LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102674.D
Acq On : 1 Feb 2018 00:08
Operator : SJ/JU
Sample : J1384-08 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-2

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	4.899	475	478	483	rBV	86188	101004	5.87%	0.645%
2	5.340	549	553	569	rBV	1526164	1662630	96.66%	10.621%
3	6.381	726	730	745	rBV	1459571	1695408	98.56%	10.830%
4	6.492	745	749	762	rVB	1632712	1720152	100.00%	10.988%
5	6.710	782	786	792	rBV	1019523	840561	48.87%	5.369%
6	6.863	808	812	820	rBV	1572069	1335028	77.61%	8.528%
7	7.281	879	883	889	rBV	1022196	948924	55.17%	6.062%
8	7.769	962	966	975	rBV3	32219	67739	3.94%	0.433%
9	7.992	1001	1004	1008	rBV	1232998	1017003	59.12%	6.496%
10	8.716	1124	1127	1135	rBV	118337	128816	7.49%	0.823%
11	8.786	1135	1139	1143	rBV	185493	224060	13.03%	1.431%
12	9.063	1183	1186	1194	rVB	1827816	1659738	96.49%	10.602%
13	9.298	1223	1226	1228	rBV	75867	68488	3.98%	0.437%
14	9.463	1251	1254	1257	rVB2	138912	130657	7.60%	0.835%
15	9.492	1257	1259	1263	rBV	119878	109179	6.35%	0.697%
16	9.645	1282	1285	1287	rBV3	101264	98731	5.74%	0.631%
17	9.710	1293	1296	1299	rBV4	80402	132340	7.69%	0.845%
18	9.745	1299	1302	1305	rVB2	1081288	888601	51.66%	5.676%
19	9.898	1324	1328	1329	rBV4	114599	162320	9.44%	1.037%
20	9.957	1335	1338	1340	rBV3	163529	182116	10.59%	1.163%
21	9.992	1341	1344	1347	rVV3	319603	356751	20.74%	2.279%
22	10.145	1367	1370	1372	rBV3	469012	543486	31.60%	3.472%
23	10.663	1455	1458	1461	rBV2	1219897	1581025	91.91%	10.099%

Sum of corrected areas: 15654757

LSC Report - Integrated Chromatogram

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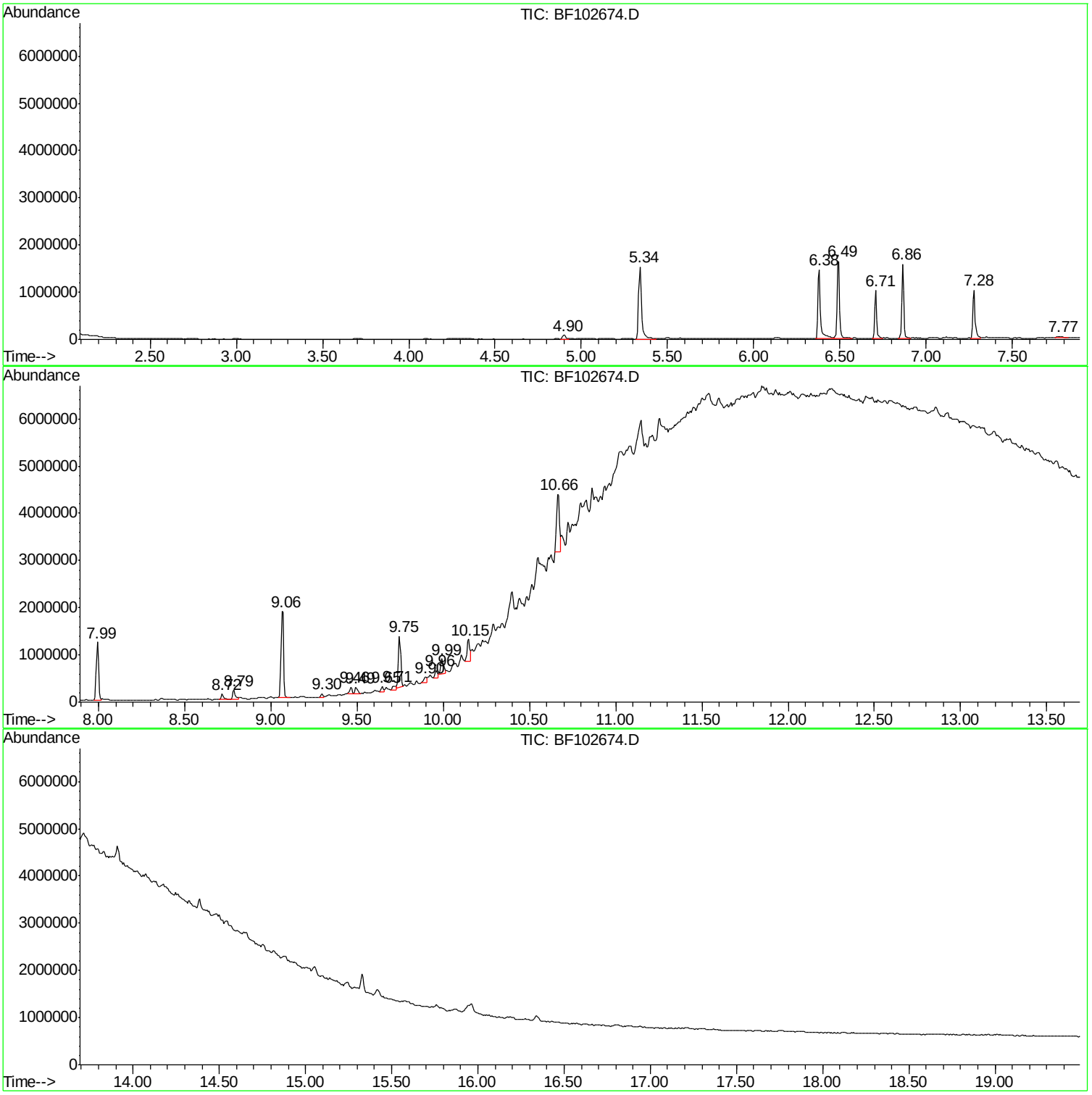
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-2

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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ClientSampleId : OILY-STONES-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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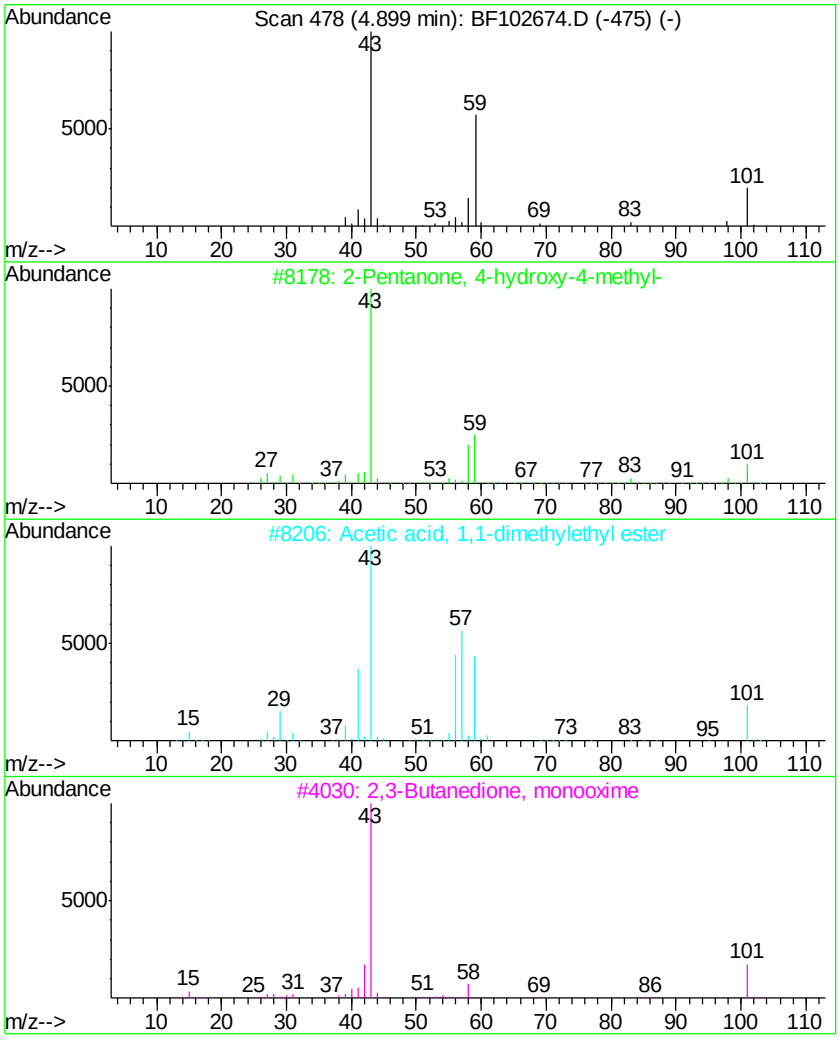
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

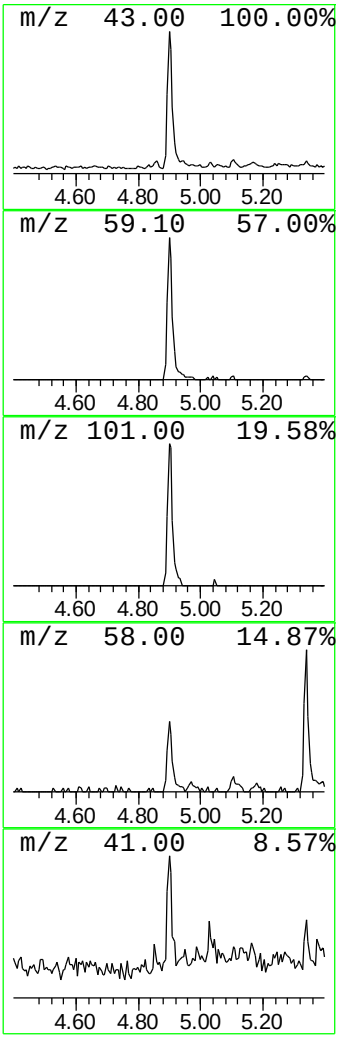
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.40 ng	101004	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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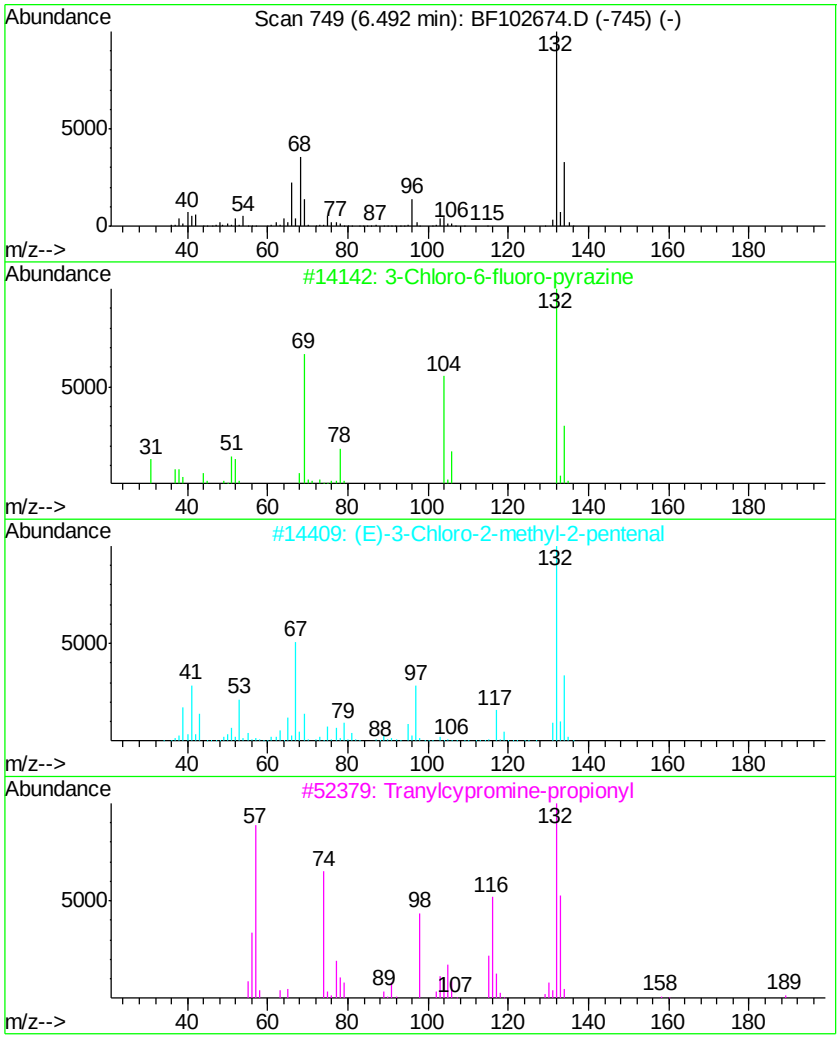
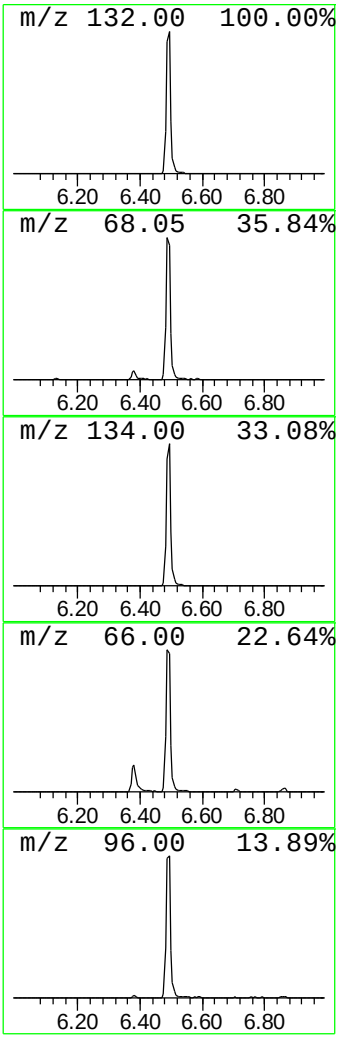
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	40.93 ng	1720150	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : OILY-STONES-2

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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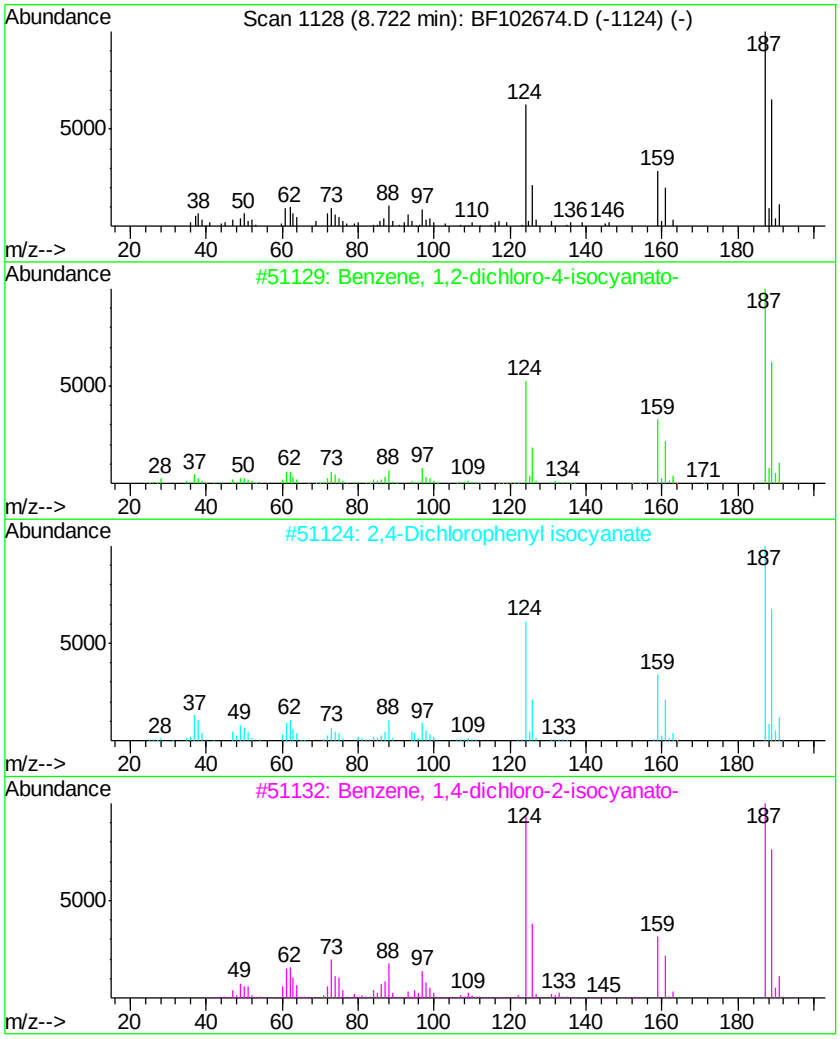
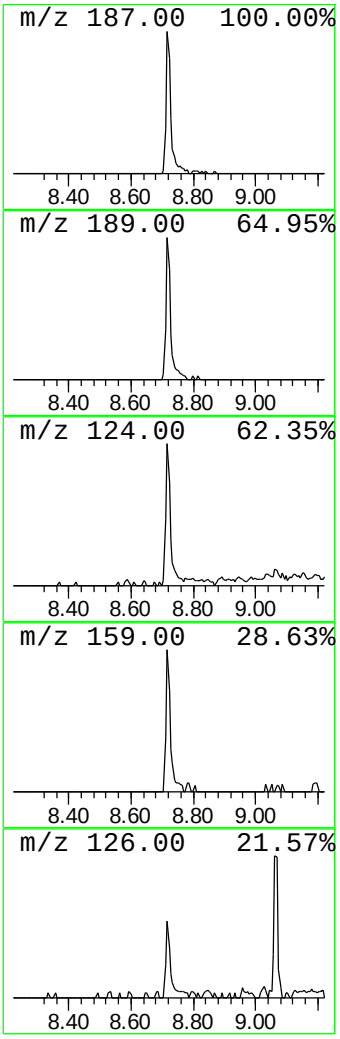
Peak Number 4 Benzene, 1,2-dichloro-4-iso... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	2.53 ng	128816	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	98
2	2,4-Dichlorophenyl isocyanate	187	C7H3Cl2NO	002612-57-9	97
3	Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	97
4	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	96
5	Benzene, 1,3-dichloro-2-isocyanato-	187	C7H3Cl2NO	039920-37-1	96





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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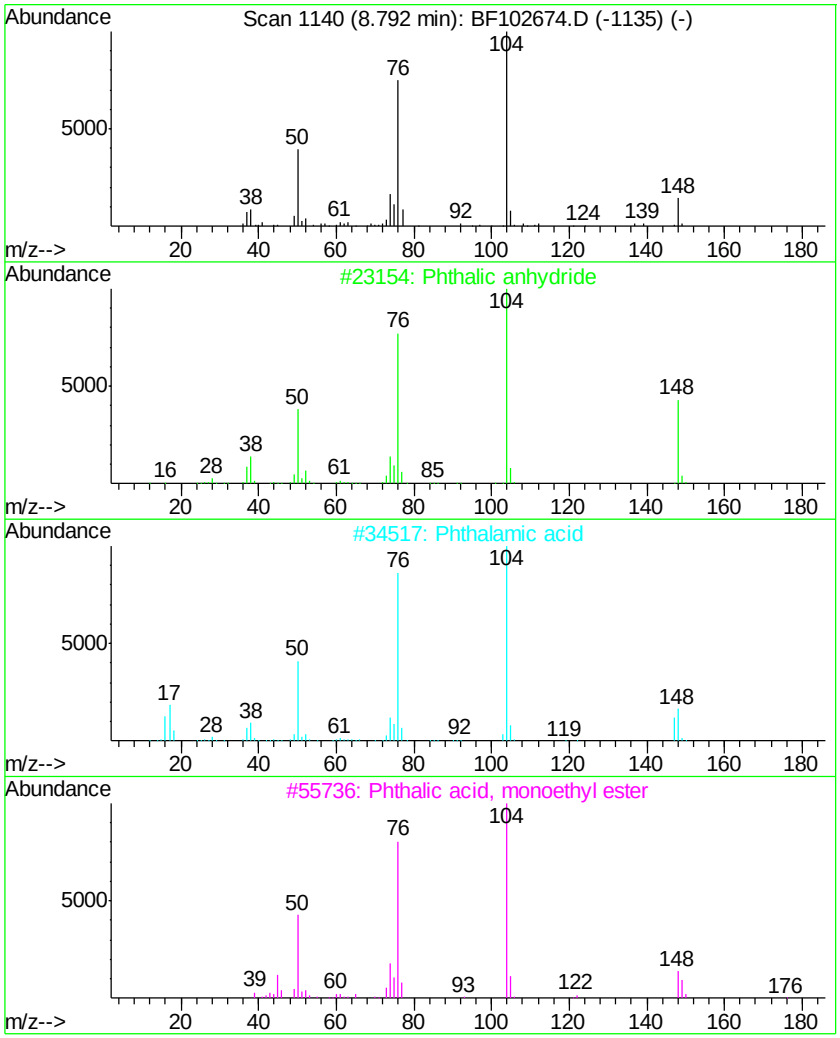
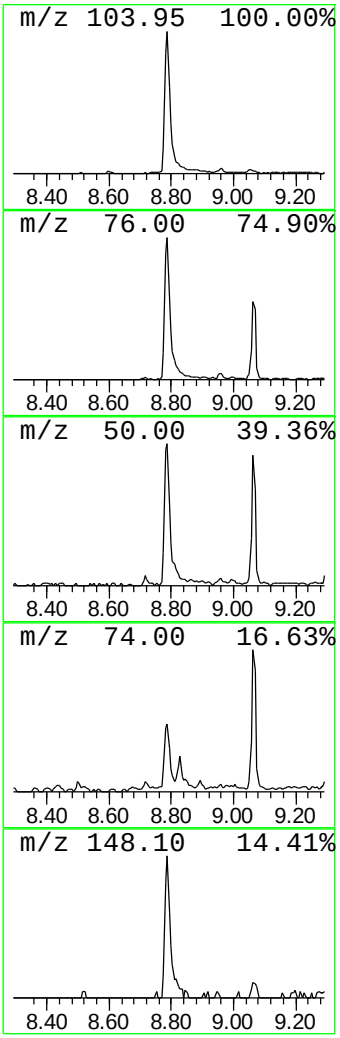
Peak Number 5 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	4.41 ng	224060	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	Phthalamic acid	165	C8H7NO3	000088-97-1	90
3	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	90





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
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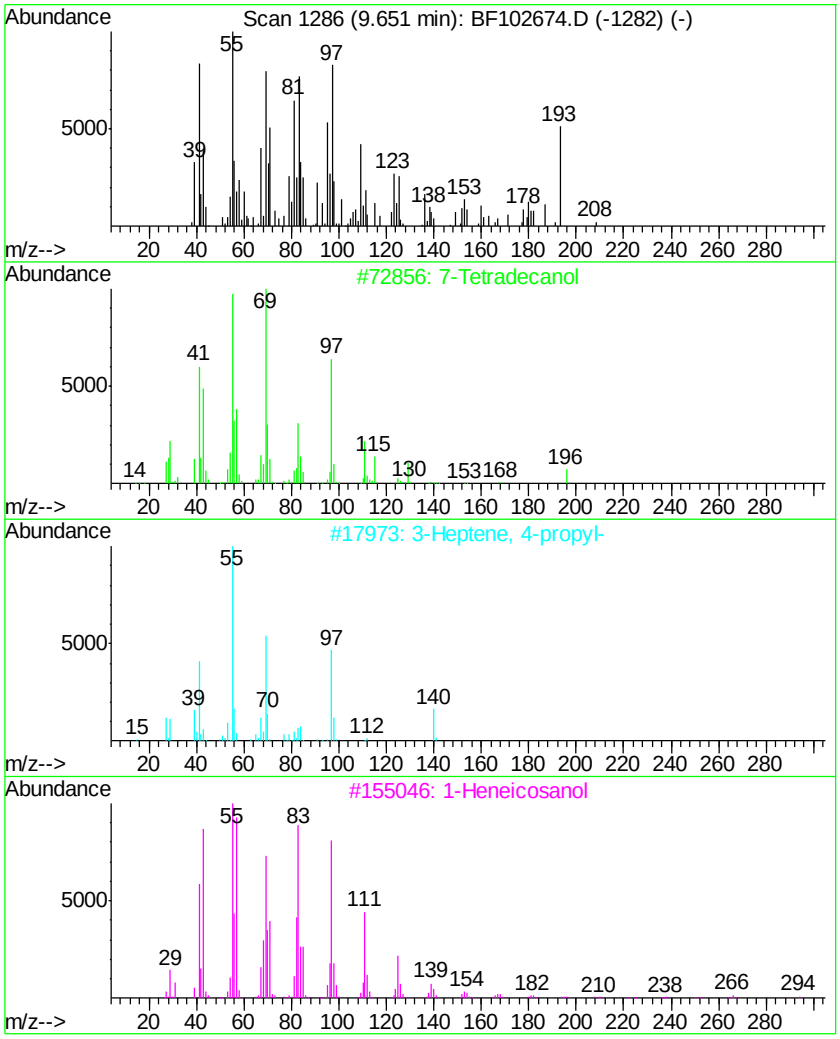
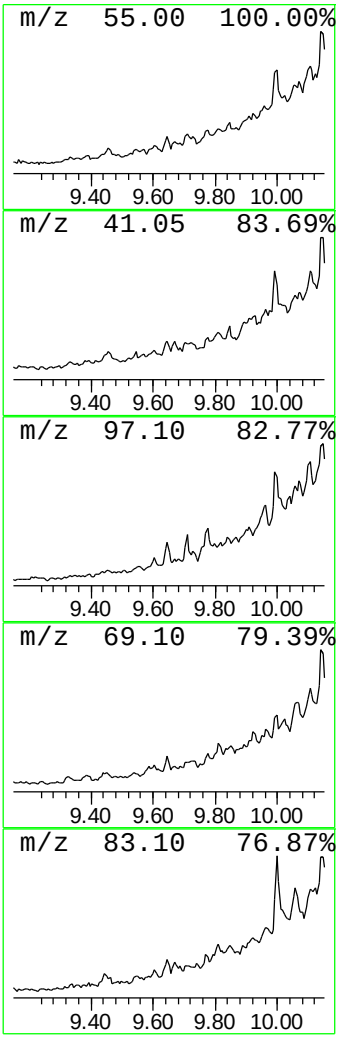
Peak Number 6 unknown9.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.22 ng	98731	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecanol	214	C14H30O	003981-79-1	38
2	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	35
3	1-Heneicosanol	312	C21H44O	015594-90-8	30
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	27
5	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	27





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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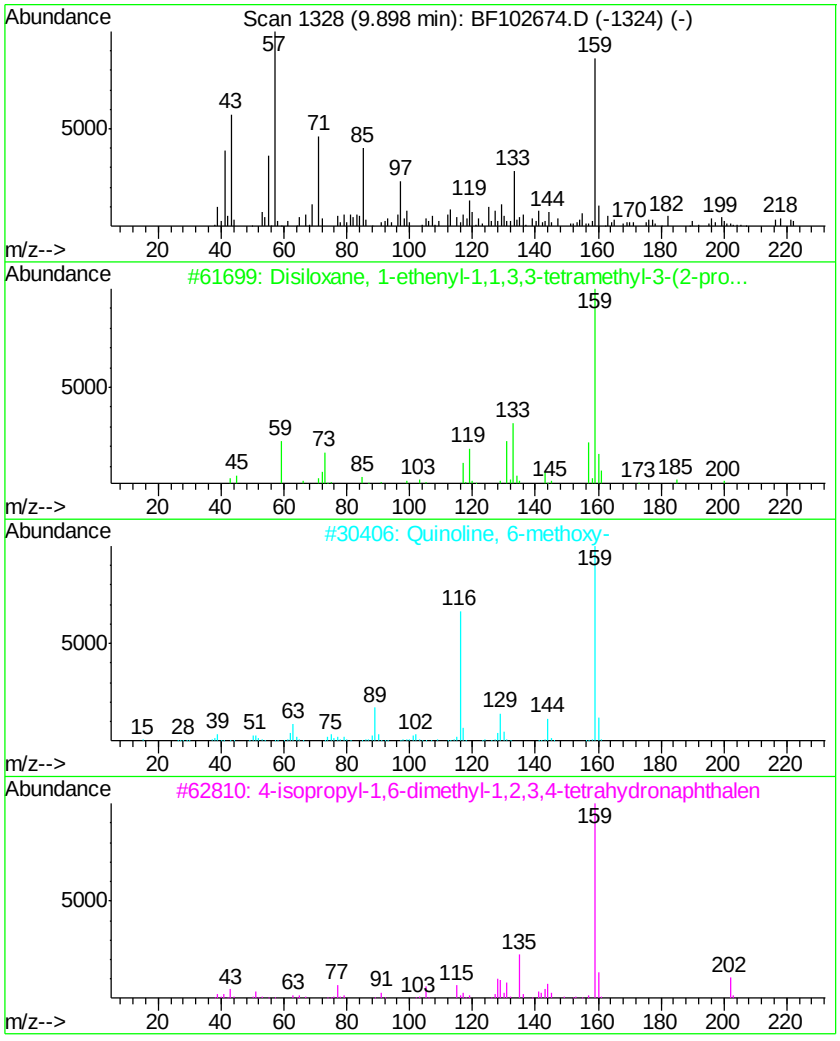
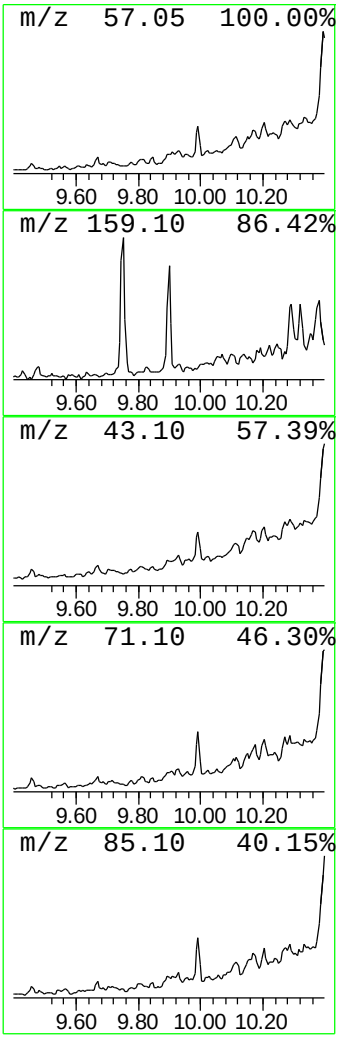
Peak Number 7 unknown9.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.65 ng	162320	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1-ethenyl-1,1,3,3-te...	200	C9H20OSi2	055967-53-8	43
2	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	30
3	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	25
4	3-Amino-2-naphthol	159	C10H9NO	005417-63-0	25
5	Cyclopentanecarboxylic acid, 1-(...	204	C13H16O2	080789-75-9	22





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Instrument : BNA_F
ClientSampleId : OILY-STONES-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
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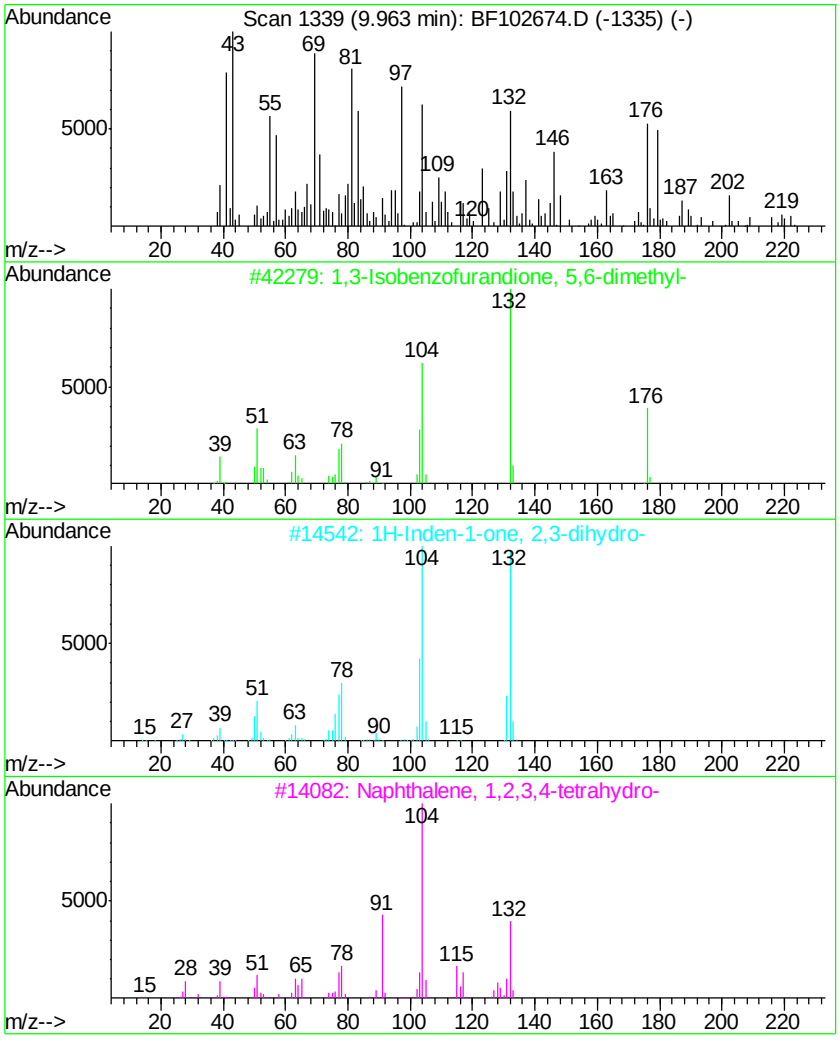
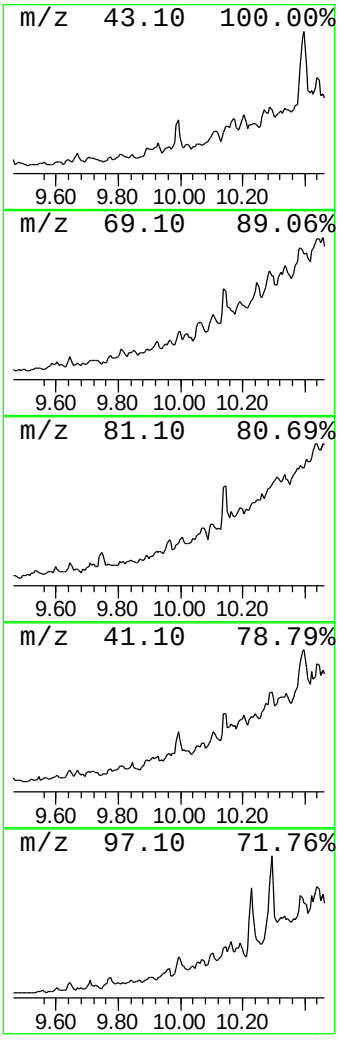
Peak Number 8 unknown9.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.10 ng	182116	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 5,6-dime...	176	C10H8O3	005999-20-2	46
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	30
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	27
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	25





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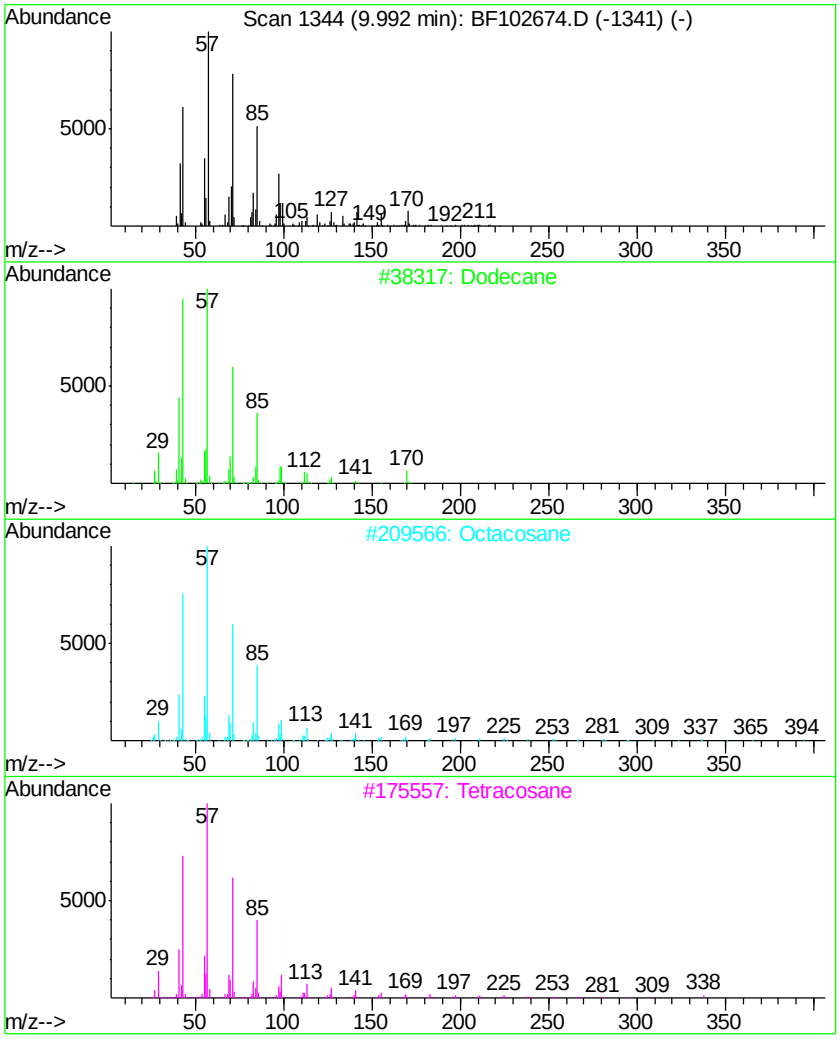
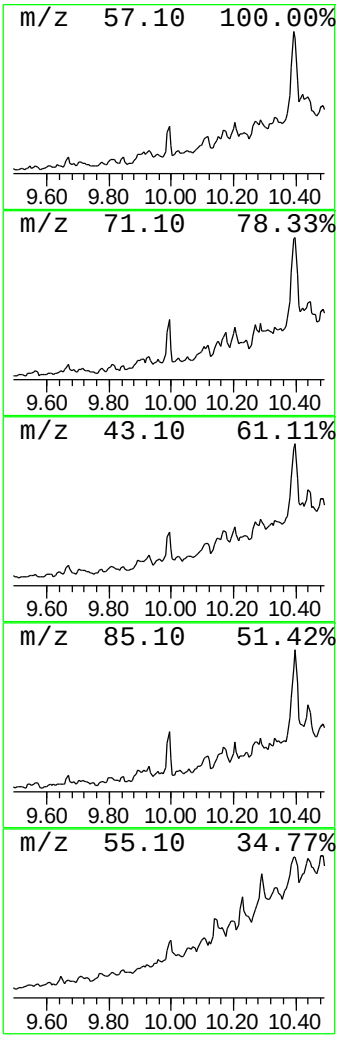
Peak Number 9 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	8.03 ng	356751	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	80
2	Octacosane	394	C28H58	000630-02-4	72
3	Tetracosane	338	C24H50	000646-31-1	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Heneicosane	296	C21H44	000629-94-7	64





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TIC Library : C:\DATABASE\NIST11.L
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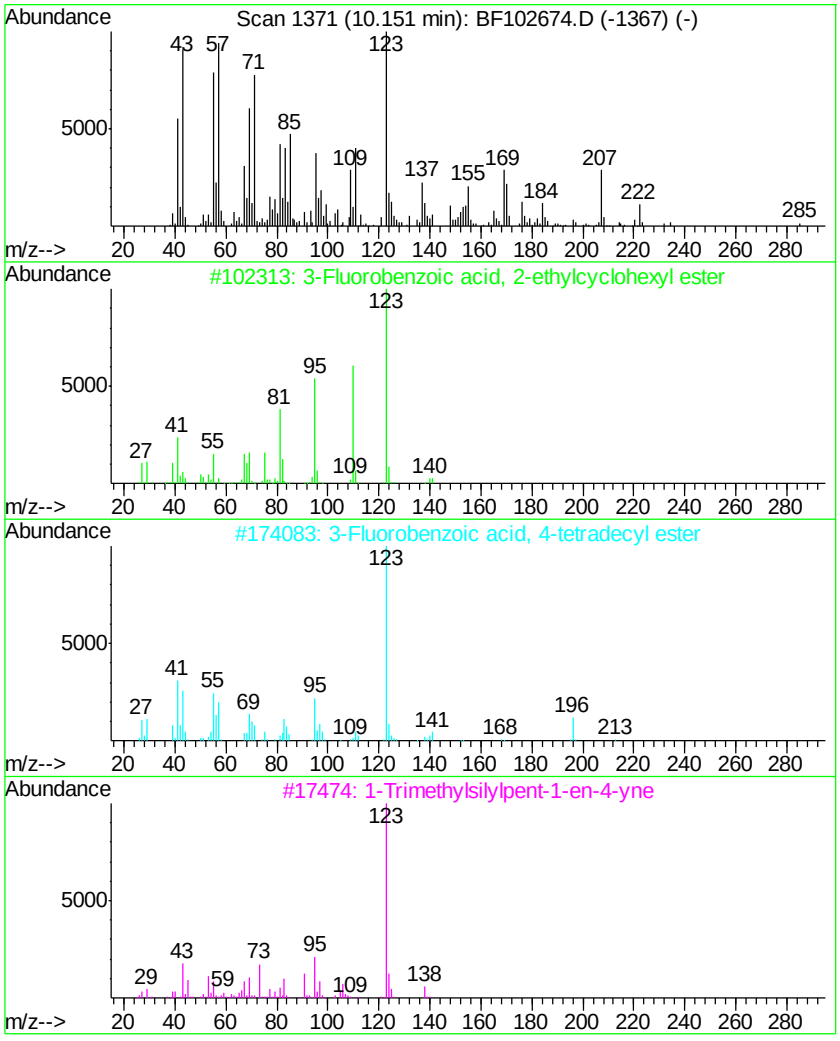
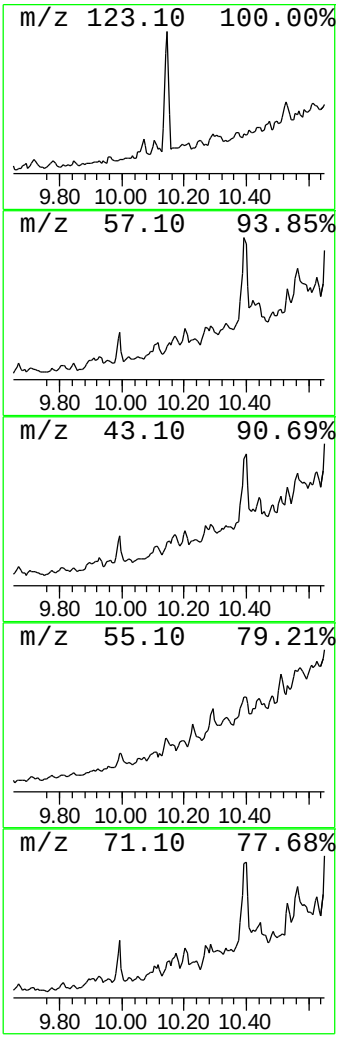
Peak Number 10 unknown10.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	12.23 ng	543486	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47
2	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	47
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	46





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Misc :
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Instrument : BNA_F
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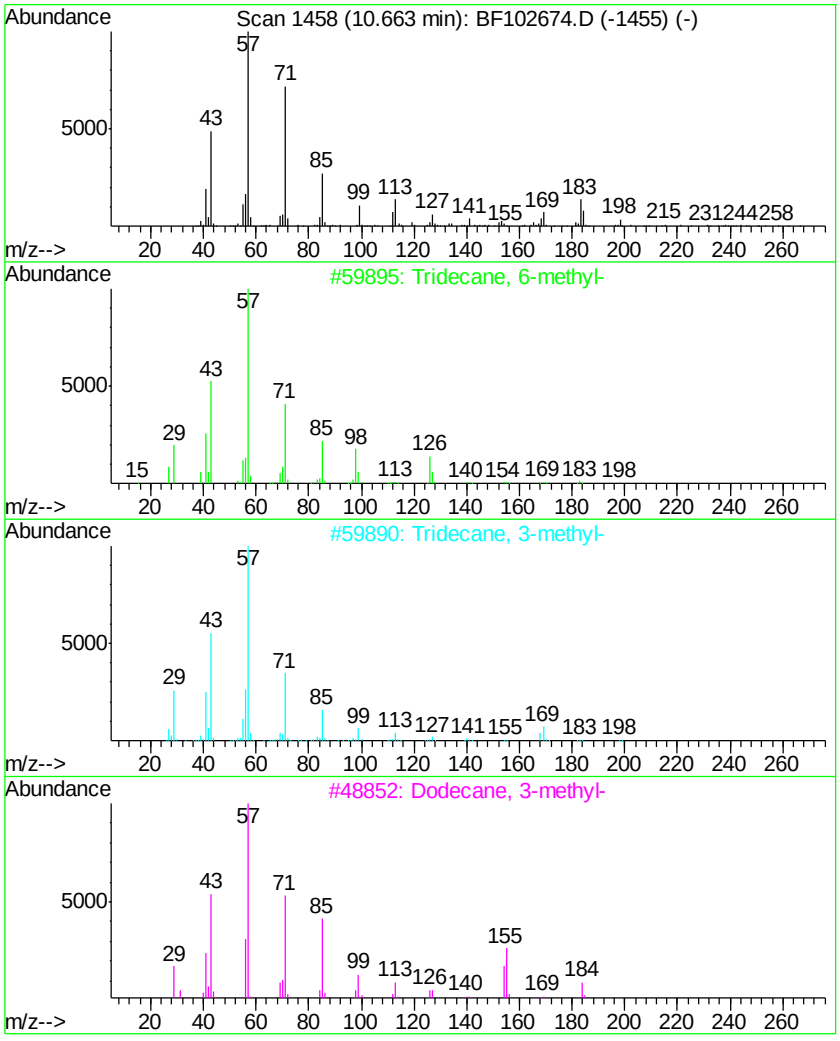
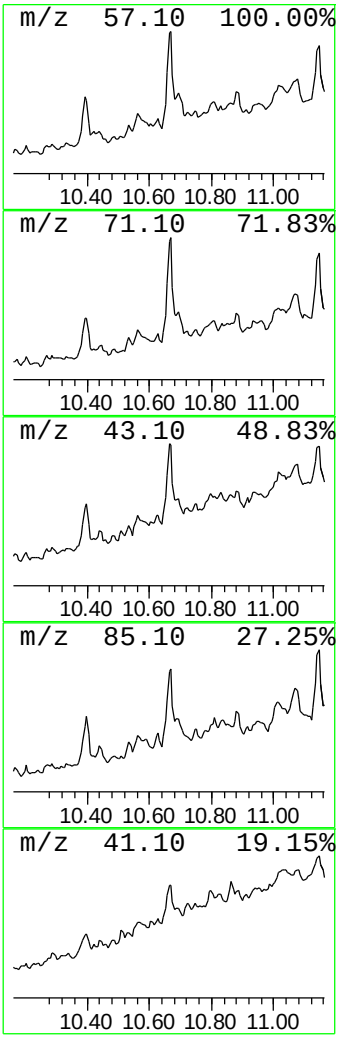
Peak Number 11 Tridecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	20.00 ng	1581030	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	46
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102674.D
Acq On : 1 Feb 2018 00:08
Operator : SJ/JU
Sample : J1384-08 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES-2

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...	4.90	2.4	ng	101004	1	6.71	840561	20.0
unknown6.49	6.49	40.9	ng	1720150	1	6.71	840561	20.0
Benzene, 1,2-dich...	8.72	2.5	ng	128816	2	7.99	1017000	20.0
Phthalic anhydride	8.79	4.4	ng	224060	2	7.99	1017000	20.0
unknown9.65	9.65	2.2	ng	98731	3	9.75	888601	20.0
unknown9.90	9.90	3.6	ng	162320	3	9.75	888601	20.0
unknown9.96	9.96	4.1	ng	182116	3	9.75	888601	20.0
Dodecane	9.99	8.0	ng	356751	3	9.75	888601	20.0
unknown10.15	10.15	12.2	ng	543486	3	9.75	888601	20.0
Tridecane, 6-methyl-	10.66	20.0	ng	1581030	4	11.25	1581030	20.0