LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110573.D
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

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-BF102318.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	2.222	20	23	31	rVB3	22216	36989	6.59%	1.246%
2	5.575	590	593	601	rBV	33593	45586	8.13%	1.536%
3	6.581	761	764	778	rBV	24439	51269	9.14%	1.727%
4	6.728	785	789	797	rBV	45567	52086	9.29%	1.754%
5	6.957	824	828	836	rBV	22991	26324	4.69%	0.887%
6	7.110	850	854	861	rBV	44283	47436	8.46%	1.598%
7	7.463	909	914	918	rBV2	8298	9033	1.61%	0.304%
8	7.528	922	925	930	rBV2	10766	16449	2.93%	0.554%
9	8.239	1044	1046	1052	rBV	17540	23577	4.20%	0.794%
10	8.733	1127	1130	1132	rBV	40017	32400	5.78%	1.091%
11	8.786	1135	1139	1141	rVV4	6130	9269	1.65%	0.312%
12	8.898	1154	1158	1161	rBV2	21216	30690	5.47%	1.034%
13	8.975	1169	1171	1175	rVB2	13627	14219	2.54%	0.479%
14	9.016	1175	1178	1180	rBV2	6974	8915	1.59%	0.300%
15	9.069	1183	1187	1191	rVV3	15068	23002	4.10%	0.775%
16	9.139	1196	1199	1202	rBV2	25438	34423	6.14%	1.160%
17	9.192	1205	1208	1211	rBV	31385	26983	4.81%	0.909%
18	9.233	1211	1215	1218	rBV3	20417	29209	5.21%	0.984%
19	9.263	1218	1220	1223	rVB3	24199	22339	3.98%	0.752%
20	9.310	1223	1228	1231	rBV2	58505	88012	15.69%	2.965%
21	9.445	1249	1251	1253	rBV	19457	16876	3.01%	0.568%
22	9.486	1255	1258	1262	rVB2	84690	103405	18.44%	3.483%
23	9.539	1265	1267	1269	rBV2	22679	20103	3.58%	0.677%
24	9.563	1269	1271	1273	rVB2	20129	14254	2.54%	0.480%
25	9.610	1277	1279	1281	rBV2	12303	9939	1.77%	0.335%
26	9.692	1291	1293	1296	rBV	40823	37282	6.65%	1.256%
27	9.727	1296	1299	1301	rVV2	18954	18584	3.31%	0.626%
28	9.780	1305	1308	1309	rBV2	13167	11143	1.99%	0.375%
29	9.851	1317	1320	1322	rBV2	24250	23797	4.24%	0.802%
30	9.898	1326	1328	1332	rVB2	35938	27901	4.97%	0.940%
31	9.939	1332	1335	1338	rBV	36939	38599	6.88%	1.300%
32	9.998	1342	1345	1348	rVV	42419	44955	8.01%	1.514%
33	10.051	1352	1354	1356	rVB	24508	17263	3.08%	0.581%
34	10.398	1410	1413	1415	rBV2	41022	45029	8.03%	1.517%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.457	1420	1423	1425	rVV	52064	53353	9.51%	1.797%
36	10.510	1429	1432	1434	rBV	46724	49635	8.85%	1.672%
37	10.798	1478	1481	1484	rVB4	37557	40374	7.20%	1.360%
38	11.121	1533	1536	1540	rVB	70938	70006	12.48%	2.358%
39	11.157	1540	1542	1544	rVB2	35431	25912	4.62%	0.873%
40	11.851	1658	1660	1663	rBV4	53009	64978	11.58%	2.189%
41	11.921	1669	1672	1676	rBV3	65294	84164	15.01%	2.835%
42	12.274	1729	1732	1736	rBV	319409	317271	56.56%	10.687%
43	15.804	2329	2332	2340	rVB2	167879	212800	37.94%	7.168%
44	16.392	2429	2432	2440	rVB2	239773	432018	77.02%	14.552%
45	16.851	2505	2510	2518	rVB2	292516	560899	100.00%	18.893%

Sum of corrected areas: 2968750

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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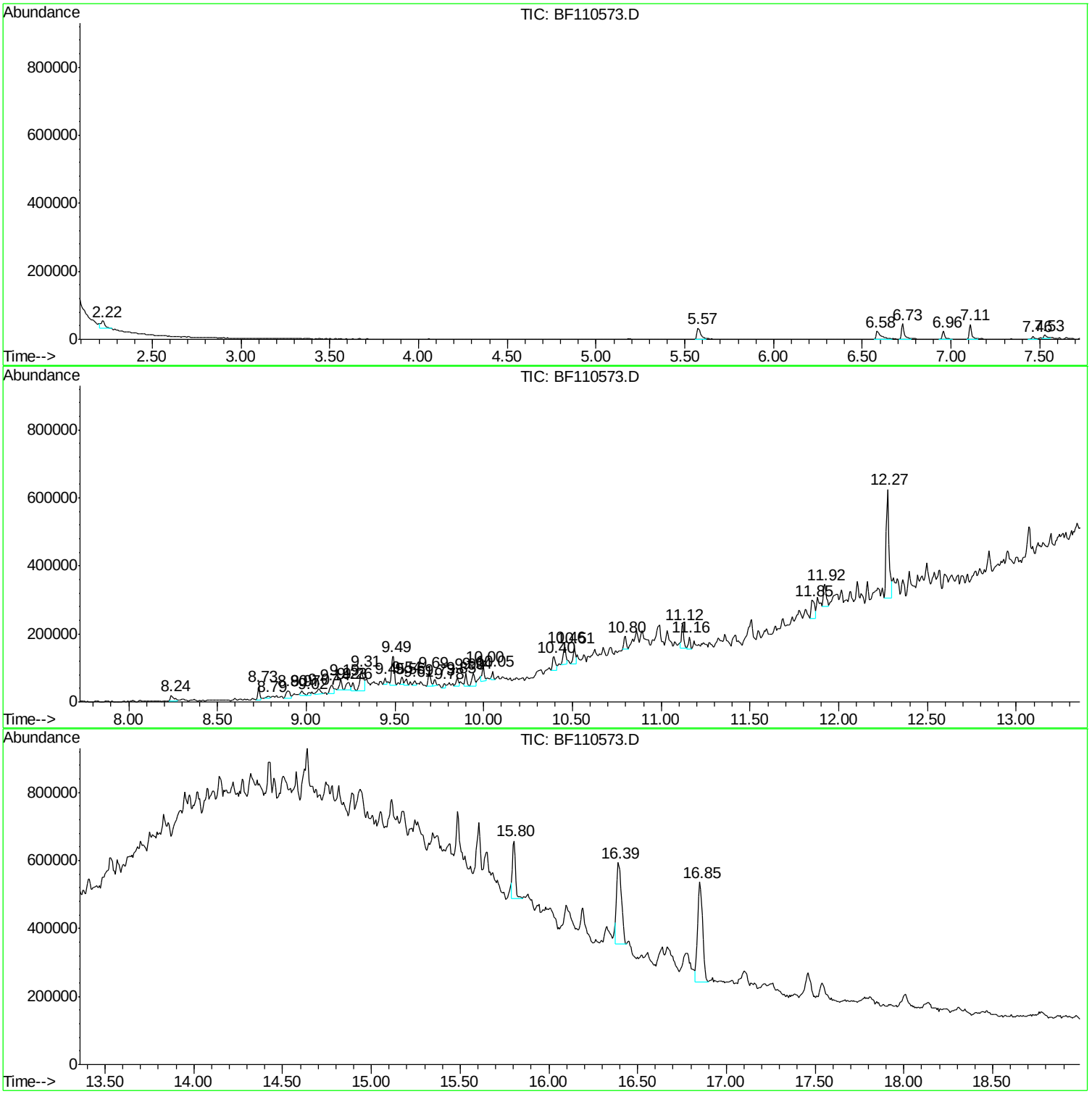
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110718\
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Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

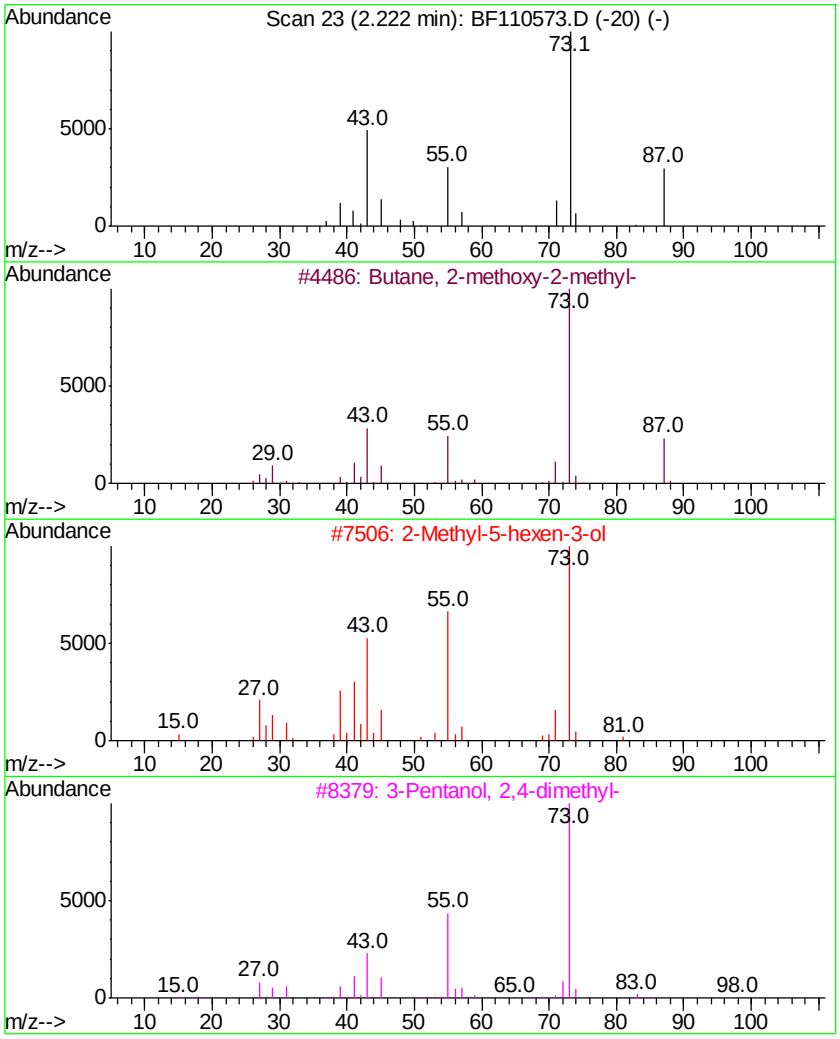
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

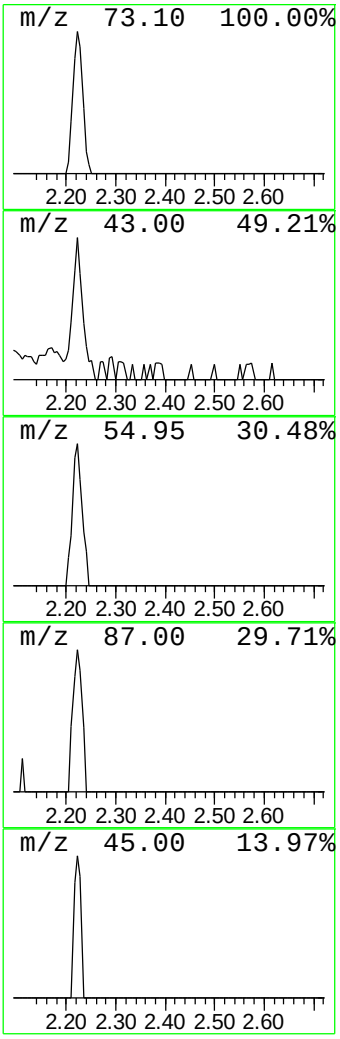
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	28.10 ng	36989	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	Isobutylamine	73	C4H11N	000078-81-9	7
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

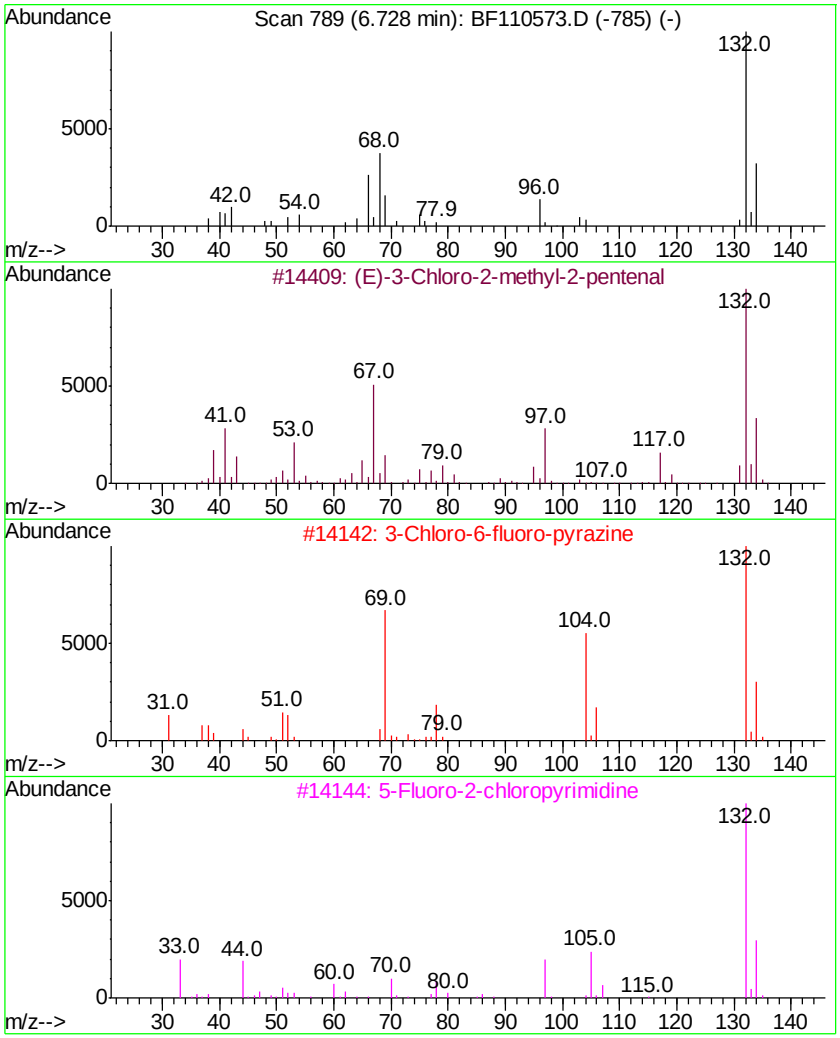
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

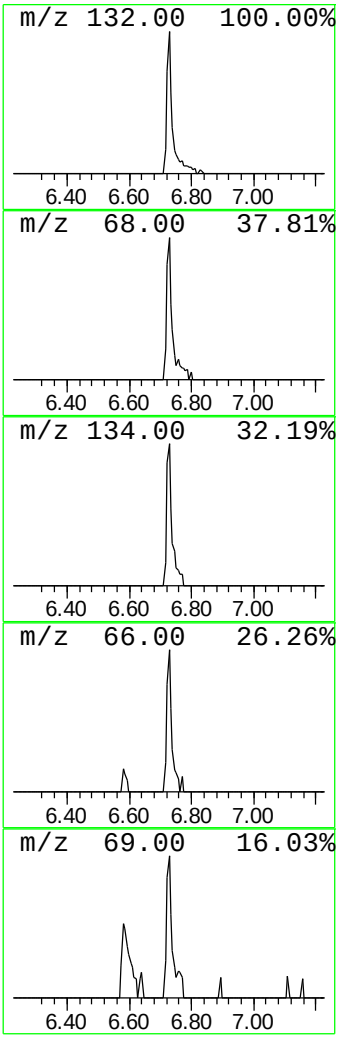
****

Peak Number 2 unknown6.73 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	39.57 ng	52086	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110573.D
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

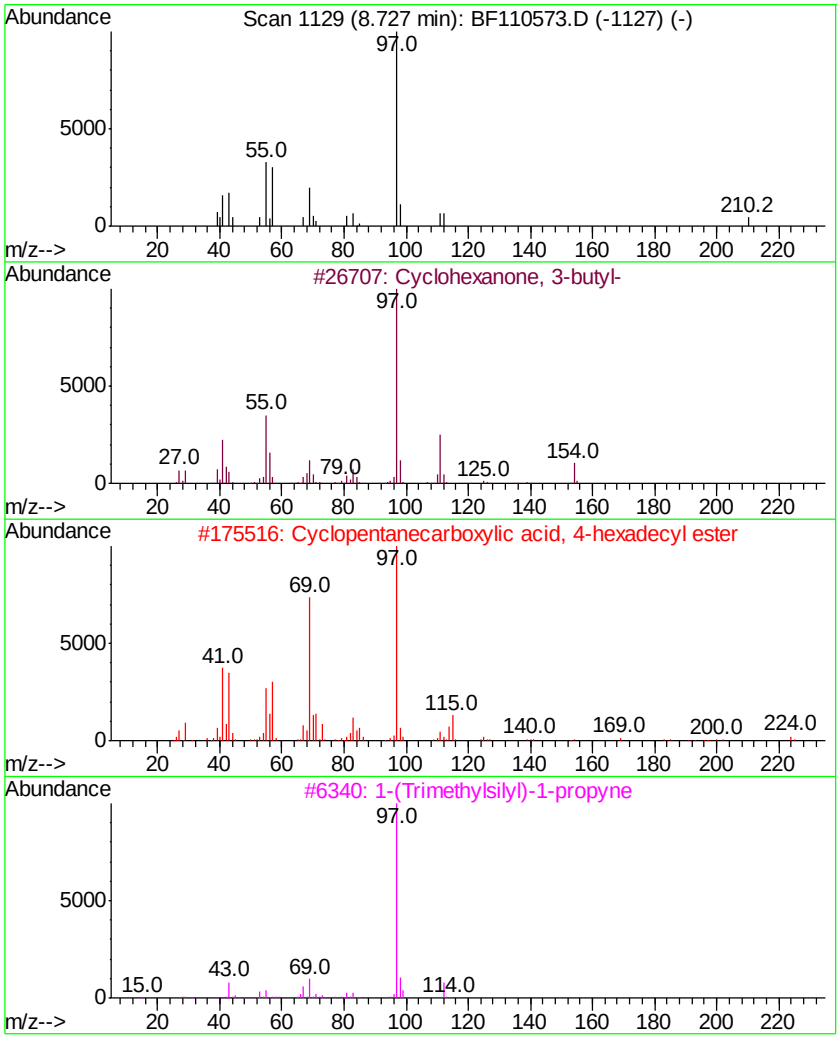
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

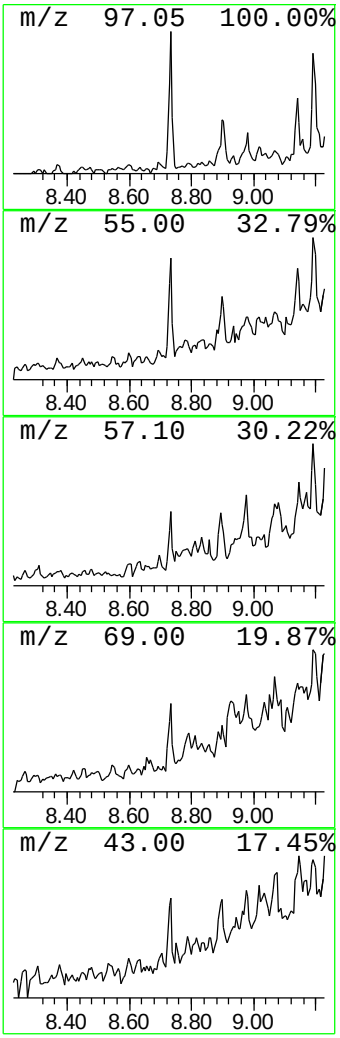
****

Peak Number 4 Cyclohexanone, 3-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	27.48 ng	32400	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	78
2	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	74
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	72
4	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110573.D
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

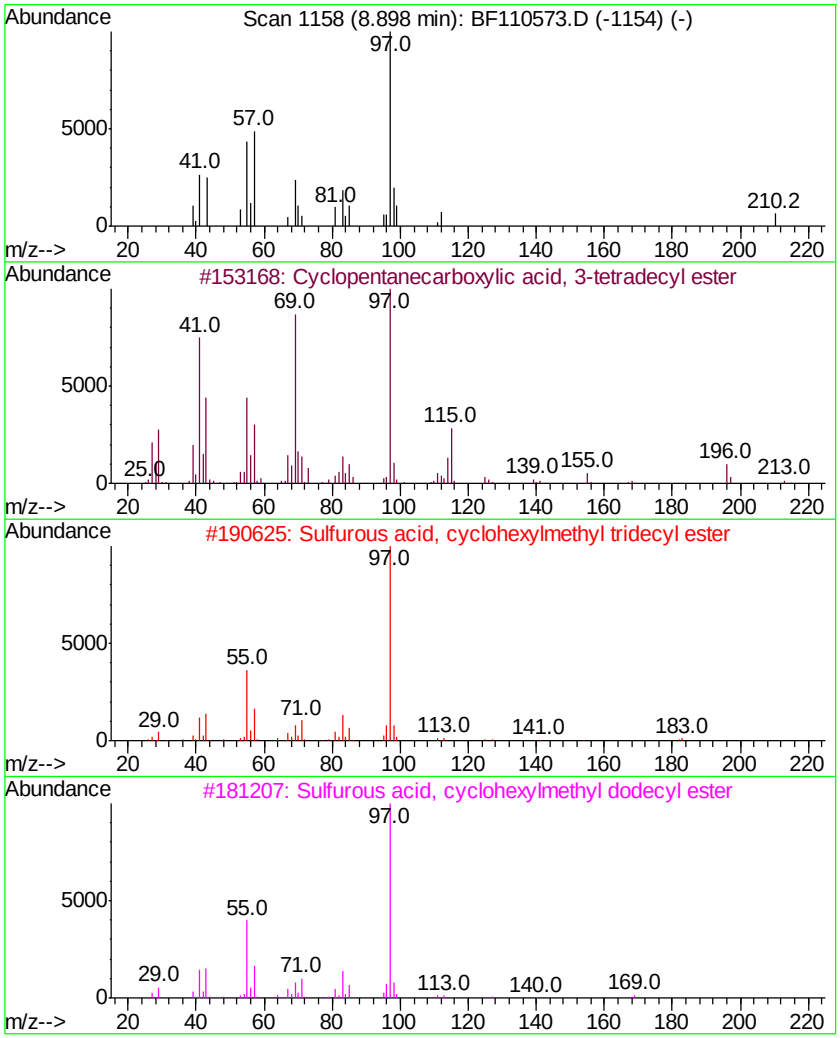
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

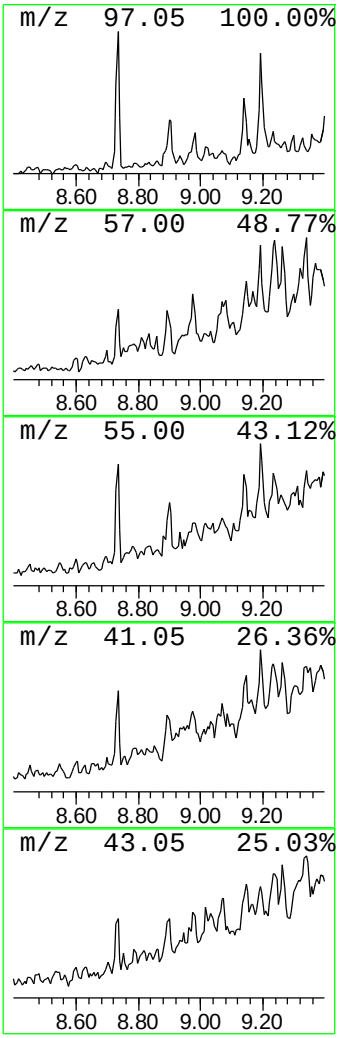
****

Peak Number 5 Cyclopentanecarboxylic acid... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	26.03 ng	30690	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	64
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	59
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
4	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	53
5	Cyclohexanone, 3-(3,3-dimethylbu...	182	C12H22O	040564-94-1	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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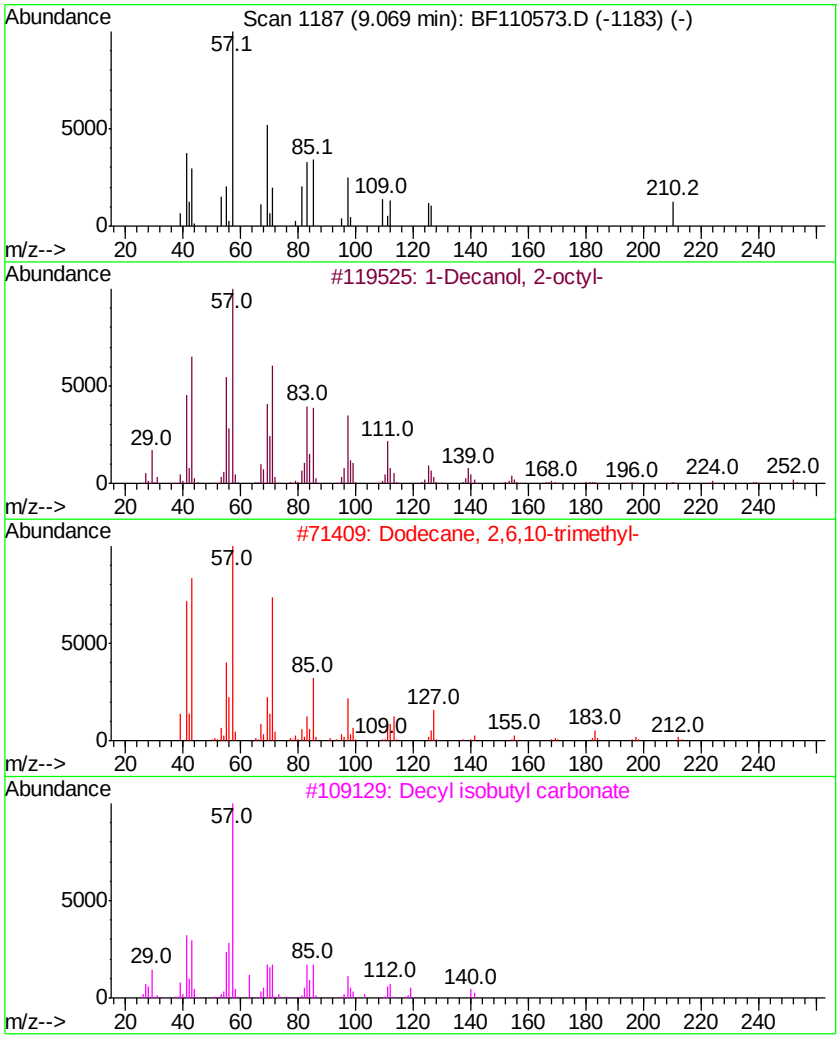
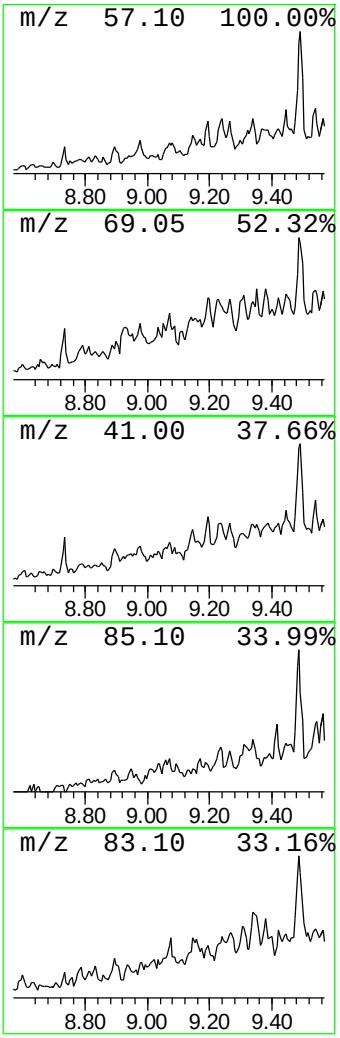
****

Peak Number 6 unknown9.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	19.51 ng	23002	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	42
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
3	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	38
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	36
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	36





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Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

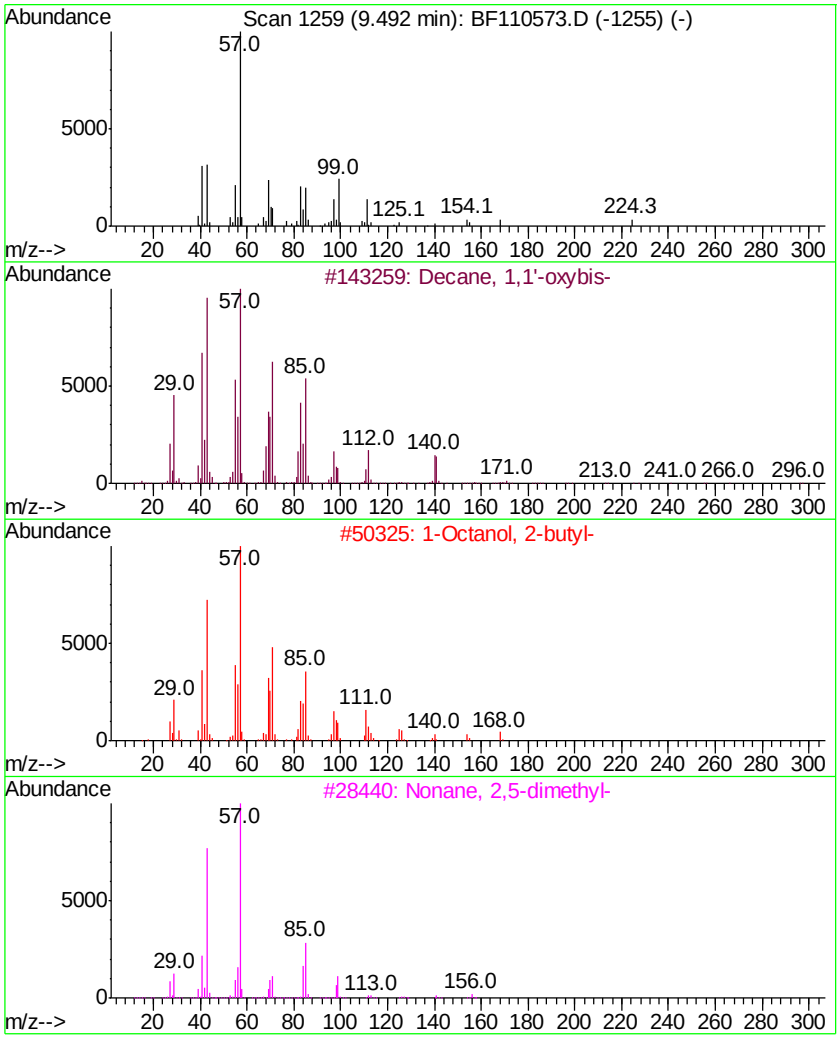
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

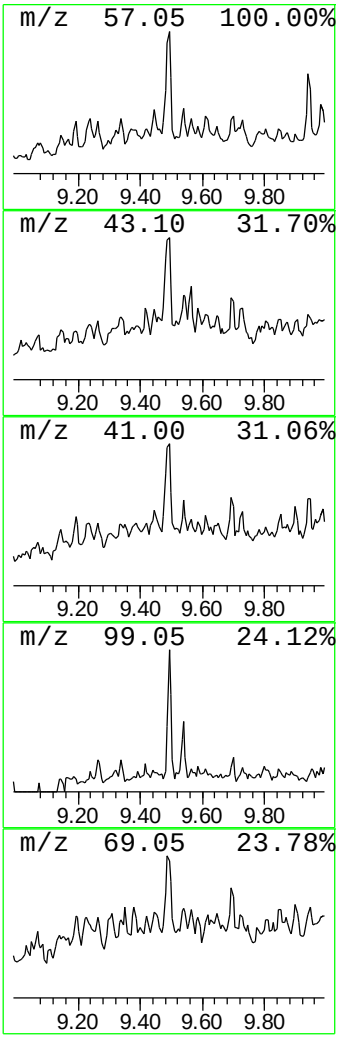
****

Peak Number 7 Decane, 1,1'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	46.00 ng	103405	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43
5	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	42





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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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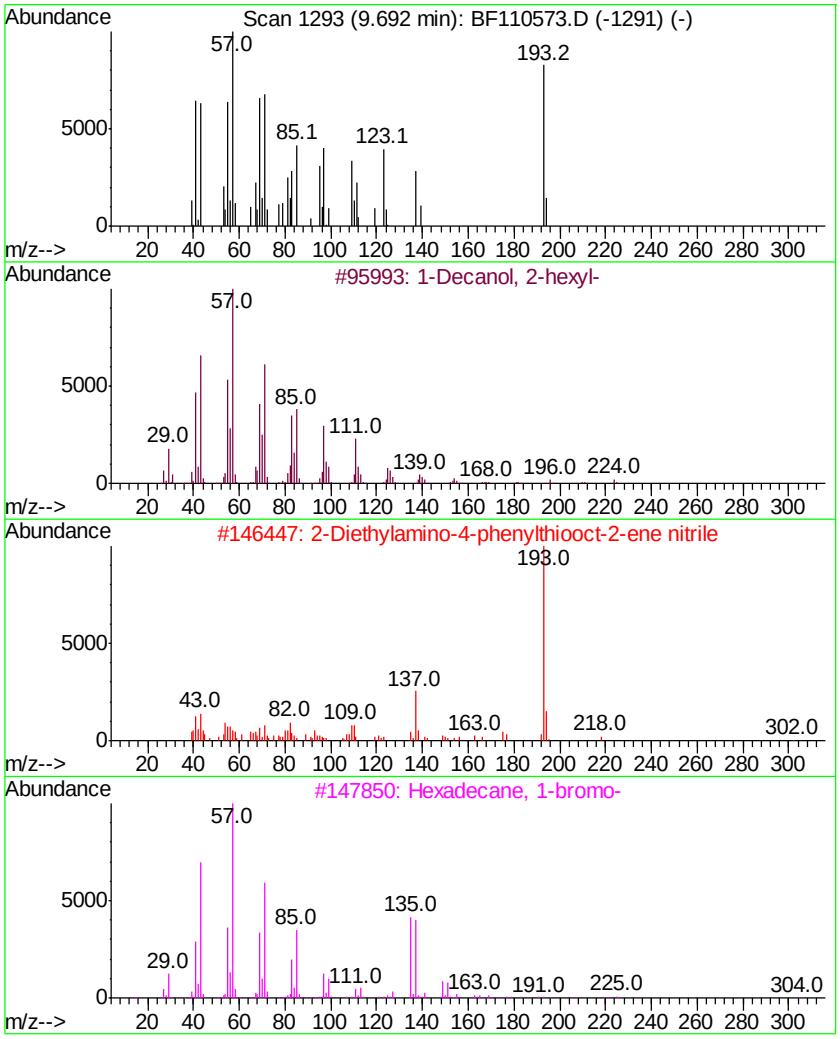
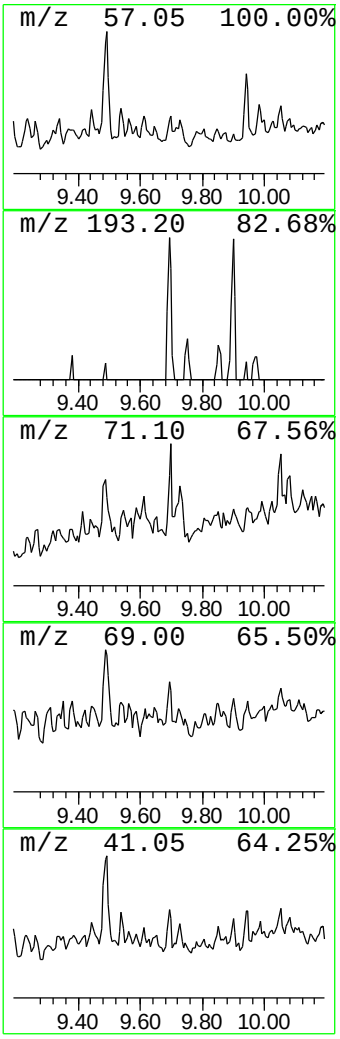
Peak Number 8 unknown9.69 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	16.59 ng	37282	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	27
2	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
3	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	14
4	1-Bromodocosane	388	C22H45Br	006938-66-5	14
5	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	14





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Data File : BF110573.D
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

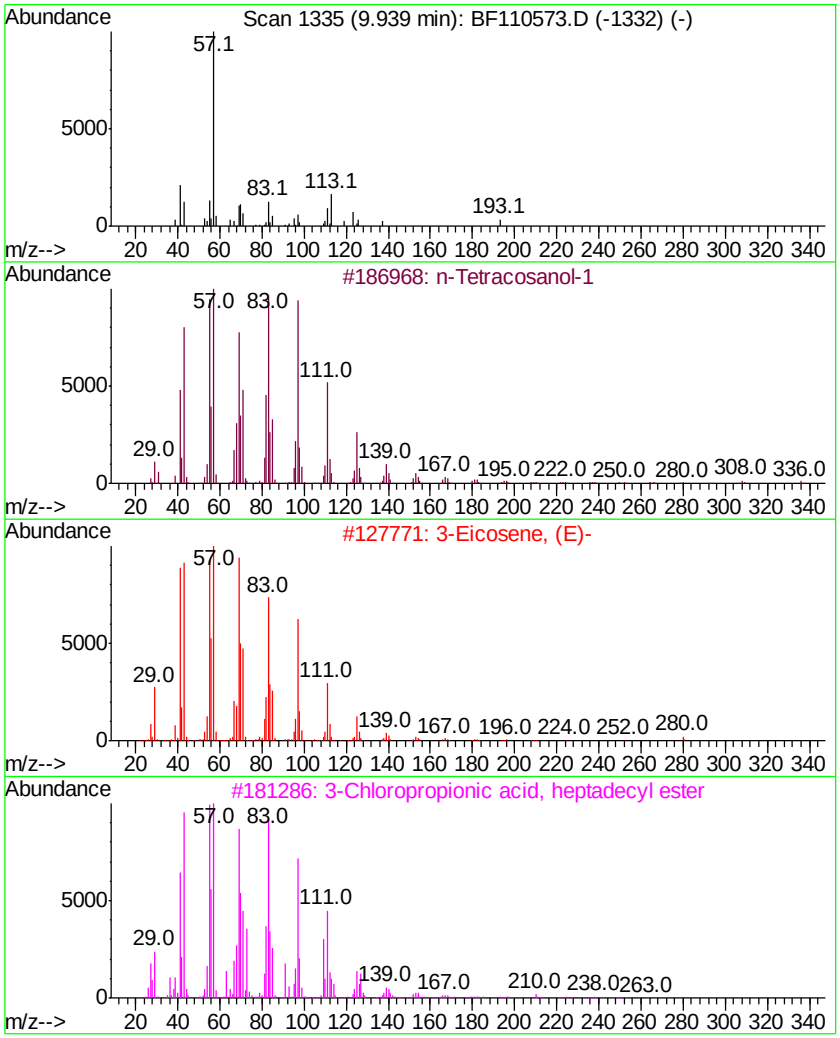
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

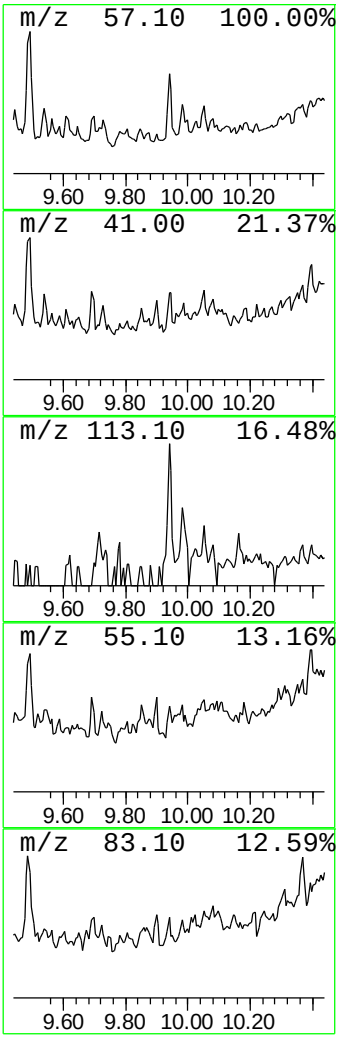
****

Peak Number 9 unknown9.94 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	17.17 ng	38599	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	43
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	38
4	2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	38
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38





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Operator : JU/SJ
Sample : J5835-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

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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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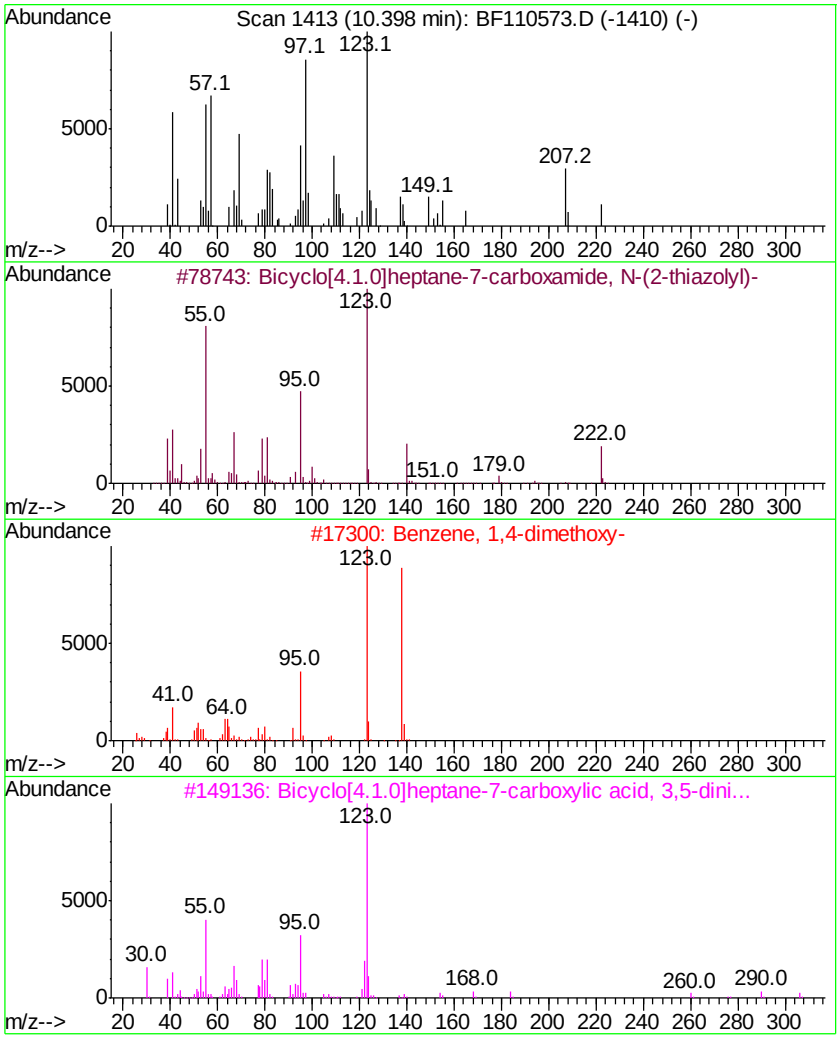
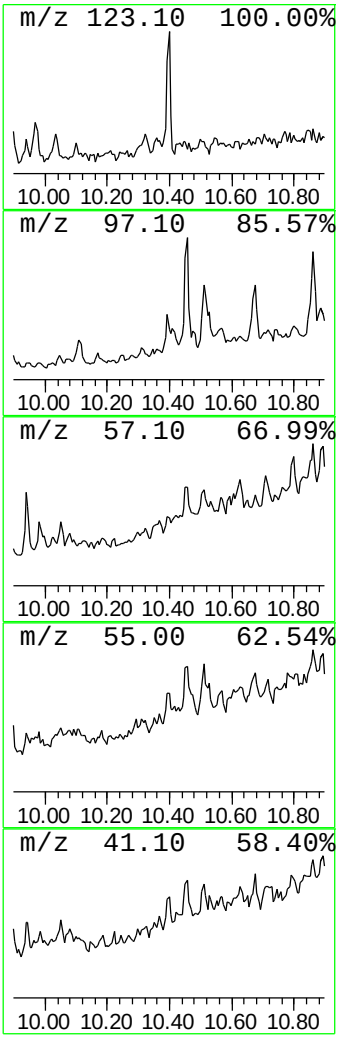
Peak Number 10 unknown10.40 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	20.03 ng	45029	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	35
2	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	35
3	Bicyclo[4.1.0]heptane-7-carboxyl...	306	C14H14N2O6	1000311-95-8	27
4	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-49-3	27
5	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	27





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ClientSampleId : ES-OILY-DEBRI

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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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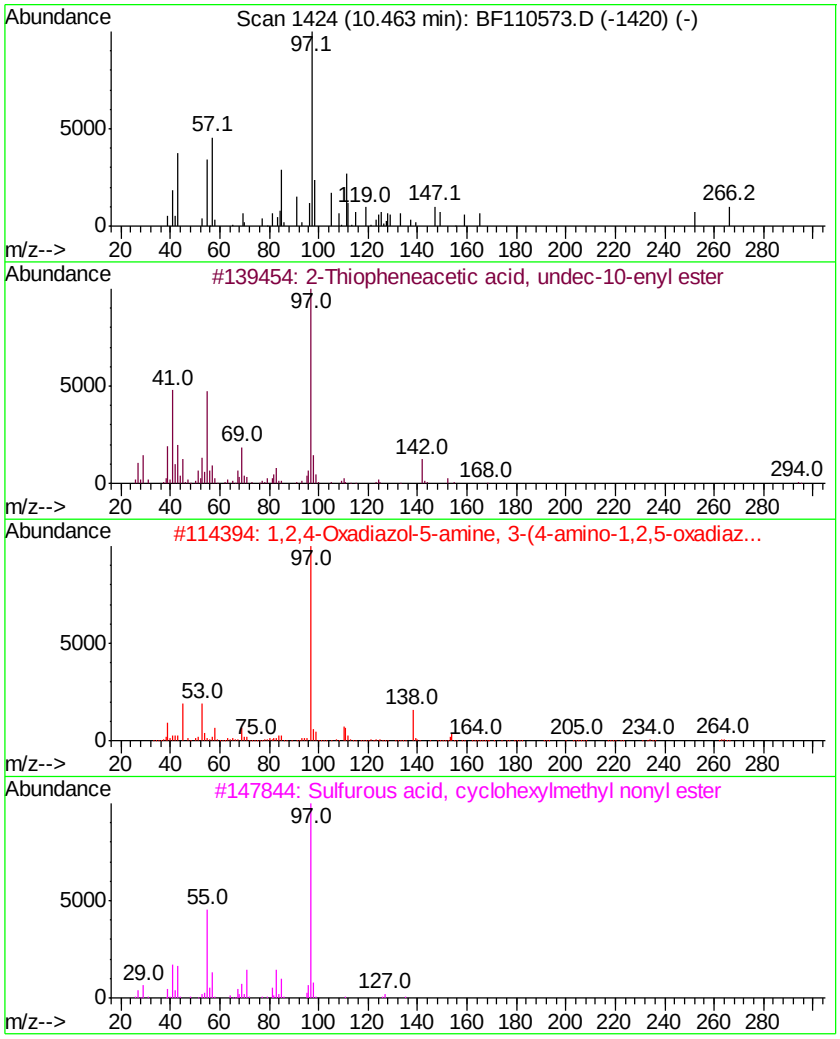
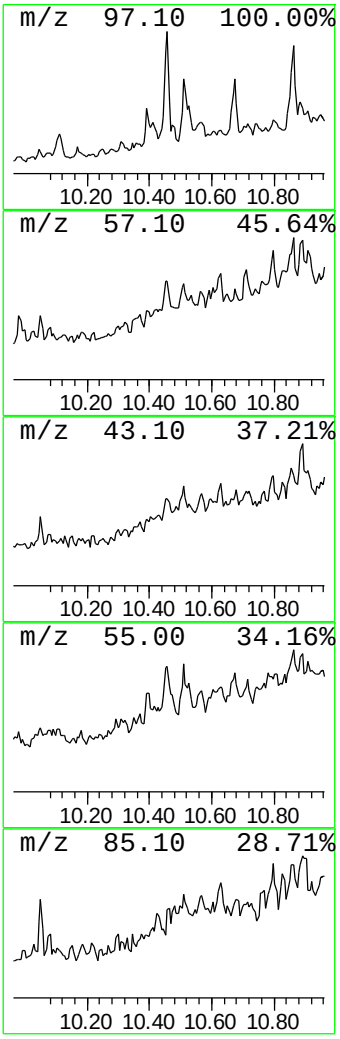
Peak Number 11 2-Thiopheneacetic acid, und... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	23.74 ng	53353	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, undec-10...	294	C17H26O2S	1000278-91-6	59
2	1,2,4-Oxadiazol-5-amine, 3-(4-am...	264	C9H8N6O2S	1000351-26-9	45
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	45
4	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	39
5	5-(2-Thienyl)pentanoic acid	184	C9H12O2S	021010-06-0	39





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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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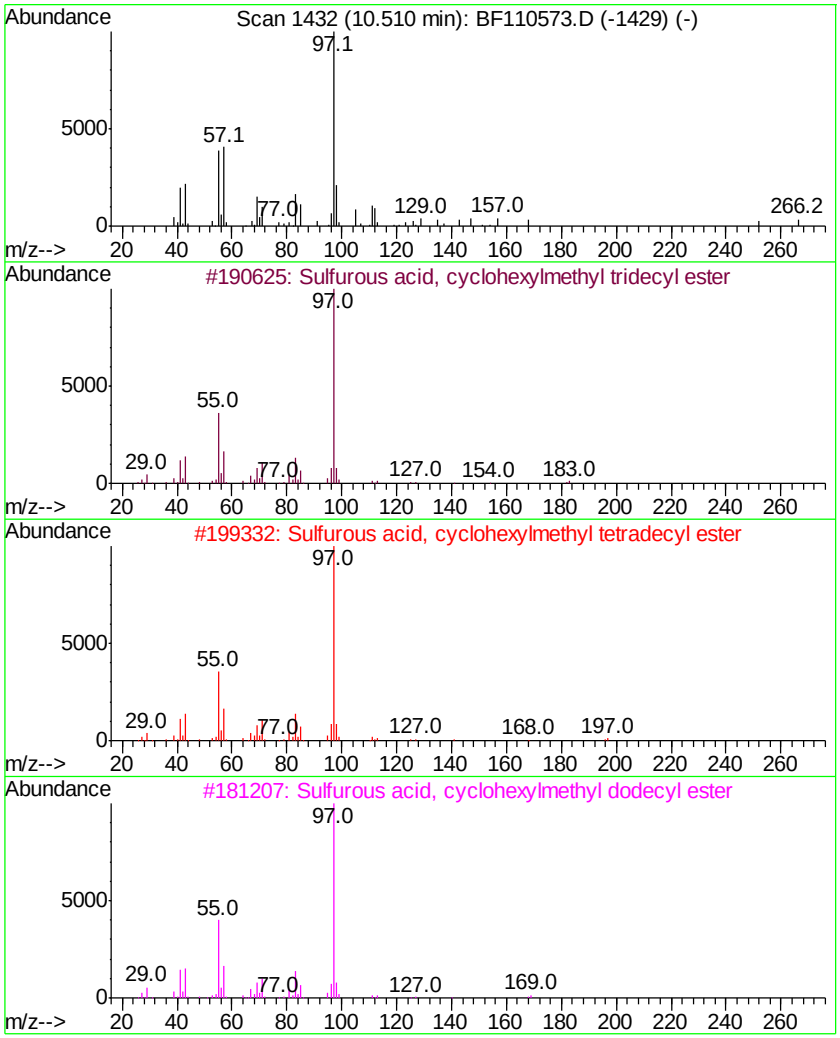
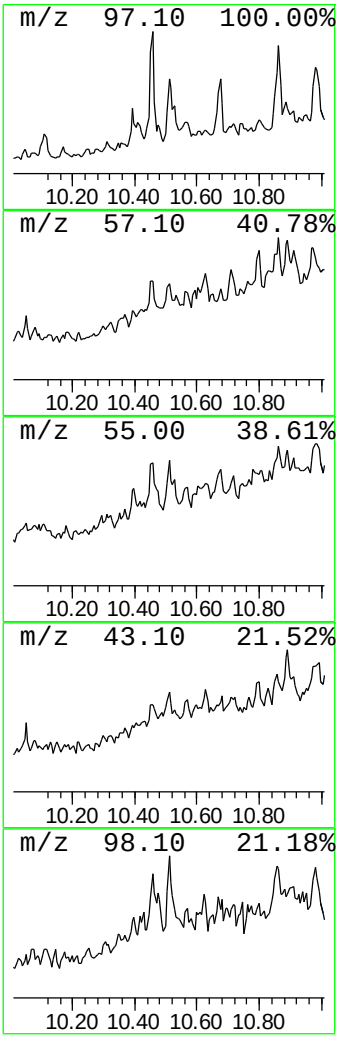
Peak Number 12 unknown10.51 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	22.08 ng	49635	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	47
2	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	47
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	47
4	3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	43
5	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	40





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Sample : J5835-01 10X
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ClientSampleId : ES-OILY-DEBRI

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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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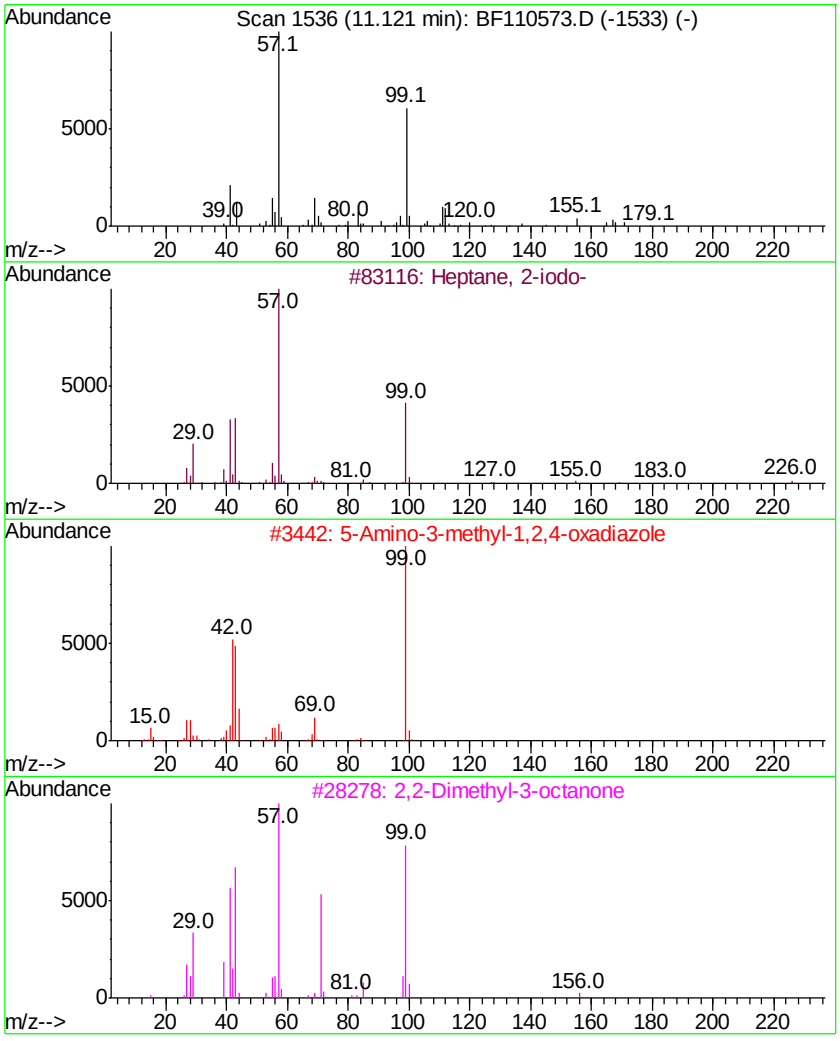
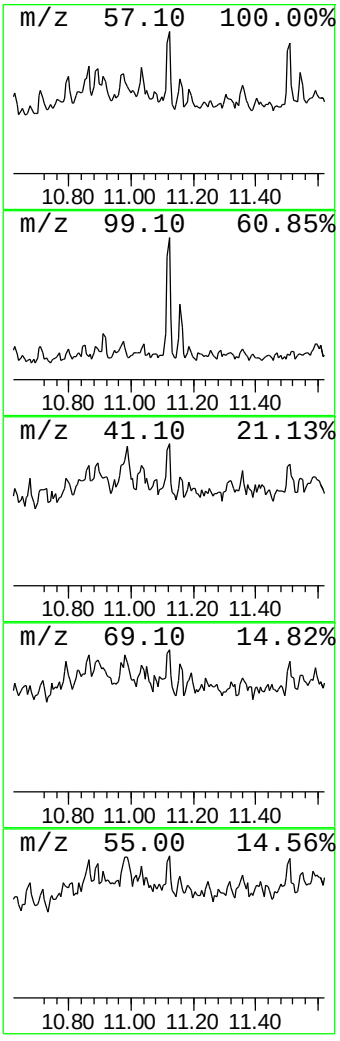
Peak Number 13 unknown11.12 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	54.03 ng	70006	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-iodo-	226	C7H15I	018589-29-2	47
2	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	38
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38
5	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	38





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ClientSampleId : ES-OILY-DEBRI

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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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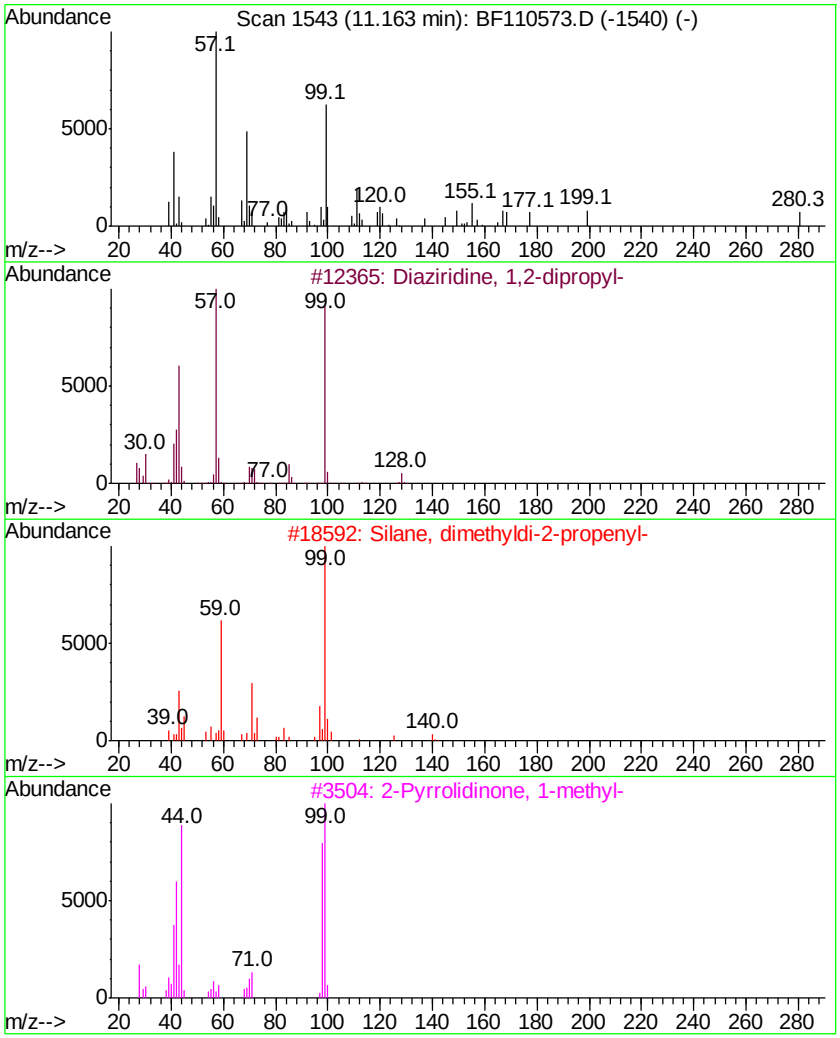
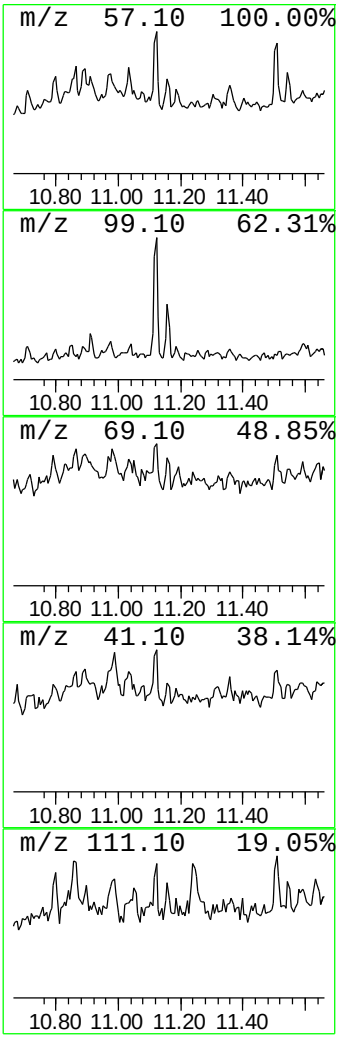
Peak Number 14 unknown11.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	20.00 ng	25912	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diaziridine, 1,2-dipropyl-	128	C7H16N2	006794-92-9	47
2	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	43
3	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	38
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	38
5	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	38





Library Search Compound Report

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ClientSampleId : ES-OILY-DEBRI

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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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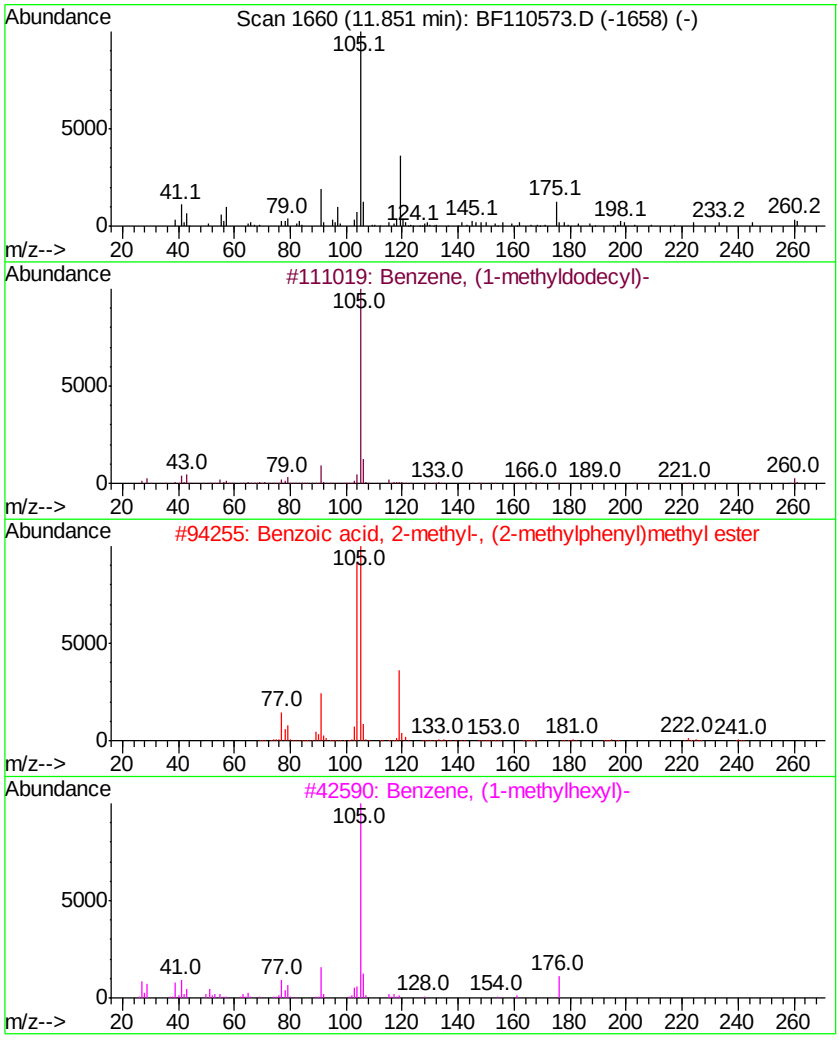
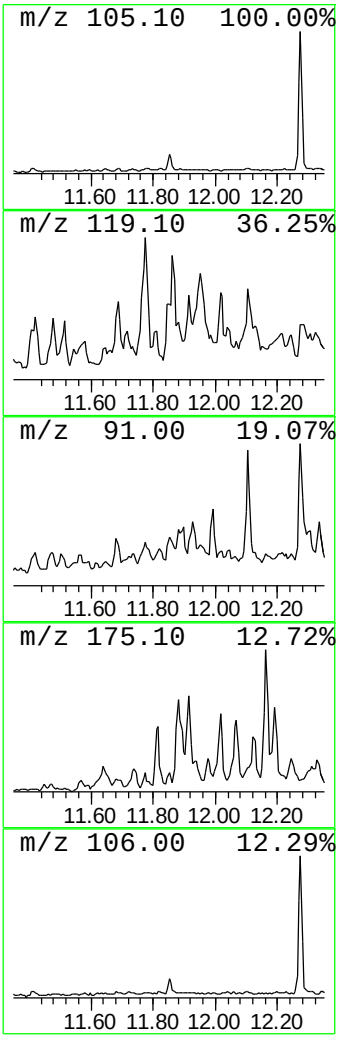
Peak Number 15 unknown11.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	50.15 ng	64978	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	30
2	Benzoic acid, 2-methyl-, (2-meth...	240	C16H16O2	055133-99-8	25
3	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	22
4	(1-Oxa-2-aza-spiro[2.5]oct-2-yl)...	217	C13H15NO2	002289-83-0	22
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	22





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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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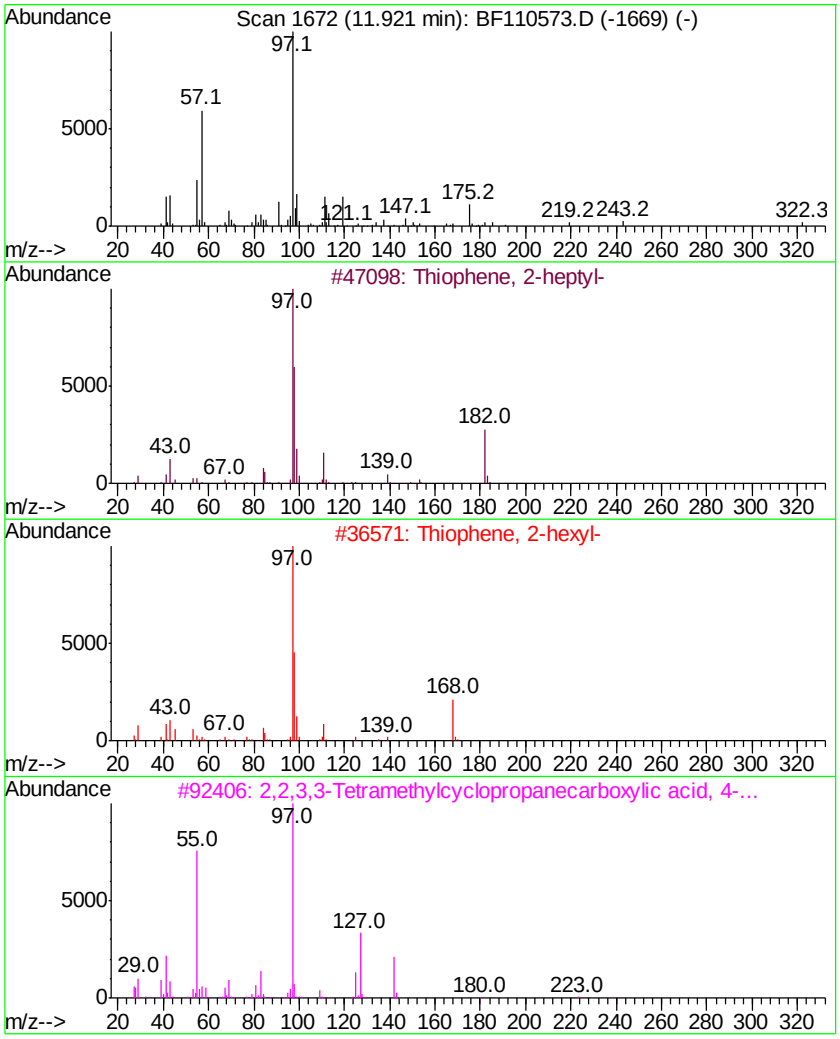
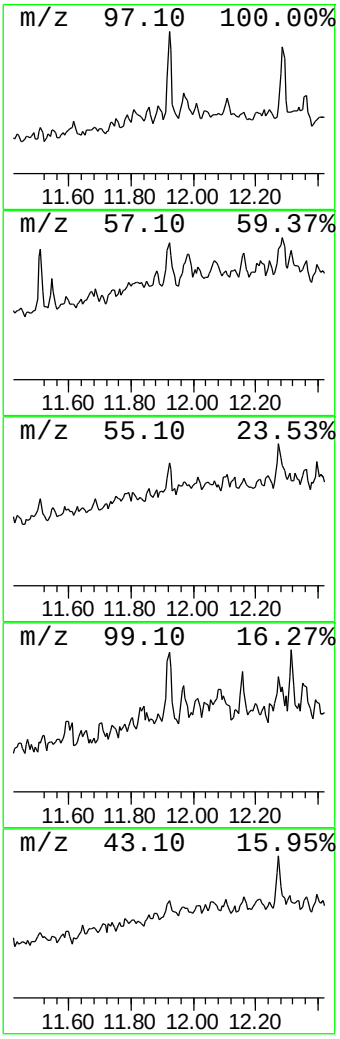
Peak Number 16 Thiophene, 2-heptyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	64.96 ng	84164	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-heptyl-	182	C11H18S	018794-78-0	53
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	53
3	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	47
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	47
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	47





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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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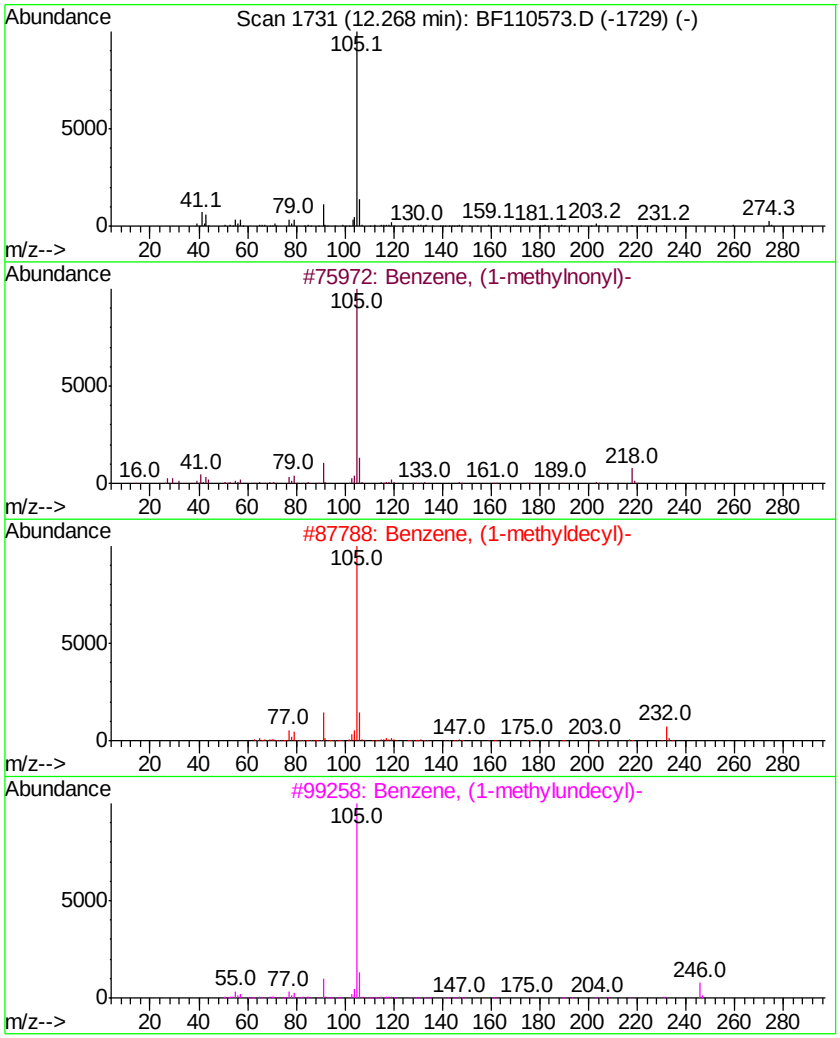
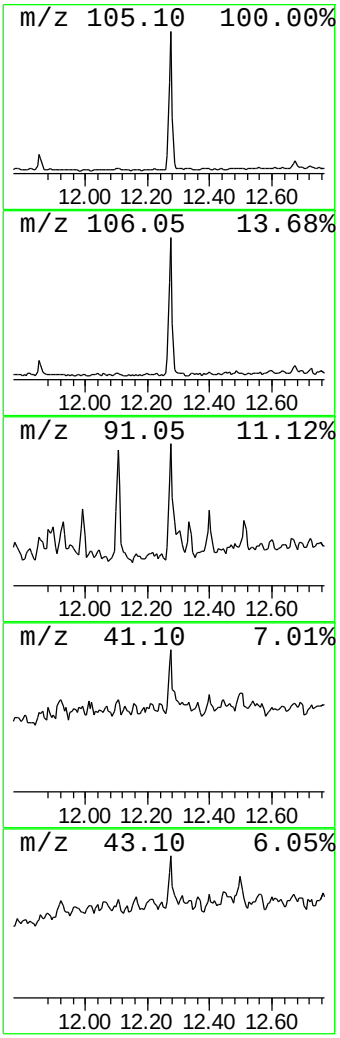
Peak Number 17 Benzene, (1-methylnonyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	244.88 ng	317271	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	53





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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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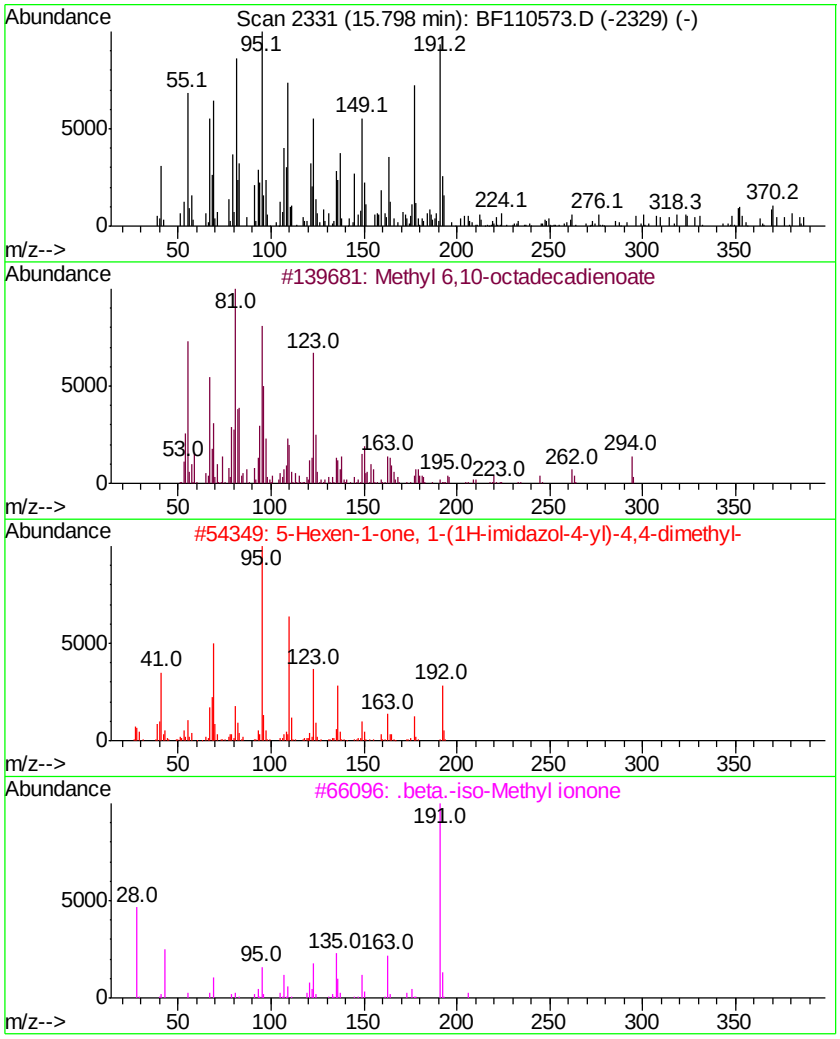
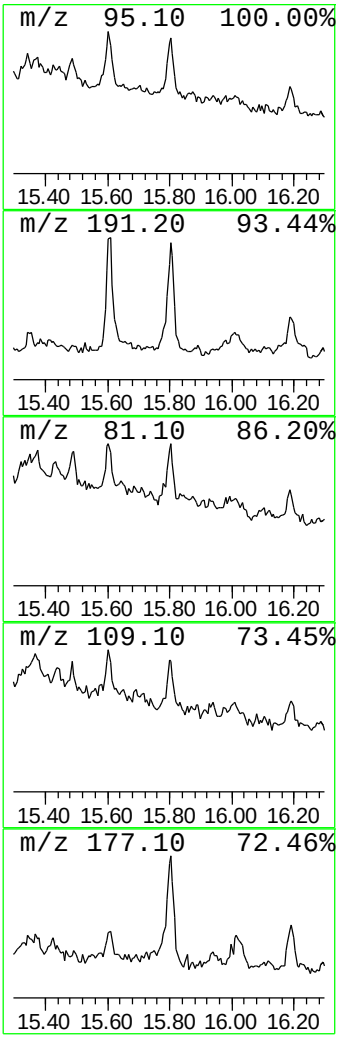
Peak Number 18 unknown15.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	20.00 ng	212800	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 6,10-octadecadienoate	294	C19H34O2	1000336-43-4	38
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	20
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	18
4	2-Cyanomethylcyclohexanecarboxyl...	181	C10H15NO2	1000186-80-0	18
5	Borneol, trifluoroacetate (ester)	250	C12H17F3O2	028587-55-5	15





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TIC Library : C:\DATABASE\NIST11.L
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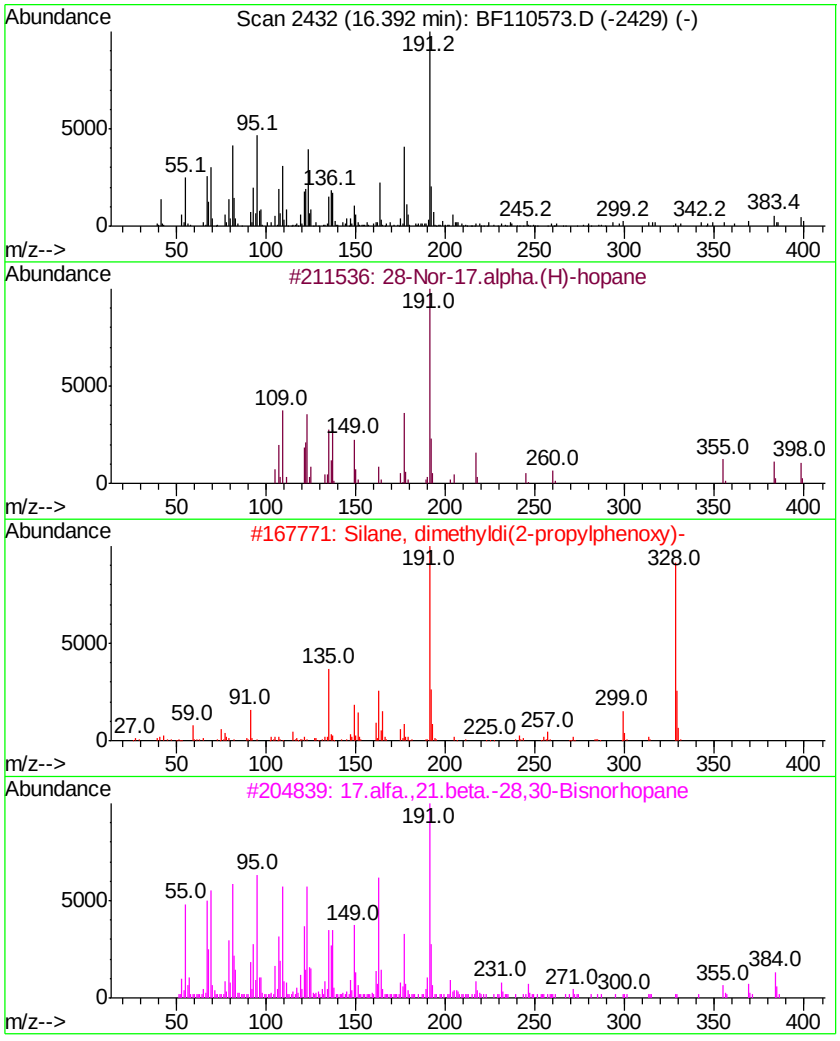
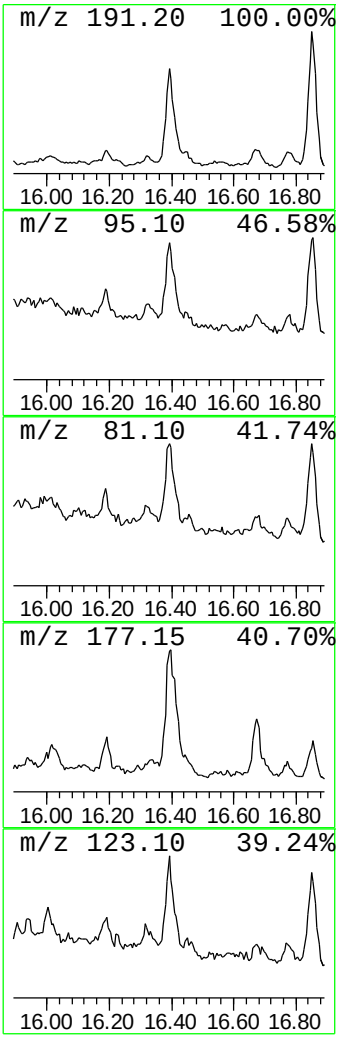
Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	40.60 ng	432018	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	86
2	Silane, dimethyldi(2-propylpheno...	328	C20H28O2Si	1000347-41-8	38
3	17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	38
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	35
5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32





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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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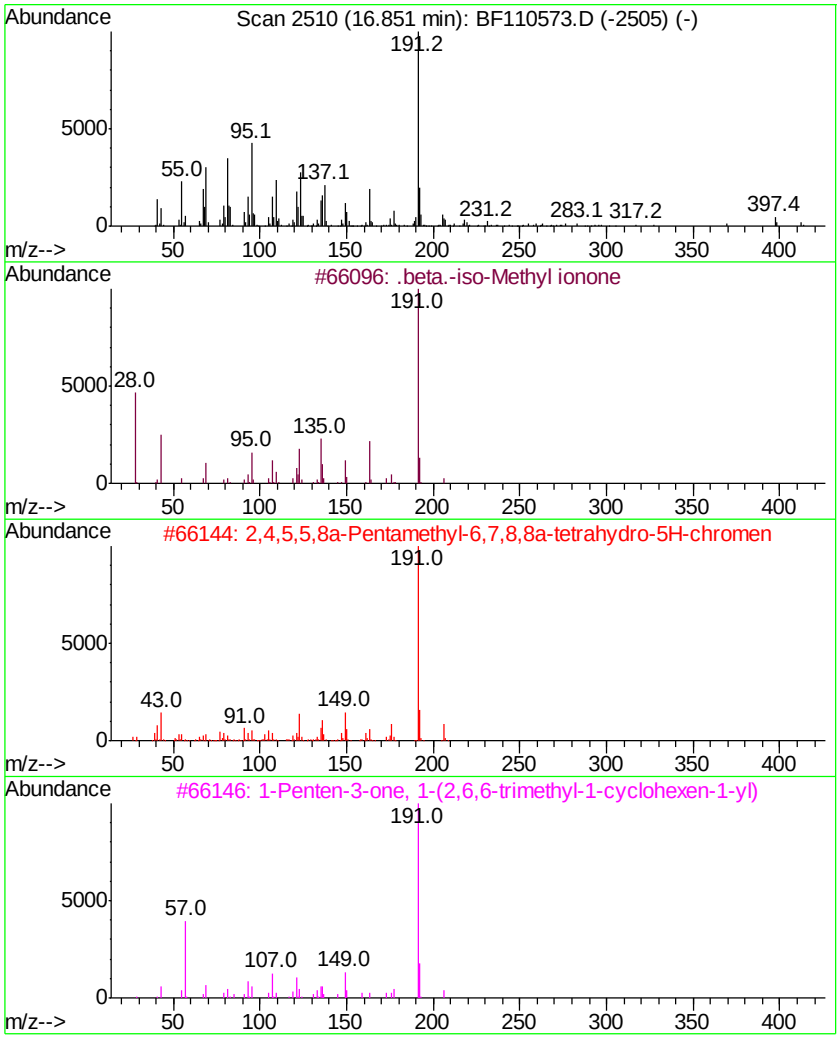
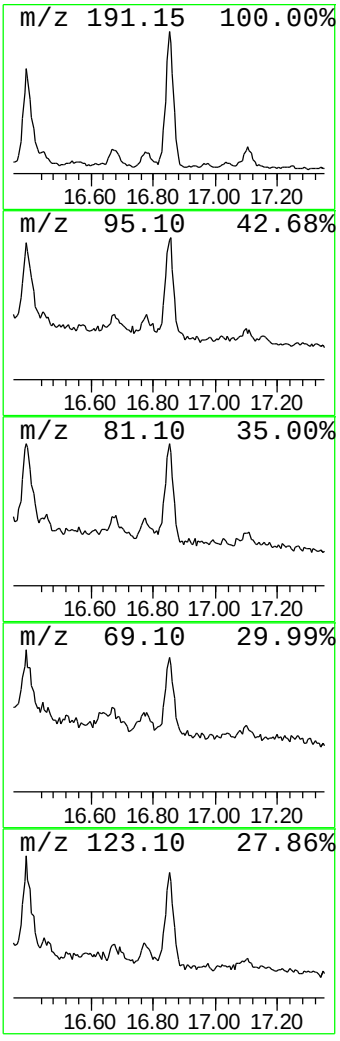
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	52.72 ng	560899	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	38
5	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110718\
Data File : BF110573.D
Acq On : 7 Nov 2018 23:16
Operator : JU/SJ
Sample : J5835-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-OILY-DEBRI

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.22	28.1	ng	36989	1	6.96	26324	20.0
unknown6.73	6.73	39.6	ng	52086	1	6.96	26324	20.0
Cyclohexanone, 3-...	8.73	27.5	ng	32400	2	8.24	23577	20.0
Cyclopentanecarbo...	8.90	26.0	ng	30690	2	8.24	23577	20.0
unknown9.07	9.07	19.5	ng	23002	2	8.24	23577	20.0
Decane, 1,1'-oxybis-	9.49	46.0	ng	103405	3	10.00	44955	20.0
unknown9.69	9.69	16.6	ng	37282	3	10.00	44955	20.0
unknown9.94	9.94	17.2	ng	38599	3	10.00	44955	20.0
unknown10.40	10.40	20.0	ng	45029	3	10.00	44955	20.0
2-Thiopheneacetic...	10.46	23.7	ng	53353	3	10.00	44955	20.0
unknown10.51	10.51	22.1	ng	49635	3	10.00	44955	20.0
unknown11.12	11.12	54.0	ng	70006	4	11.49	25912	20.0
unknown11.16	11.16	20.0	ng	25912	4	11.49	25912	20.0
unknown11.85	11.85	50.1	ng	64978	4	11.49	25912	20.0
Thiophene, 2-heptyl-	11.92	65.0	ng	84164	4	11.49	25912	20.0
Benzene, (1-methy...	12.27	244.9	ng	317271	4	11.49	25912	20.0
unknown15.80	15.80	20.0	ng	212800	6	15.68	212800	20.0
28-Nor-17.alpha.(...	16.39	40.6	ng	432018	6	15.68	212800	20.0
.beta.-iso-Methyl...	16.85	52.7	ng	560899	6	15.68	212800	20.0