unknown8.93 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	4.08 ng	114002	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	38
2	1-(2-Ethyl-1,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-1	22
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	14
4	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	14
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	14





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Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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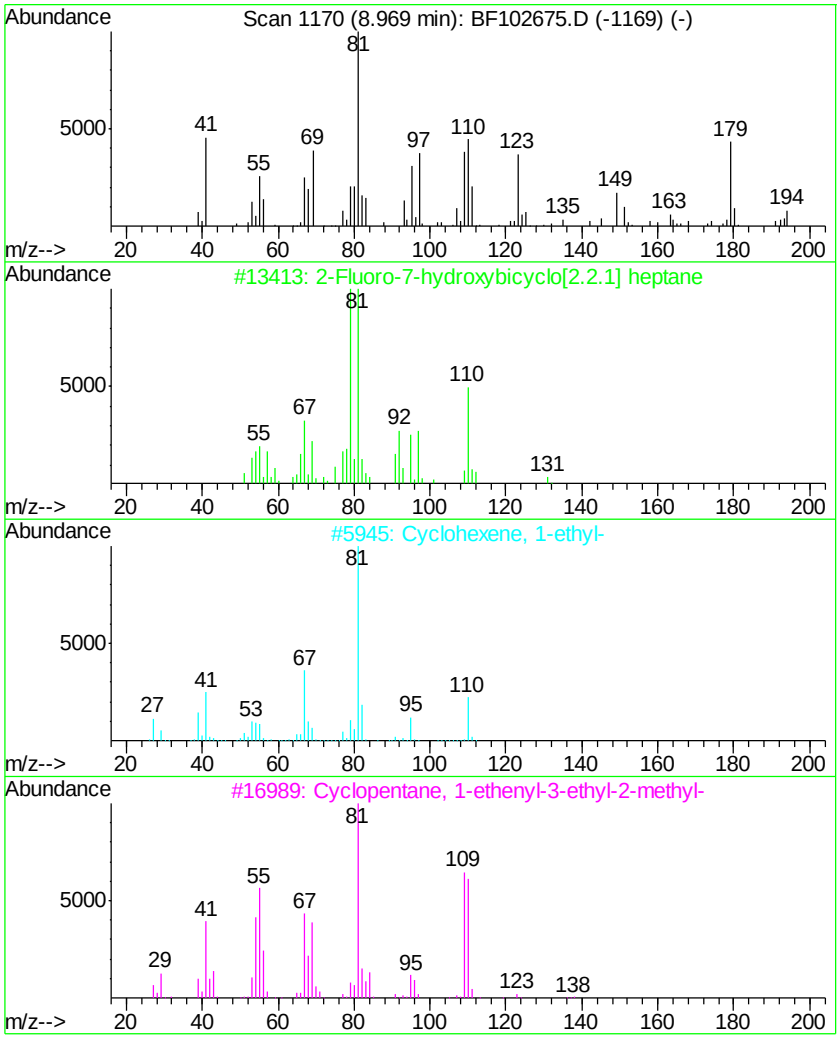
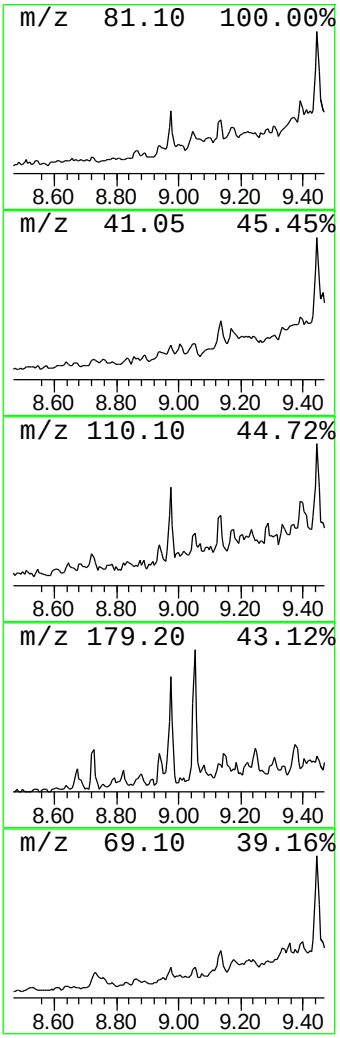
Peak Number 13 unknown8.97 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.08 ng	141653	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-7-hydroxybicyclo[2.2.1]...	130	C7H11FO	1000283-71-9	37
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27
3	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	25
4	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	25
5	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	16





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Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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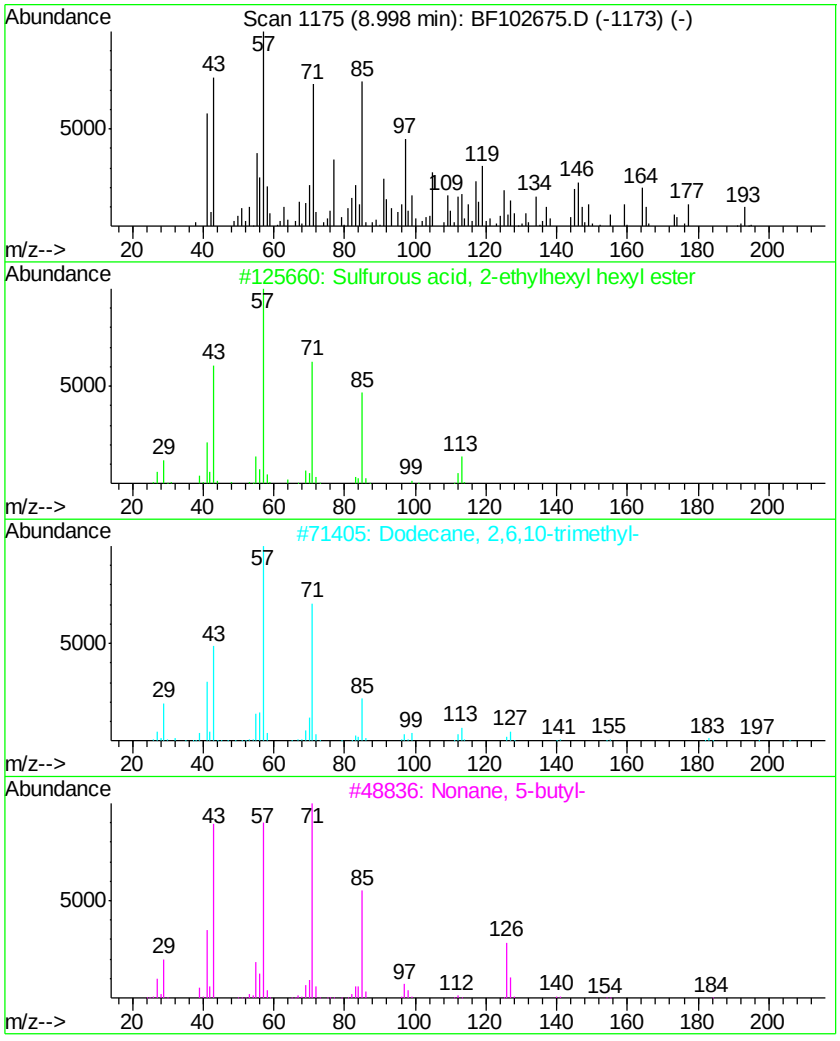
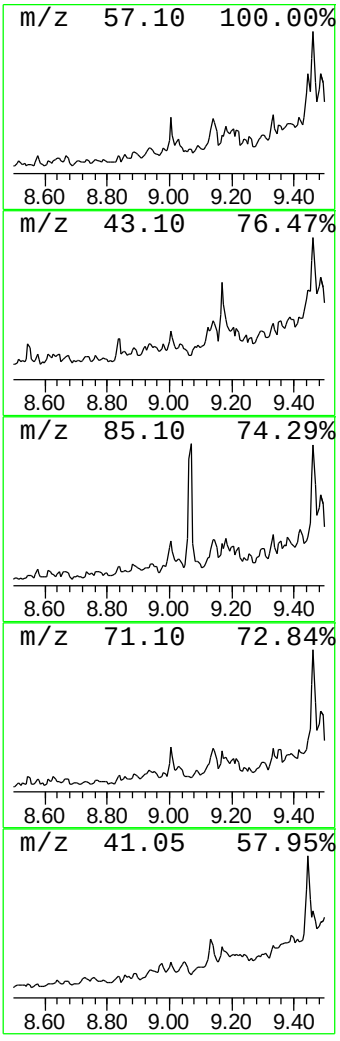
Peak Number 14 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.83 ng	162724	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	47
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47





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Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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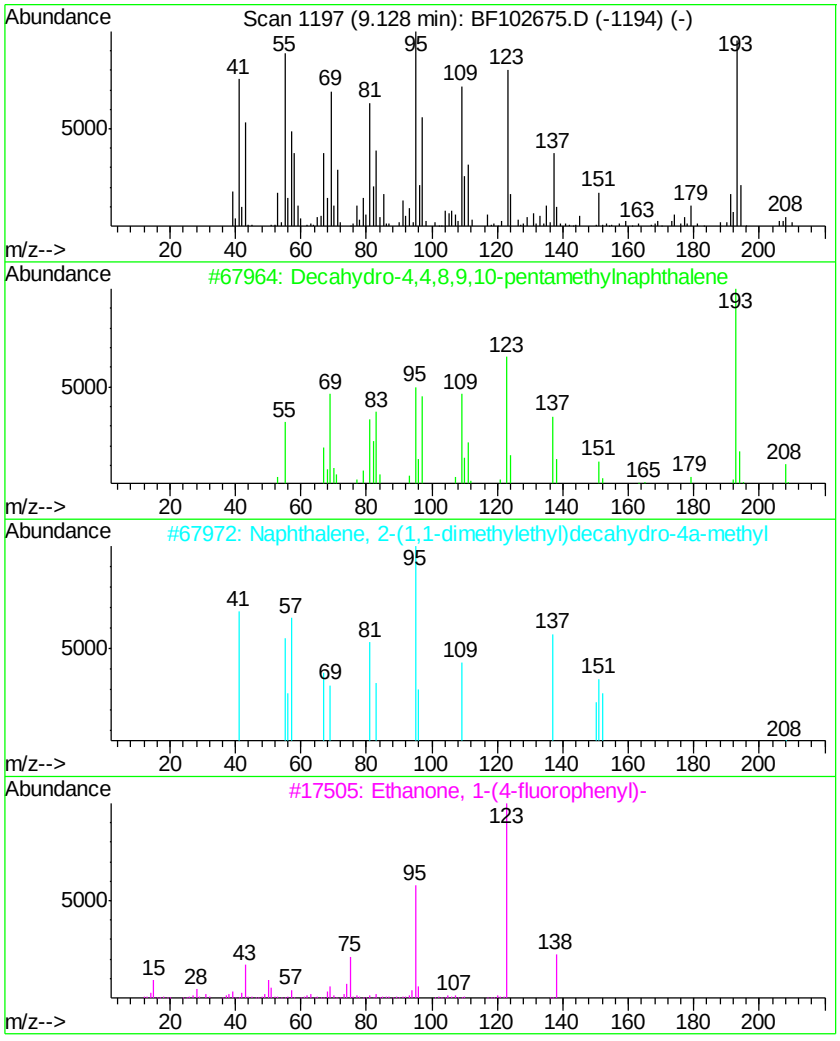
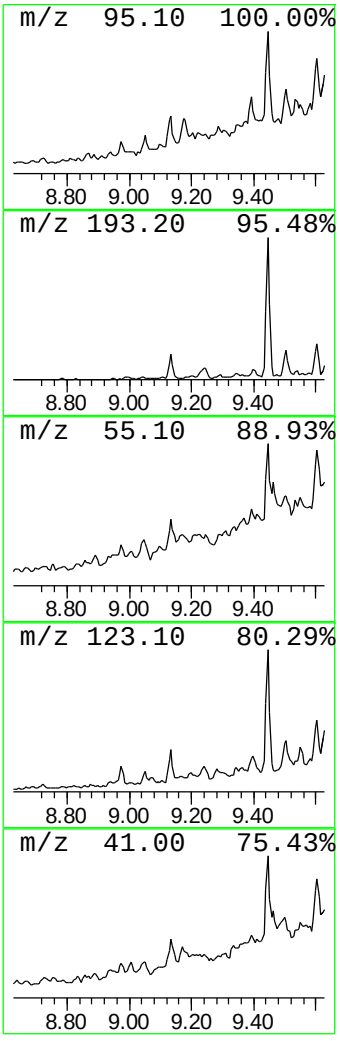
Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	19.68 ng	549325	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2	Naphthalene, 2-(1,1-dimethylethy...	208	C15H28	054934-96-2	38
3	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	25
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	15
5	2-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	000768-50-3	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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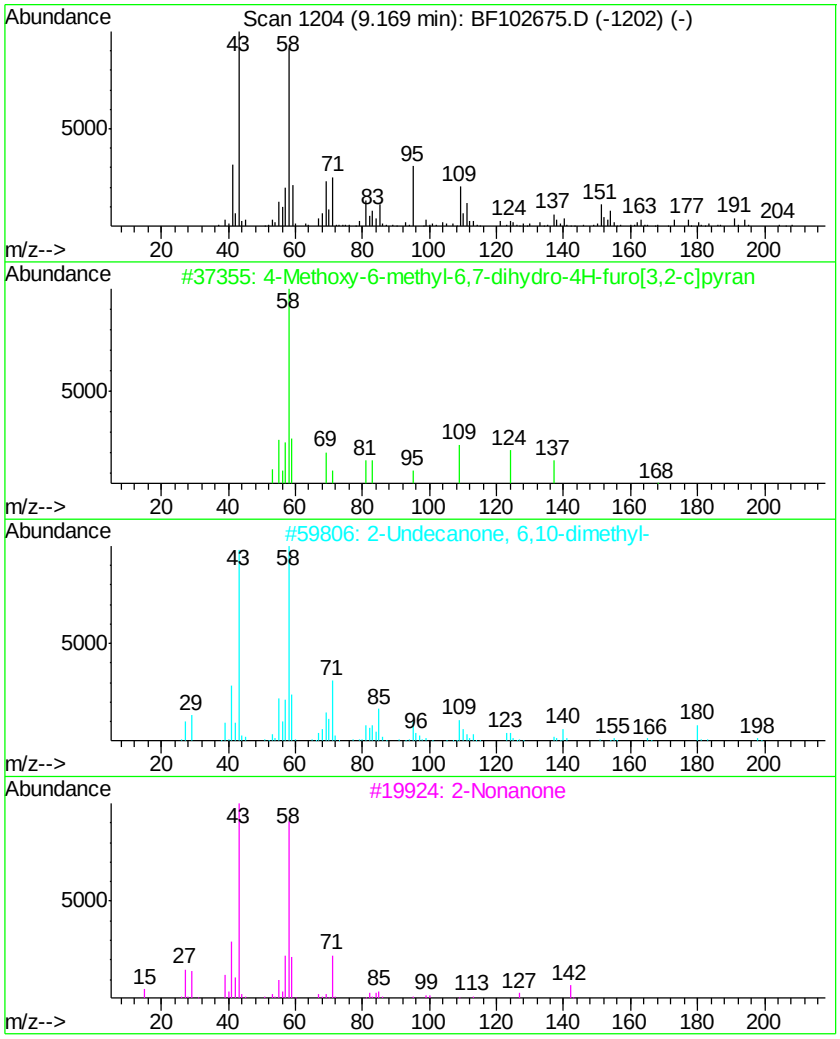
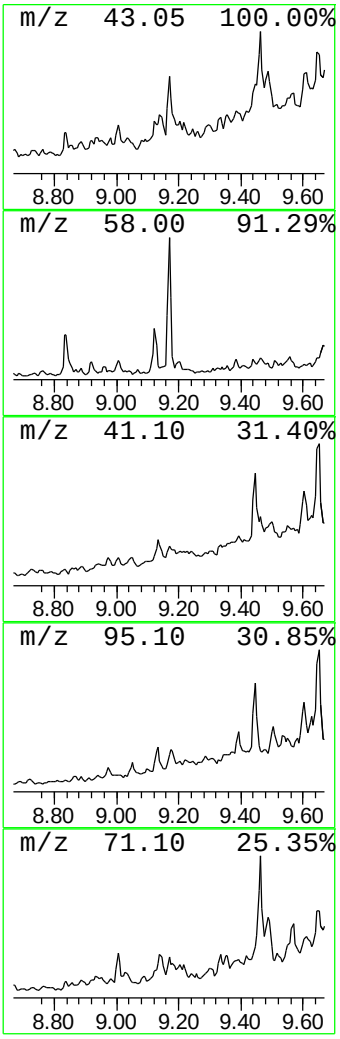
Peak Number 16 4-Methoxy-6-methyl-6,7-dihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	14.73 ng	411090	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-6-methyl-6,7-dihydro-4...	168	C9H12O3	091894-15-4	53
2	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	53
3	2-Nonanone	142	C9H18O	000821-55-6	50
4	2-Octanone	128	C8H16O	000111-13-7	50
5	Butanimidamide	86	C4H10N2	000107-90-4	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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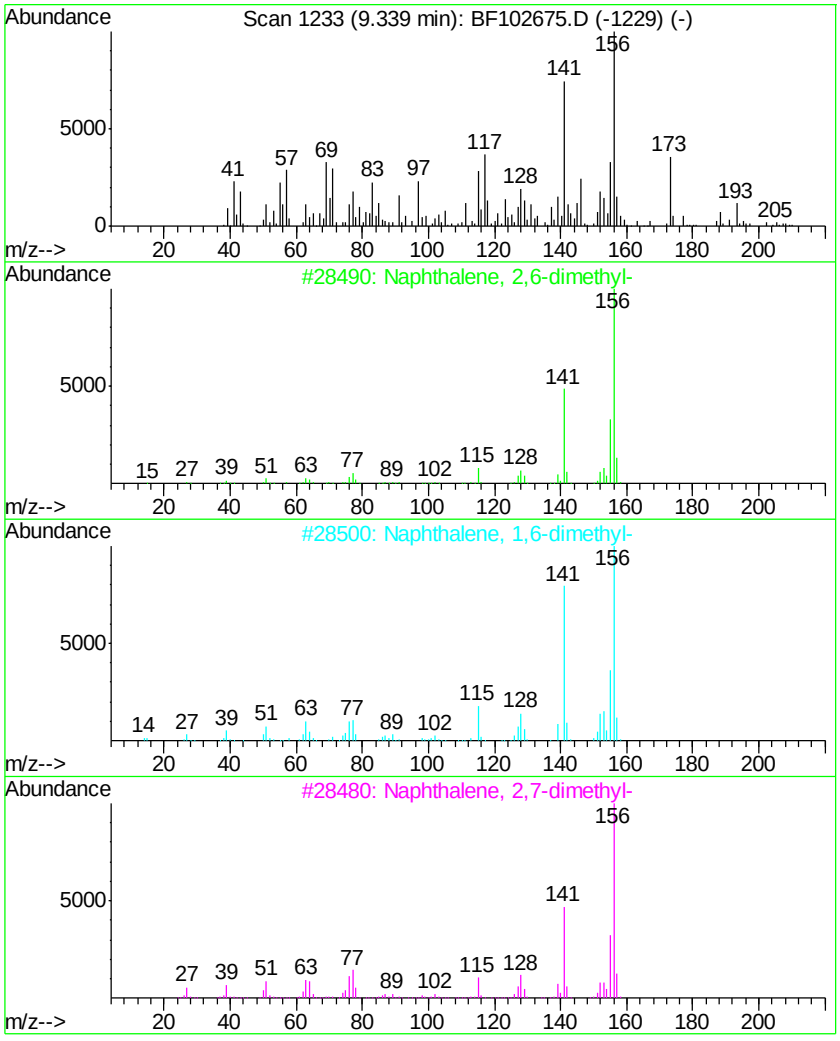
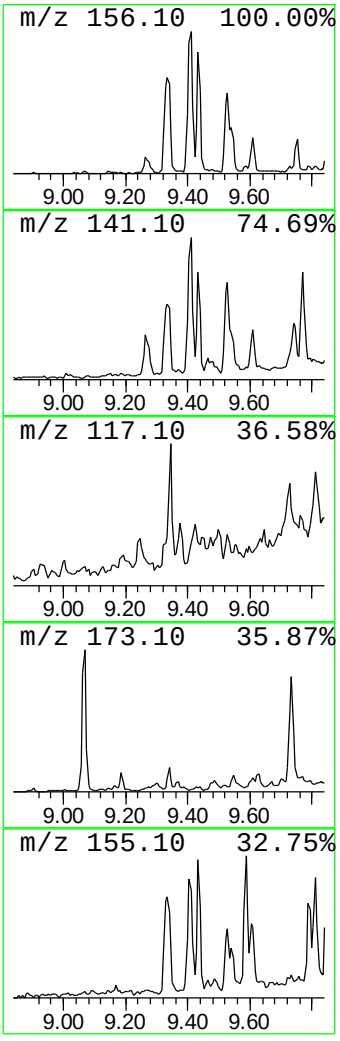
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	19.05 ng	531774	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5	Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	83





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Acq On : 1 Feb 2018 00:35
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Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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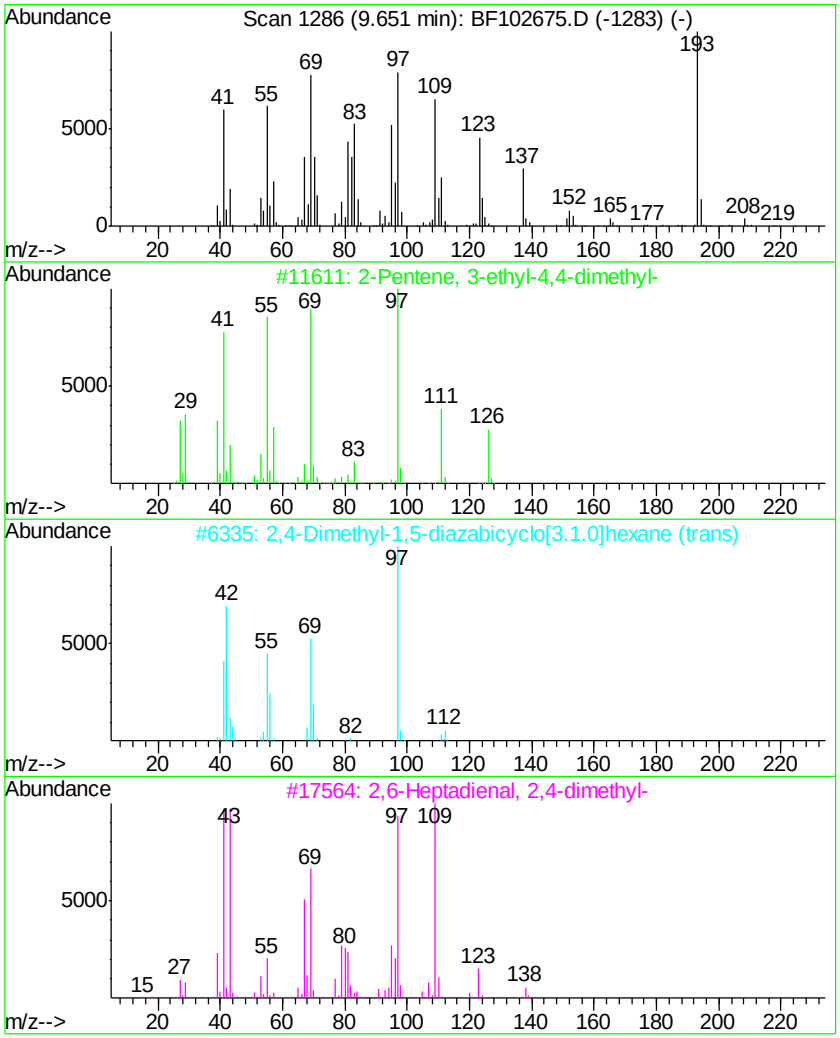
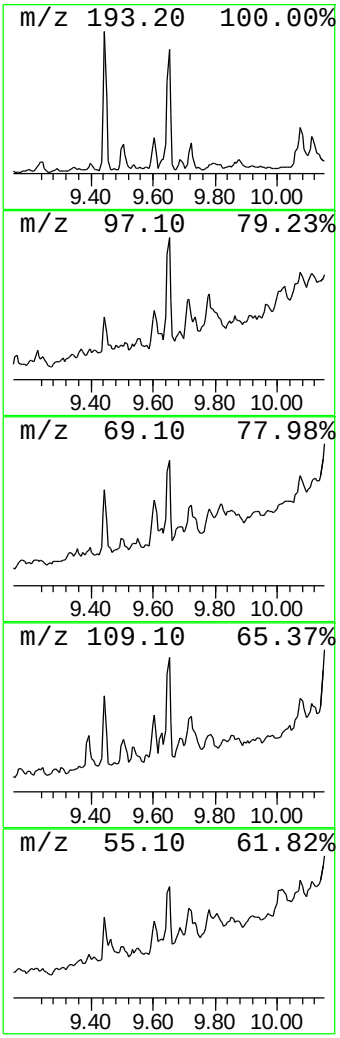
Peak Number 19 unknown9.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	55.49 ng	1548790	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	25
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
4	7-Ethyl-2-undecen-6-one	196	C13H24O	1000374-14-9	22
5	1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
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Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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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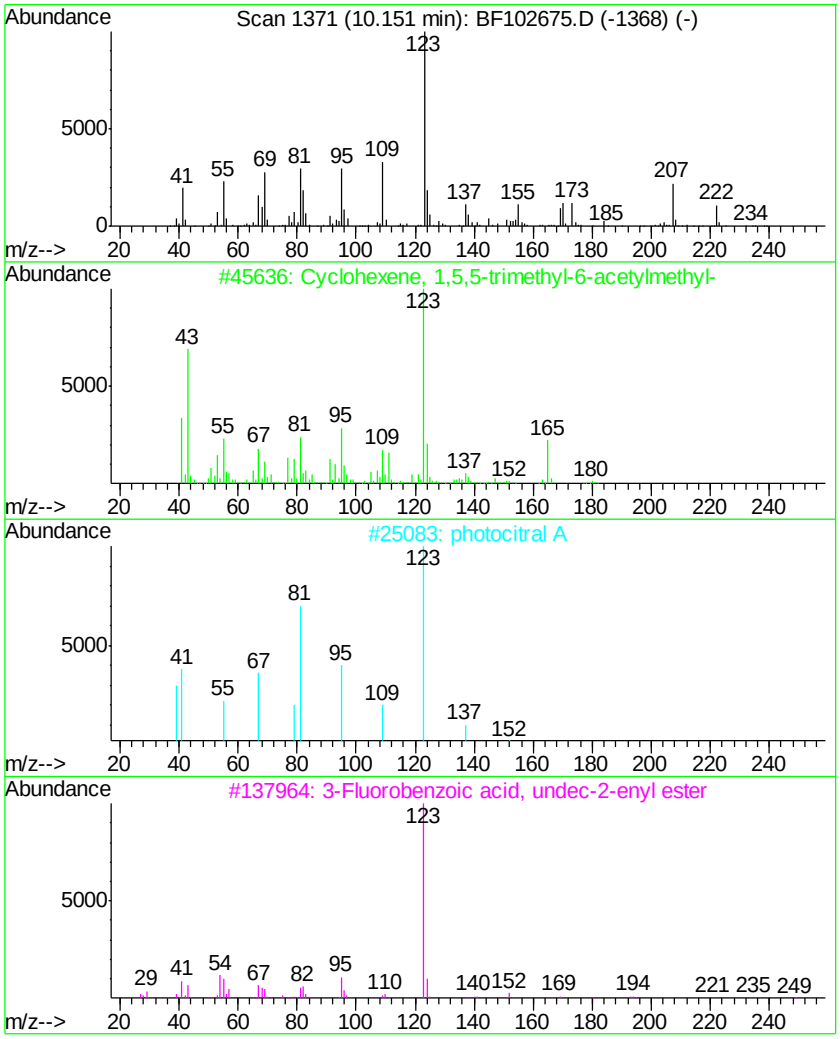
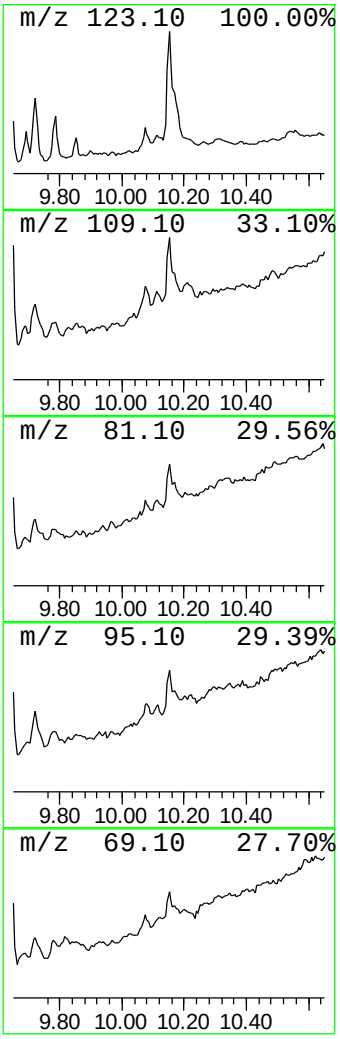
Peak Number 20 unknown10.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	79.26 ng	2212300	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	43
2	photocitral A	152	C10H16O	055253-28-6	43
3	3-Fluorobenzoic acid, undec-2-en...	292	C18H25FO2	1000292-60-8	43
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
5	4-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-67-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102675.D
Acq On : 1 Feb 2018 00:35
Operator : SJ/JU
Sample : J1384-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-CONCRETE

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
1,3-Propanediamin...	2.16	7.0	ng	291913	1	6.71	830119	20.0
Hexanal	4.30	3.1	ng	126978	1	6.71	830119	20.0
2-Pentanone, 4-hy...	4.90	6.0	ng	250823	1	6.71	830119	20.0
2-Heptanone	5.49	4.3	ng	180446	1	6.71	830119	20.0
2-Heptanone, 6-me...	6.14	7.6	ng	314980	1	6.71	830119	20.0
unknown6.49	6.49	35.6	ng	1476890	1	6.71	830119	20.0
unknown7.12	7.12	4.1	ng	170665	1	6.71	830119	20.0
Nonanoic acid	8.37	3.9	ng	180110	2	7.99	914022	20.0
unknown8.42	8.42	3.5	ng	158132	2	7.99	914022	20.0
unknown8.93	8.93	4.1	ng	114002	3	9.75	558230	20.0
unknown8.97	8.97	5.1	ng	141653	3	9.75	558230	20.0
Sulfurous acid, 2...	9.00	5.8	ng	162724	3	9.75	558230	20.0
Decahydro-4,4,8,9...	9.13	19.7	ng	549325	3	9.75	558230	20.0
4-Methoxy-6-methy...	9.17	14.7	ng	411090	3	9.75	558230	20.0
Naphthalene, 2,6-...	9.34	19.1	ng	531774	3	9.75	558230	20.0
unknown9.65	9.65	55.5	ng	1548790	3	9.75	558230	20.0
unknown10.15	10.15	79.3	ng	2212300	3	9.75	558230	20.0