LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

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-BF102317.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	5.004	493	496	508	rBV	117751	153927	5.00%	0.547%
2	5.416	563	566	582	rBV	1019592	1114706	36.20%	3.963%
3	6.440	737	740	758	rBV	626144	743377	24.14%	2.643%
4	6.569	758	762	775	rVB	2188787	2009787	65.27%	7.145%
5	6.793	797	800	806	rBV	618784	532404	17.29%	1.893%
6	6.857	808	811	814	rVB	45032	36063	1.17%	0.128%
7	6.951	822	827	830	rBV	2145662	1985543	64.48%	7.059%
8	7.369	893	898	907	rBV	1408049	1544576	50.16%	5.491%
9	7.622	934	941	945	rBV	71320	91238	2.96%	0.324%
10	8.075	1014	1018	1022	rBV	884289	735896	23.90%	2.616%
11	8.292	1049	1055	1057	rBV	48999	48159	1.56%	0.171%
12	8.363	1064	1067	1071	rVB	39640	38251	1.24%	0.136%
13	8.634	1110	1113	1116	rBV	102053	98040	3.18%	0.349%
14	9.157	1196	1202	1205	rBV	3079897	3079106	100.00%	10.946%
15	9.298	1223	1226	1231	rVB	71652	56165	1.82%	0.200%
16	9.551	1267	1269	1273	rVB	135956	103961	3.38%	0.370%
17	9.622	1278	1281	1287	rBV4	22394	32000	1.04%	0.114%
18	9.834	1310	1317	1322	rBV	866654	877870	28.51%	3.121%
19	10.022	1346	1349	1352	rBV	90504	113504	3.69%	0.404%
20	10.245	1380	1387	1400	rBV4	132605	278643	9.05%	0.991%
21	10.475	1423	1426	1429	rBV2	42360	42278	1.37%	0.150%
22	10.557	1436	1440	1444	rVB	377770	349628	11.35%	1.243%
23	10.639	1449	1454	1457	rBV	1581952	1546466	50.22%	5.498%
24	10.739	1467	1471	1475	rBV2	54122	64259	2.09%	0.228%
25	10.845	1486	1489	1492	rVB	172298	156836	5.09%	0.558%
26	10.881	1492	1495	1497	rBV	32775	30893	1.00%	0.110%
27	10.992	1511	1514	1520	rBV6	42891	67509	2.19%	0.240%
28	11.263	1557	1560	1567	rBV	45851	74069	2.41%	0.263%
29	11.333	1568	1572	1575	rBV	901924	799846	25.98%	2.843%
30	11.528	1603	1605	1609	rBV	41567	44609	1.45%	0.159%
31	11.704	1632	1635	1638	rBV	196217	170226	5.53%	0.605%
32	11.863	1655	1662	1665	rBV2	503954	700595	22.75%	2.491%
33	12.122	1703	1706	1713	rBV2	211364	200395	6.51%	0.712%
34	12.657	1789	1797	1802	rBV	1141651	1779833	57.80%	6.327%

LSC Area Percent Report

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Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.757	1810	1814	1821	rVB	552917	1103758	35.85%	3.924%
36	12.922	1838	1842	1846	rBV	1949910	2076100	67.43%	7.381%
37	13.992	2021	2024	2032	rVB	473408	506283	16.44%	1.800%
38	14.480	2105	2107	2113	rVB3	219752	256055	8.32%	0.910%
39	15.380	2257	2260	2265	rVB	282390	370600	12.04%	1.317%
40	15.474	2273	2276	2286	rVB	387889	682073	22.15%	2.425%
41	15.568	2289	2292	2296	rVB2	312928	405727	13.18%	1.442%
42	16.121	2381	2386	2401	rVB	533932	1468671	47.70%	5.221%
43	16.545	2453	2458	2466	rVB	663318	1234134	40.08%	4.387%
44	17.104	2549	2553	2560	rVB2	170365	325023	10.56%	1.155%

Sum of corrected areas: 28129082

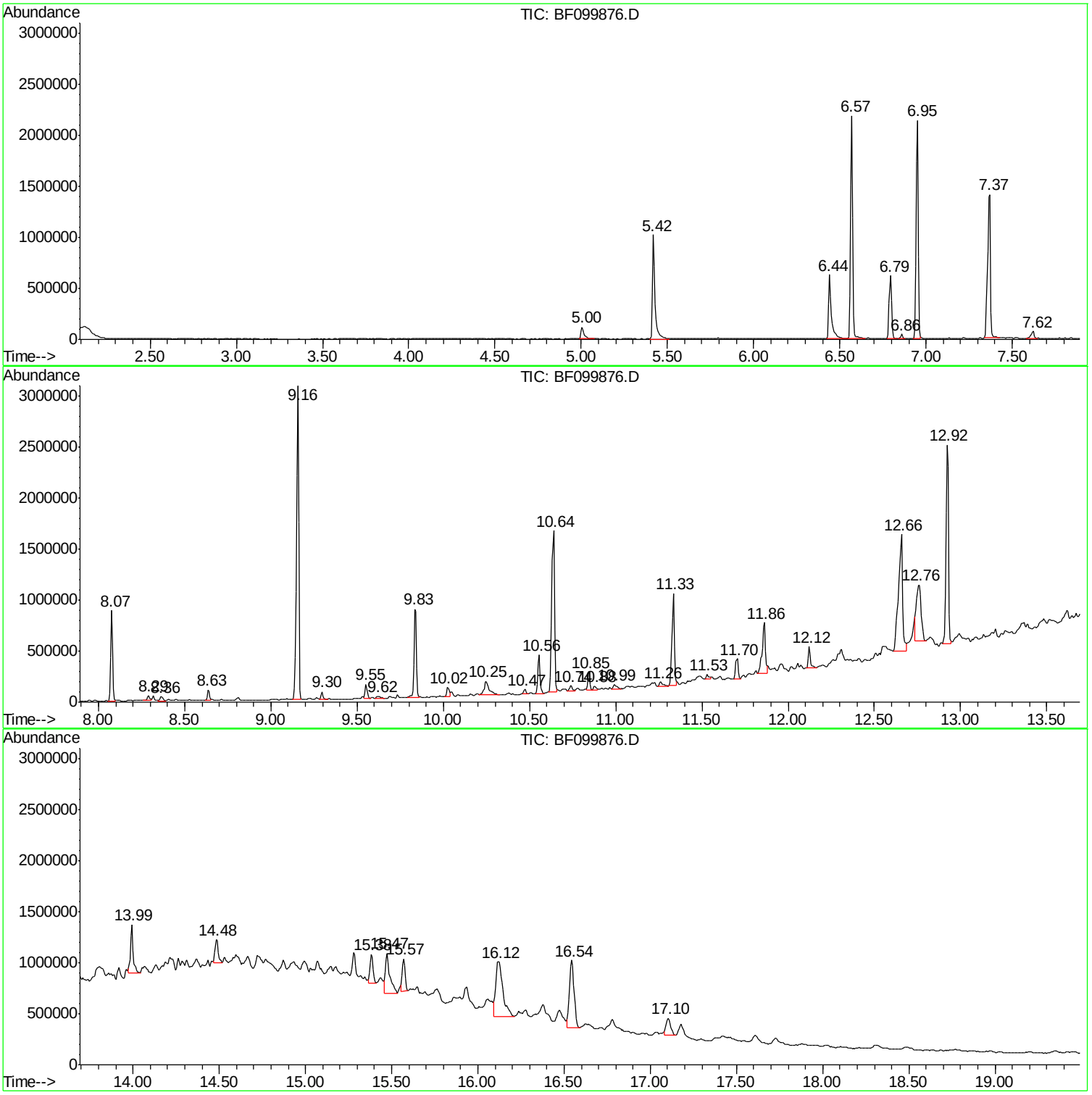
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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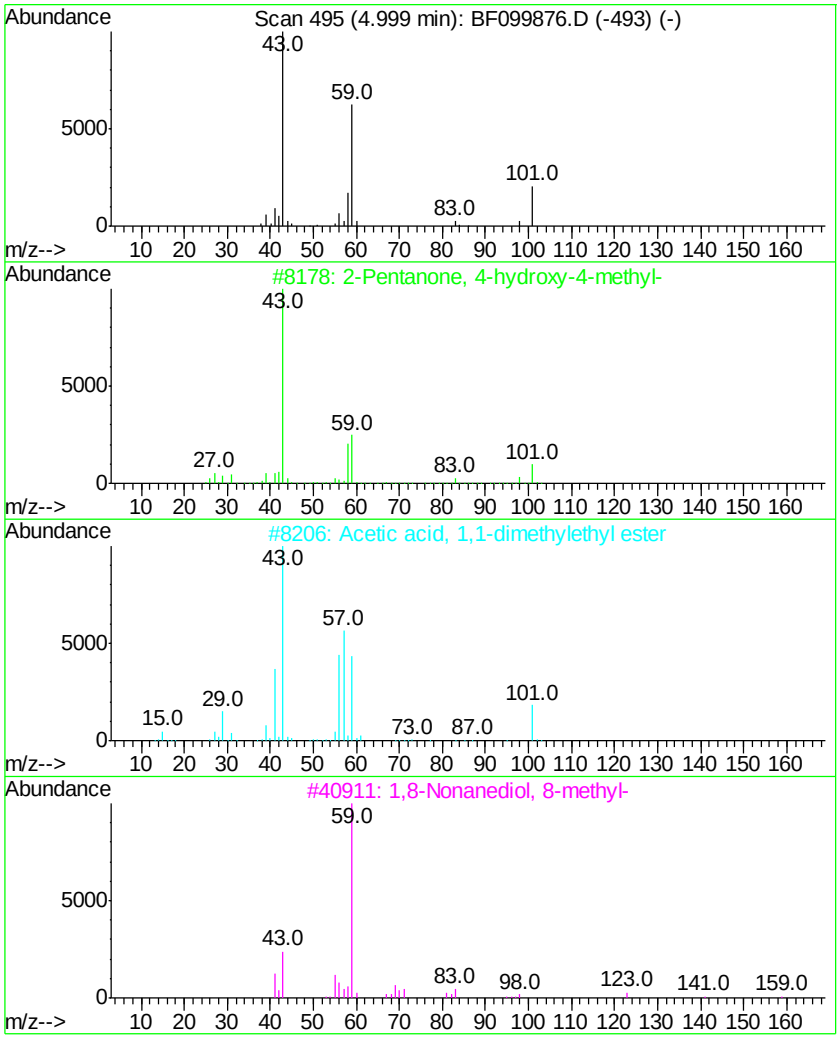
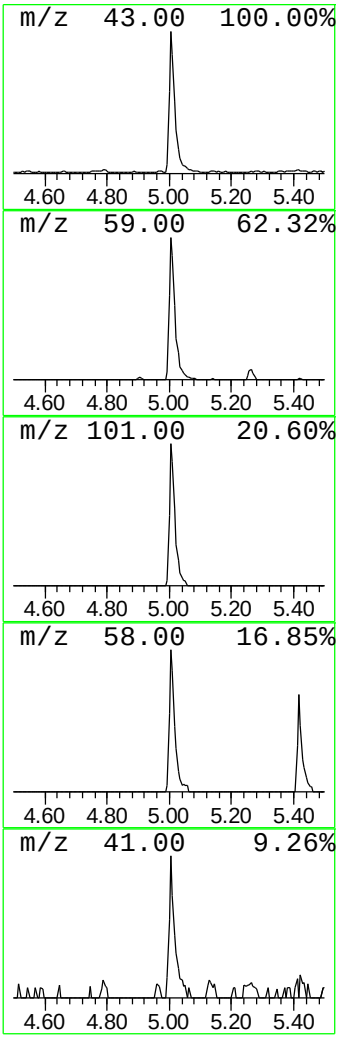
Peak Number 1 unknown5.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.78 ng	153927	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

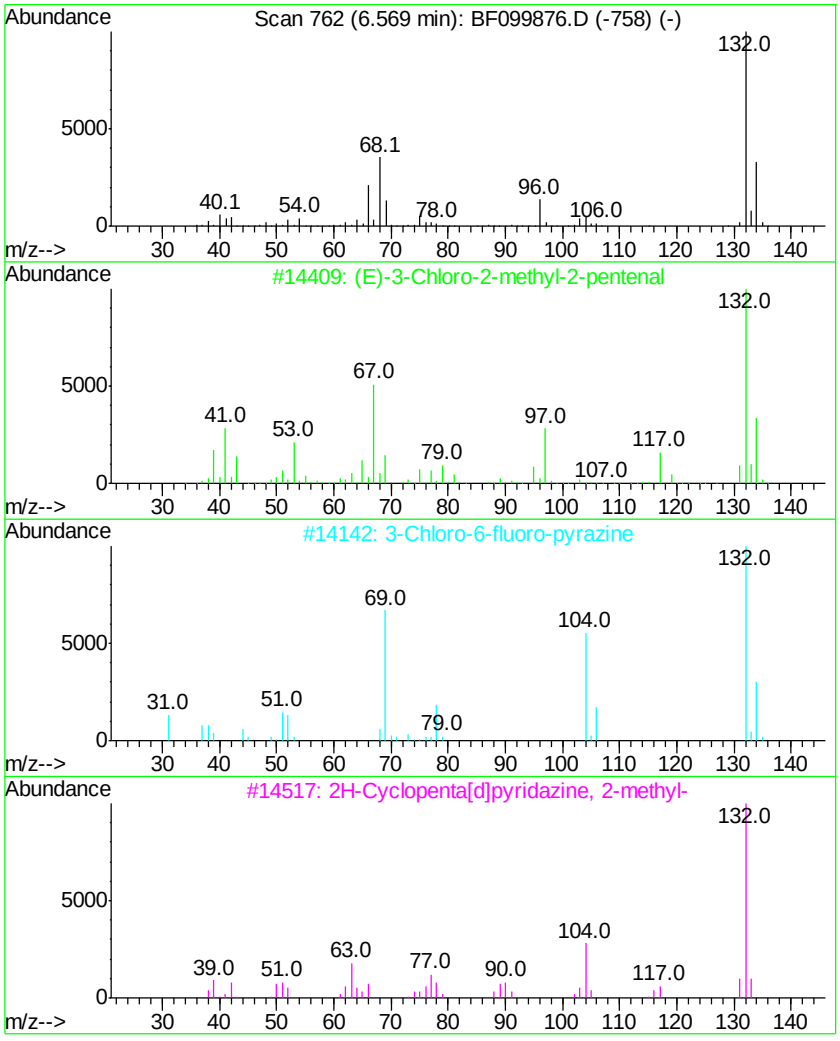
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

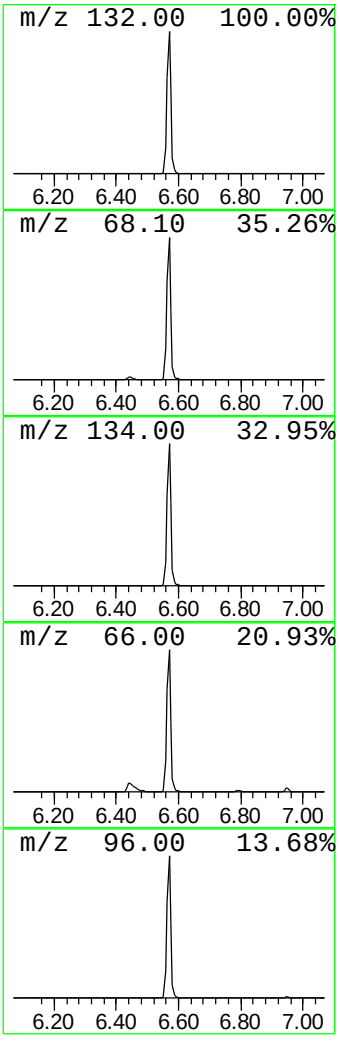
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.50 ng	2009790	1,4-Dichlorobenzene-d4	6.79

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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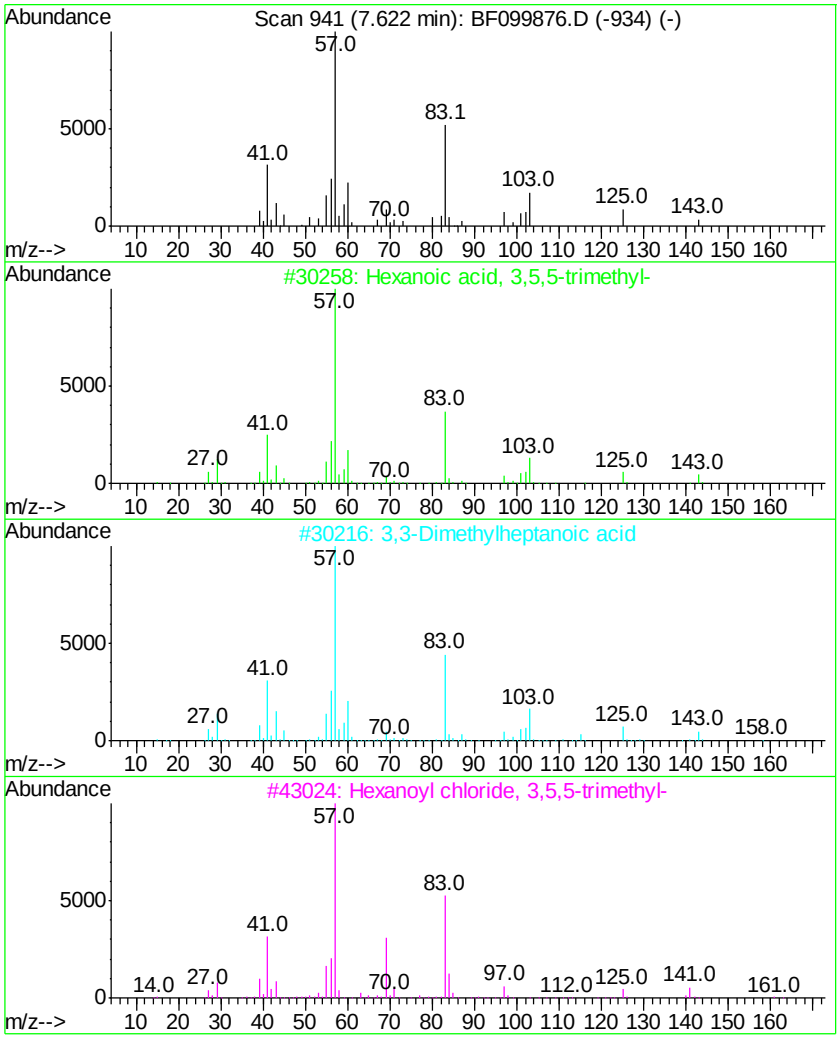
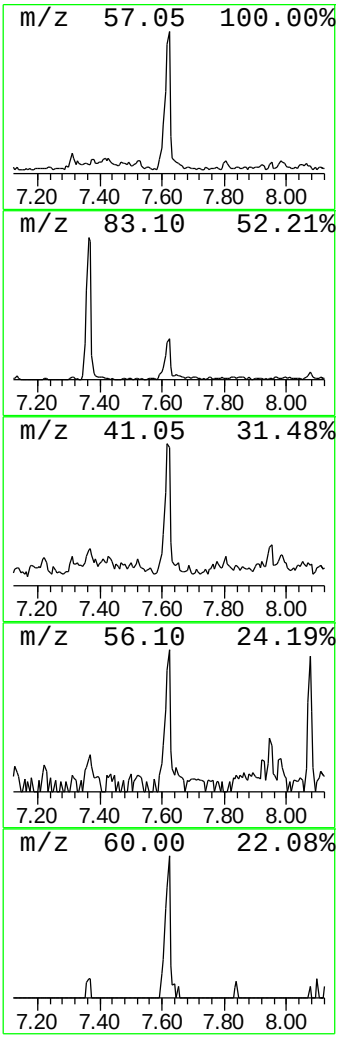
Peak Number 4 Hexanoic acid, 3,5,5-trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.48 ng	91238	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	40
4	Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	27
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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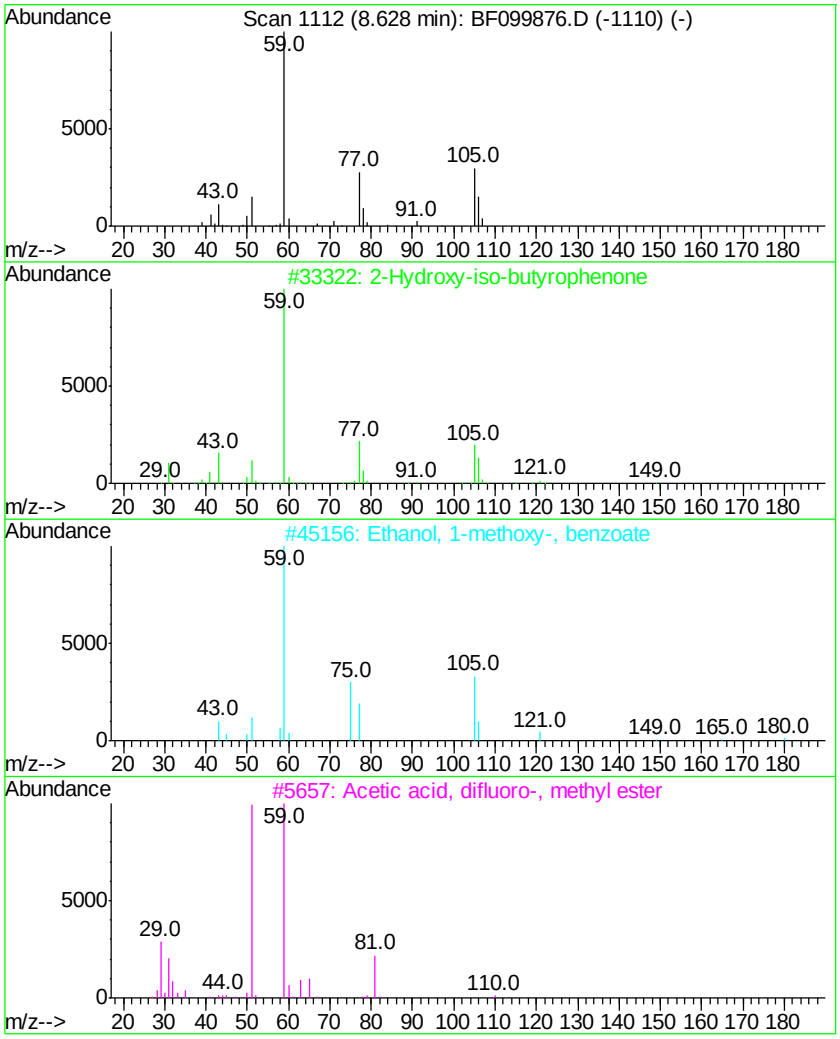
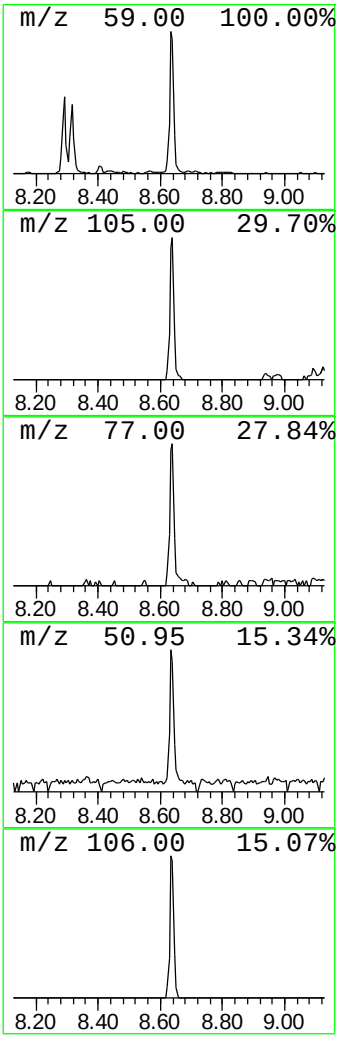
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.66 ng	98040	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3	Acetic acid, difluoro-, methyl e...	110	C3H4F2O2	000433-53-4	9
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9





Library Search Compound Report

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Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

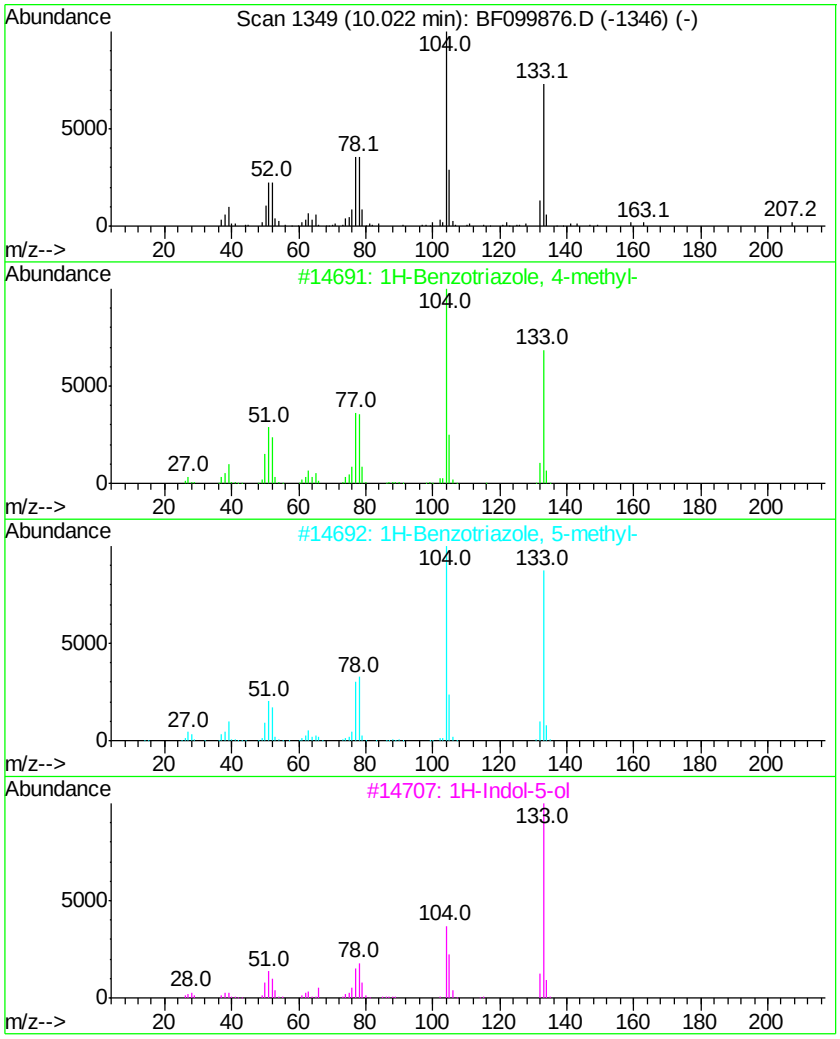
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

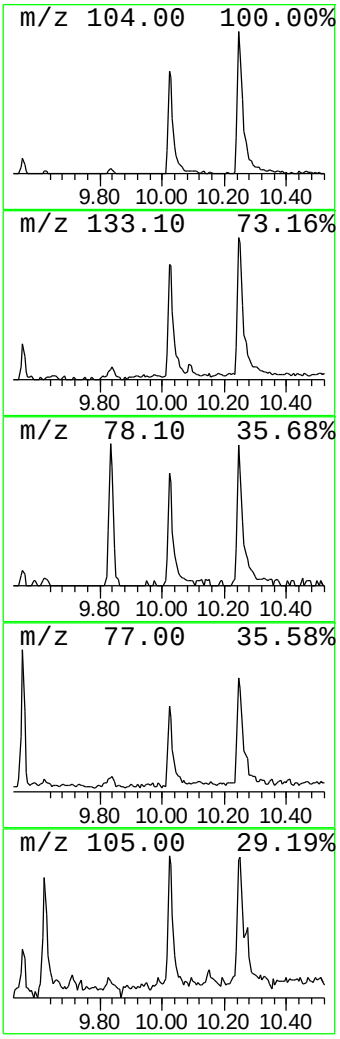
****

Peak Number 6 1H-Benzotriazole, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	2.59 ng	113504	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	83
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	74
5	Phenol, 4-bromo-2-[(1H-indazol-7...	317	C14H12BrN3O	1000350-54-6	58





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Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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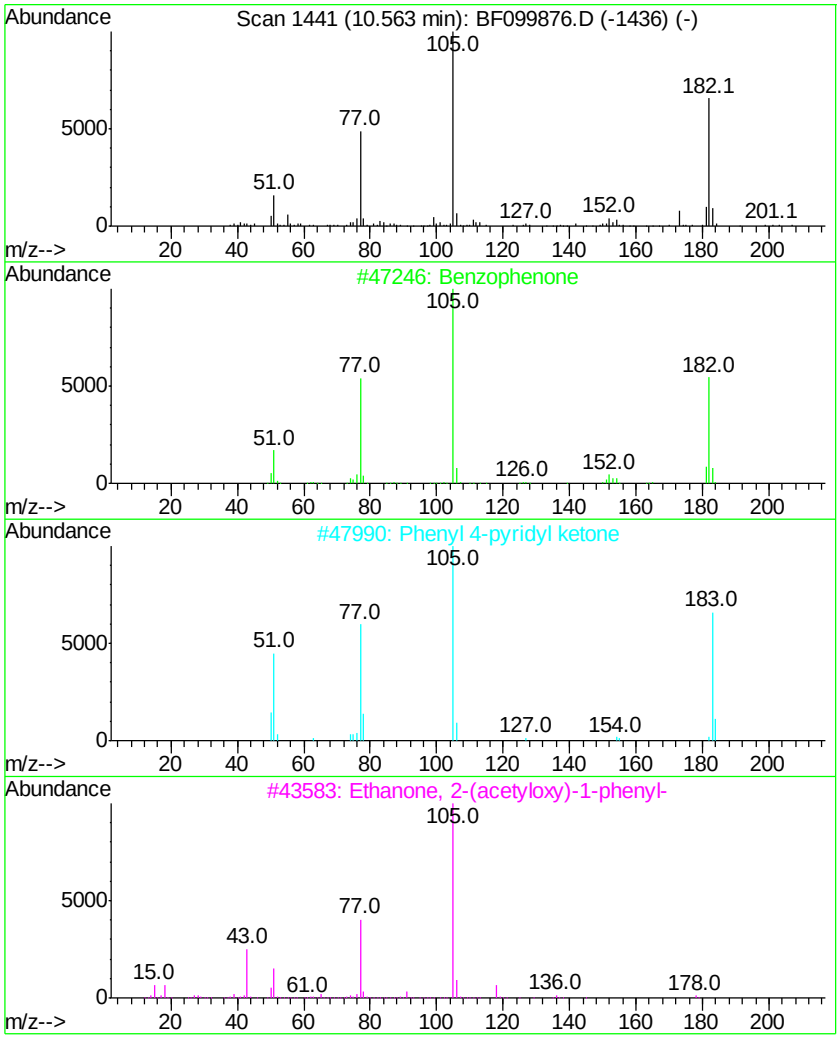
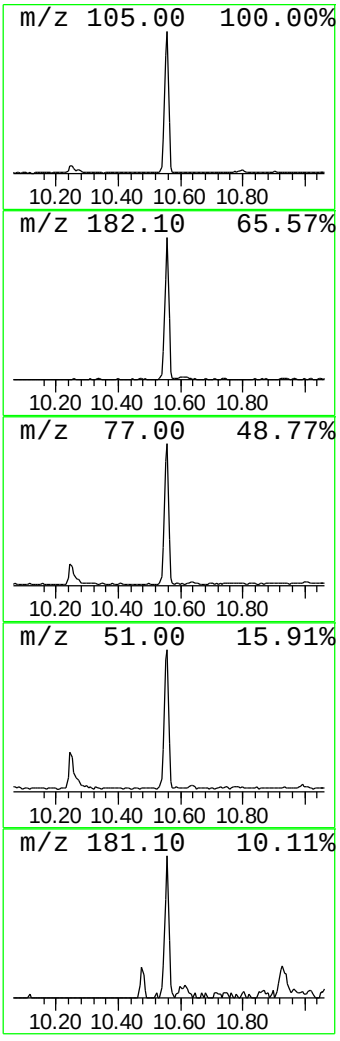
Peak Number 8 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.97 ng	349628	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	43
4	Cyclobutyl phenyl ketone	160	C11H12O	005407-98-7	43
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43





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Sample : I6118-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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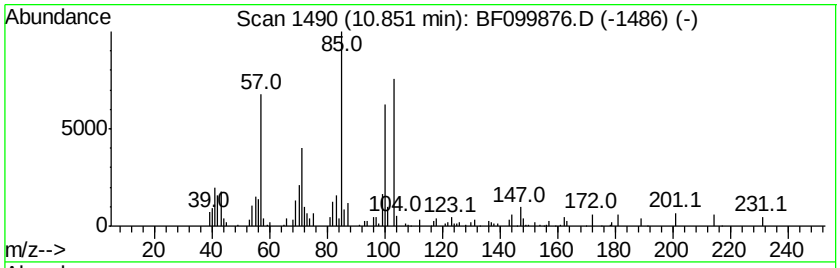
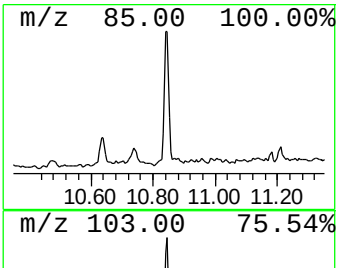
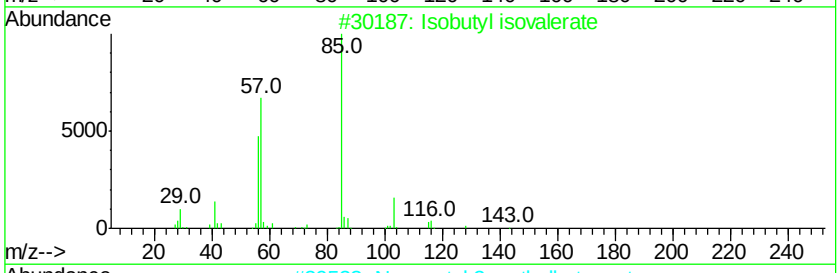
Peak Number 9 unknown10.85 Concentration Rank 17

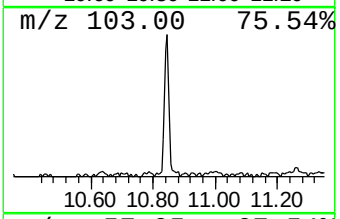
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.92 ng	156836	Phenanthrene-d10	11.33

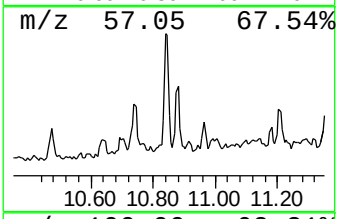
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl isovalerate	158	C9H18O2	000589-59-3	38
2	Neopentyl 2-methylbutanoate	172	C10H20O2	1000372-69-9	38
3	Malonic acid, di(2-ethylbutyl) e...	272	C15H28O4	1000348-96-5	27
4	Divinylmethyl(N-methylcarbamoylo...	185	C8H15NO2Si	120491-42-1	27
5	Heptacosane	380	C27H56	000593-49-7	27

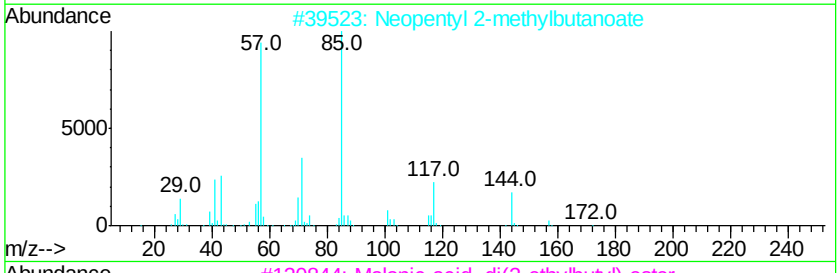


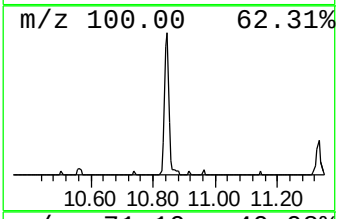


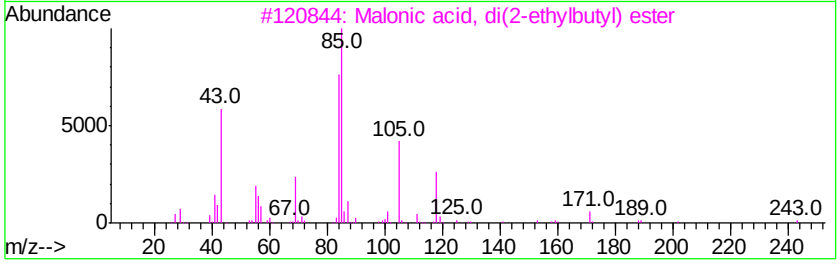


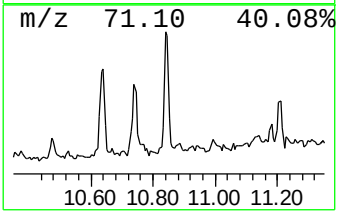












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Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

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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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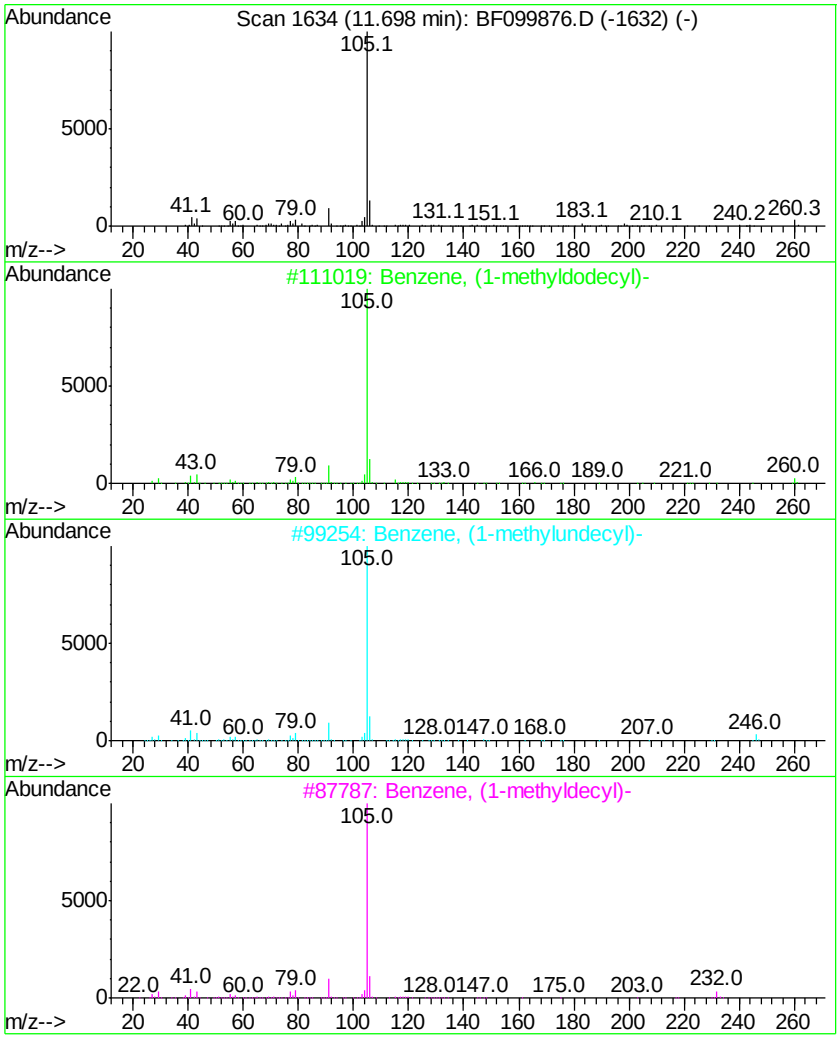
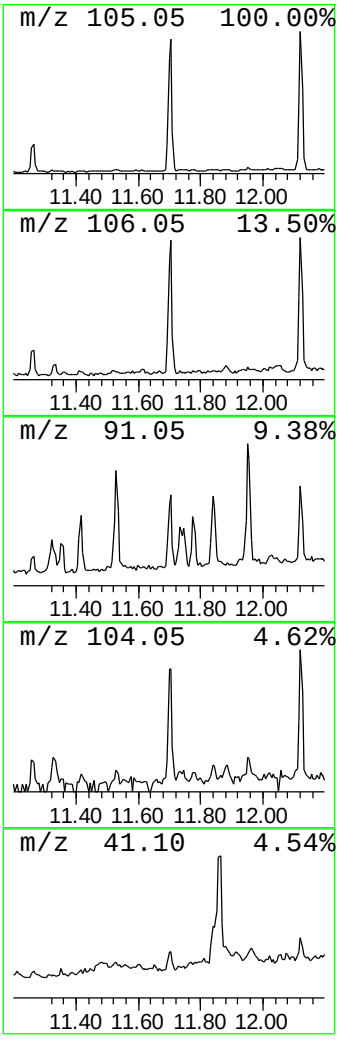
Peak Number 10 Benzene, (1-methyldodecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.26 ng	170226	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	81
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	58
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	43
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	43





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Misc :
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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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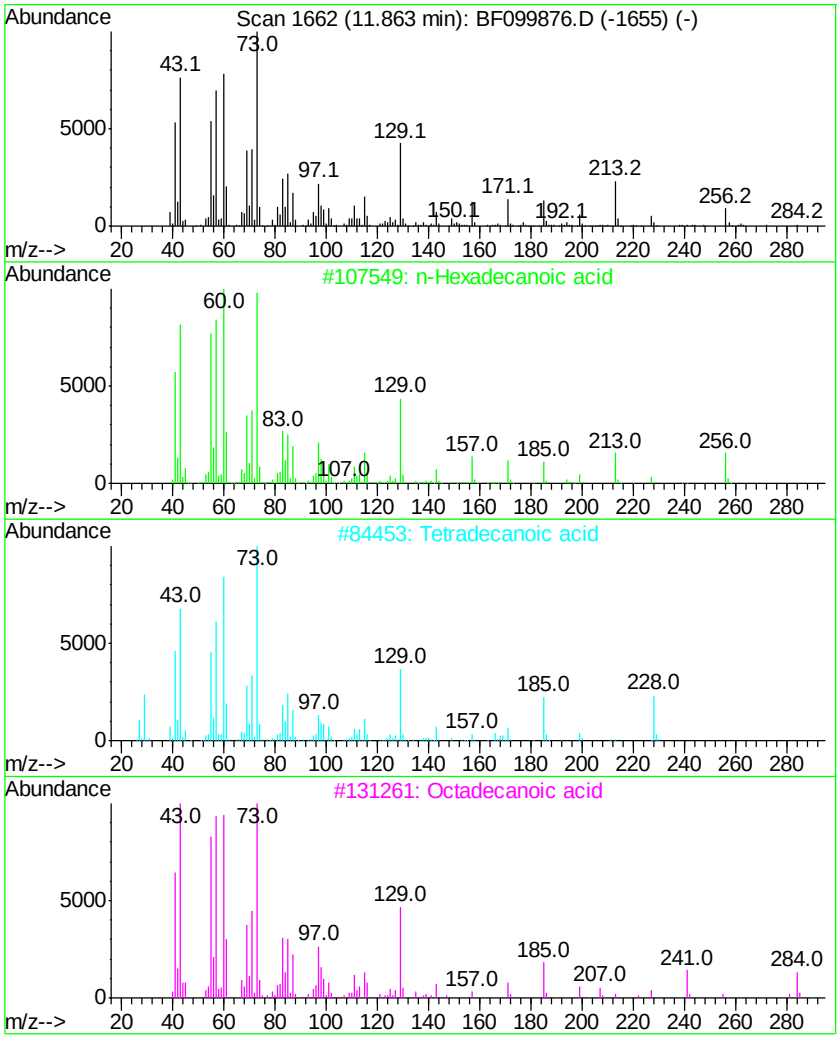
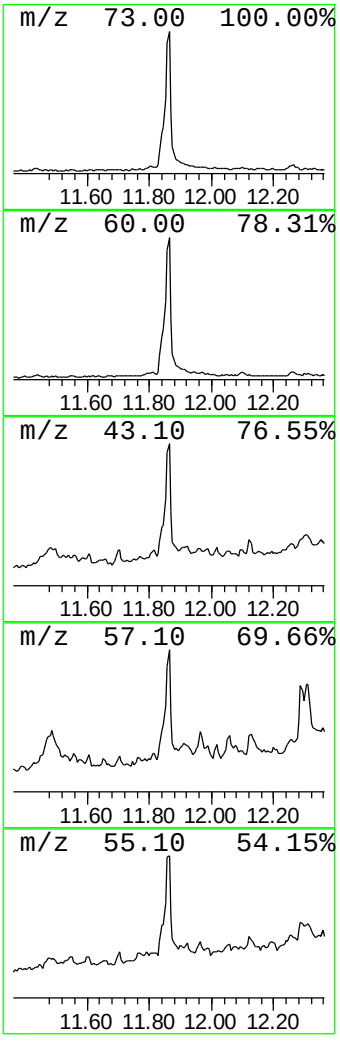
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.52 ng	700595	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

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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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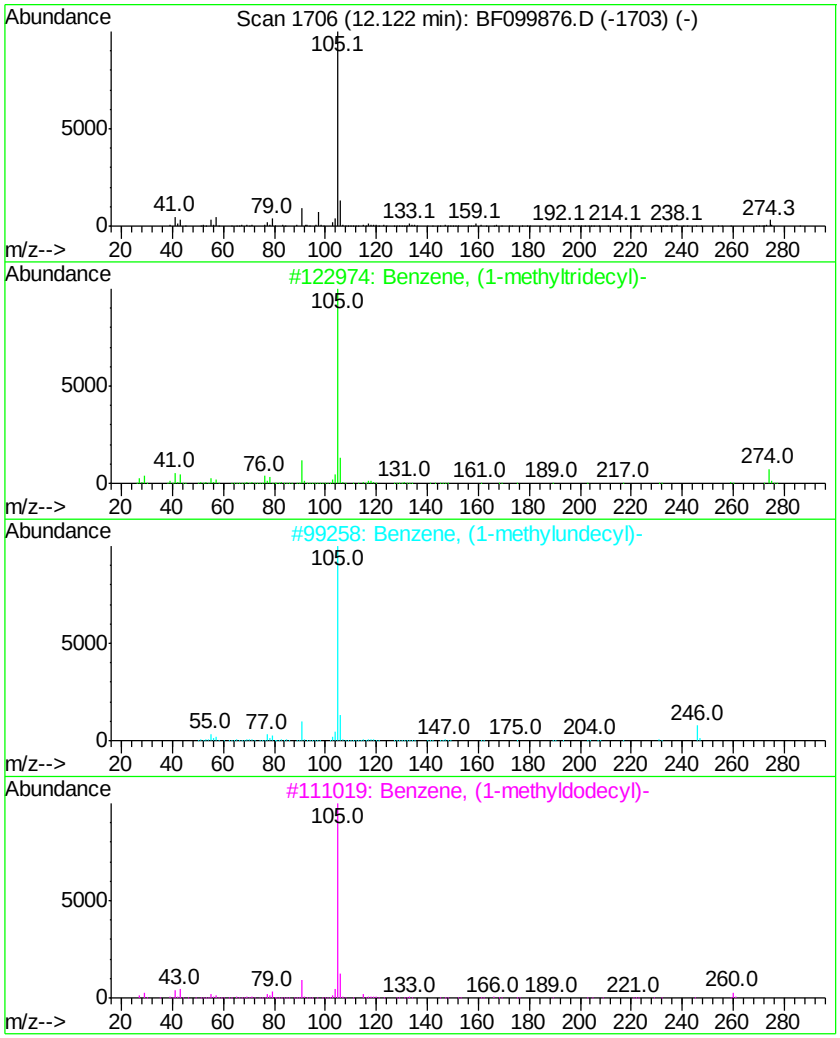
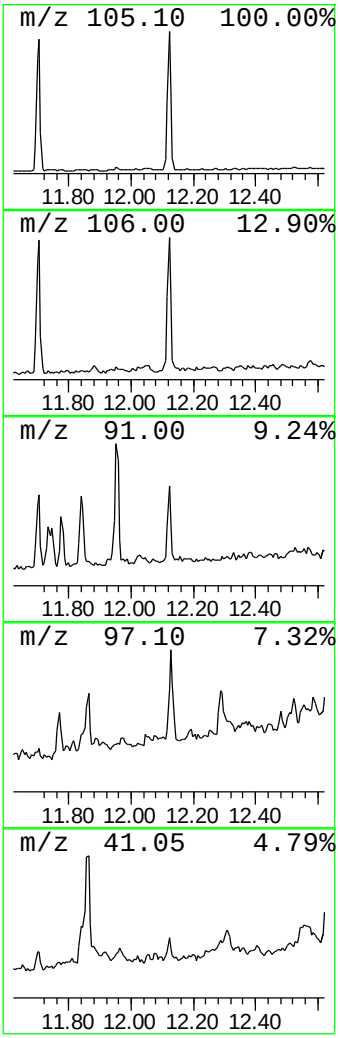
Peak Number 12 Benzene, (1-methyltridecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.01 ng	200395	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	64
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	43
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	43
5	Anisoylchlorid-4-tolylhydrazon	274	C15H15ClN2O	062583-05-5	37





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Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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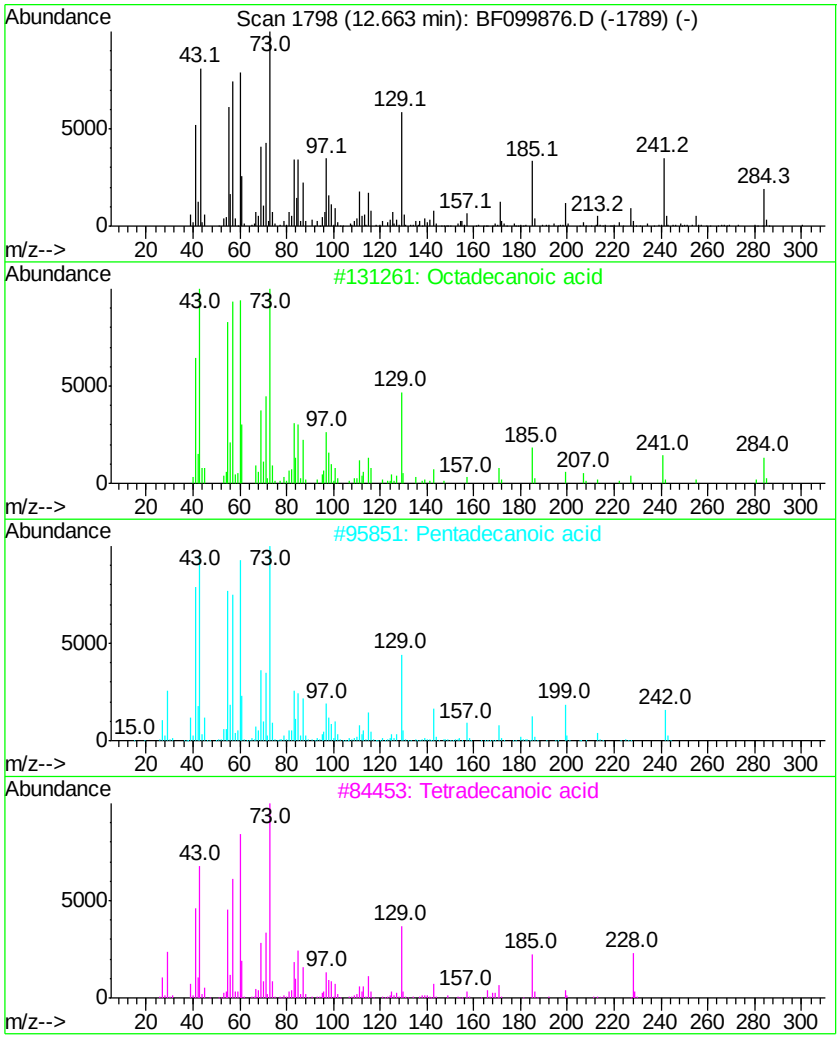
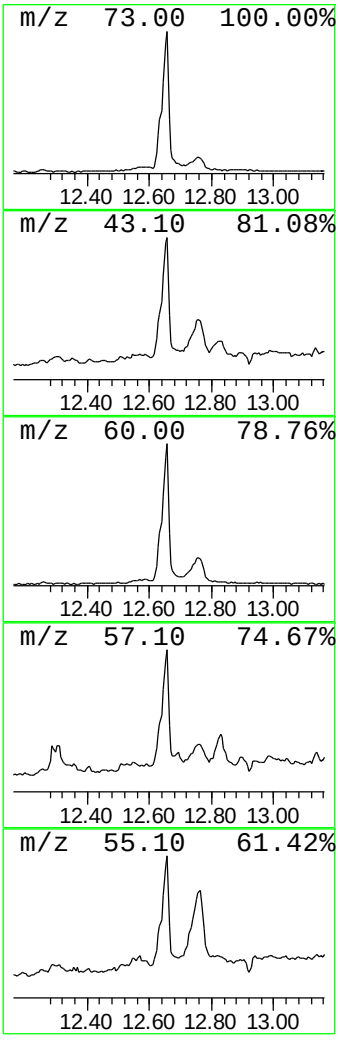
Peak Number 13 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	44.50 ng	1779830	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	18





Library Search Compound Report

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Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

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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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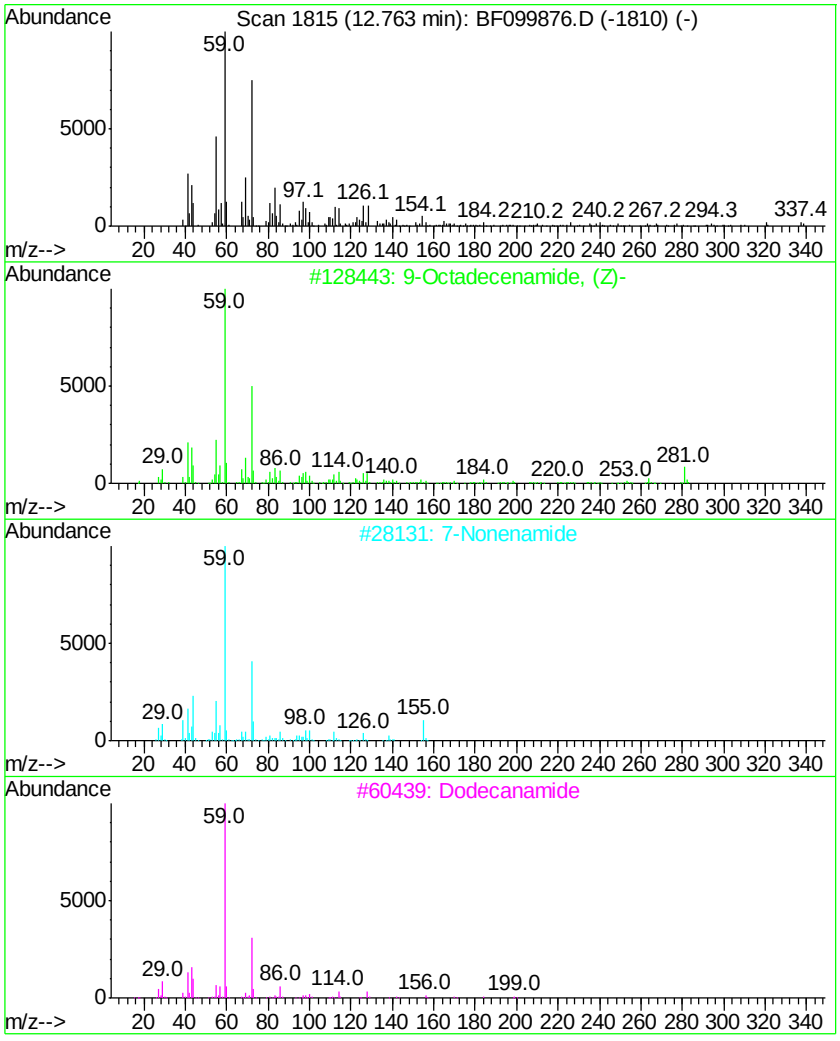
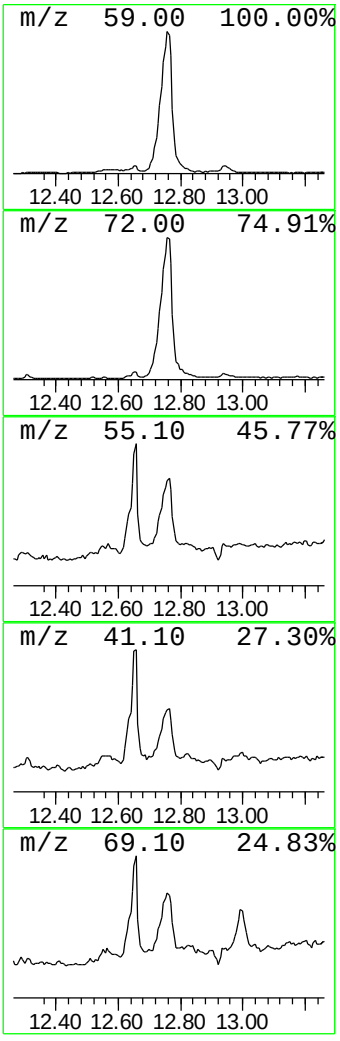
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	43.60 ng	1103760	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	7-Nonenamide	155	C9H17NO	090949-53-4	59
3	Dodecanamide	199	C12H25NO	001120-16-7	50
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	43





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Misc :
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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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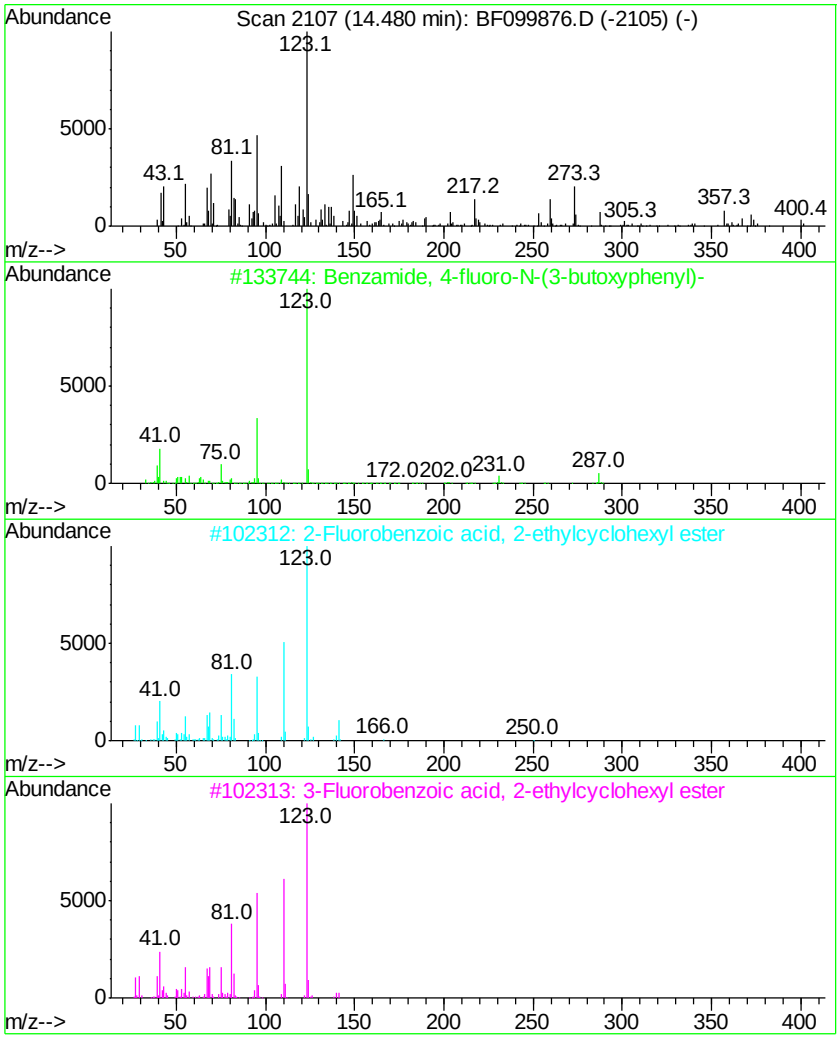
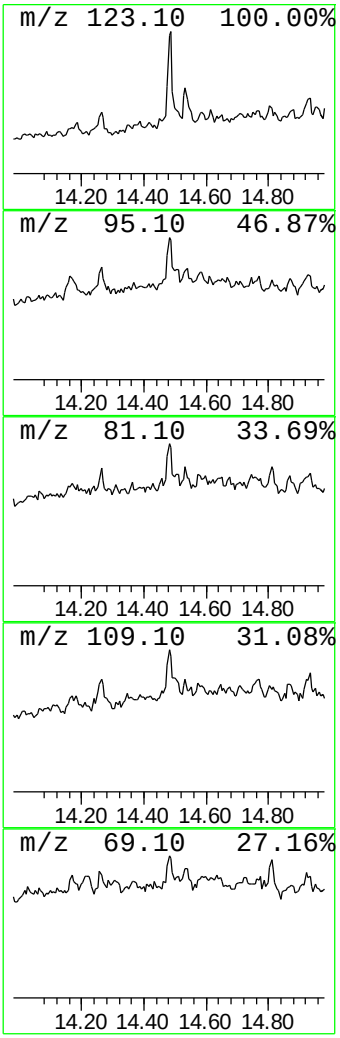
Peak Number 15 unknown14.48 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	10.12 ng	256055	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-(3-butoxyp...	287	C17H18FNO2	313276-40-3	46
2	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	43
3	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43
4	Benzoic acid, 4-fluoro-, N'-[(5,...	248	C13H13FN2O2	1000350-57-6	43
5	(3-Fluorobenzoyl)carbamic acid 1...	301	C12H12FNO5S	1000303-31-1	43





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Misc :
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ClientSampleId : FRAC-TANK-102417

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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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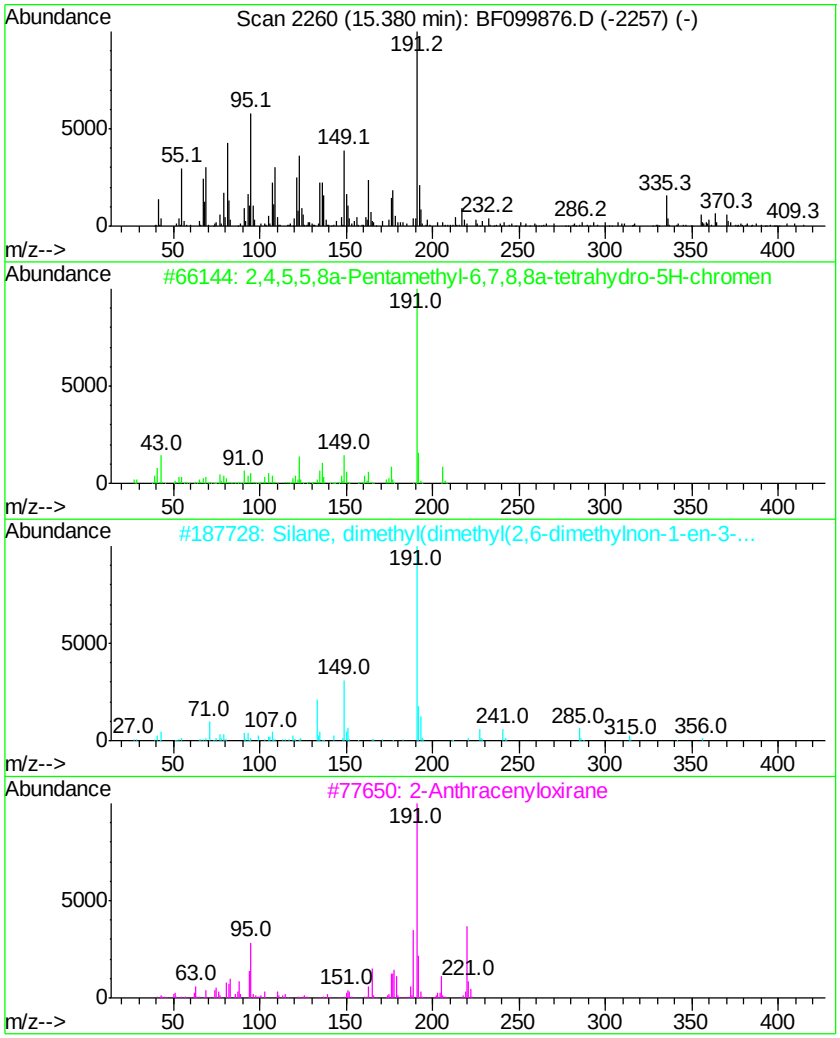
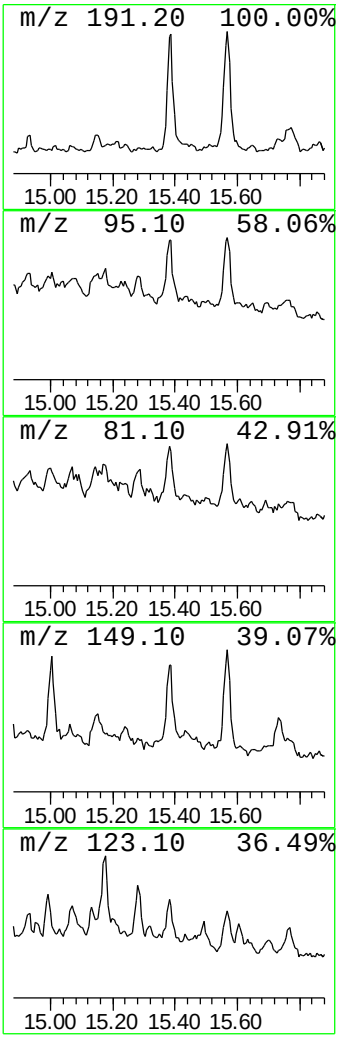
Peak Number 16 2,4,5,5,8a-Pentamethyl-6,7,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	10.87 ng	370600	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	52
2	Silane, dimethyl(dimethyl(2,6-di...	356	C18H36O3Si2	1000347-91-3	43
3	2-Anthracenyloxirane	220	C16H12O	052643-86-4	38
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
5	6-(2-Fluoro-phenyl)-5-nitro-pipe...	238	C11H11FN2O3	1000275-16-4	35





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Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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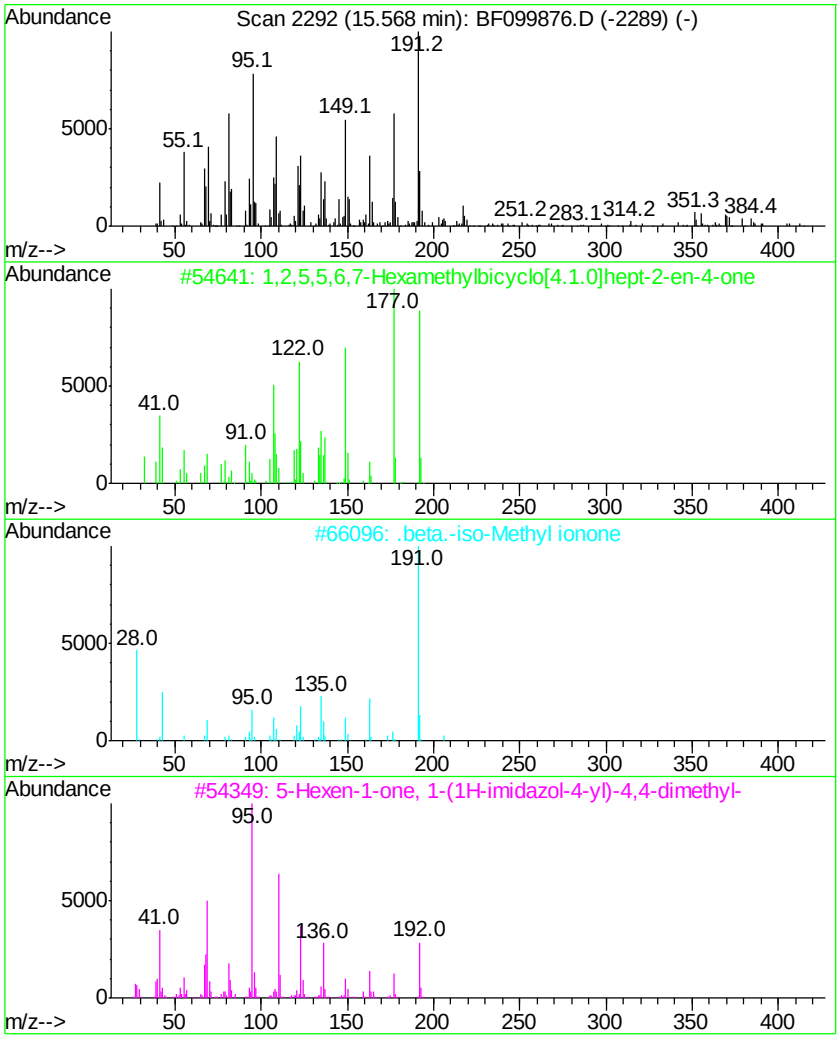
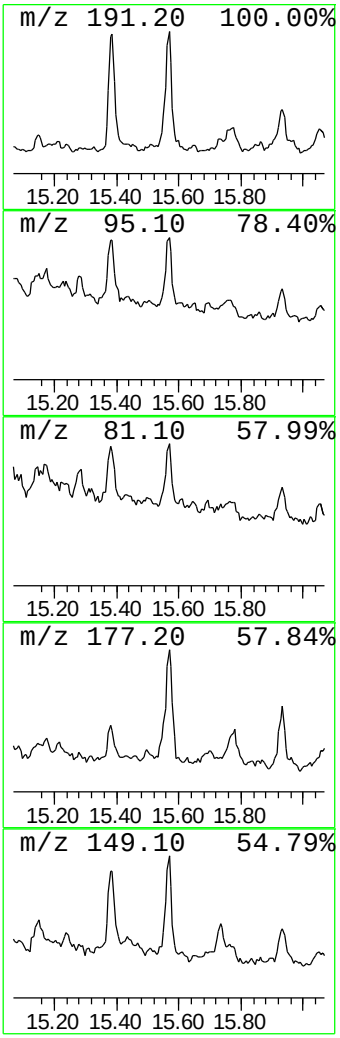
Peak Number 17 unknown15.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	11.90 ng	405727	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5,5,6,7-Hexamethylbicyclo[4....	192	C13H20O	1000110-52-5	30
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	27
3	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	22
4	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	18
5	1,5-Cyclooctadiene, 1-t-butyl-	164	C12H20	1000152-18-6	18





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Misc :
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TIC Library : C:\DATABASE\NIST11.L
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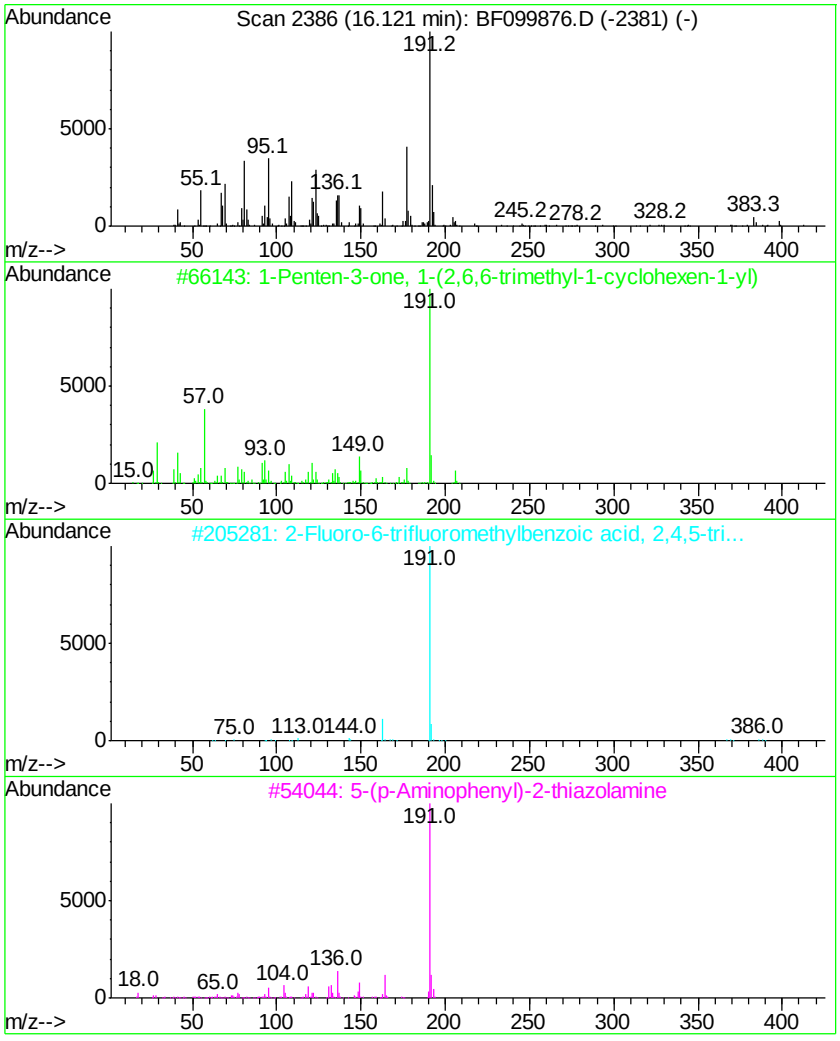
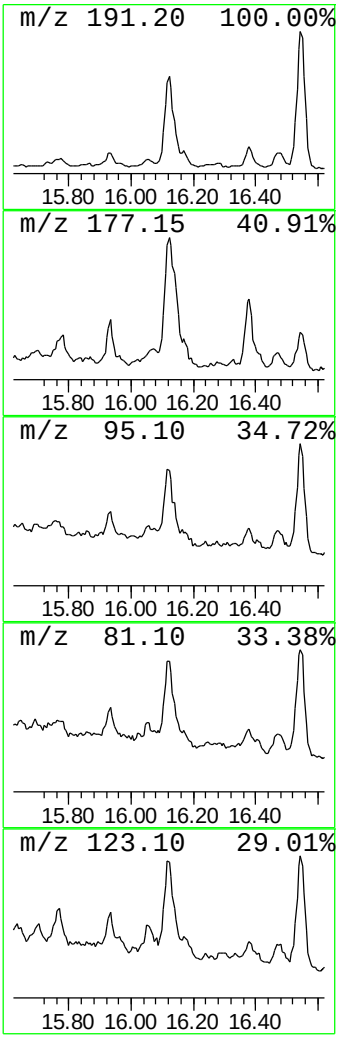
Peak Number 18 unknown16.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	43.06 ng	1468670	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
2	2-Fluoro-6-trifluoromethylbenzoi...	386	C14H5Cl3F4O2	1000357-30-9	27
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
4	3-Fluoro-4-trifluoromethylbenzoi...	386	C14H5Cl3F4O2	1000360-60-0	27
5	6-Fluoro-2-trifluoromethylbenzoi...	320	C16H20F4O2	1000338-98-2	27





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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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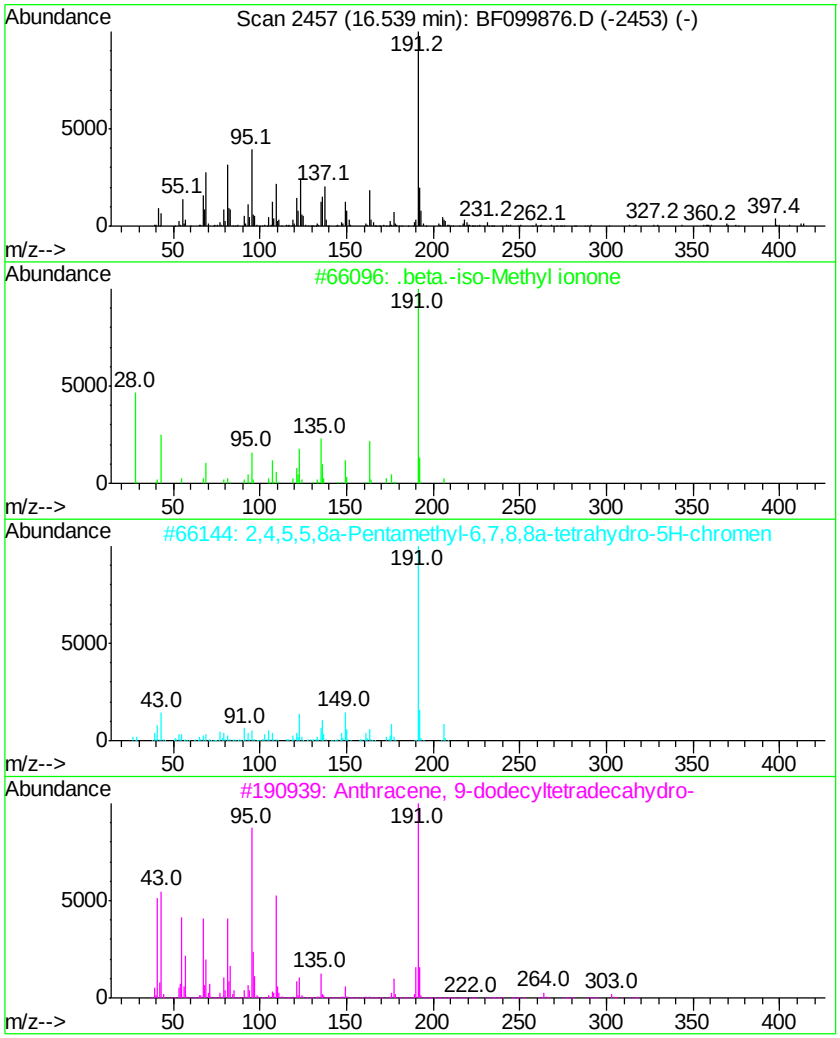
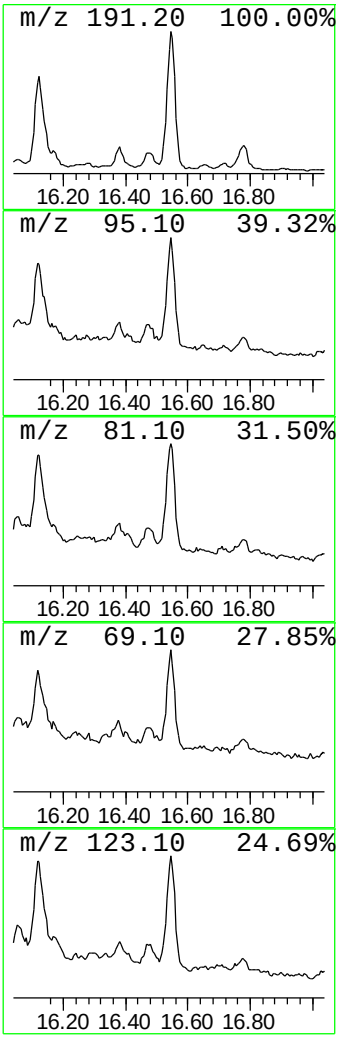
Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	36.19 ng	1234130	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	38





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Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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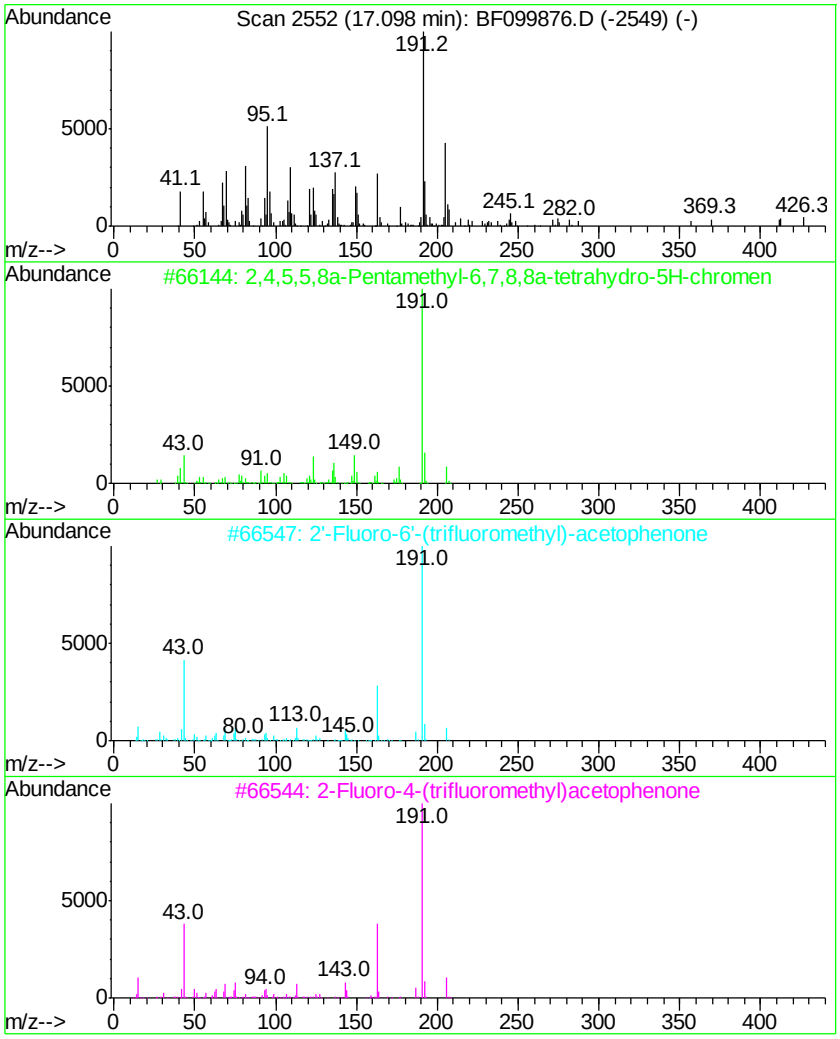
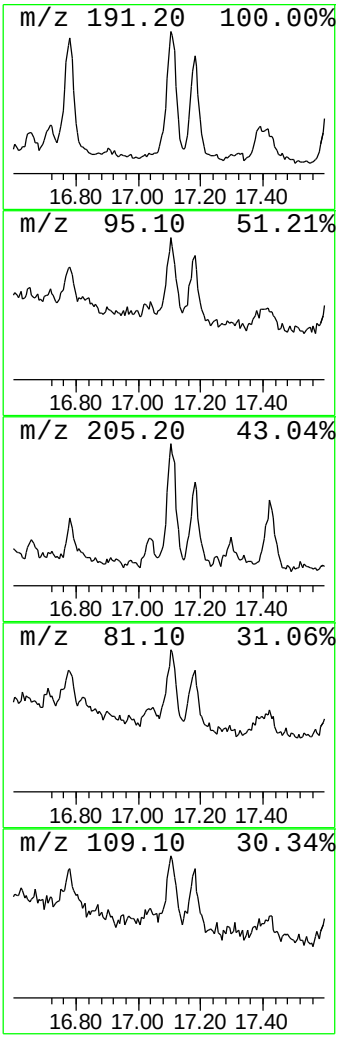
Peak Number 20 unknown17.10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	9.53 ng	325023	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	35
2	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	27
3	2-Fluoro-4-(trifluoromethyl)acet...	206	C9H6F4O	122023-29-4	27
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
5	Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099876.D
Acq On : 27 Oct 2017 14:45
Operator : SJ/JU
Sample : I6118-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-102417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
unknown5.00	5.00	5.8	ng	153927	1	6.79	532404	20.0
unknown6.57	6.57	75.5	ng	2009790	1	6.79	532404	20.0
Hexanoic acid, 3,...	7.62	2.5	ng	91238	2	8.07	735896	20.0
2-Hydroxy-iso-but...	8.63	2.7	ng	98040	2	8.07	735896	20.0
1H-Benzotriazole,...	10.02	2.6	ng	113504	3	9.83	877870	20.0
Benzophenone	10.56	8.0	ng	349628	3	9.83	877870	20.0
unknown10.85	10.85	3.9	ng	156836	4	11.33	799846	20.0
Benzene, (1-methy...	11.70	4.3	ng	170226	4	11.33	799846	20.0
n-Hexadecanoic acid	11.86	17.5	ng	700595	4	11.33	799846	20.0
Benzene, (1-methy...	12.12	5.0	ng	200395	4	11.33	799846	20.0
Octadecanoic acid	12.66	44.5	ng	1779830	4	11.33	799846	20.0
9-Octadecenamide,...	12.76	43.6	ng	1103760	5	13.99	506283	20.0
unknown14.48	14.48	10.1	ng	256055	5	13.99	506283	20.0
2,4,5,5,8a-Pentam...	15.38	10.9	ng	370600	6	15.47	682073	20.0
unknown15.57	15.57	11.9	ng	405727	6	15.47	682073	20.0
unknown16.12	16.12	43.1	ng	1468670	6	15.47	682073	20.0
.beta.-iso-Methyl...	16.54	36.2	ng	1234130	6	15.47	682073	20.0
unknown17.10	17.10	9.5	ng	325023	6	15.47	682073	20.0