LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

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-BF081517.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	4.875	471	474	486	rBV	176160	250428	4.34%	0.627%
2	5.298	541	546	549	rBV	2651571	2751526	47.73%	6.893%
3	6.340	717	723	726	rBV	2607443	2959068	51.33%	7.413%
4	6.463	739	744	747	rBV	2698040	2792798	48.44%	6.997%
5	6.687	778	782	786	rBV	816437	664288	11.52%	1.664%
6	6.845	804	809	812	rBV	2368392	2097350	36.38%	5.254%
7	7.257	874	879	882	rBV	1877513	1844352	31.99%	4.621%
8	7.969	996	1000	1004	rBV	999971	880385	15.27%	2.206%
9	9.051	1179	1184	1187	rBV	3177678	3024101	52.45%	7.576%
10	9.445	1247	1251	1254	rBV	151964	131652	2.28%	0.330%
11	9.722	1294	1298	1302	rBV	984885	912213	15.82%	2.285%
12	10.516	1428	1433	1436	rBV	1742254	1640067	28.45%	4.109%
13	10.633	1450	1453	1458	rBV	58413	77093	1.34%	0.193%
14	11.204	1546	1550	1553	rBV	954793	846798	14.69%	2.121%
15	11.610	1614	1619	1622	rVB	2743811	2357846	40.90%	5.907%
16	11.910	1663	1670	1680	rBV4	40603	72196	1.25%	0.181%
17	12.298	1730	1736	1738	rBV	4233807	5765301	100.00%	14.443%
18	12.322	1738	1740	1746	rVV2	4132043	3972482	68.90%	9.952%
19	12.398	1750	1753	1758	rVB	1472270	1283779	22.27%	3.216%
20	12.622	1787	1791	1792	rBV	67963	67914	1.18%	0.170%
21	12.674	1797	1800	1808	rVB5	50223	92223	1.60%	0.231%
22	12.798	1814	1821	1824	rBV	2446418	2405533	41.72%	6.026%
23	12.980	1845	1852	1857	rBV6	79298	180566	3.13%	0.452%
24	13.121	1871	1876	1878	rBV	140766	140128	2.43%	0.351%
25	13.221	1890	1893	1895	rBV	90174	91951	1.59%	0.230%
26	13.551	1942	1949	1952	rBV2	150670	225796	3.92%	0.566%
27	13.692	1969	1973	1979	rVB	171835	199842	3.47%	0.501%
28	13.786	1986	1989	1992	rVB	132179	106038	1.84%	0.266%
29	13.839	1994	1998	2001	rBV	801283	744385	12.91%	1.865%
30	14.316	2076	2079	2084	rBV2	93529	132979	2.31%	0.333%
31	14.610	2126	2129	2132	rBV2	62191	65332	1.13%	0.164%
32	14.927	2179	2183	2185	rBV	197846	220980	3.83%	0.554%
33	14.951	2185	2187	2193	rVB2	61340	70188	1.22%	0.176%
34	15.251	2233	2238	2241	rBV	502417	607564	10.54%	1.522%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.674	2306	2310	2315	rBV	177754	241415	4.19%	0.605%

Sum of corrected areas: 39916557

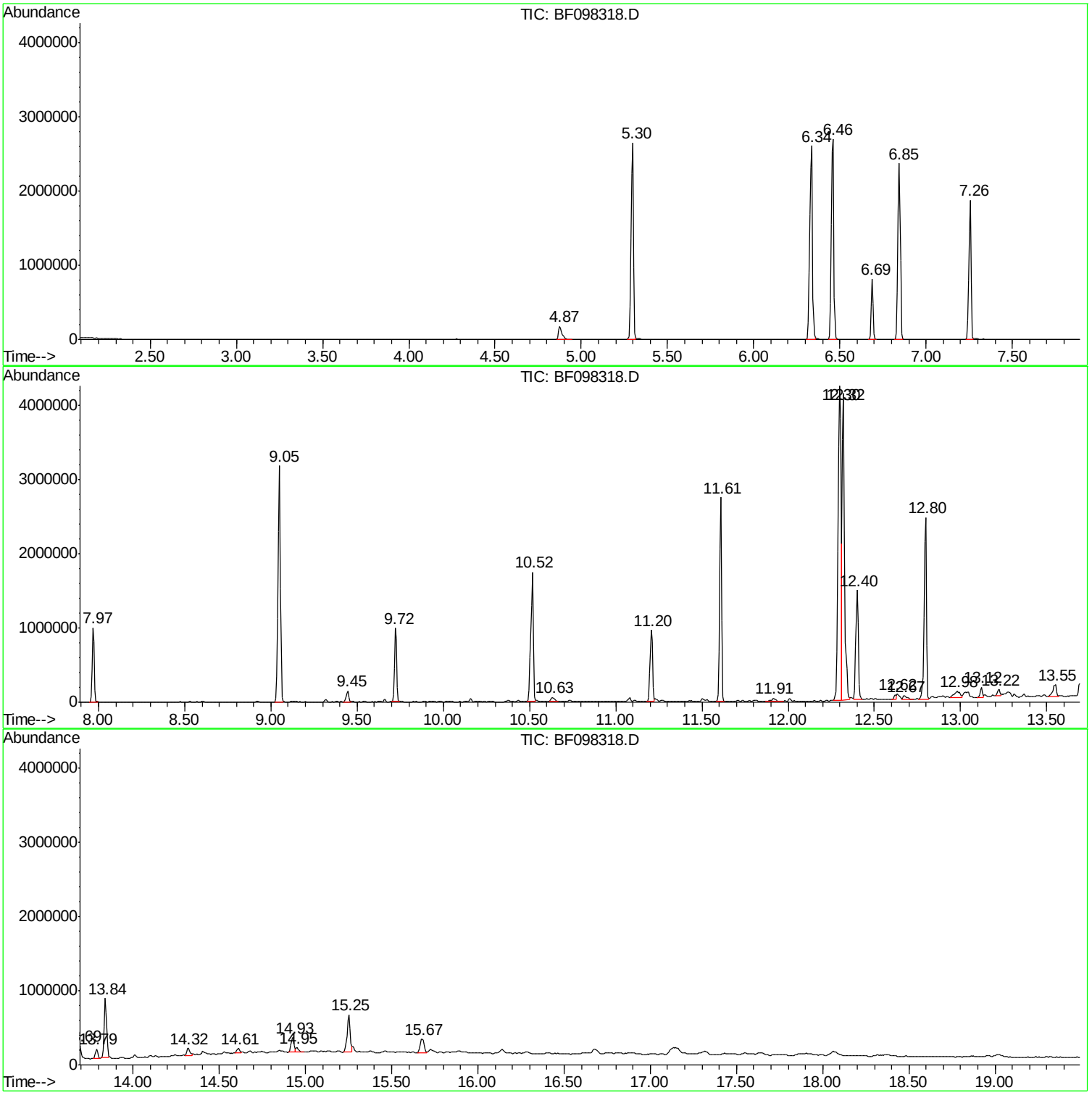
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

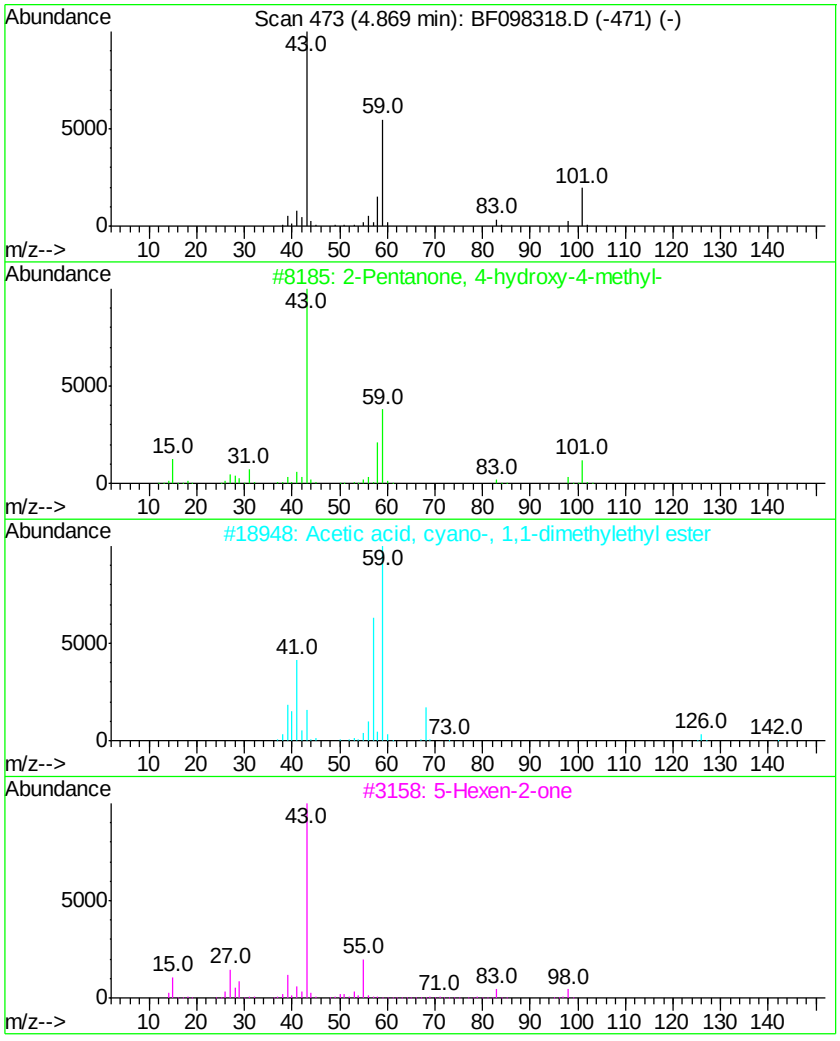
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

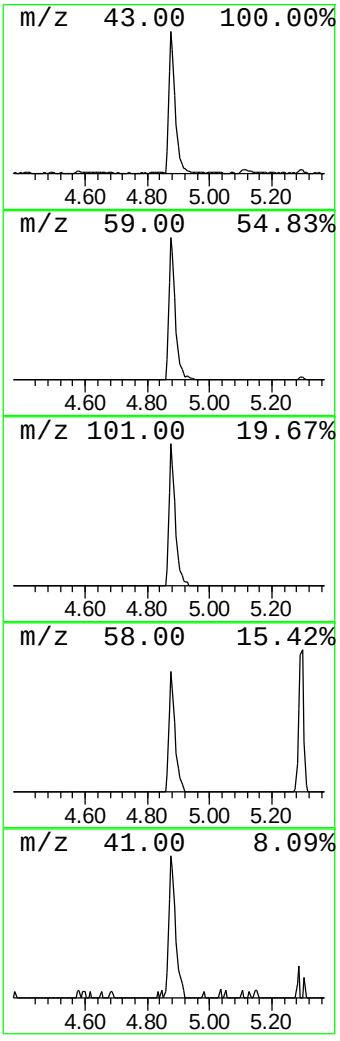
****

Peak Number 1 unknown4.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	7.54 ng	250428	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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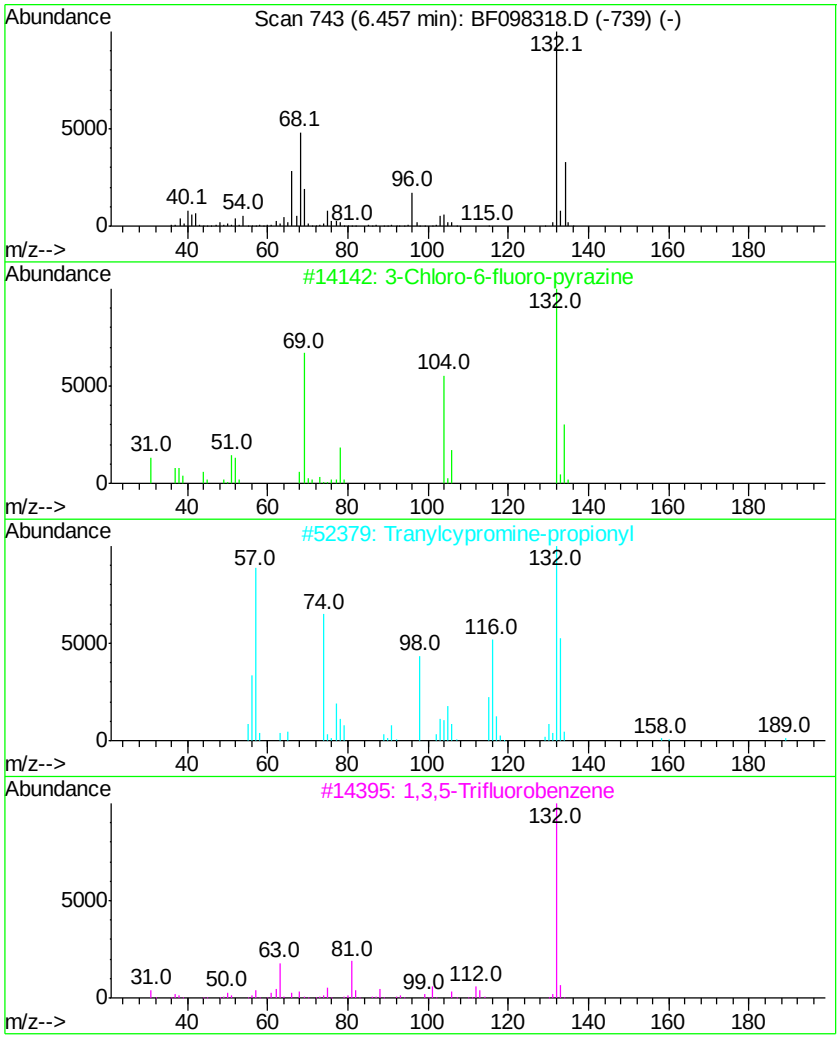
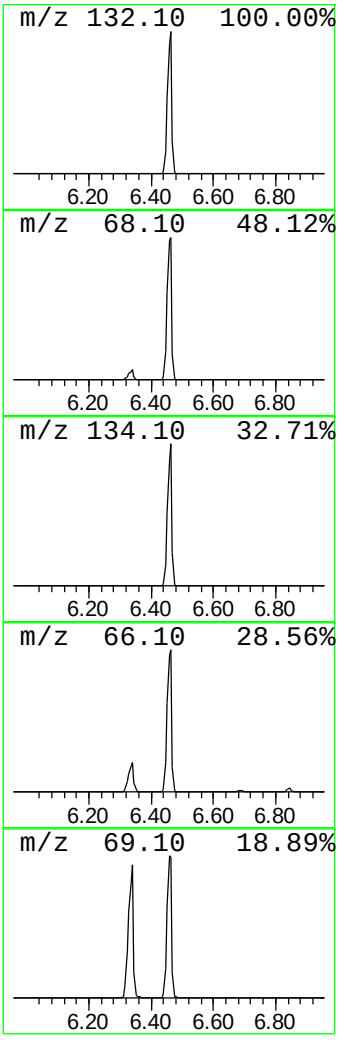
Peak Number 2 unknown6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	84.08 ng	2792800	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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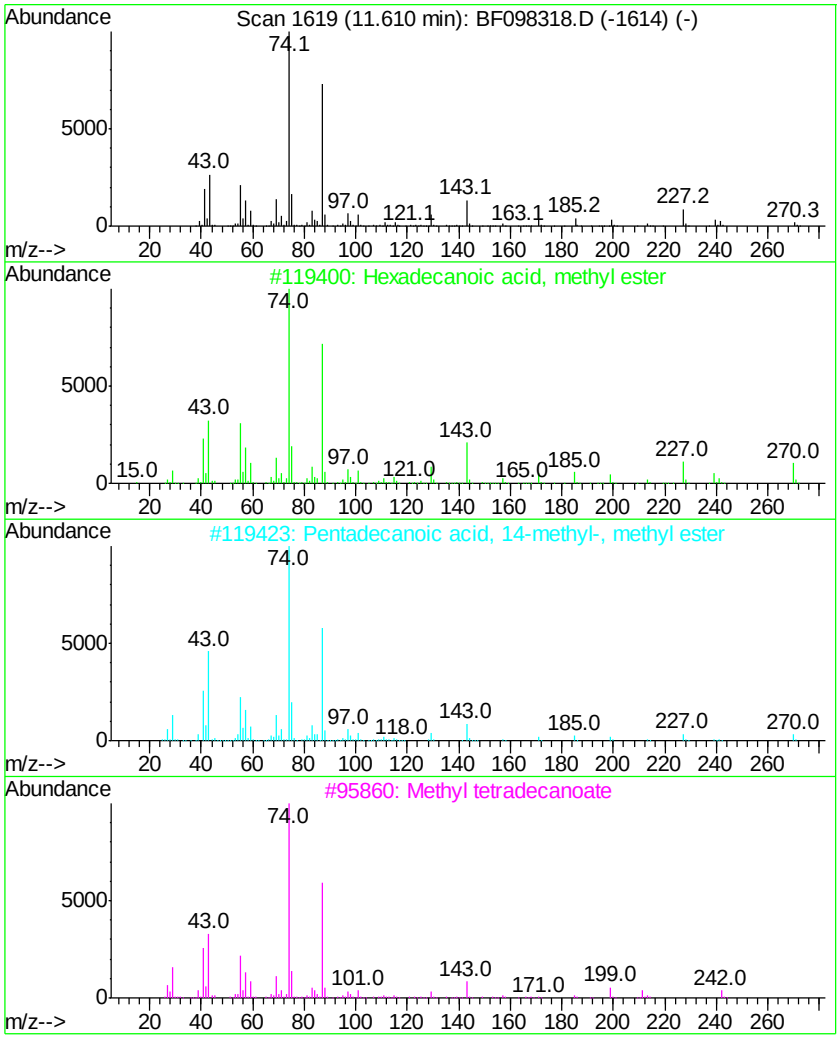
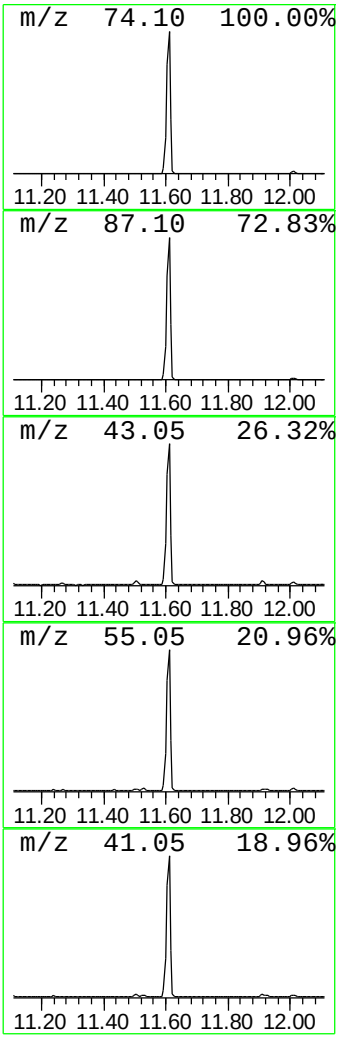
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	55.69 ng	2357850	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

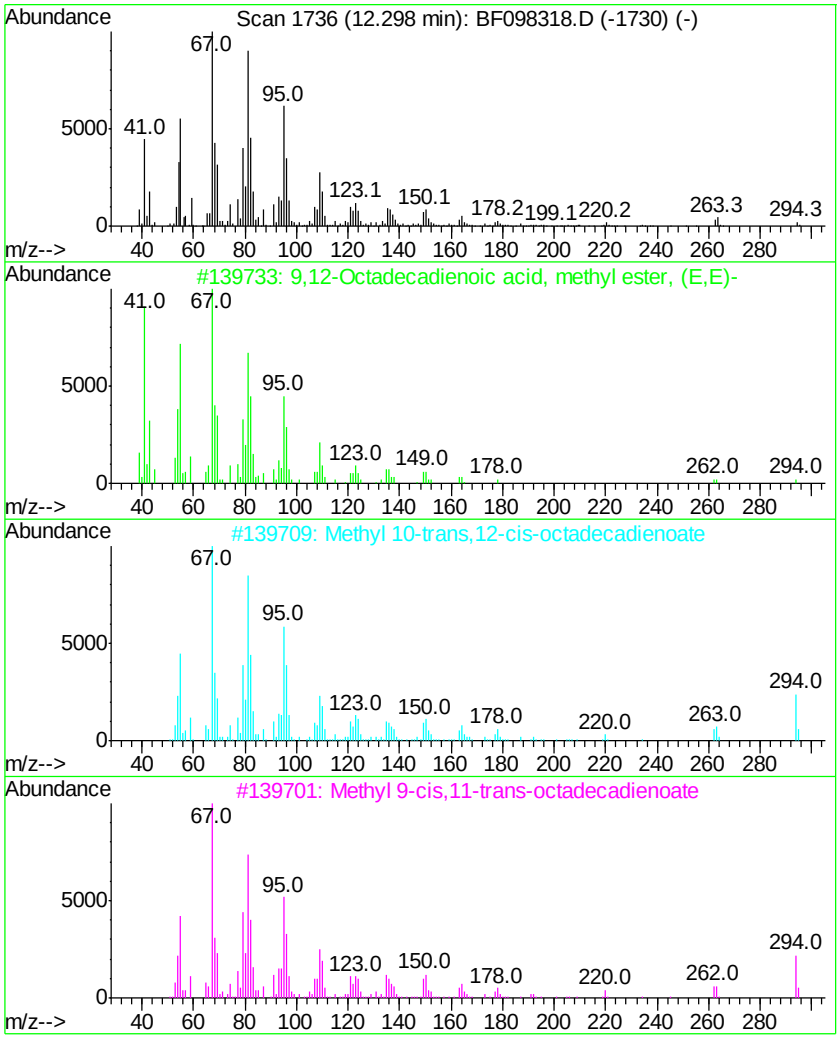
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

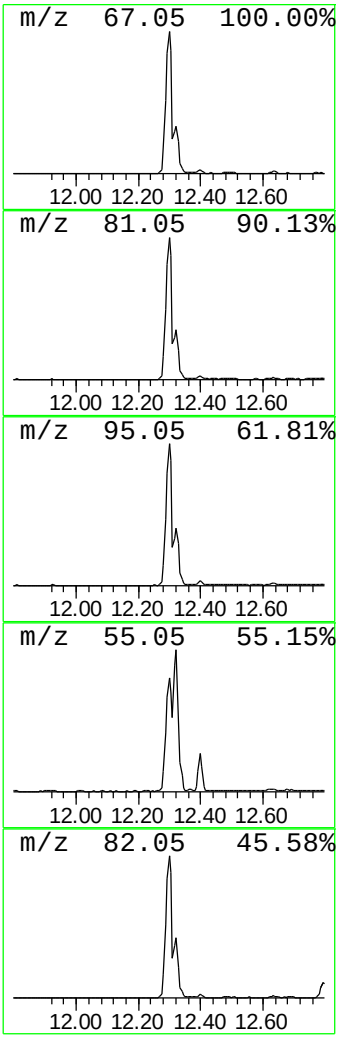
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	136.17 ng	5765300	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
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Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

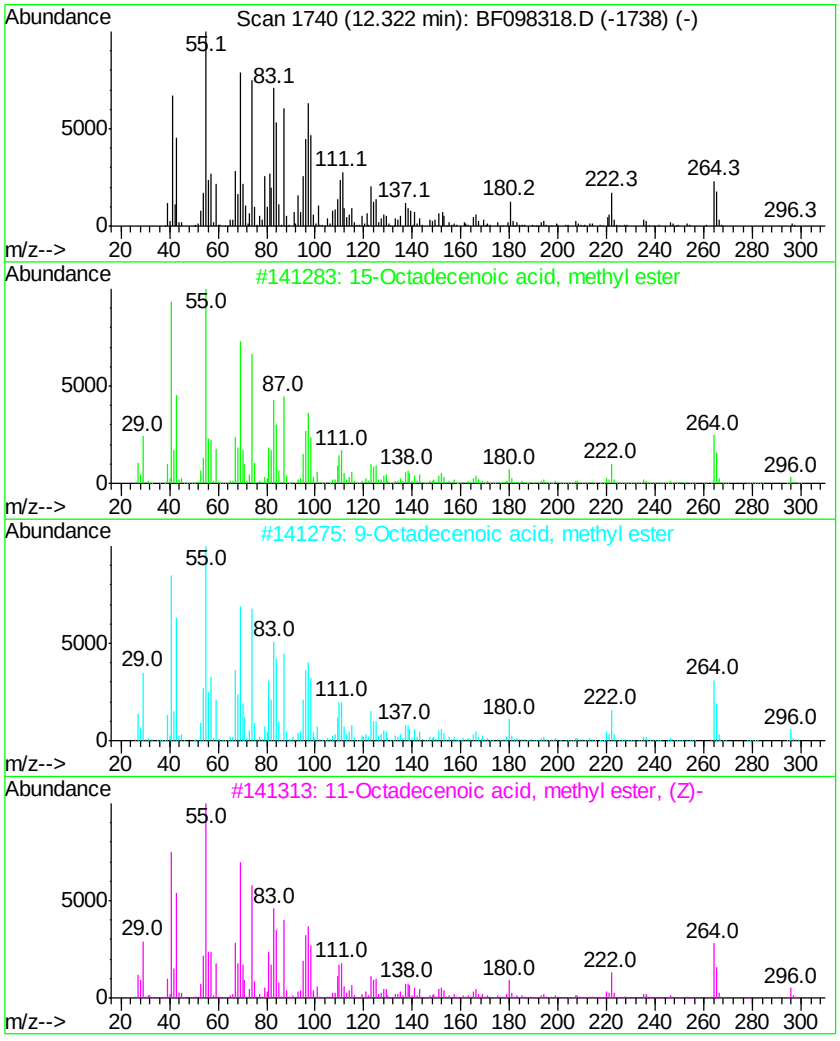
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

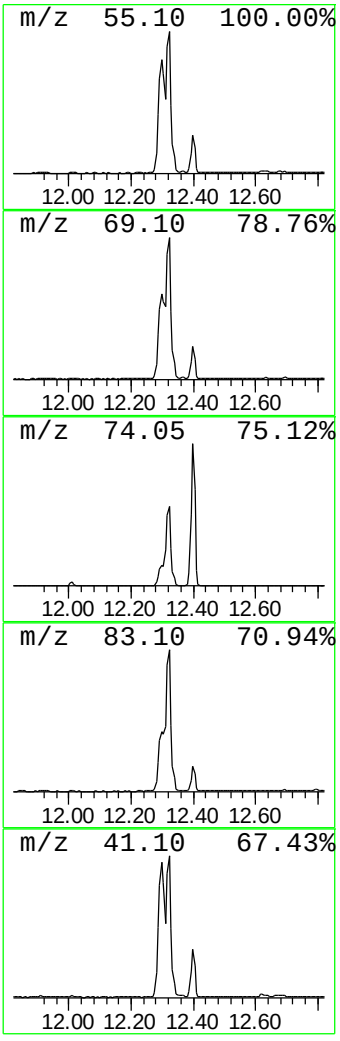
****

Peak Number 6 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	93.82 ng	3972480	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93





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Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
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Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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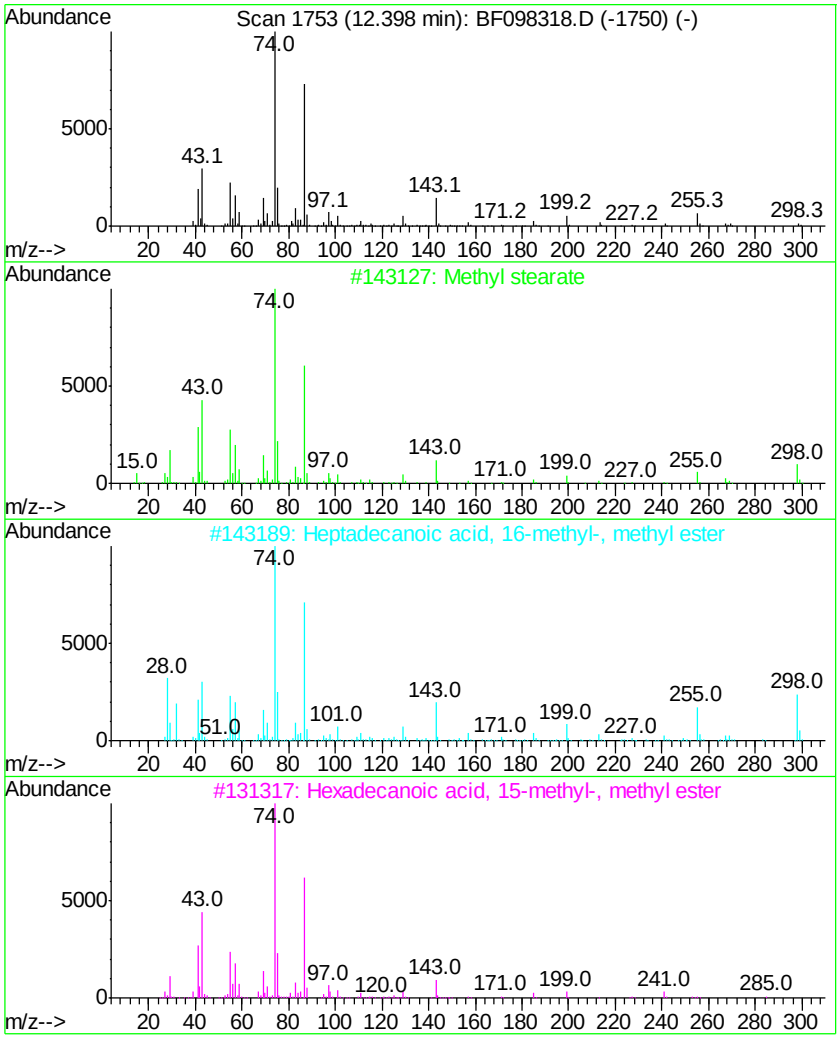
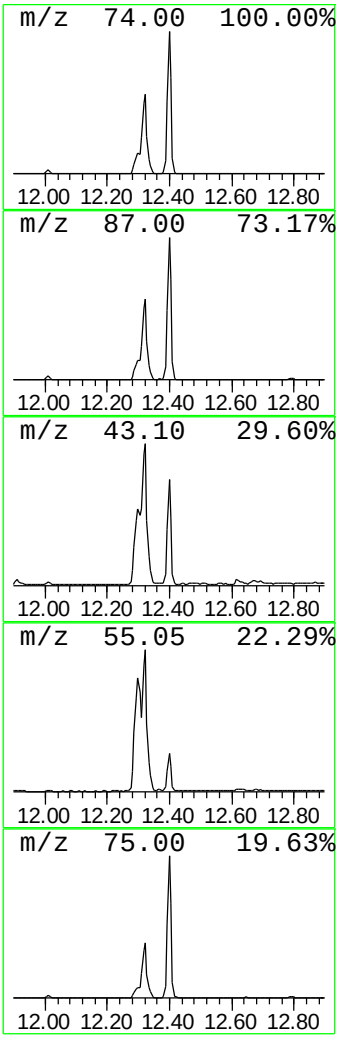
Peak Number 7 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	30.32 ng	1283780	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
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Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

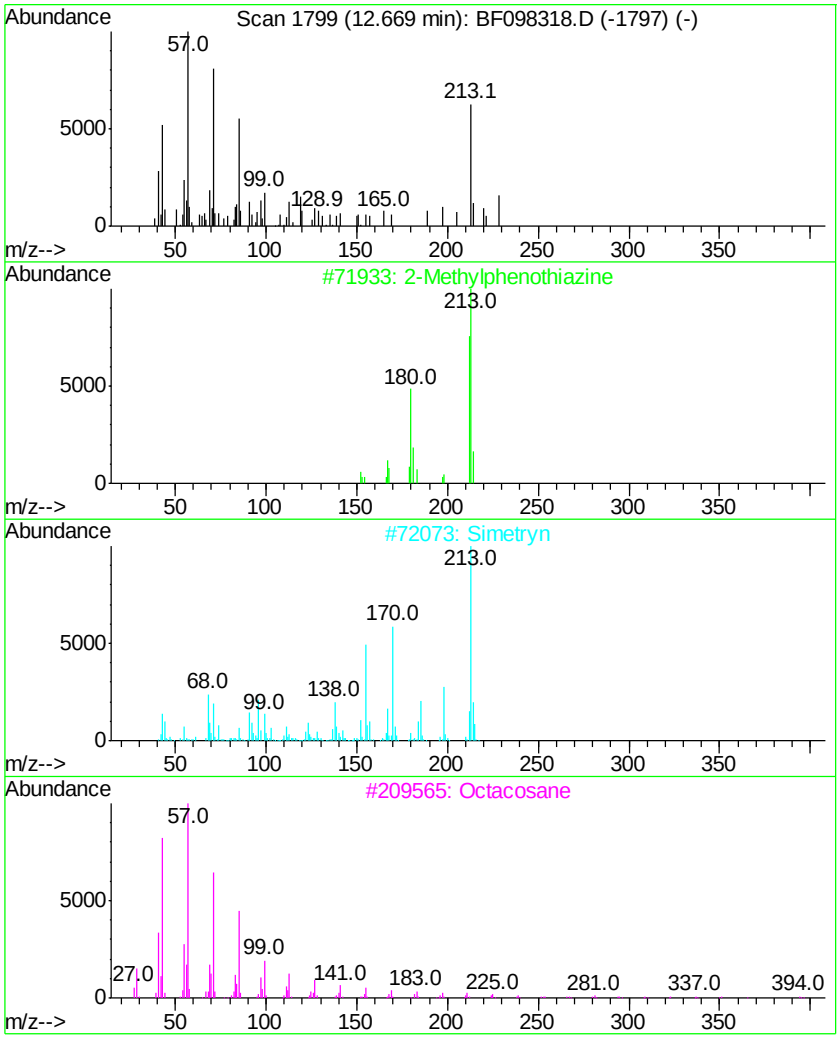
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

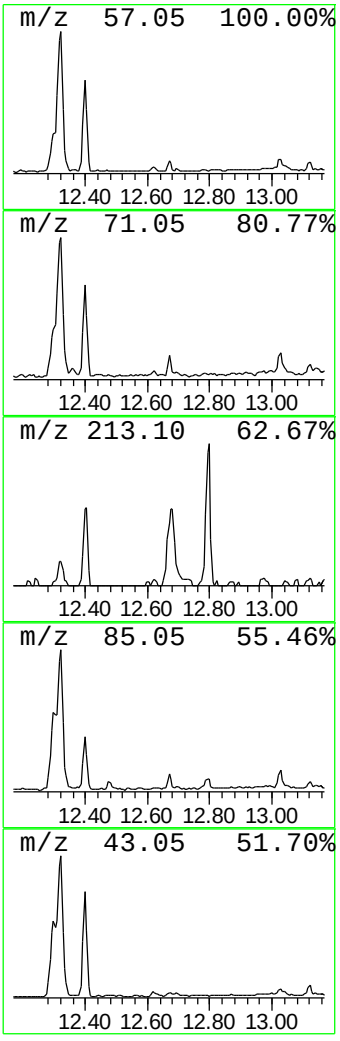
****

Peak Number 8 2-Methylphenothiazine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.48 ng	92223	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylphenothiazine	213	C13H11NS	005828-51-3	59
2	Simetryn	213	C8H15N5S	001014-70-6	43
3	Octacosane	394	C28H58	000630-02-4	30
4	Tetratetracontane	619	C44H90	007098-22-8	30
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	25





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Operator : SJ/JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

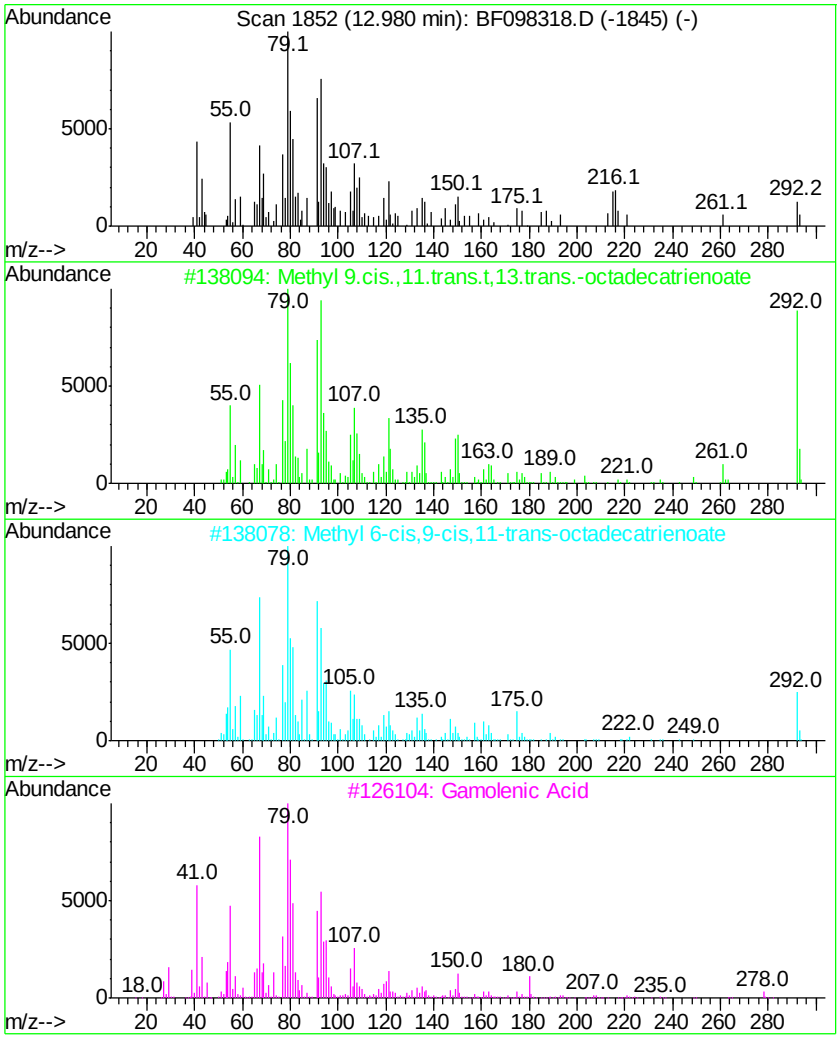
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

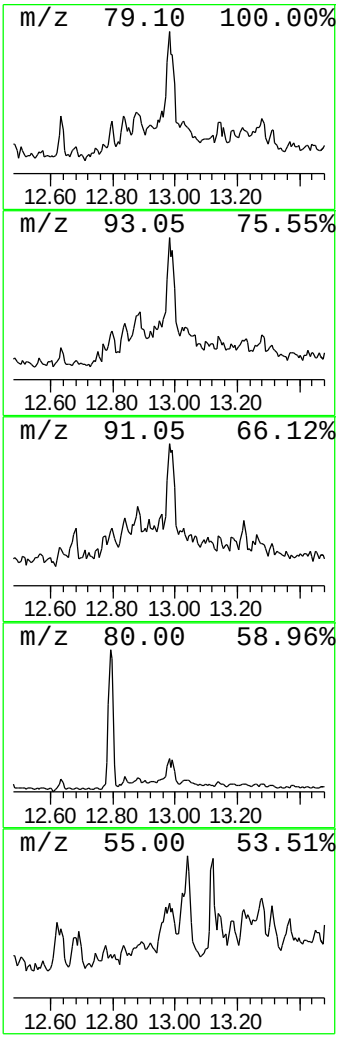
****

Peak Number 9 Methyl 9.cis.,11.trans.t,13... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.85 ng	180566	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	93
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	87
3	Gamolenic Acid	278	C18H30O2	000506-26-3	72
4	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	68
5	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	60





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098318.D
Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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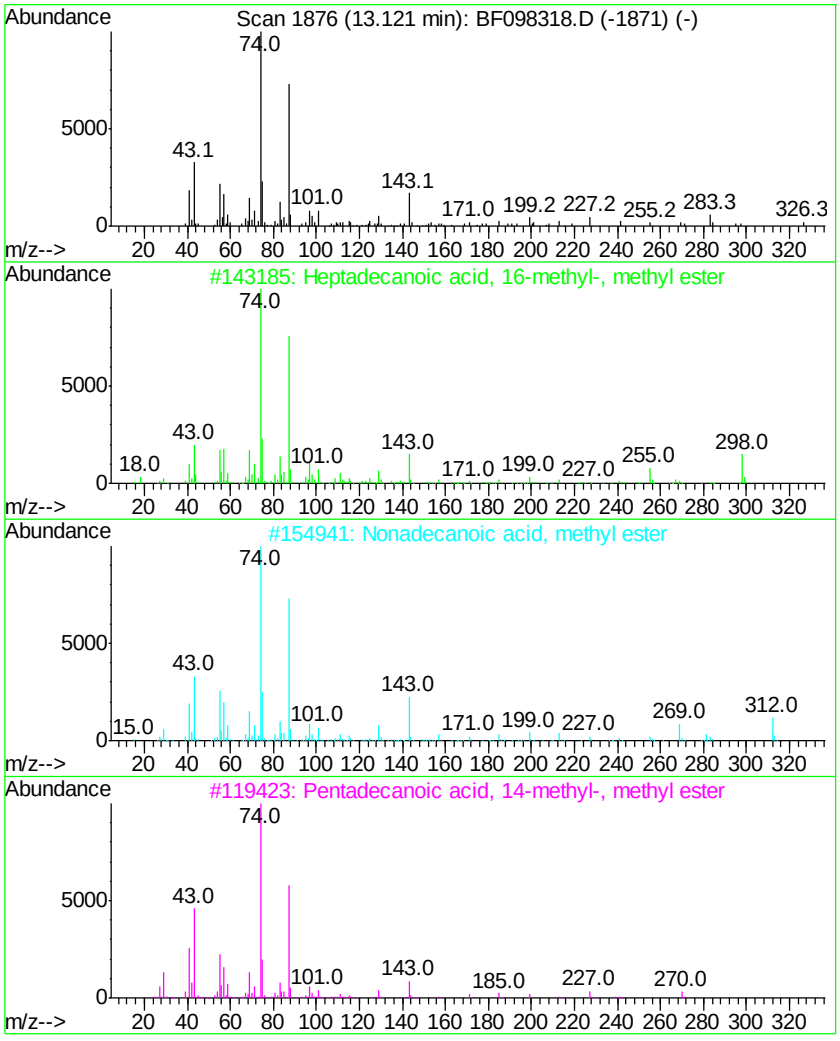
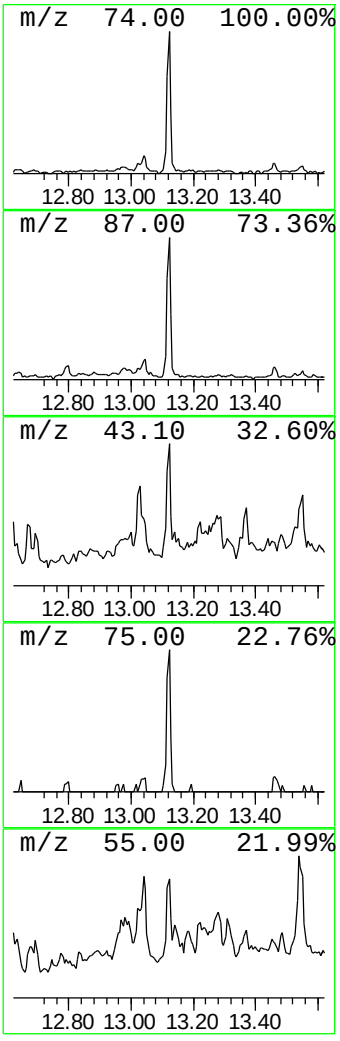
Peak Number 10 Heptadecanoic acid, 16-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.76 ng	140128	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





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Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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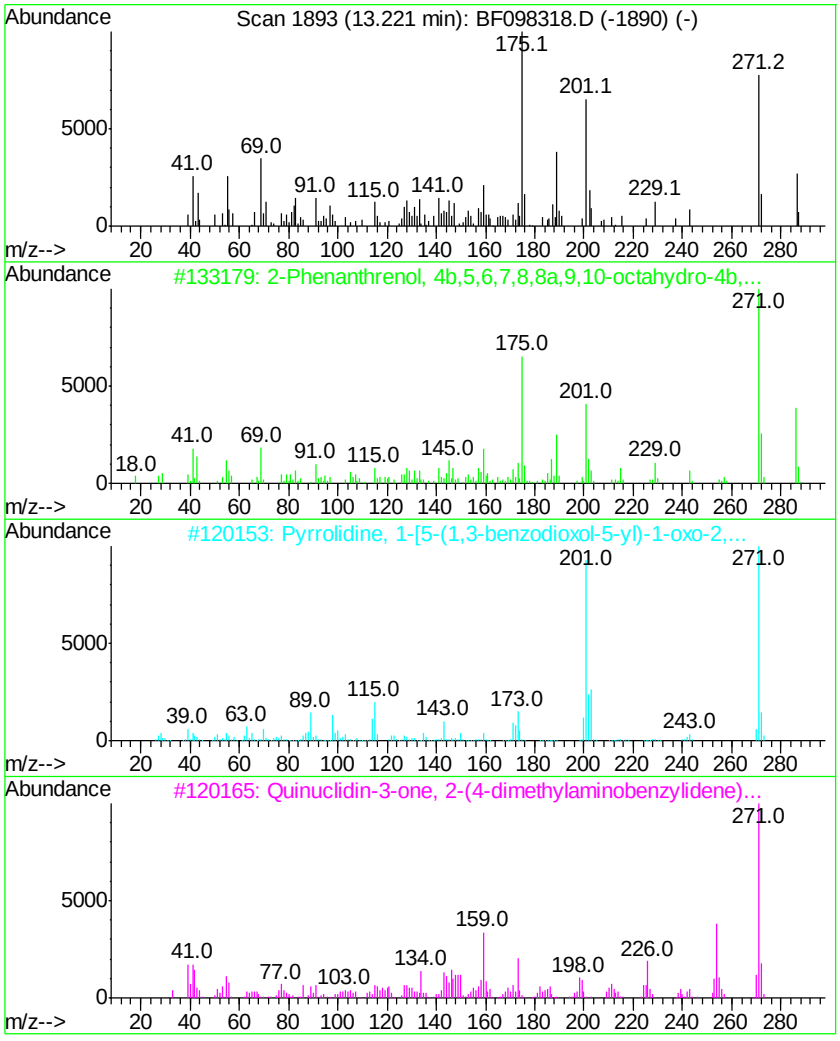
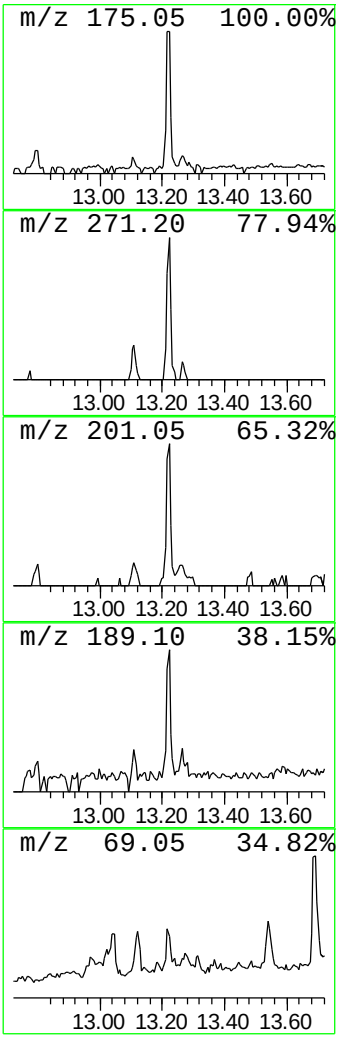
Peak Number 11 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.47 ng	91951	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	64
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3	Quinuclidin-3-one, 2-(4-dimethyl...	271	C16H21N3O	1000266-14-6	22
4	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	18
5	1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	15





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Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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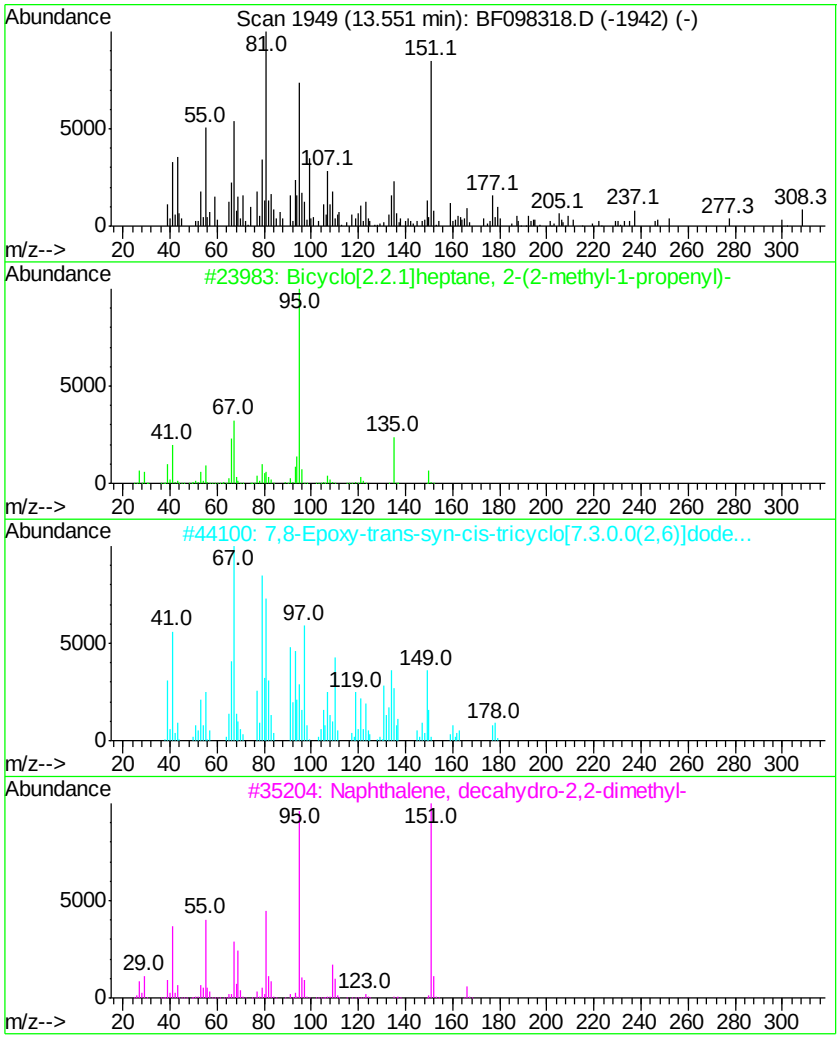
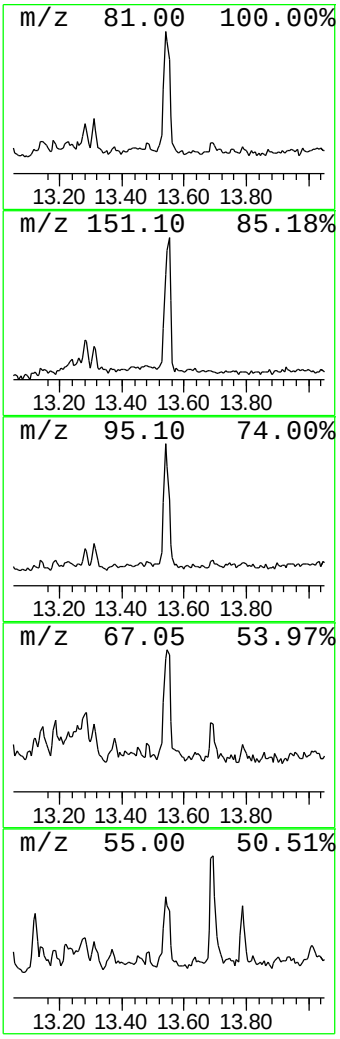
Peak Number 12 unknown13.55 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	6.07 ng	225796	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	35
2	7,8-Epoxy-trans-syn-cis-tricyclo...	178	C12H18O	057366-09-3	30
3	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	30
4	4-Hydroxybenzoxazolone	151	C7H5NO3	028955-70-6	25
5	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	20





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : AU-06-090117-B

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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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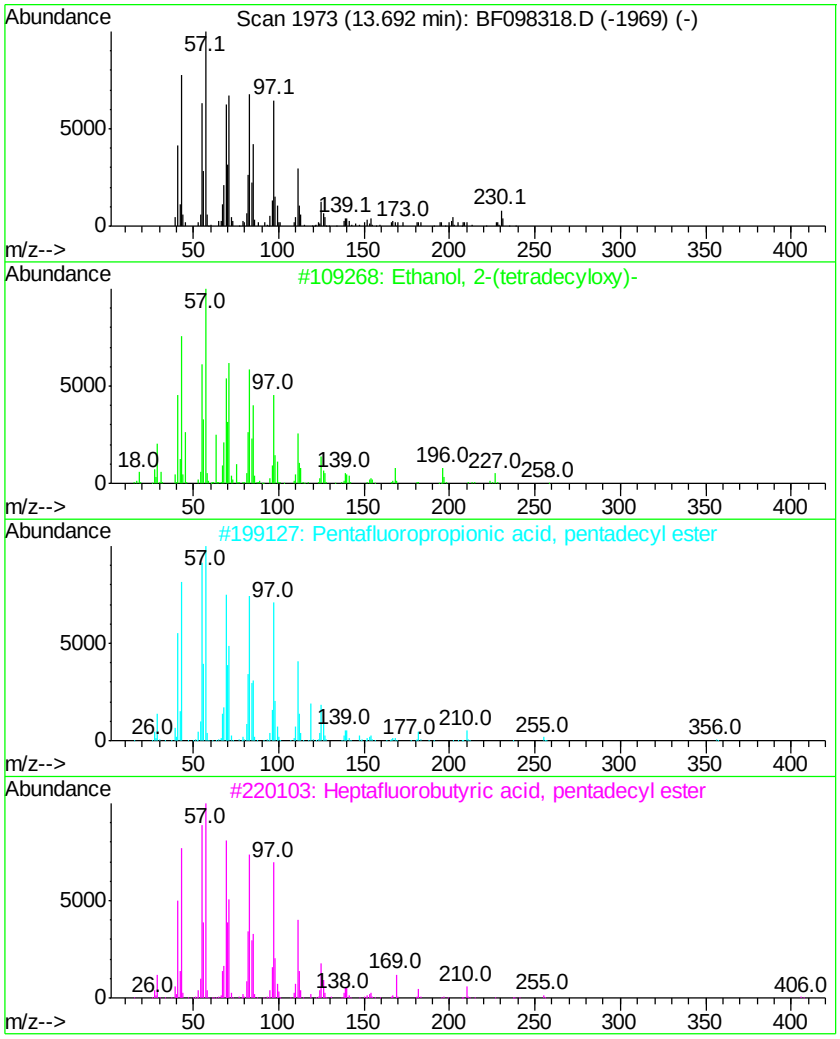
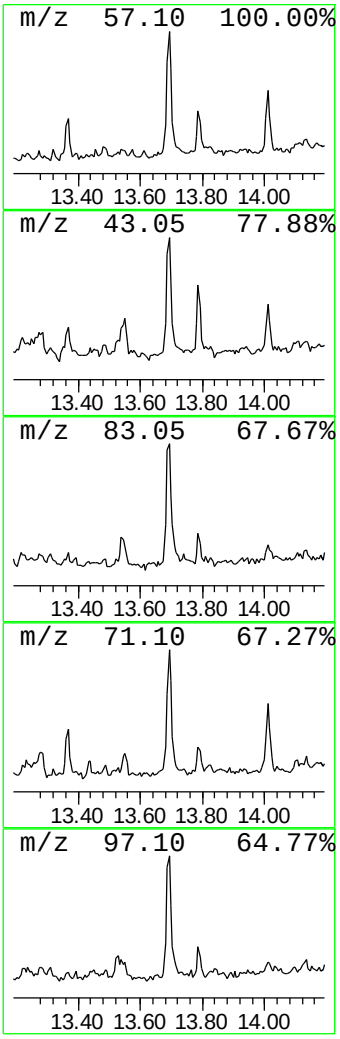
Peak Number 13 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.37 ng	199842	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	87





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ClientSampleId : AU-06-090117-B

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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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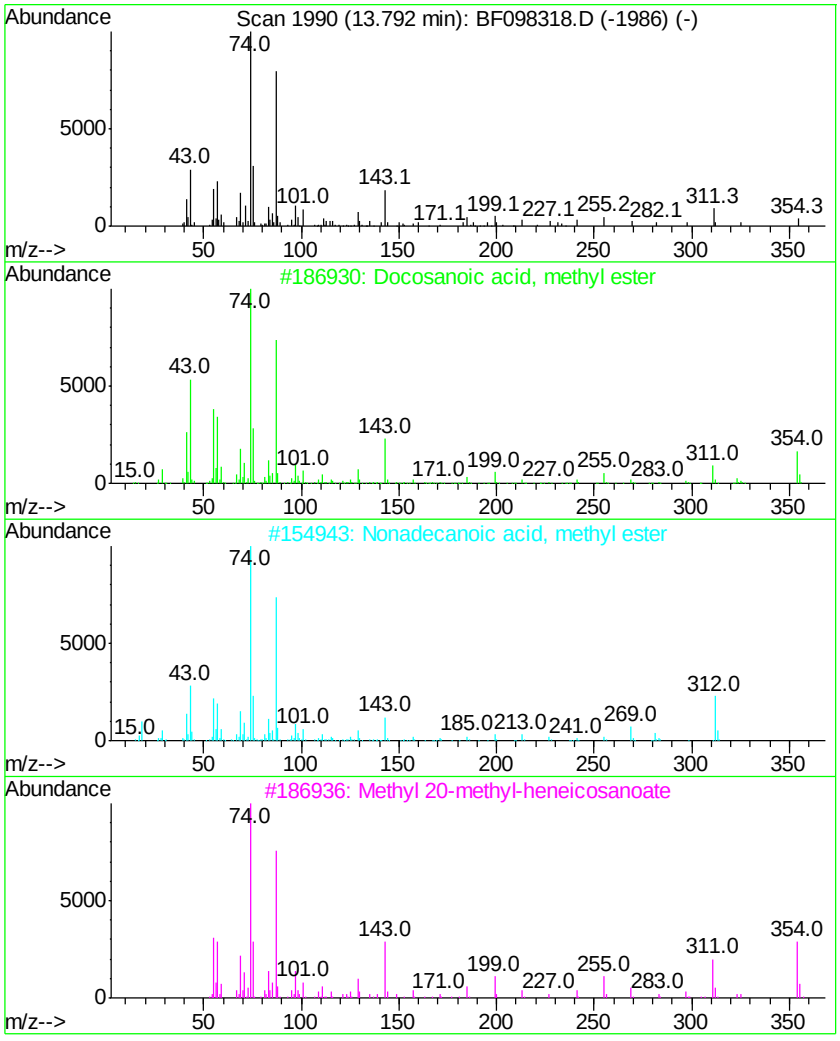
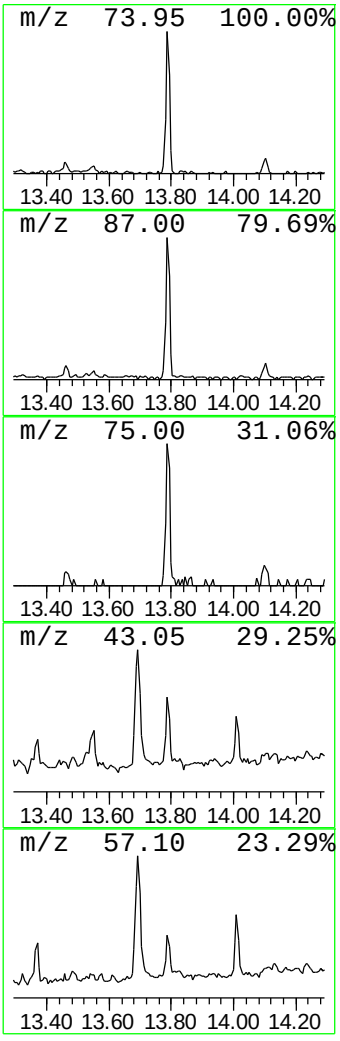
Peak Number 14 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.85 ng	106038	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	94
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	91
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





Library Search Compound Report

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Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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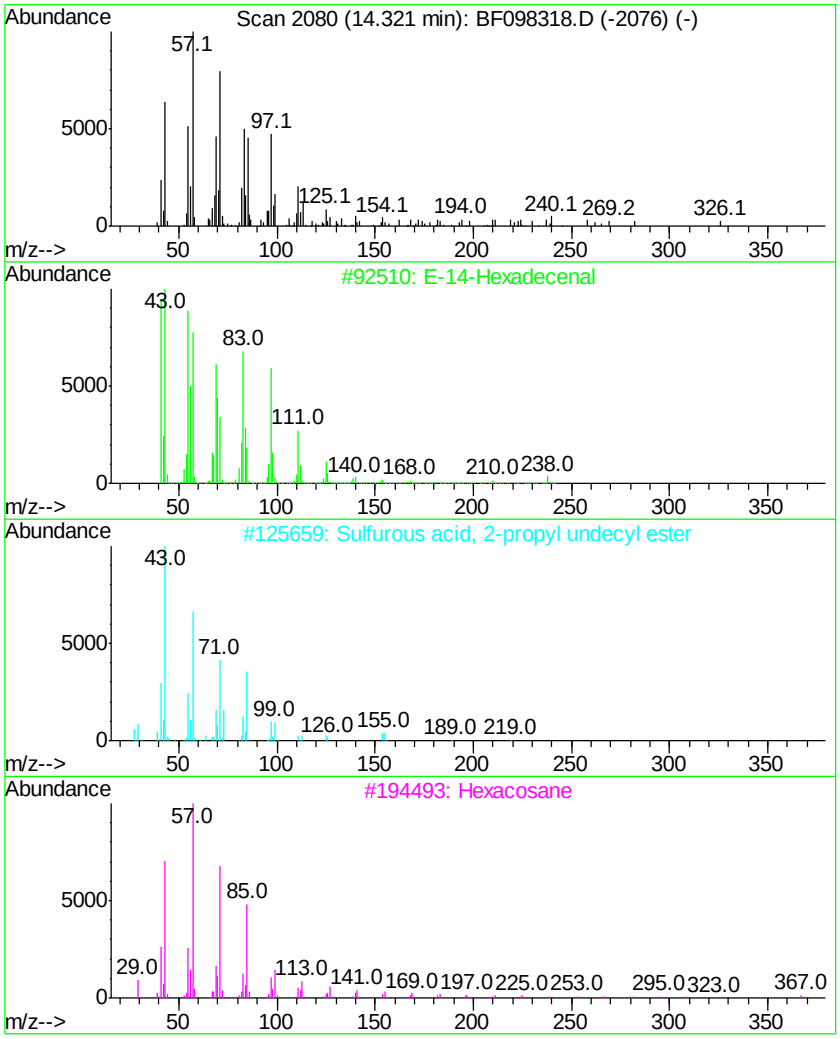
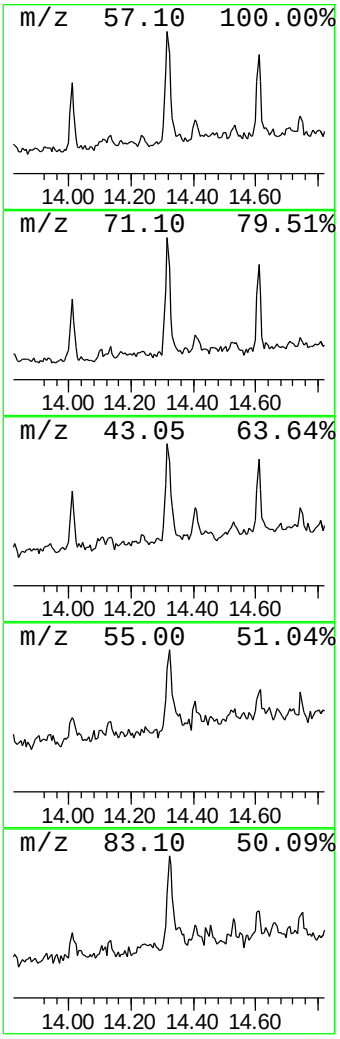
Peak Number 15 E-14-Hexadecenal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.57 ng	132979	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	92
2	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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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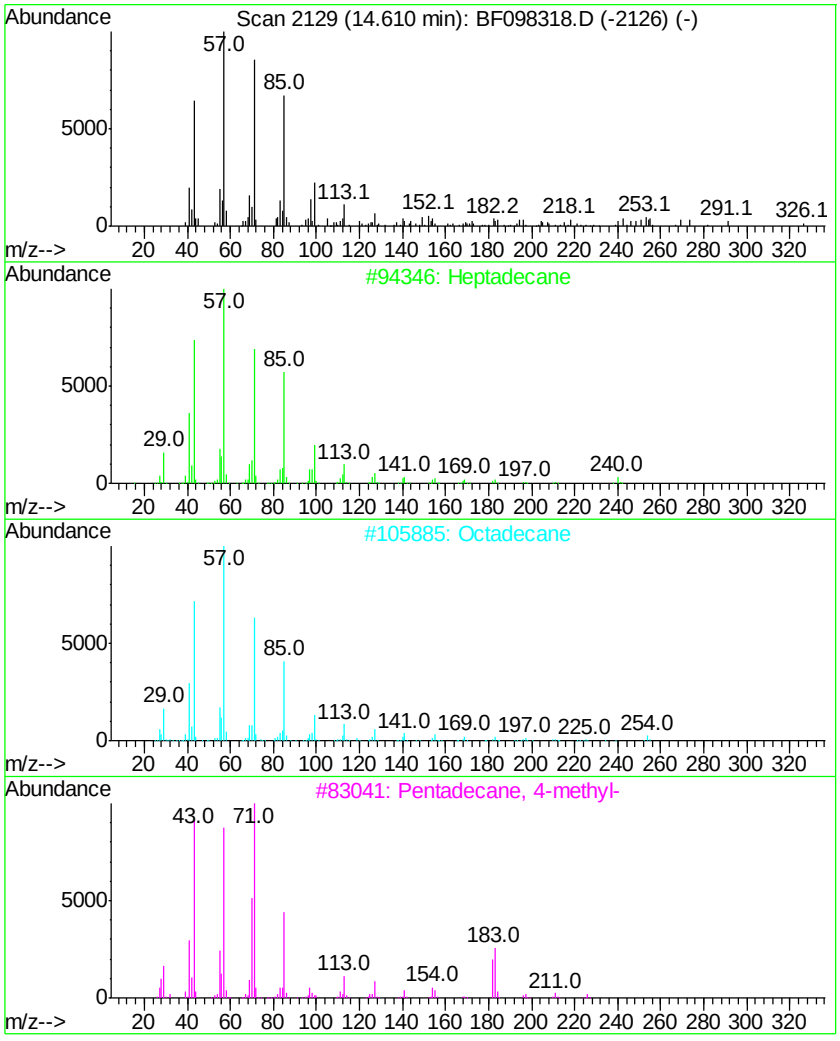
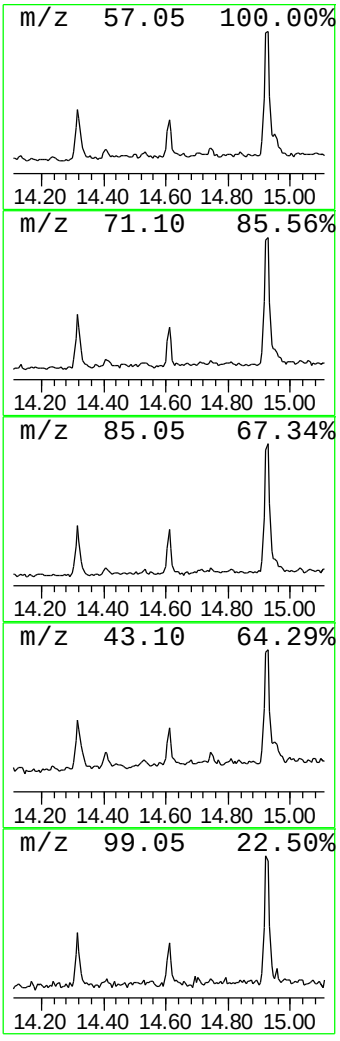
Peak Number 16 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.15 ng	65332	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Octadecane	254	C18H38	000593-45-3	62
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	53
4	Heptacosane	380	C27H56	000593-49-7	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50





Library Search Compound Report

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Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

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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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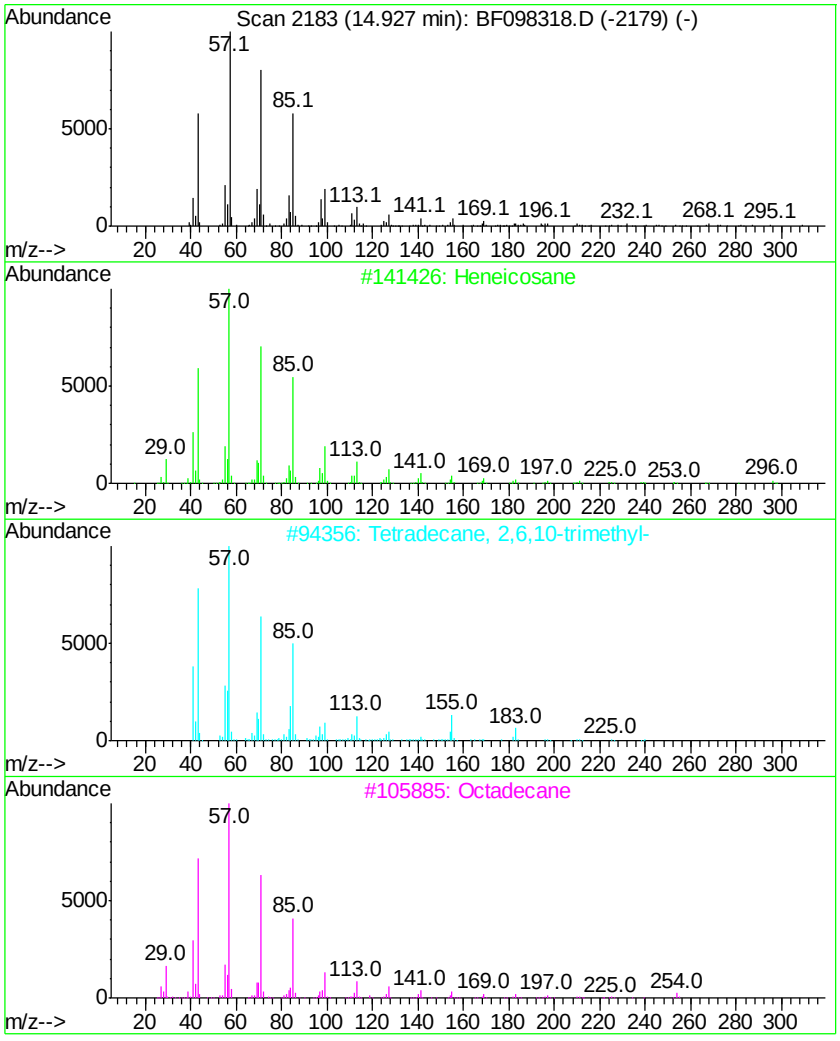
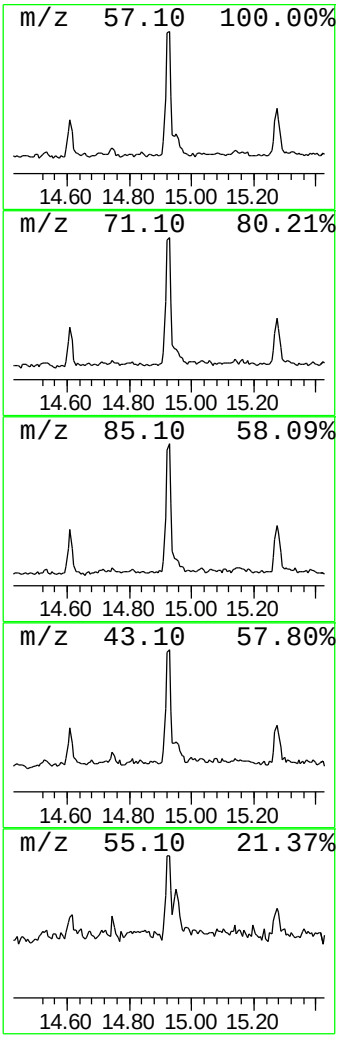
Peak Number 17 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	7.27 ng	220980	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Octadecane	254	C18H38	000593-45-3	80
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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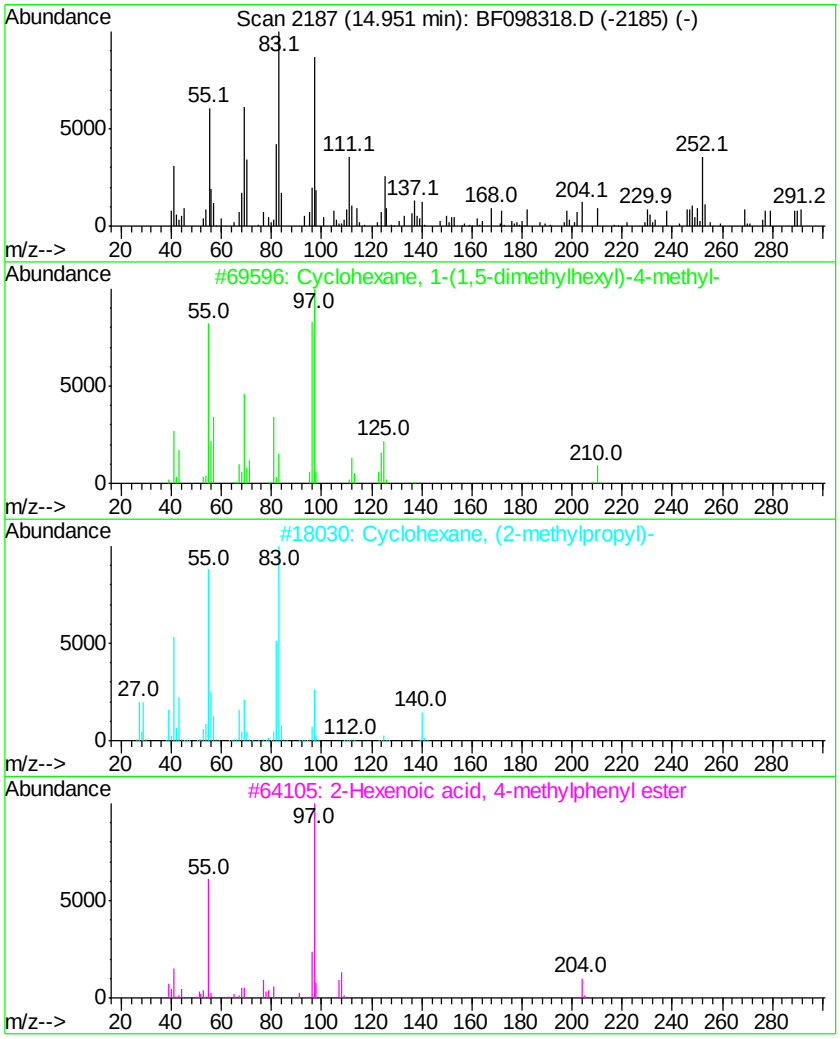
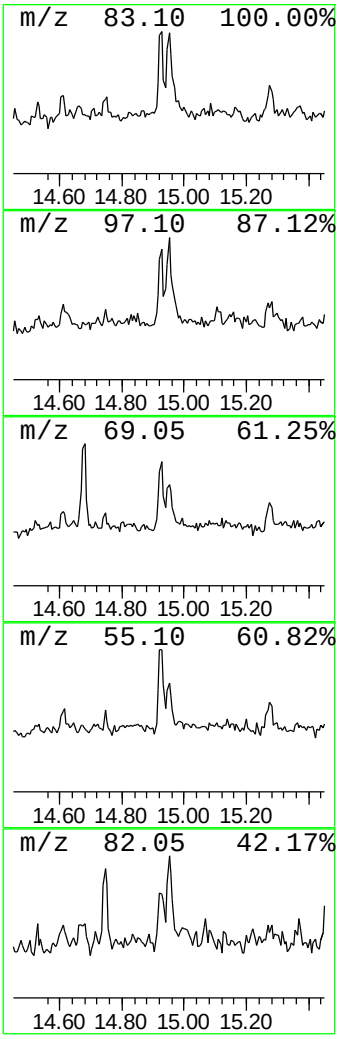
Peak Number 18 unknown14.95 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.31 ng	70188	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-(1,5-dimethylhexy...	210	C15H30	029799-19-7	30
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
3	2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	25
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	25
5	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	20





Library Search Compound Report

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Sample : I5093-04
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ALS Vial : 15 Sample Multiplier: 1

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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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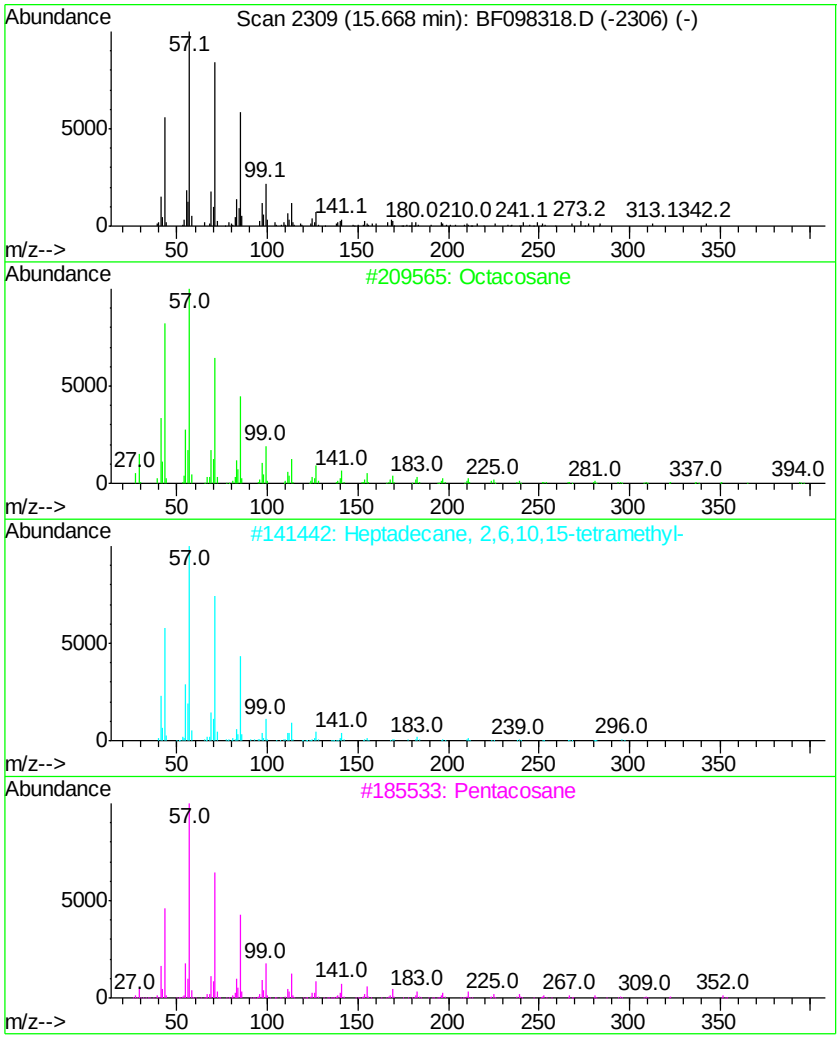
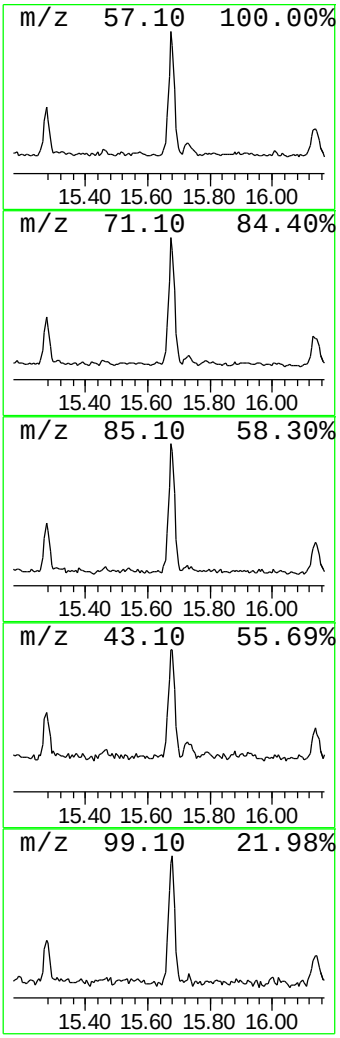
Peak Number 19 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.95 ng	241415	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Hexadecane	226	C16H34	000544-76-3	86





Tentatively Identified Compound (LSC) summary

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Acq On : 7 Sep 2017 17:20
Operator : SJ/JU
Sample : I5093-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.87	4.87	7.5	ng	250428	1	6.69	664288	20.0
unknown6.46	6.46	84.1	ng	2792800	1	6.69	664288	20.0
Hexadecanoic acid...	11.61	55.7	ng	2357850	4	11.20	846798	20.0
9,12-Octadecadien...	12.30	136.2	ng	5765300	4	11.20	846798	20.0
15-Octadecenoic a...	12.32	93.8	ng	3972480	4	11.20	846798	20.0
Methyl stearate	12.40	30.3	ng	1283780	4	11.20	846798	20.0
2-Methylphenothia...	12.67	2.5	ng	92223	5	13.84	744385	20.0
Methyl 9.cis.,11....	12.98	4.8	ng	180566	5	13.84	744385	20.0
Heptadecanoic aci...	13.12	3.8	ng	140128	5	13.84	744385	20.0
2-Phenanthrenol, ...	13.22	2.5	ng	91951	5	13.84	744385	20.0
unknown13.55	13.55	6.1	ng	225796	5	13.84	744385	20.0
Ethanol, 2-(tetra...	13.69	5.4	ng	199842	5	13.84	744385	20.0
Docosanoic acid, ...	13.79	2.9	ng	106038	5	13.84	744385	20.0
E-14-Hexadecenal	14.32	3.6	ng	132979	5	13.84	744385	20.0
Heptadecane	14.61	2.1	ng	65332	6	15.25	607564	20.0
Heneicosane	14.93	7.3	ng	220980	6	15.25	607564	20.0
unknown14.95	14.95	2.3	ng	70188	6	15.25	607564	20.0
Octacosane	15.67	8.0	ng	241415	6	15.25	607564	20.0