LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096182.D
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

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-BF060517.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	1.540	7	9	24	rVB	144747	266690	2.34%	0.590%
2	4.581	492	526	528	rBV	1767082	11402974	100.00%	25.228%
3	6.822	903	907	918	rVB	111449	163951	1.44%	0.363%
4	6.951	925	929	934	rVV	108805	223953	1.96%	0.495%
5	6.992	934	936	946	rVB3	74394	133625	1.17%	0.296%
6	7.263	978	982	992	rBV	256904	378544	3.32%	0.837%
7	7.492	1009	1021	1033	rBV	903163	1424942	12.50%	3.153%
8	8.151	1127	1133	1135	rBV2	125734	180205	1.58%	0.399%
9	8.186	1135	1139	1153	rVB	587145	952339	8.35%	2.107%
10	8.798	1235	1243	1246	rBV3	63328	121120	1.06%	0.268%
11	9.045	1281	1285	1291	rVV2	105394	131246	1.15%	0.290%
12	9.292	1319	1327	1332	rBV	373317	540821	4.74%	1.197%
13	9.392	1340	1344	1349	rVB3	112093	163724	1.44%	0.362%
14	9.516	1359	1365	1372	rBV3	102205	186567	1.64%	0.413%
15	9.722	1394	1400	1404	rBV	125041	165180	1.45%	0.365%
16	10.110	1459	1466	1468	rBV4	55762	116185	1.02%	0.257%
17	10.210	1477	1483	1490	rBV	328629	545083	4.78%	1.206%
18	10.463	1523	1526	1533	rVB5	99857	185178	1.62%	0.410%
19	10.598	1546	1549	1555	rVB2	86603	141982	1.25%	0.314%
20	10.657	1555	1559	1561	rBV3	81453	116247	1.02%	0.257%
21	10.686	1561	1564	1567	rBV	127439	160442	1.41%	0.355%
22	10.722	1567	1570	1575	rBV3	98362	170767	1.50%	0.378%
23	10.863	1587	1594	1600	rBV2	412744	1096635	9.62%	2.426%
24	10.939	1603	1607	1611	rVV	489122	689216	6.04%	1.525%
25	11.016	1617	1620	1623	rBV2	143905	226448	1.99%	0.501%
26	11.080	1626	1631	1636	rVB	1488918	2122409	18.61%	4.696%
27	11.127	1636	1639	1641	rBV2	135279	151706	1.33%	0.336%
28	11.163	1641	1645	1649	rBV5	164245	275727	2.42%	0.610%
29	11.210	1649	1653	1661	rVB2	582174	966357	8.47%	2.138%
30	11.310	1667	1670	1673	rBV3	171105	206274	1.81%	0.456%
31	11.410	1683	1687	1688	rBV	256658	326721	2.87%	0.723%
32	11.439	1688	1692	1697	rVB2	993719	1583042	13.88%	3.502%
33	11.504	1698	1703	1710	rBV3	528033	1107481	9.71%	2.450%
34	11.557	1710	1712	1715	rVB	169306	169587	1.49%	0.375%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.763	1743	1747	1748	rBV2	137389	190750	1.67%	0.422%
36	11.904	1767	1771	1776	rBV5	185913	328843	2.88%	0.728%
37	12.145	1804	1812	1816	rBV2	769222	1628629	14.28%	3.603%
38	12.210	1819	1823	1825	rVV	386715	562049	4.93%	1.243%
39	12.245	1825	1829	1832	rVB	1061059	1225088	10.74%	2.710%
40	12.345	1842	1846	1849	rBV	530323	682736	5.99%	1.510%
41	12.380	1849	1852	1855	rVB3	204087	255924	2.24%	0.566%
42	12.521	1873	1876	1877	rBV2	170997	205102	1.80%	0.454%
43	12.998	1952	1957	1960	rBV	994512	1383506	12.13%	3.061%
44	13.104	1969	1975	1980	rVB3	820537	1412605	12.39%	3.125%
45	14.080	2136	2141	2145	rVB	1399830	2154129	18.89%	4.766%
46	14.133	2147	2150	2155	rVB2	634782	785062	6.88%	1.737%
47	14.186	2155	2159	2164	rBV3	408179	702366	6.16%	1.554%
48	14.686	2240	2244	2248	rBV	877478	1248727	10.95%	2.763%
49	14.745	2251	2254	2257	rVB2	405674	504931	4.43%	1.117%
50	15.280	2341	2345	2349	rBV	1073313	1621512	14.22%	3.587%
51	15.357	2355	2358	2364	rVB	780501	1116951	9.80%	2.471%
52	16.198	2497	2501	2506	rBV2	999808	1515649	13.29%	3.353%
53	16.668	2577	2581	2584	rBV	604652	882181	7.74%	1.952%

Sum of corrected areas: 45200108

LSC Report - Integrated Chromatogram

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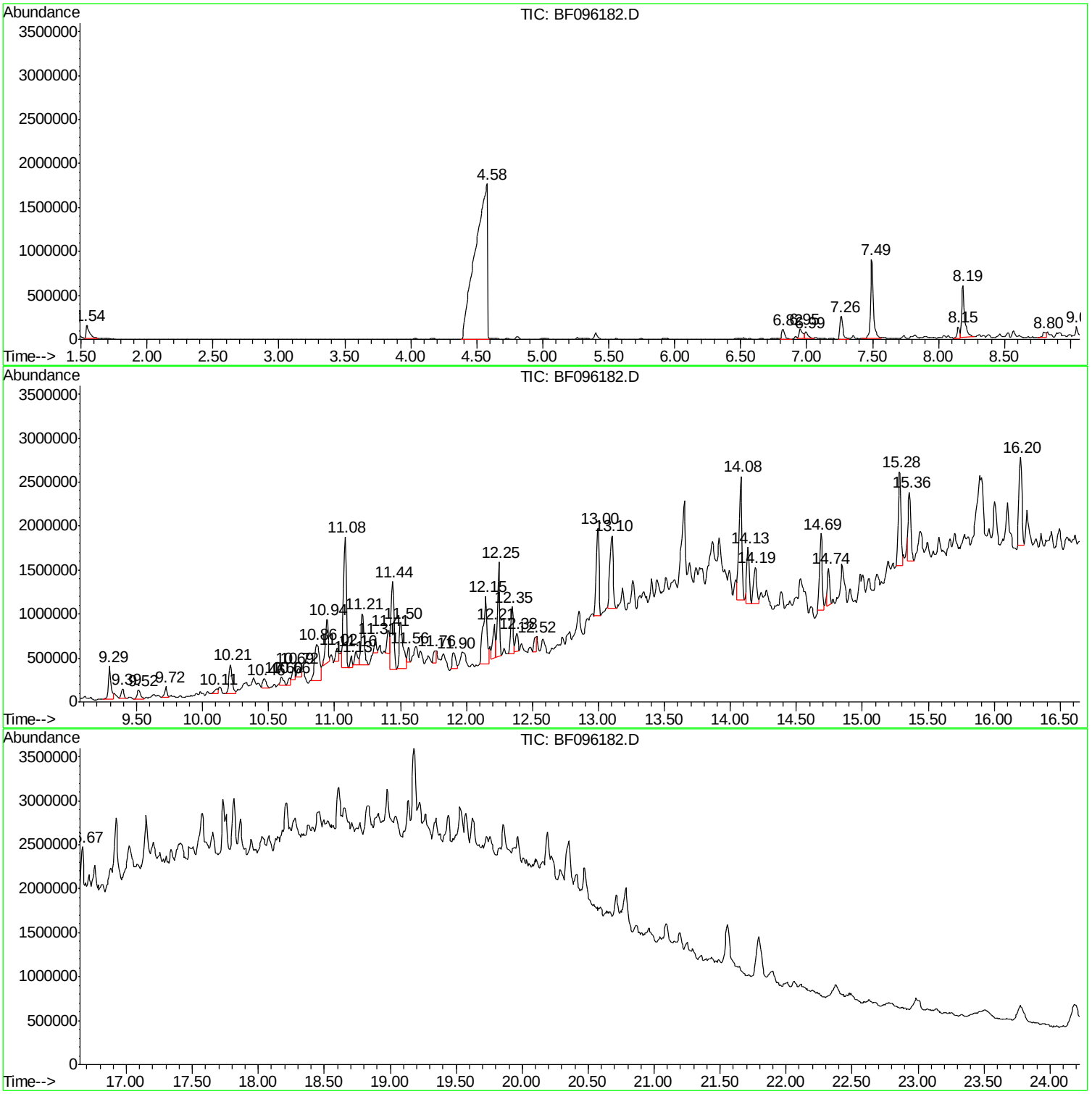
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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\BF062417\
Data File : BF096182.D
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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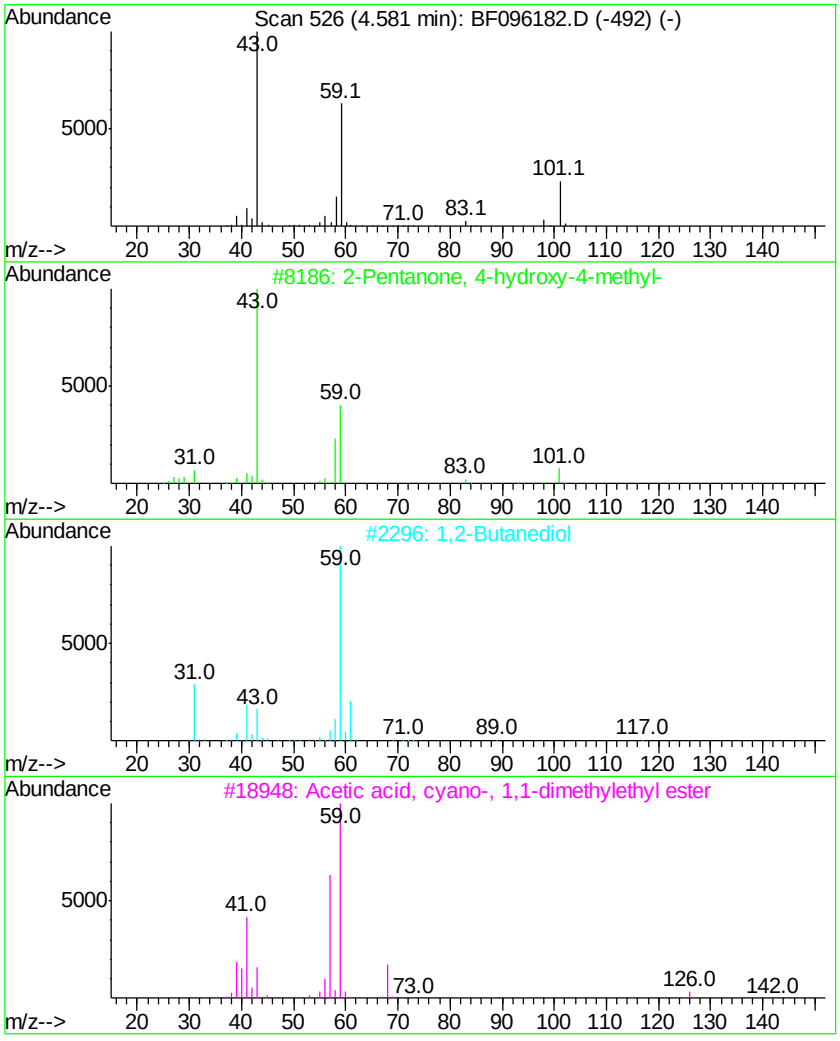
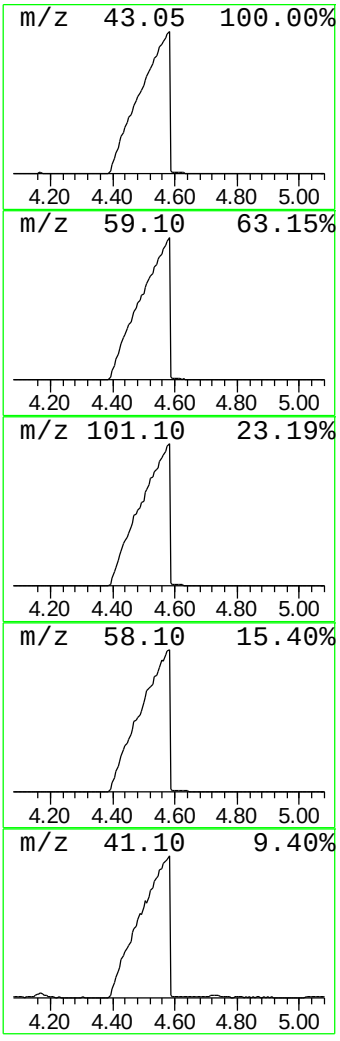
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	602.47 ng	11403000	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF096182.D
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

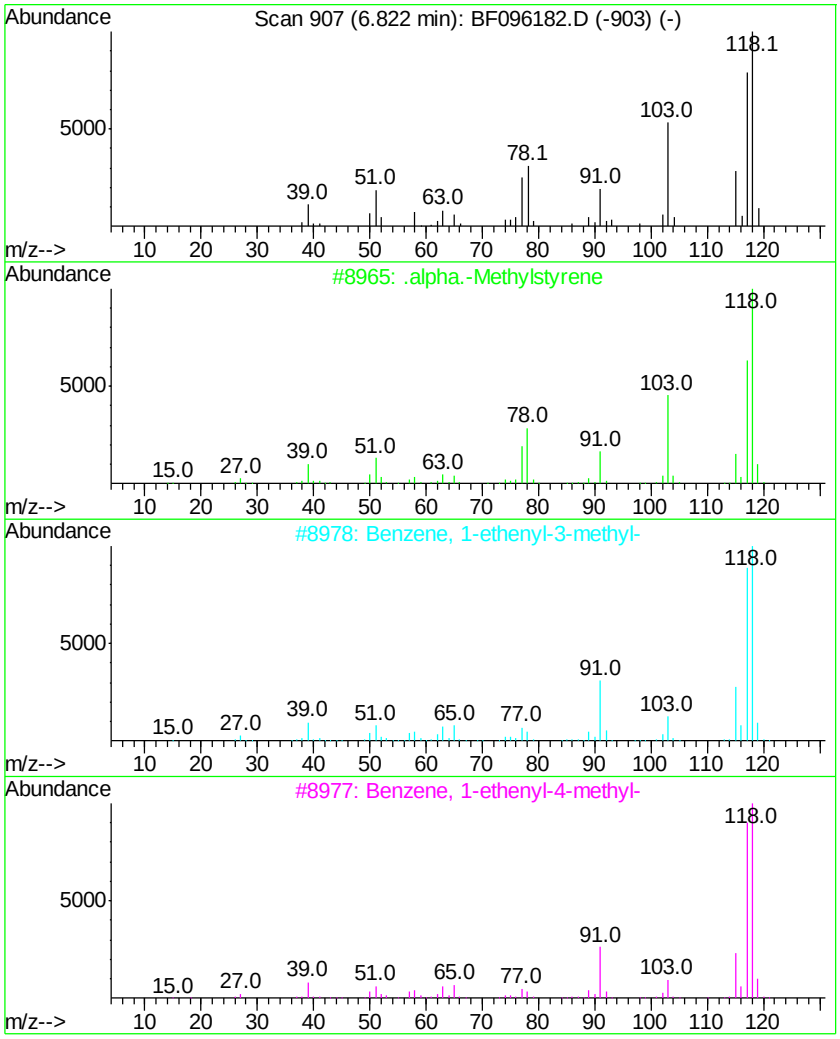
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

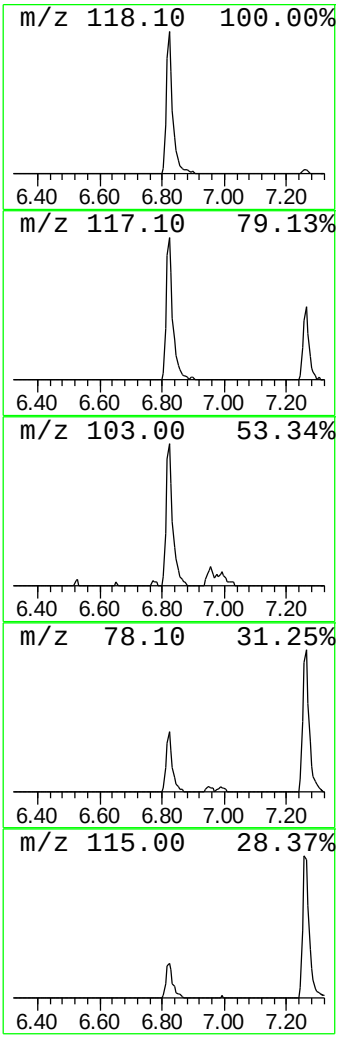
****

Peak Number 3 .alpha.-Methylstyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	8.66 ng	163951	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	97
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	58
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
4	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	53
5	Acetic acid, chloro-, 3-phenylpr...	212	C11H13ClO2	064046-48-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096182.D
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

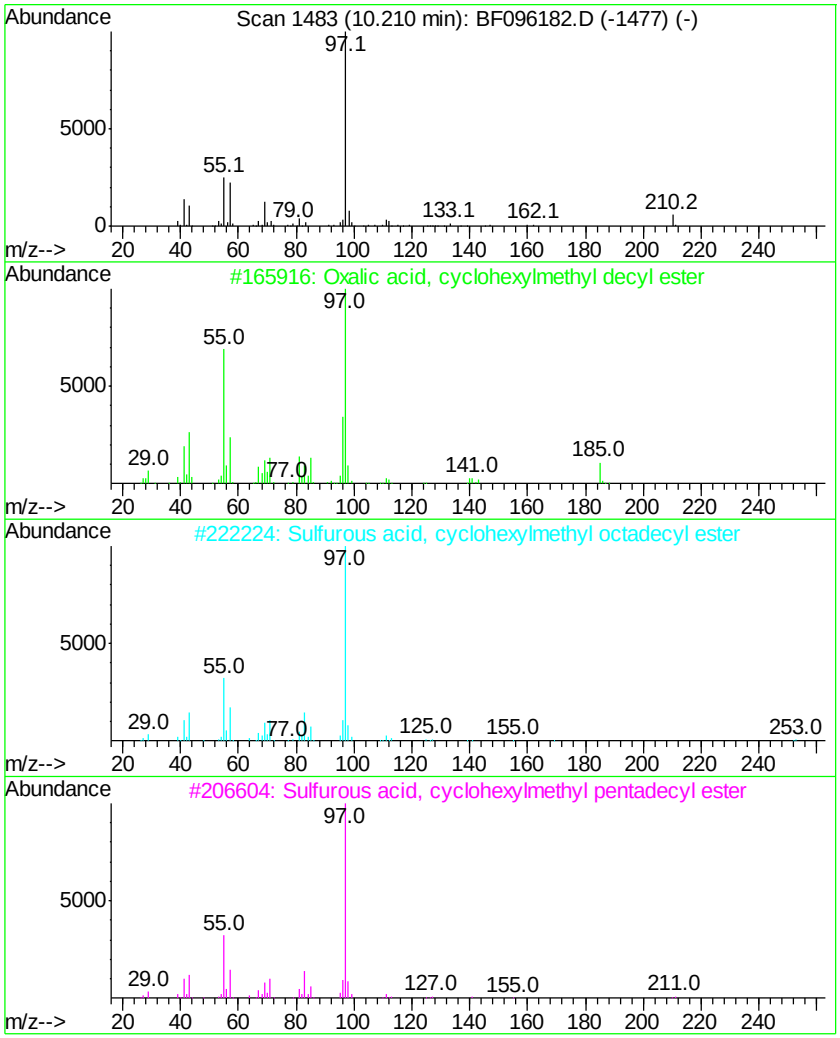
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

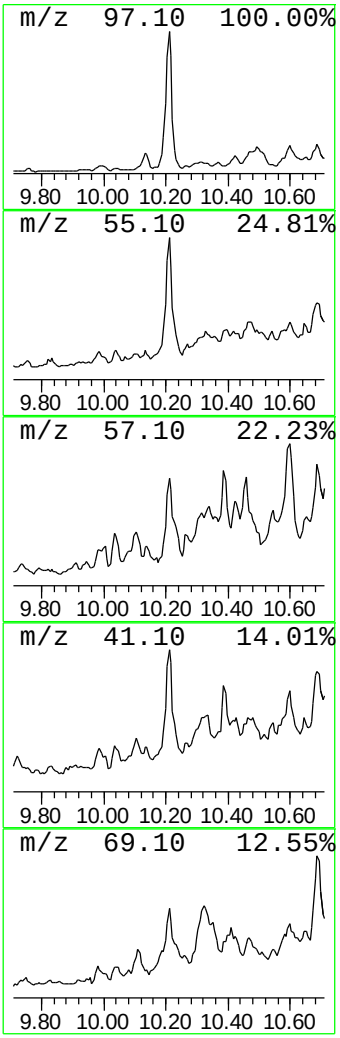
****

Peak Number 5 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	20.16 ng	545083	Naphthalene-d8	9.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	64
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
3	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
5	2H-Pyran-4-carboxylic acid, 3,4-...	170	C9H14O3	038858-64-9	40





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Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

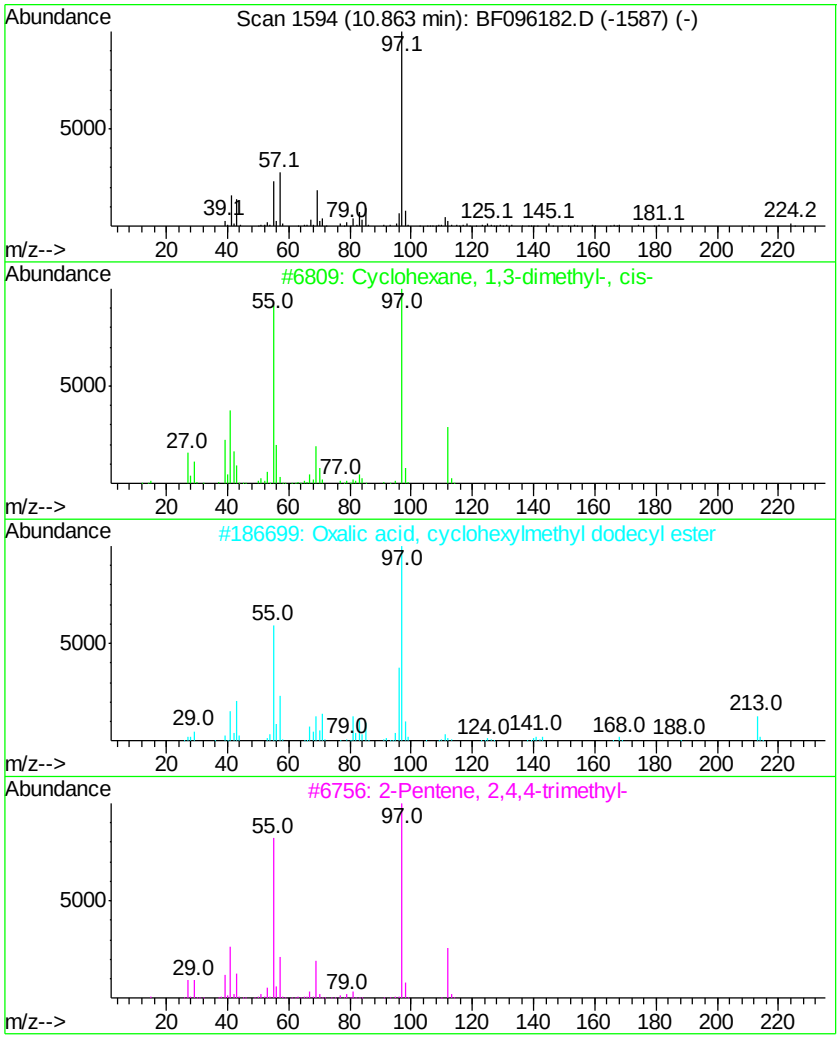
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

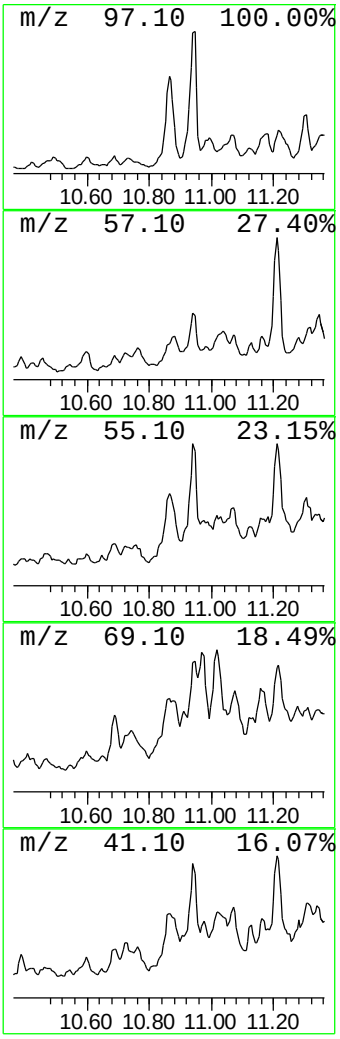
****

Peak Number 6 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	13.47 ng	1096640	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2	Oxalic acid, cyclohexylmethyl do...	354	C21H38O4	1000309-68-9	64
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
4	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	59
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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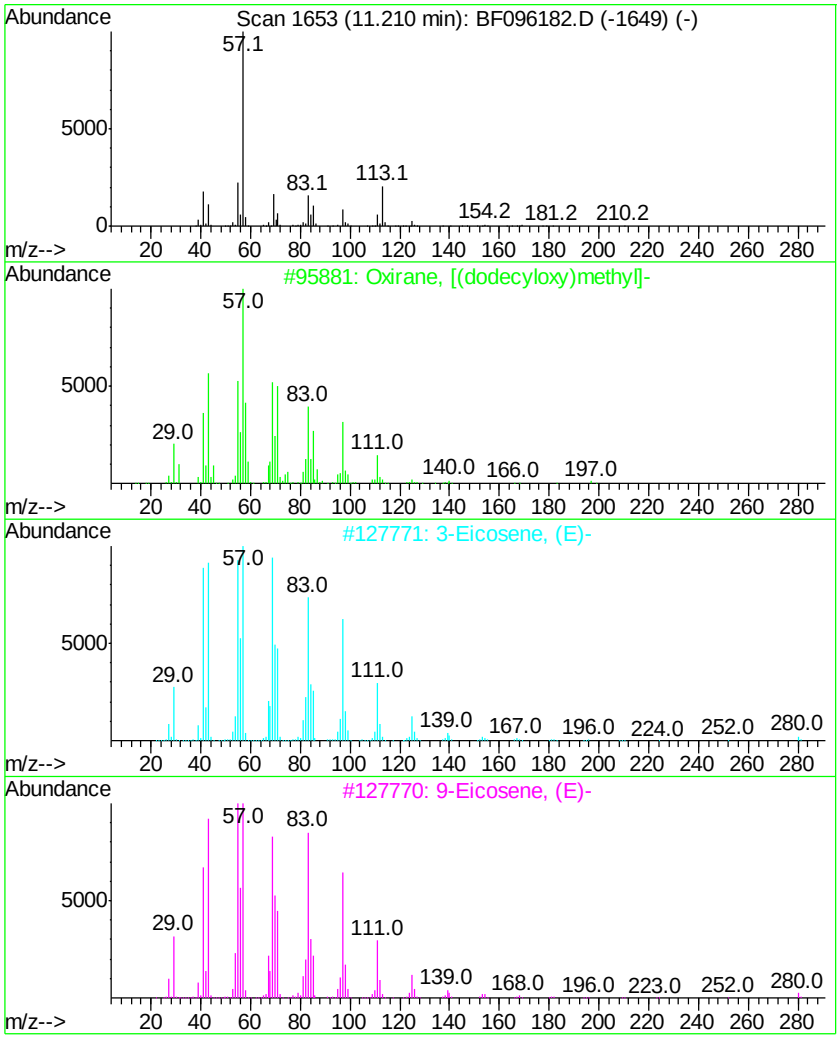
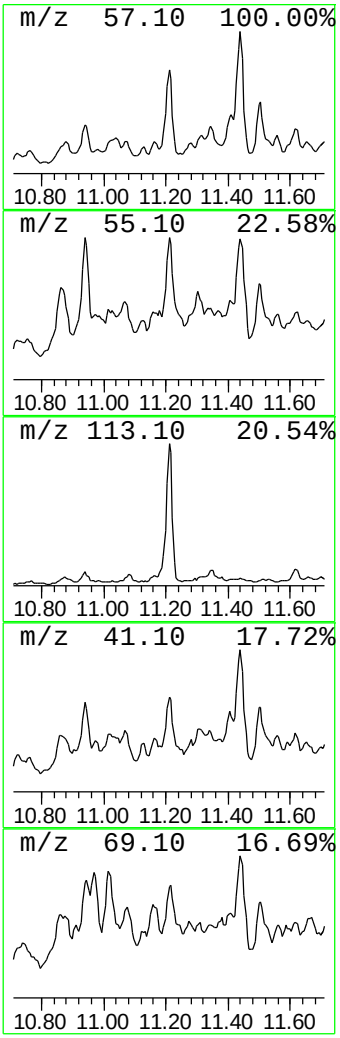
****

Peak Number 7 unknown11.21 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	11.87 ng	966357	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	38
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	38
4	17-Pentatriacontene	491	C35H70	006971-40-0	35
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	32





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Instrument : BNA_F
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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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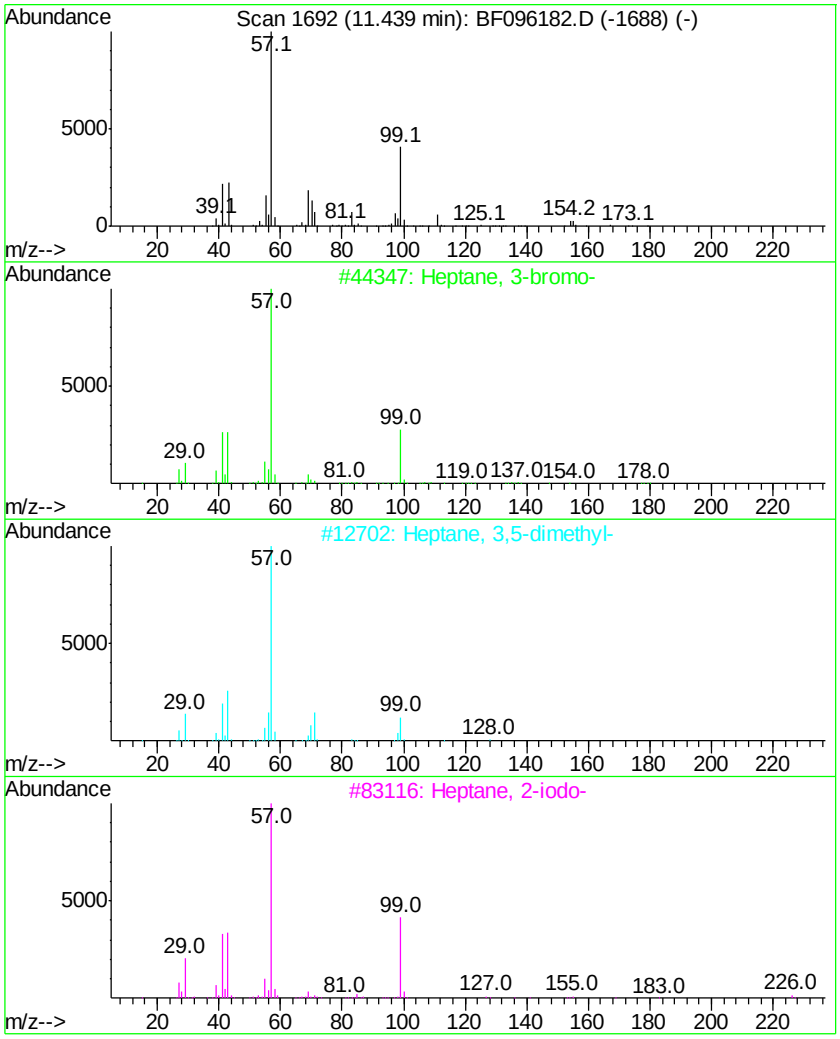
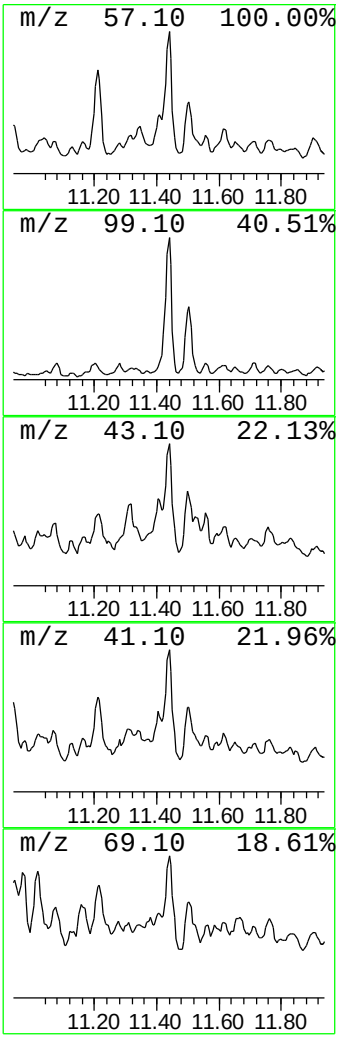
Peak Number 8 Heptane, 3-bromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	19.44 ng	1583040	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	50
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	42
3	Heptane, 2-iodo-	226	C7H15I	018589-29-2	38
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	28
5	2-Butanol, 3-(1,3,3-trimethylbut...	188	C11H24O2	074810-44-9	28





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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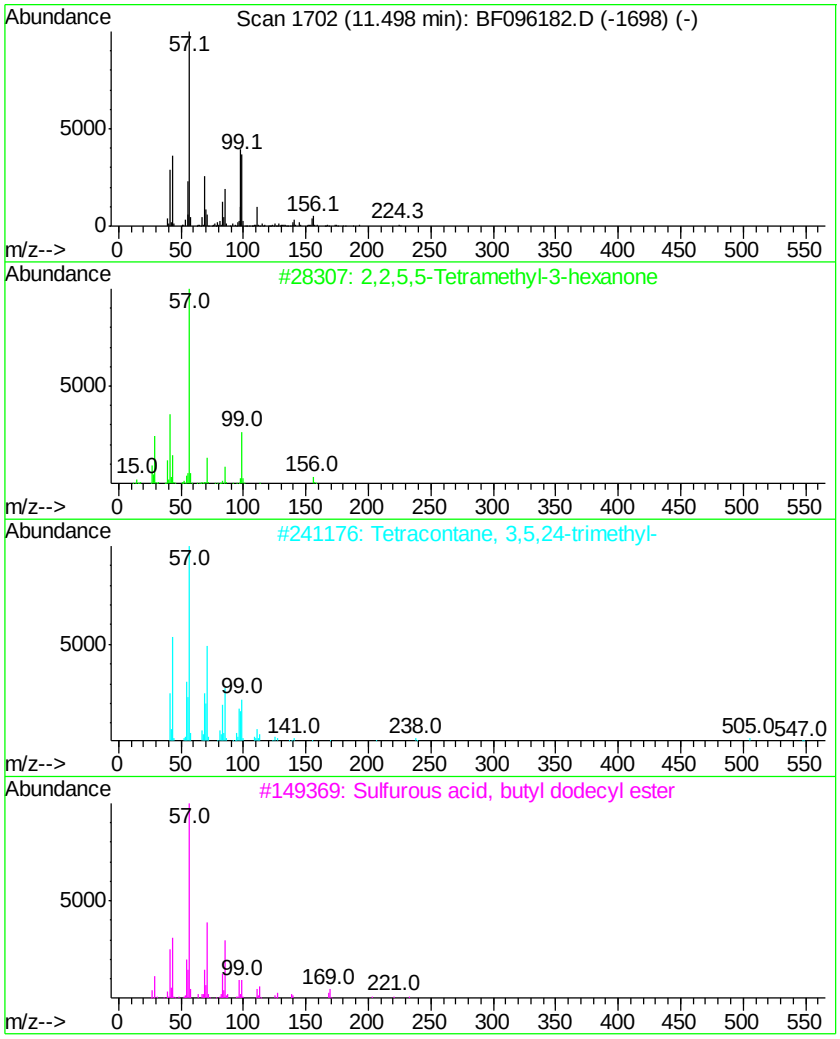
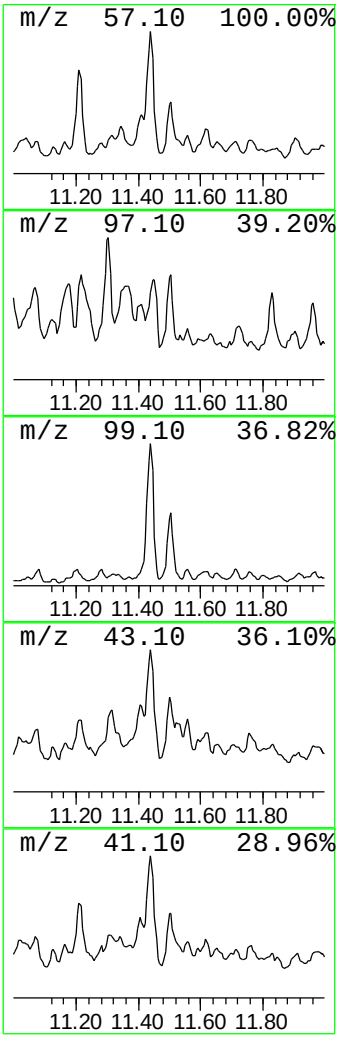
Peak Number 9 unknown11.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	13.60 ng	1107480	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	35
2	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	32
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
4	Tetratetracontane	619	C44H90	007098-22-8	25
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096182.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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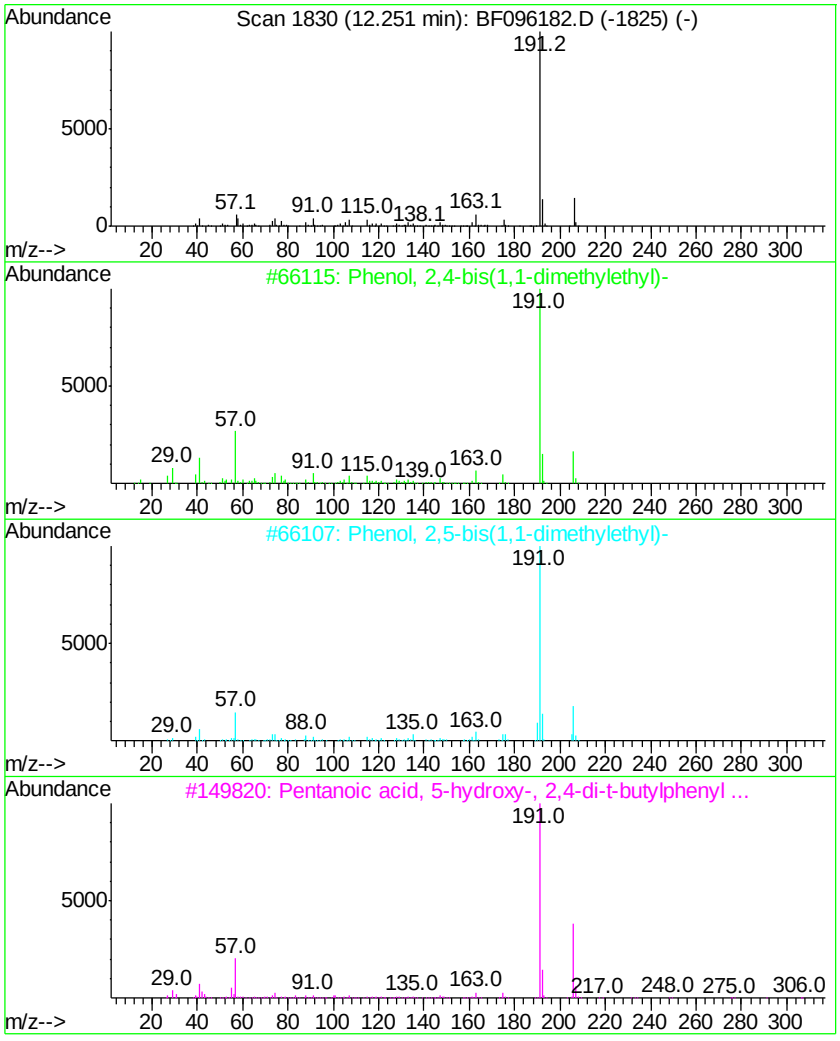
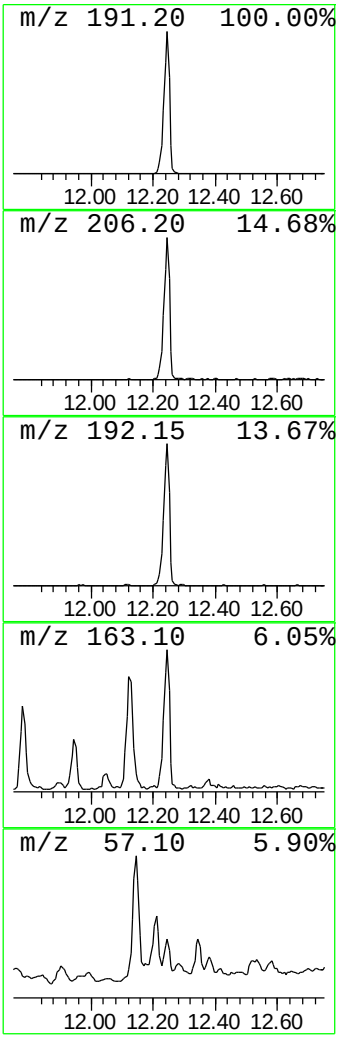
Peak Number 10 Phenol, 2,4-bis(1,1-dimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	15.04 ng	1225090	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	97
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	91
3	Pentanoic acid, 5-hydroxy-, 2,4-...	306	C19H30O3	166273-38-7	83
4	Pentanedioic acid, (2,4-di-t-but...	320	C19H28O4	1000164-44-5	83
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	64





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Data File : BF096182.D
Acq On : 24 Jun 2017 10:44
Operator : SJ/MA
Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

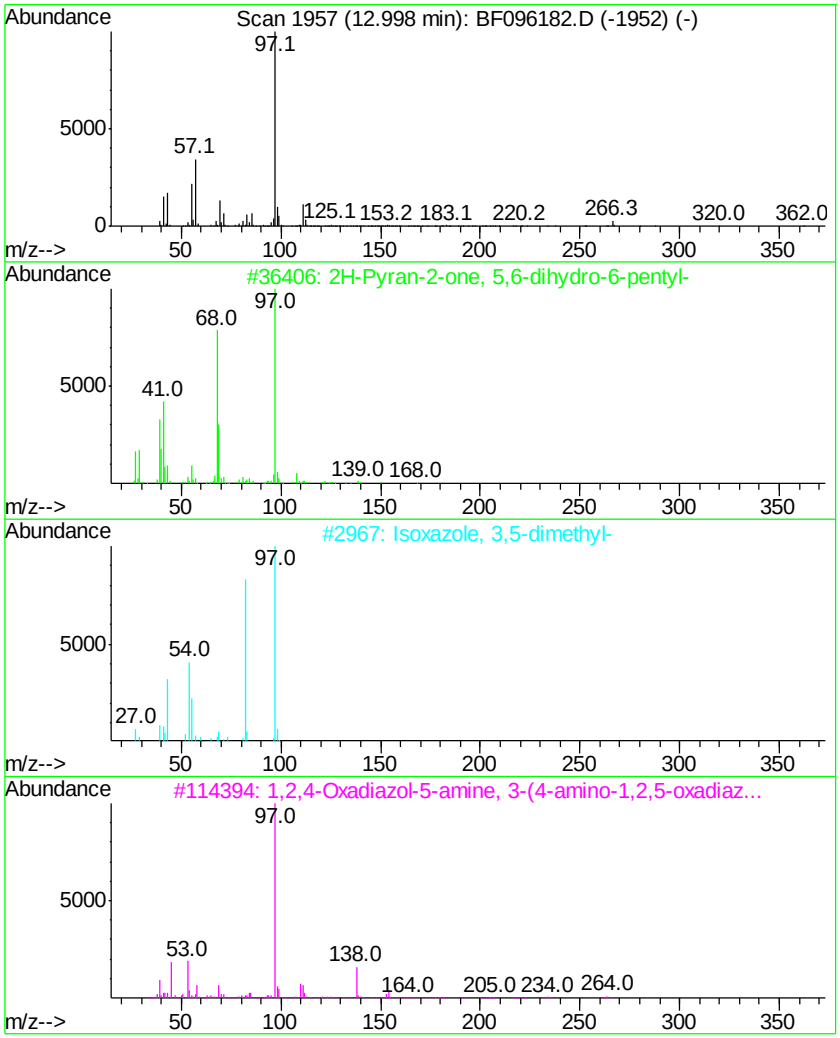
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

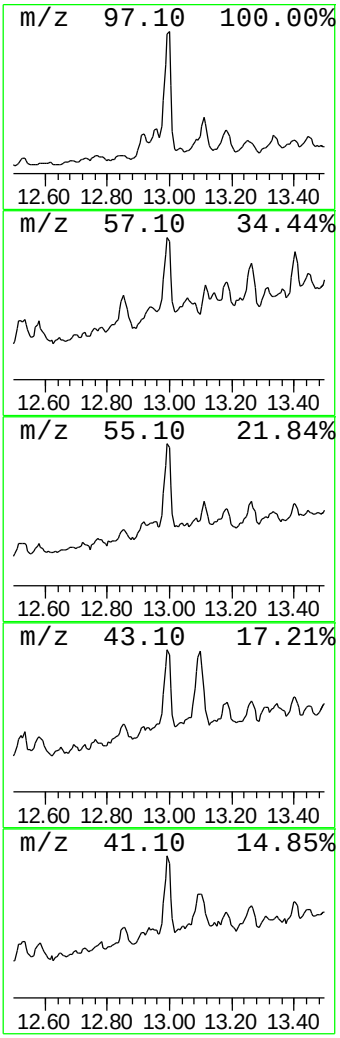
****

Peak Number 11 2H-Pyran-2-one, 5,6-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	16.99 ng	1383510	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	59
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
3	1,2,4-Oxadiazol-5-amine, 3-(4-am...	264	C9H8N6O2S	1000351-26-9	56
4	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	56
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	53





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Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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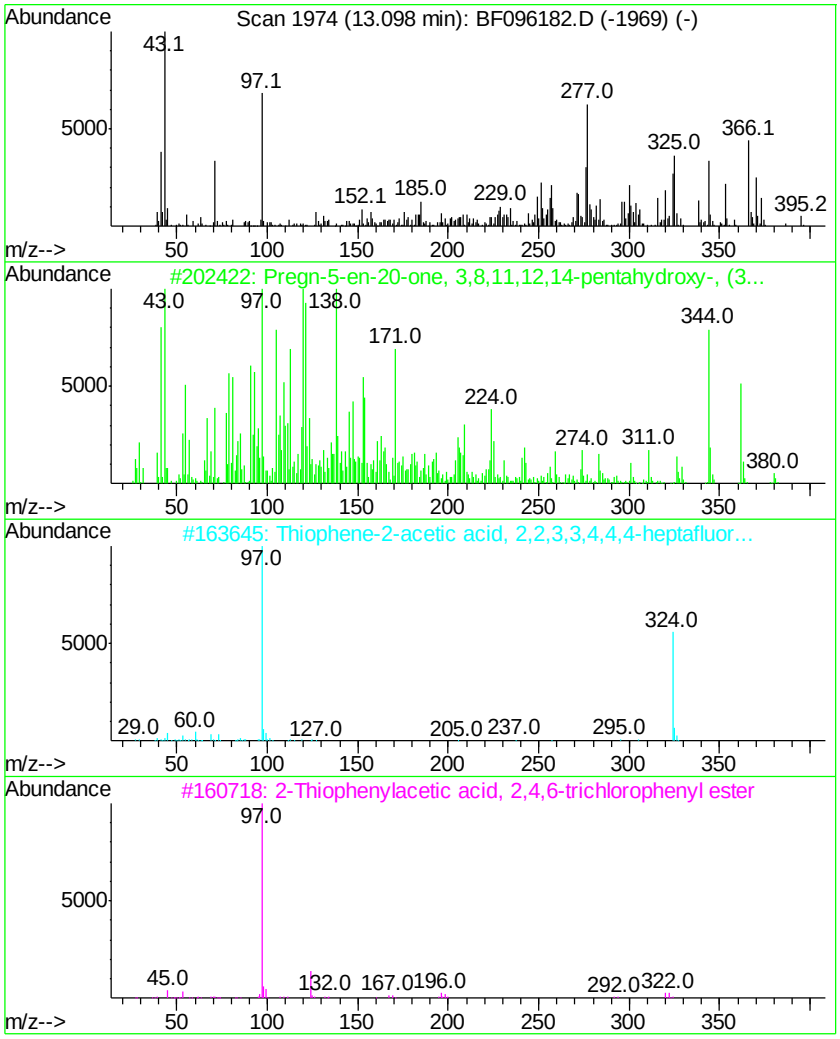
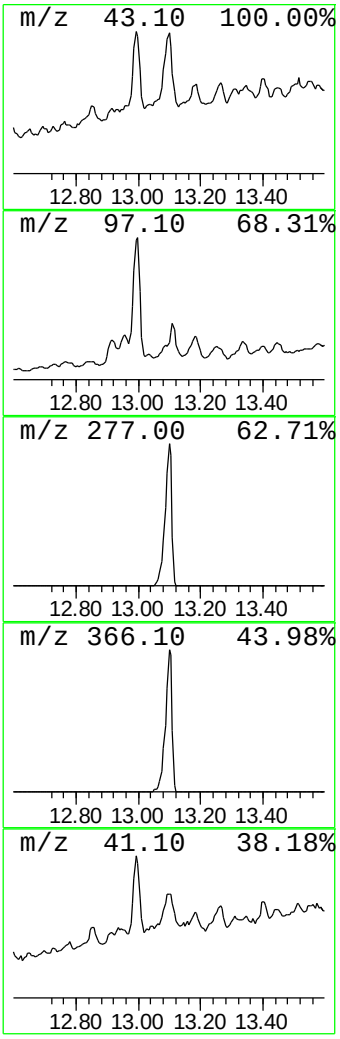
****

Peak Number 12 Pregn-5-en-20-one, 3,8,11,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	17.35 ng	1412610	Acenaphthene-d10	12.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-5-en-20-one, 3,8,11,12,14-...	380	C21H32O6	027828-84-8	90
2	Thiophene-2-acetic acid, 2,2,3,3...	324	C10H7F7O2S	1000330-95-9	27
3	2-Thiophenylacetic acid, 2,4,6-t...	320	C12H7Cl3O2S	1000325-72-0	20
4	N,N'-Bis(4,5-dihydro-3-furoyl)-m...	300	C16H16N2O4	1000243-32-6	14
5	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	14





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Sample : I3867-01
Misc :
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Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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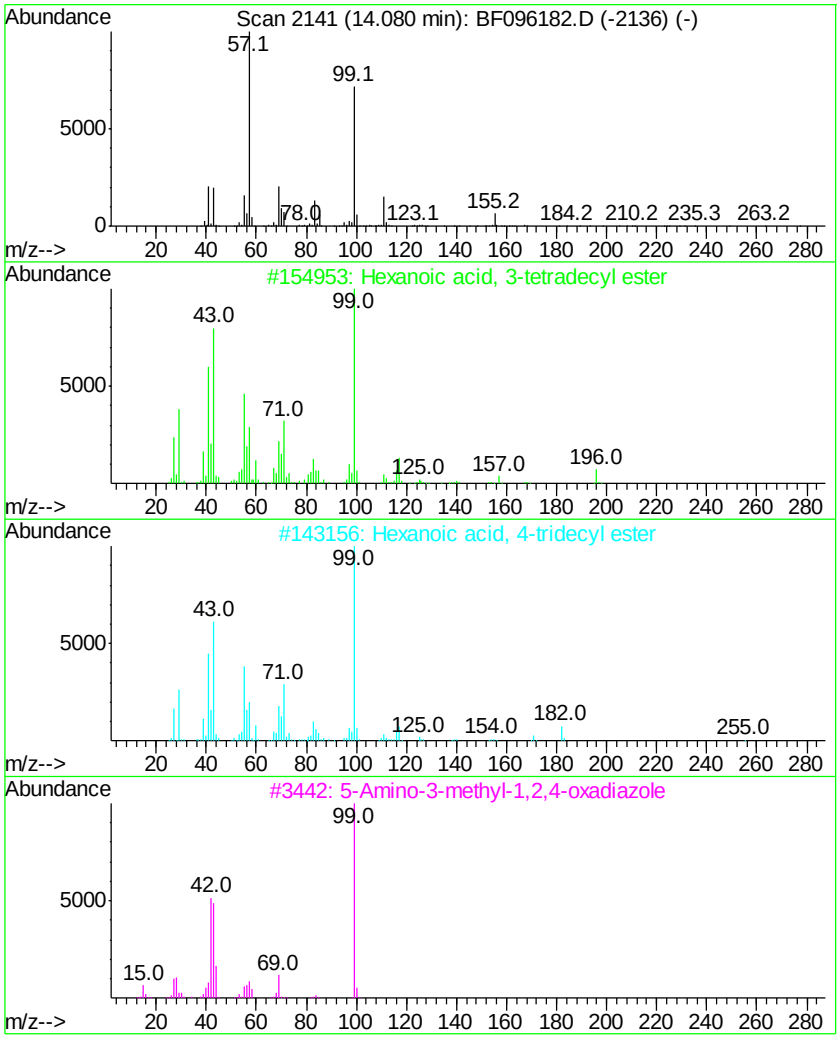
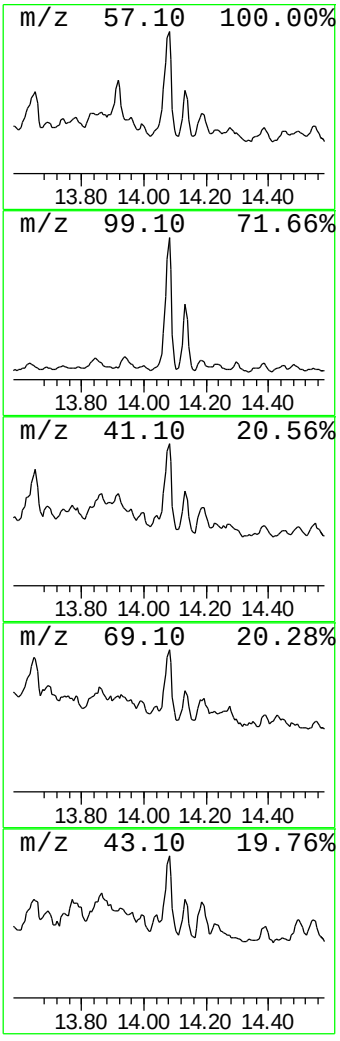
****

Peak Number 13 unknown14.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	34.50 ng	2154130	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	40
2	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	40
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	38
4	4-Octen-3-ol, 2,2-dimethyl-	156	C10H20O	053960-44-4	38
5	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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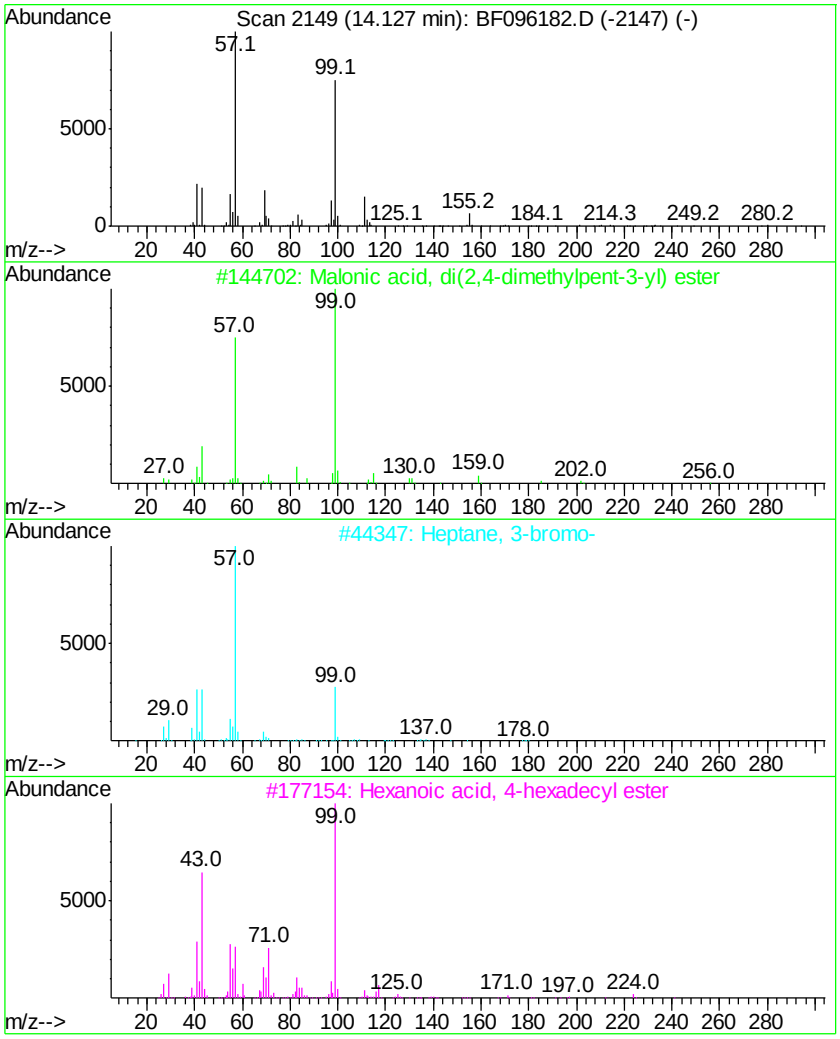
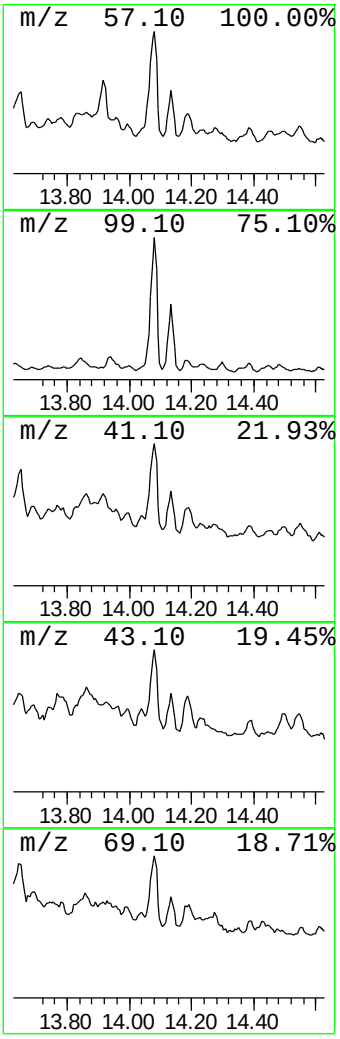
Peak Number 14 Malonic acid, di(2,4-dimeth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	12.57 ng	785062	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malonic acid, di(2,4-dimethylpen...	300	C17H32O4	1000349-02-5	59
2	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	53
3	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	50
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	42
5	Cyclohexanol, 1-ethyl-2,2-dimeth...	168	C11H20O	054345-64-1	42





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Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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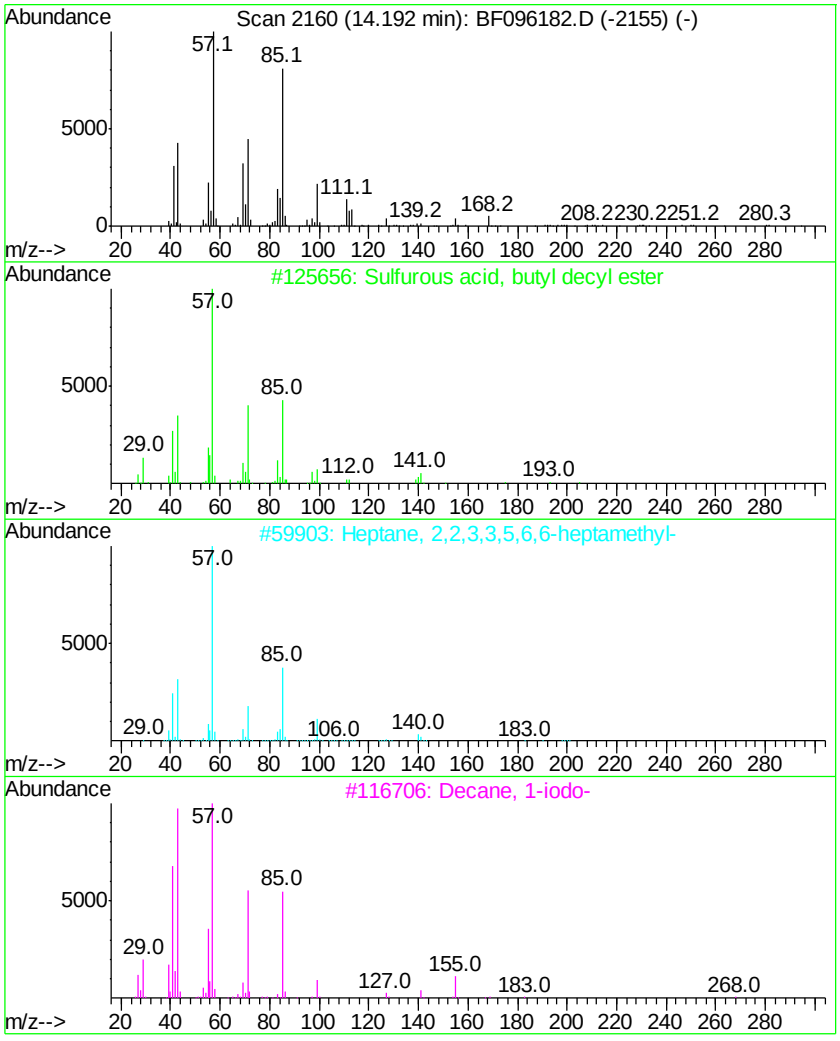
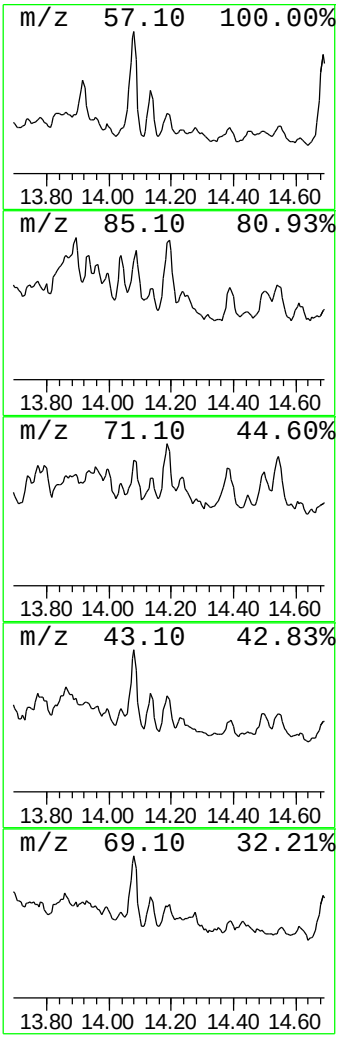
Peak Number 15 Sulfurous acid, butyl decyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	11.25 ng	702366	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	53
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
4	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	47
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47





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Sample : I3867-01
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

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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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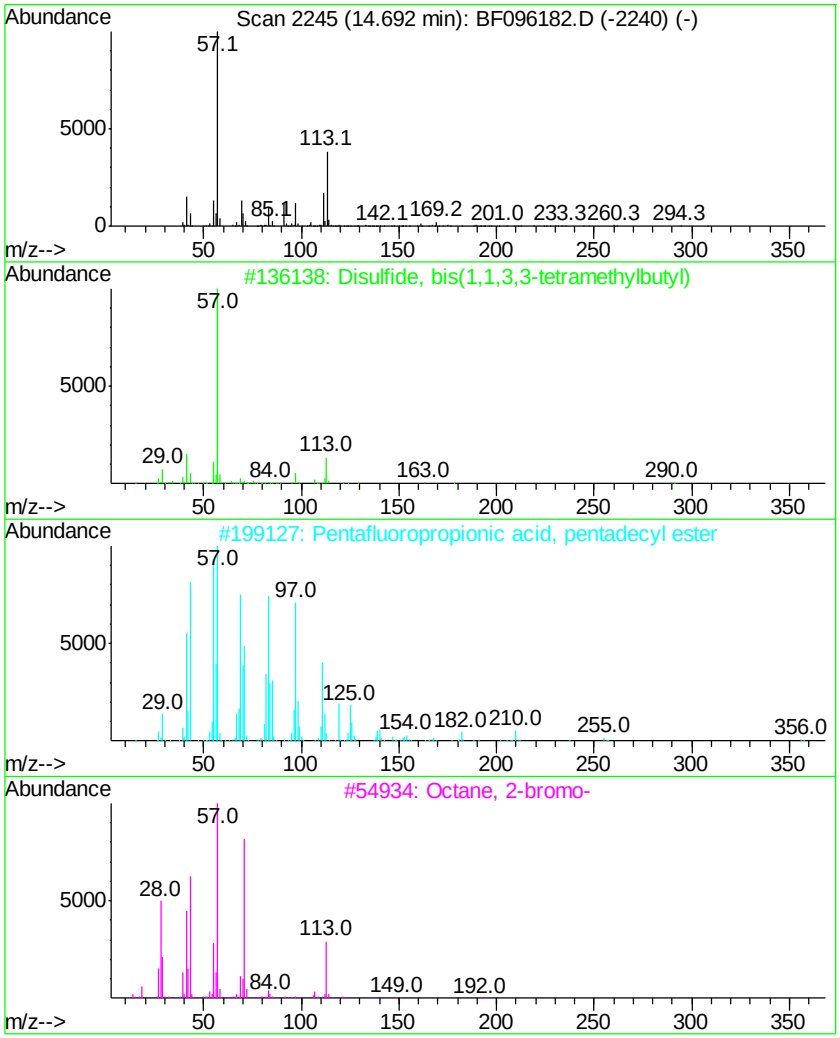
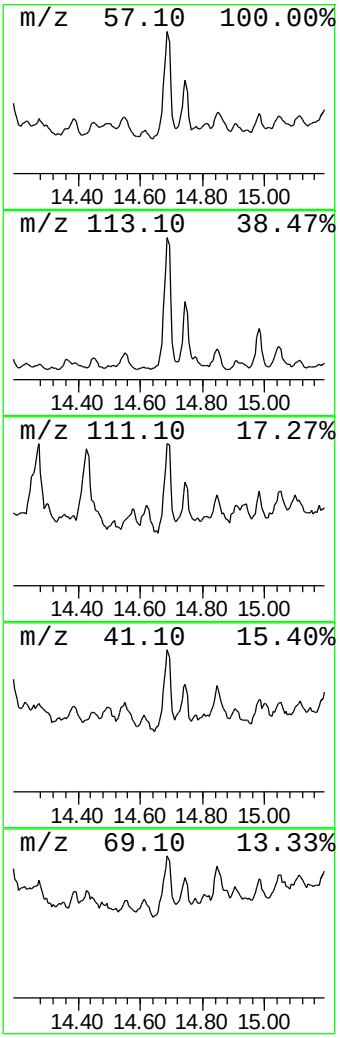
Peak Number 16 unknown14.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	20.00 ng	1248730	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	43
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	35
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	25
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	25





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Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

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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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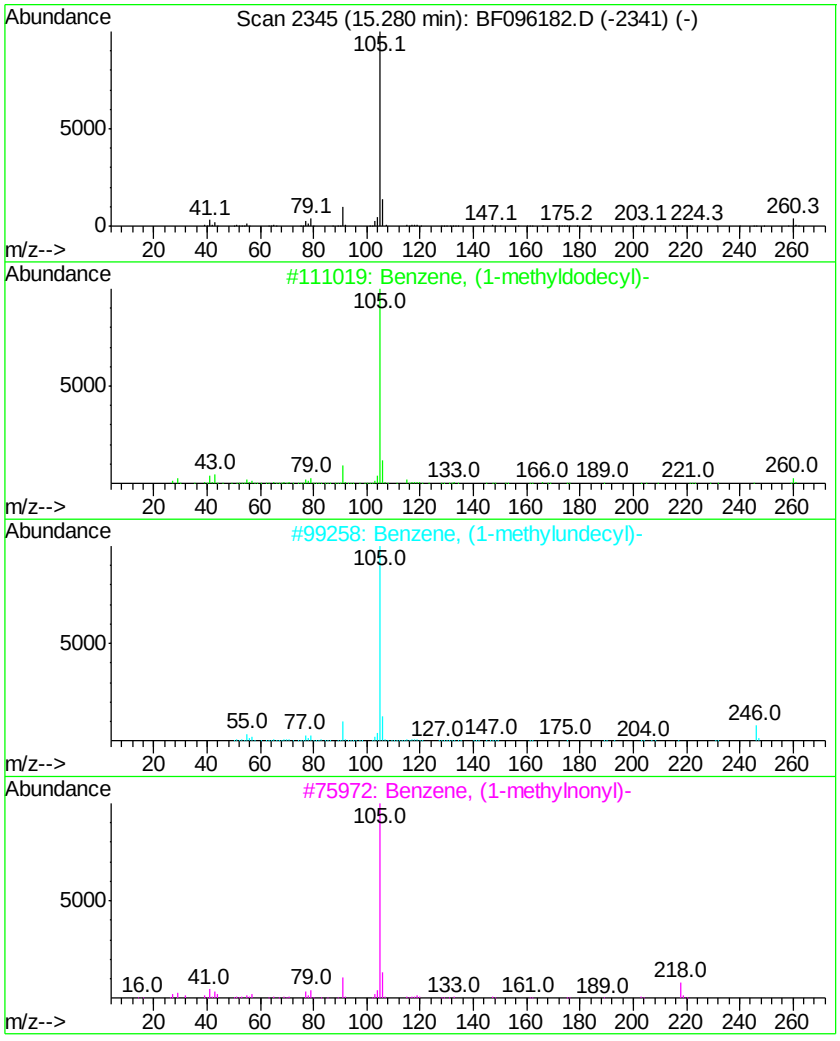
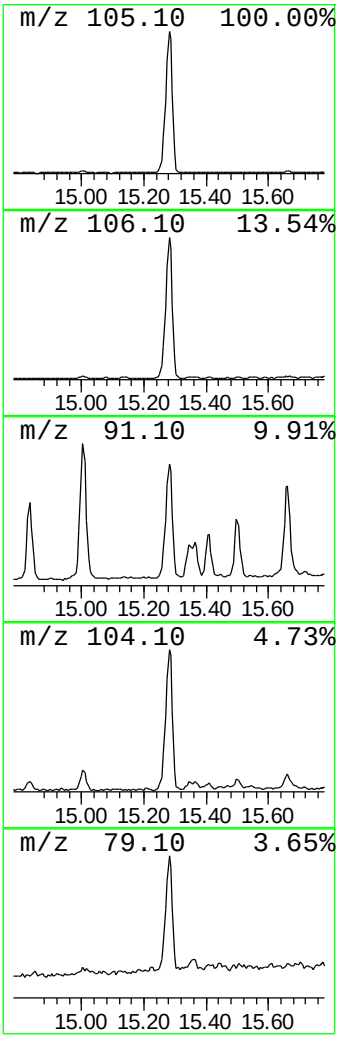
Peak Number 17 Benzene, (1-methyldodecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	25.97 ng	1621510	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
5	3-Benzoyl-4-benzyl-2-t-butyl-4-m...	351	C22H25NO3	1000193-73-3	40





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Sample : I3867-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A6229

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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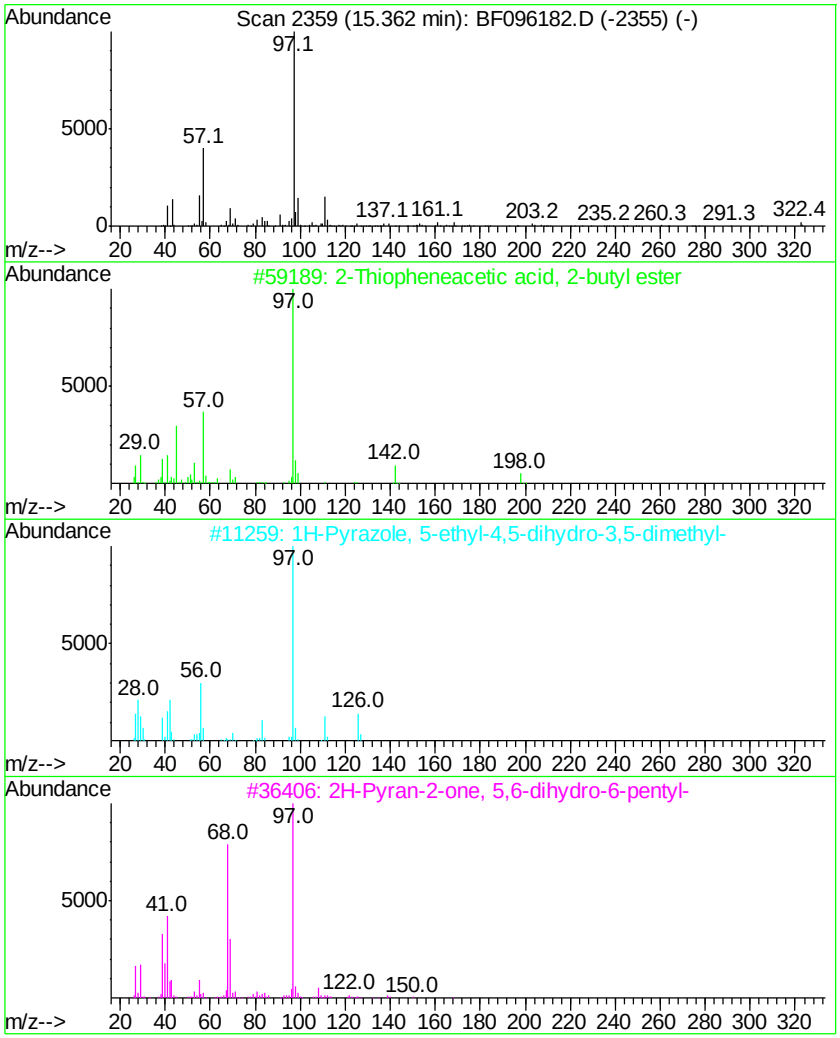
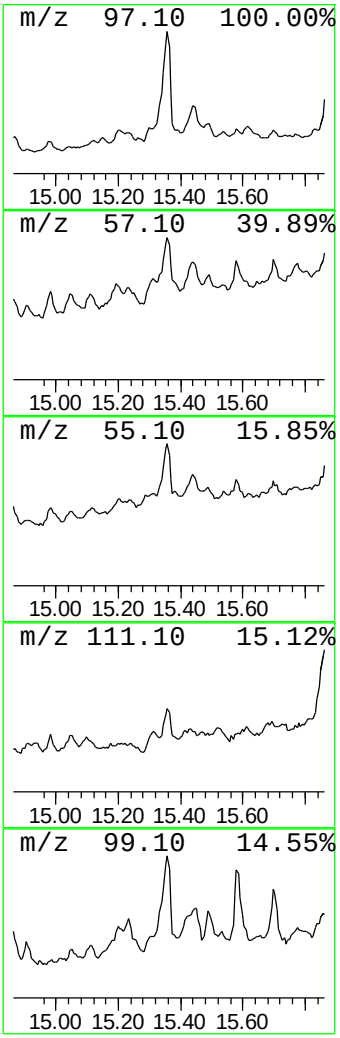
Peak Number 18 2-Thiopheneacetic acid, 2-b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	17.89 ng	1116950	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	64
2	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	64
3	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	64
4	2-Thiophenylacetic acid, 2-fluor...	236	C12H9FO2S	1000325-71-6	59
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	53





Library Search Compound Report

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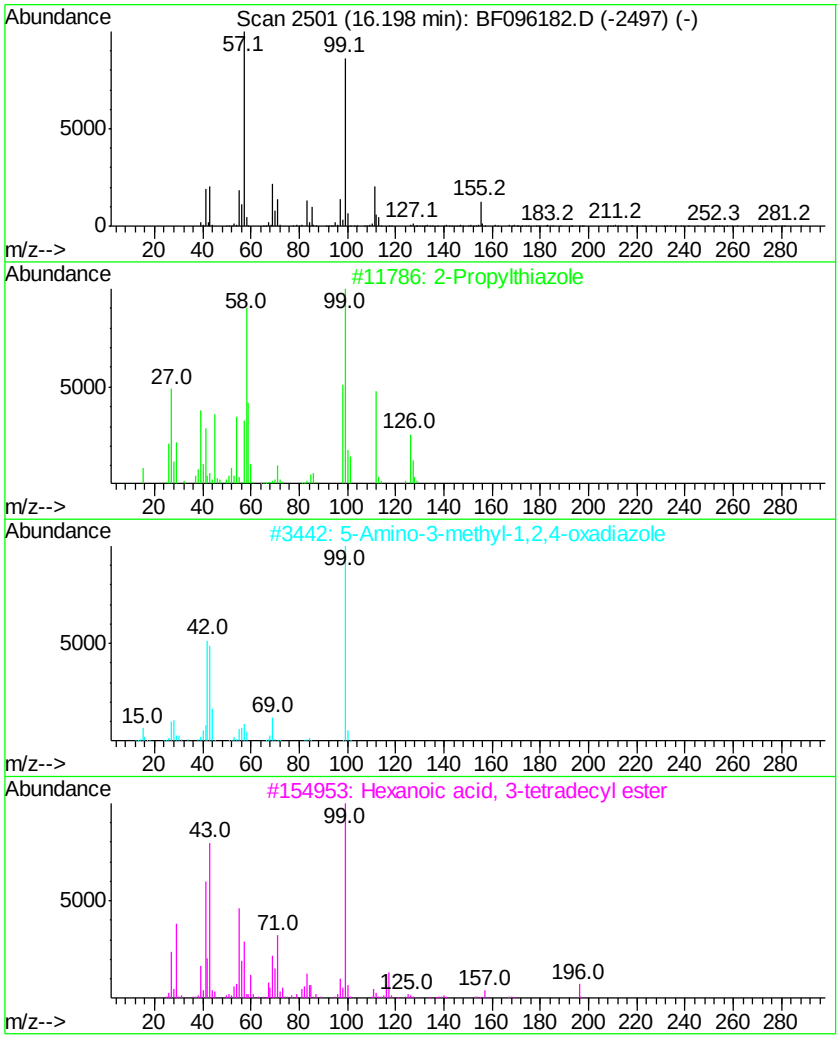
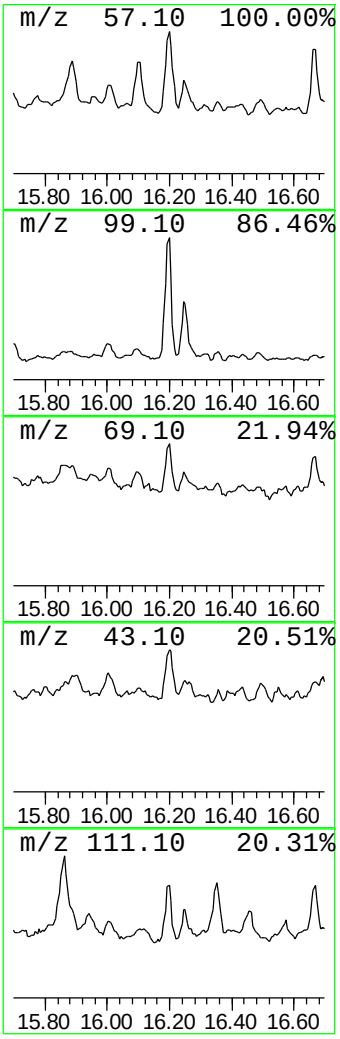
Peak Number 19 unknown16.20 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	24.28 ng	1515650	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propylthiazole	127	C6H9NS	017626-75-4	43
2	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
3	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	40
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	40
5	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	40





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TIC Library : C:\DATABASE\NIST11.L
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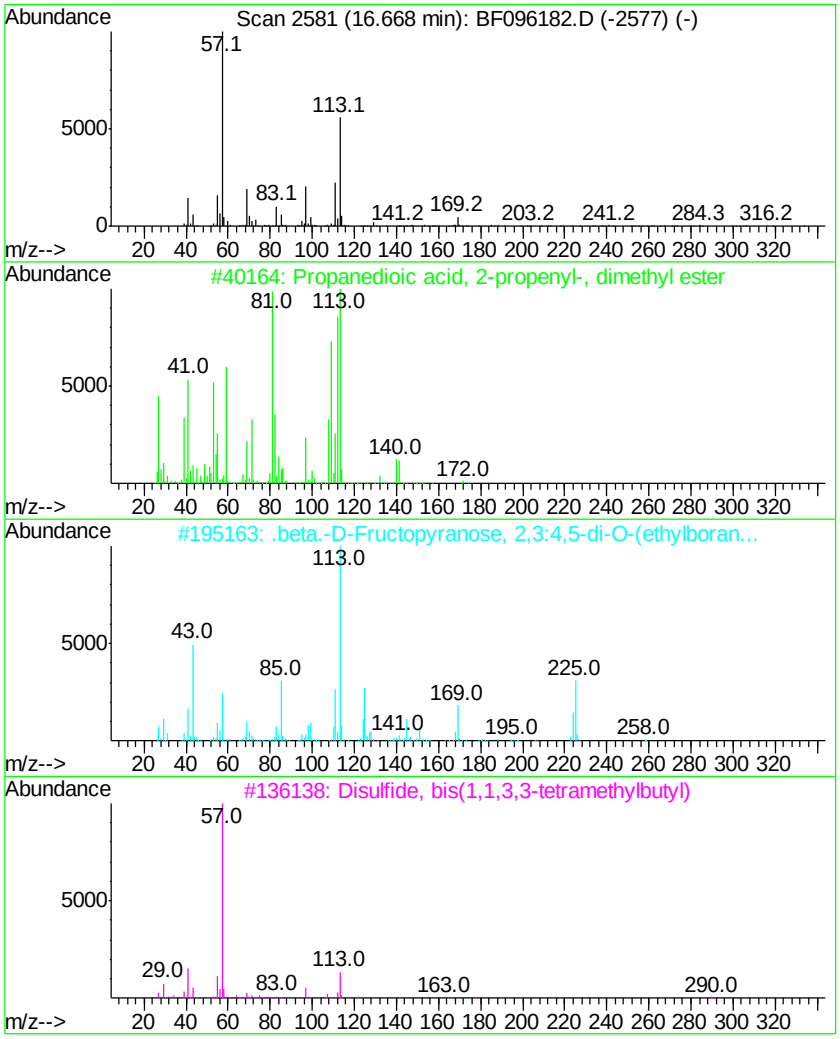
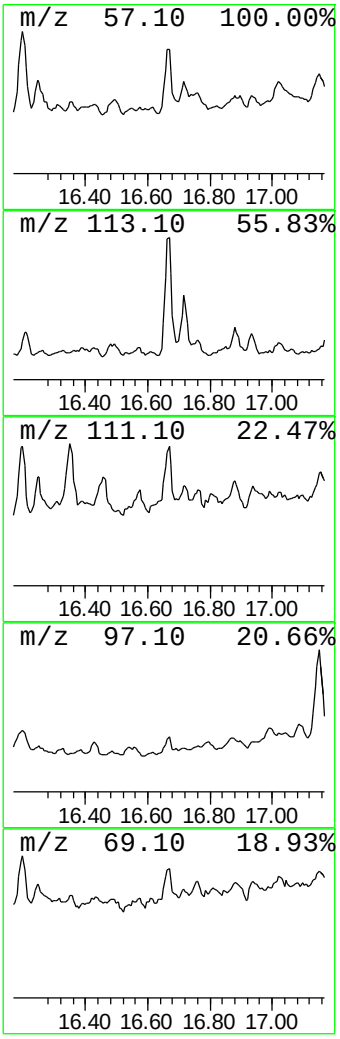
Peak Number 20 unknown16.67 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	20.00 ng	882181	Chrysene-d12	18.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	38
2	.beta.-D-Fructopyranose, 2,3:4,5...	368	C17H30B2O7	1000156-76-8	32
3	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	28
4	3,6,6-Trimethylundecane-2,5,10-t...	240	C14H24O3	1000190-97-6	25
5	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	602.5	ng	11403000	1	7.26	378544	20.0
.alpha.-Methylsty...	6.82	8.7	ng	163951	1	7.26	378544	20.0
Oxalic acid, cycl...	10.21	20.2	ng	545083	2	9.29	540821	20.0
Cyclohexane, 1,3-...	10.86	13.5	ng	1096640	3	12.12	1628630	20.0
unknown11.21	11.21	11.9	ng	966357	3	12.12	1628630	20.0
Heptane, 3-bromo-	11.44	19.4	ng	1583040	3	12.12	1628630	20.0
unknown11.50	11.50	13.6	ng	1107480	3	12.12	1628630	20.0
Phenol, 2,4-bis(1...	12.25	15.0	ng	1225090	3	12.12	1628630	20.0
2H-Pyran-2-one, 5...	13.00	17.0	ng	1383510	3	12.12	1628630	20.0
Pregn-5-en-20-one...	13.10	17.4	ng	1412610	3	12.12	1628630	20.0
unknown14.08	14.08	34.5	ng	2154130	4	14.53	1248730	20.0
Malonic acid, di(...	14.13	12.6	ng	785062	4	14.53	1248730	20.0
Sulfurous acid, b...	14.19	11.3	ng	702366	4	14.53	1248730	20.0
unknown14.69	14.69	20.0	ng	1248730	4	14.53	1248730	20.0
Benzene, (1-methy...	15.28	26.0	ng	1621510	4	14.53	1248730	20.0
2-Thiopheneacetic...	15.36	17.9	ng	1116950	4	14.53	1248730	20.0
unknown16.20	16.20	24.3	ng	1515650	4	14.53	1248730	20.0
unknown16.67	16.67	20.0	ng	882181	5	18.28	882181	20.0