LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107088.D
Acq On : 3 Jul 2018 18:02
Operator : JU/SJ
Sample : J3798-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.184	481	484	492	rBV	45092	48162	4.70%	0.632%
2	5.601	552	555	568	rBV	287762	298222	29.08%	3.913%
3	6.601	722	725	739	rBV2	207223	285678	27.85%	3.748%
4	6.736	744	748	753	rBV	525441	510156	49.74%	6.693%
5	6.954	782	785	789	rBV	422491	337907	32.94%	4.433%
6	7.007	791	794	802	rVB2	17476	18729	1.83%	0.246%
7	7.113	808	812	815	rBV	880304	736636	71.82%	9.664%
8	7.519	877	881	890	rBV	570894	537466	52.40%	7.051%
9	7.666	903	906	909	rVB	35688	29913	2.92%	0.392%
10	8.242	1000	1004	1010	rBV	411825	400500	39.05%	5.254%
11	8.525	1048	1052	1060	rBV	32750	44264	4.32%	0.581%
12	9.313	1182	1186	1194	rBV	1135873	1010614	98.53%	13.259%
13	9.707	1249	1253	1259	rBV	254155	235381	22.95%	3.088%
14	9.754	1259	1261	1265	rVB	28551	23069	2.25%	0.303%
15	9.866	1276	1280	1284	rBV	30783	30149	2.94%	0.396%
16	10.001	1299	1303	1312	rVB	462701	417959	40.75%	5.483%
17	10.795	1435	1438	1449	rBV	340077	317083	30.91%	4.160%
18	10.924	1456	1460	1467	rBV	8760	14417	1.41%	0.189%
19	11.495	1553	1557	1565	rBV	467629	404582	39.44%	5.308%
20	12.736	1765	1768	1773	rBV	107270	88104	8.59%	1.156%
21	13.077	1822	1826	1829	rBV	1159398	1025691	100.00%	13.457%
22	13.954	1972	1975	1980	rBV2	66617	78209	7.63%	1.026%
23	14.148	2005	2008	2014	rBV	384632	387902	37.82%	5.089%
24	14.583	2079	2082	2086	rBV4	22762	38925	3.80%	0.511%
25	14.901	2133	2136	2140	rBV	25015	31829	3.10%	0.418%
26	15.695	2267	2271	2279	rVB	186932	270618	26.38%	3.550%

Sum of corrected areas: 7622165

LSC Report - Integrated Chromatogram

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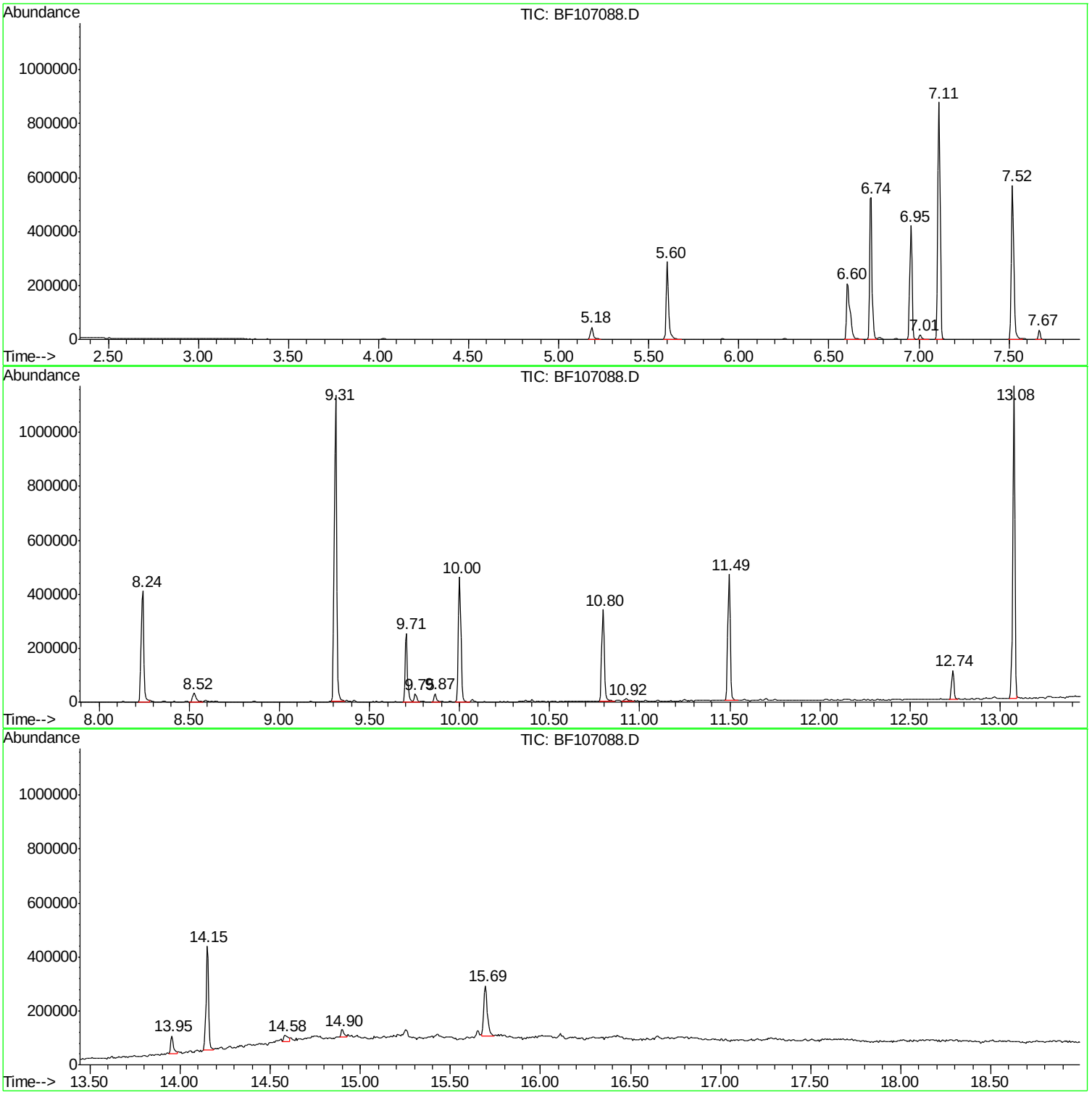
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107088.D
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Operator : JU/SJ
Sample : J3798-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

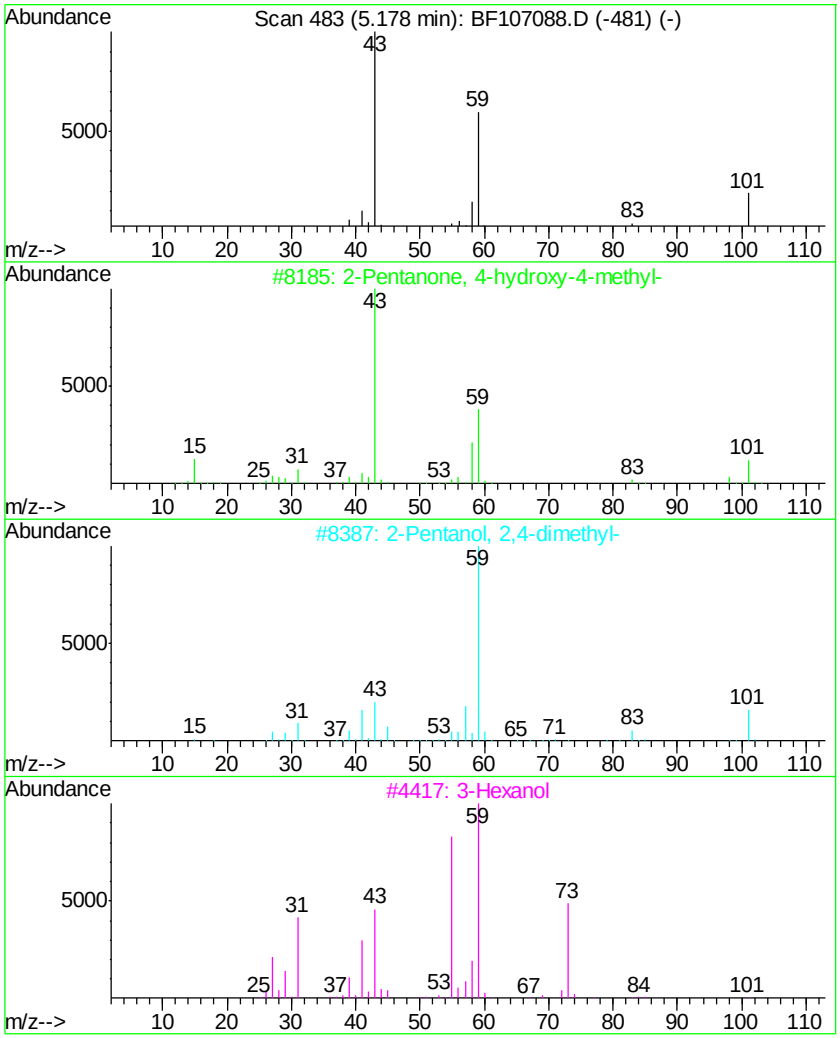
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

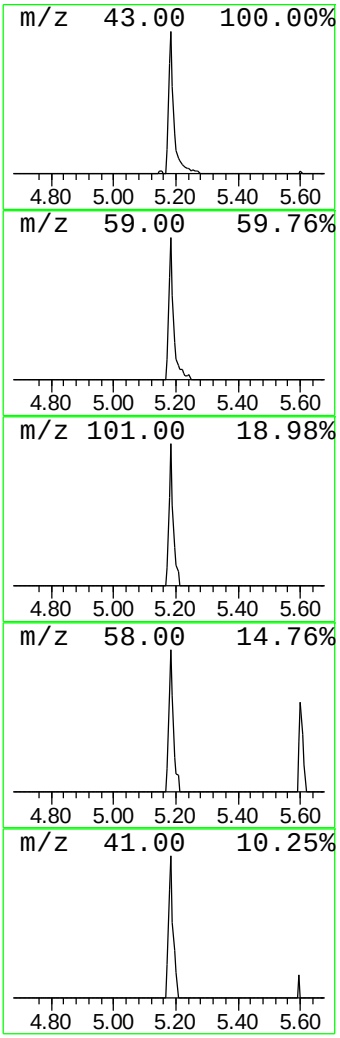
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.85 ng	48162	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





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Acq On : 3 Jul 2018 18:02
Operator : JU/SJ
Sample : J3798-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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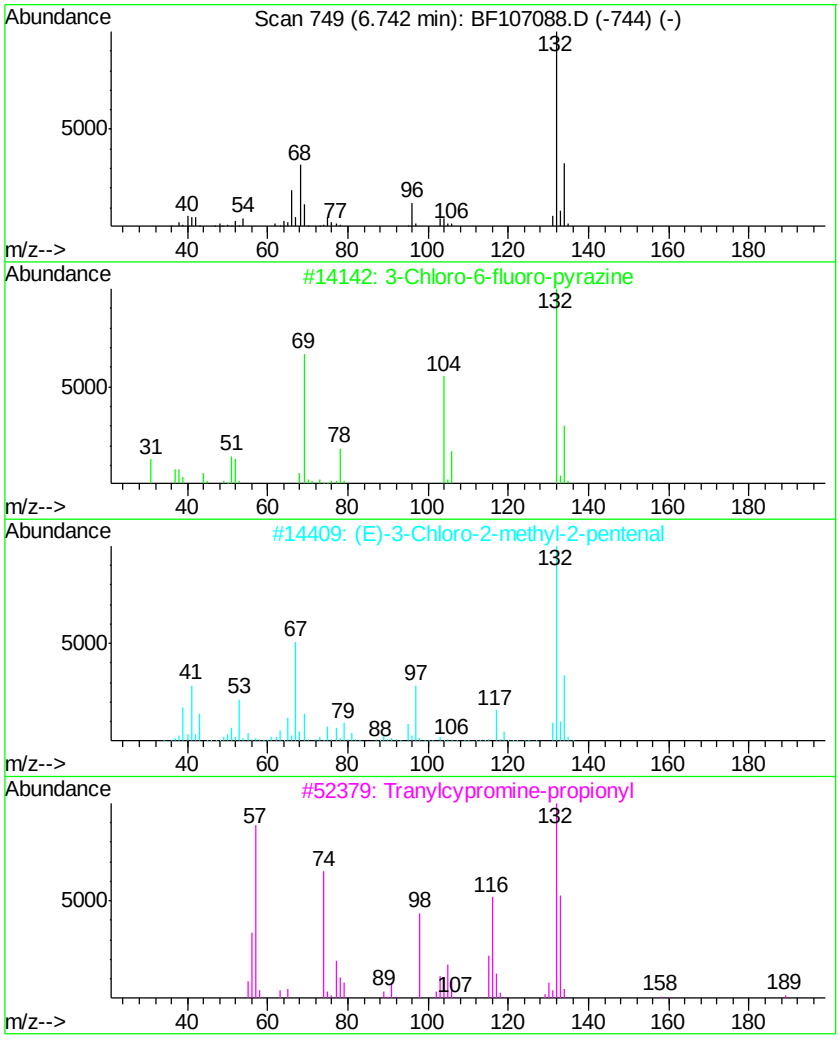
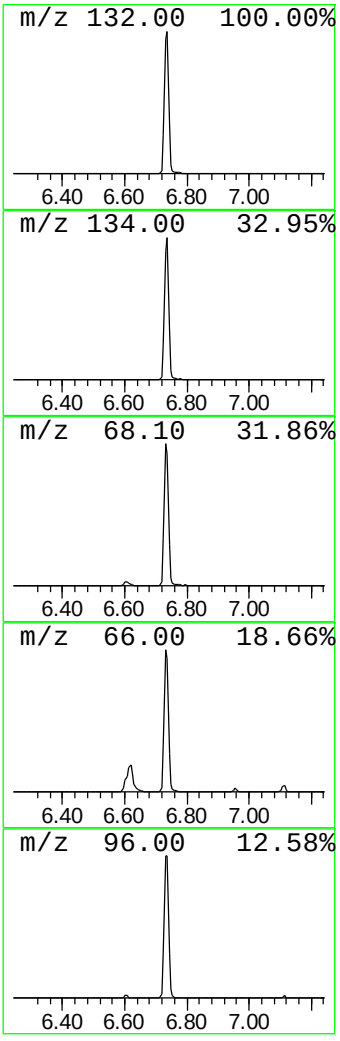
Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	30.20 ng	510156	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107088.D
Acq On : 3 Jul 2018 18:02
Operator : JU/SJ
Sample : J3798-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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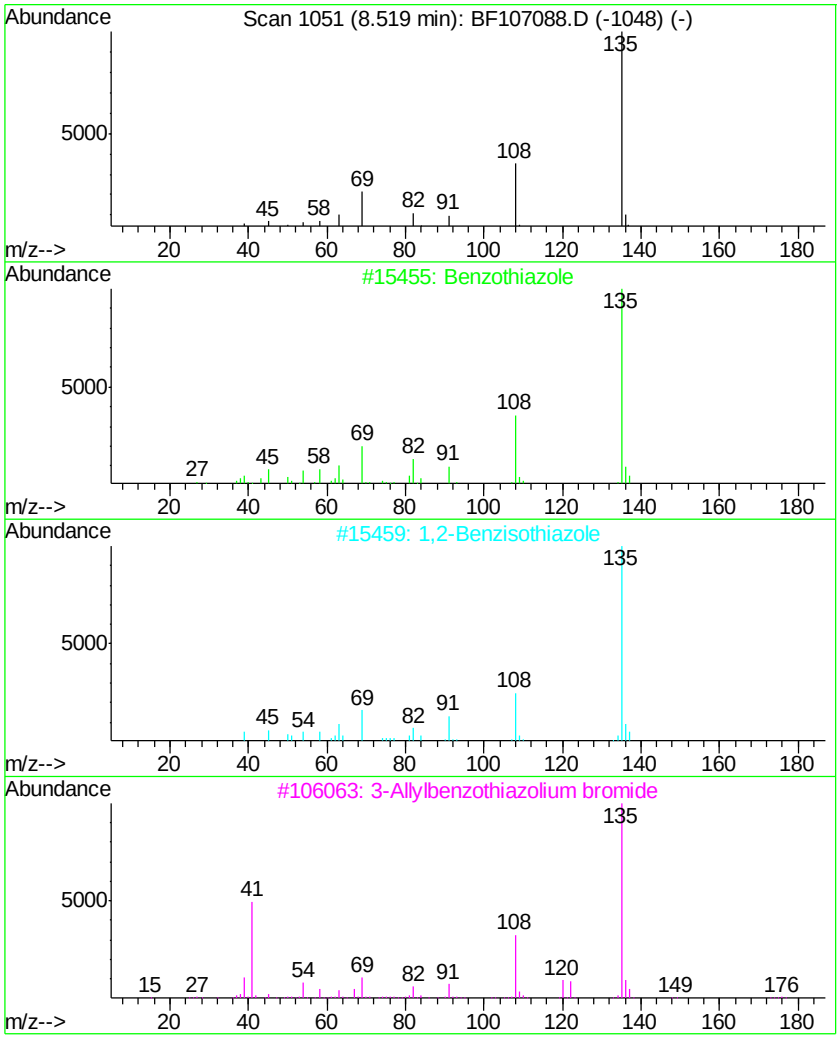
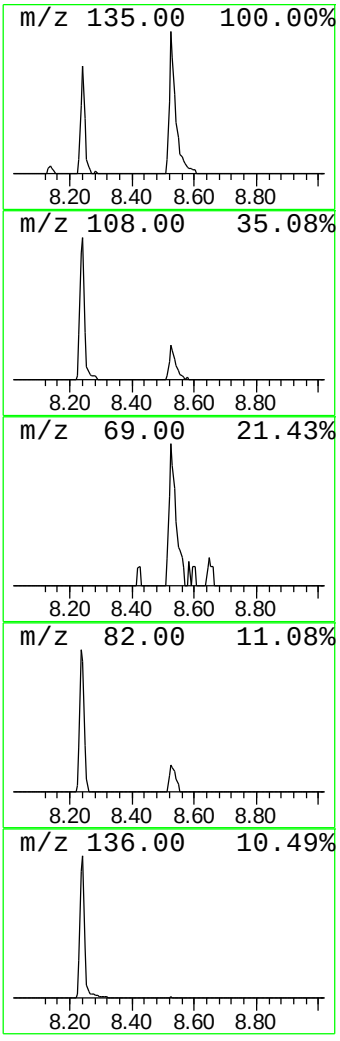
Peak Number 4 Benzothiazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.21 ng	44264	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	91
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	91
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	78
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	59





Library Search Compound Report

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Data File : BF107088.D
Acq On : 3 Jul 2018 18:02
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Sample : J3798-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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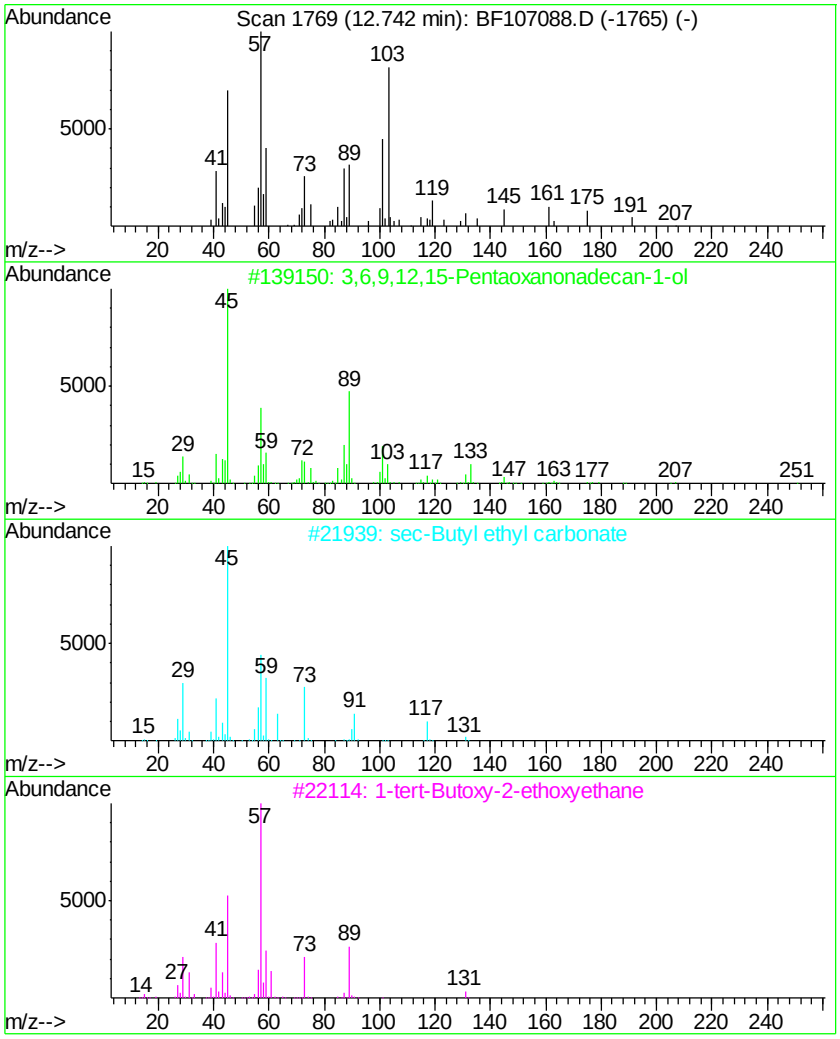
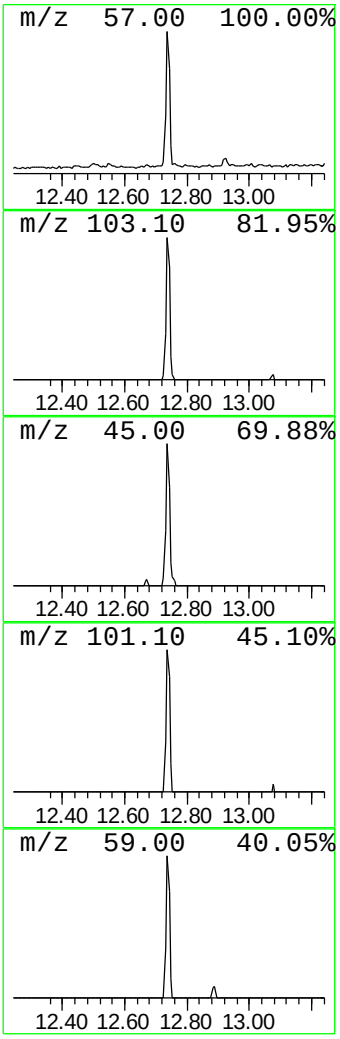
Peak Number 5 unknown12.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	4.36 ng	88104	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	35
2	sec-Butyl ethyl carbonate	146	C7H14O3	1000373-77-7	35
3	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	35
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	35
5	Sulfurous acid, di(2-methyl-4-me...	282	C12H26O5S	1000309-20-7	27





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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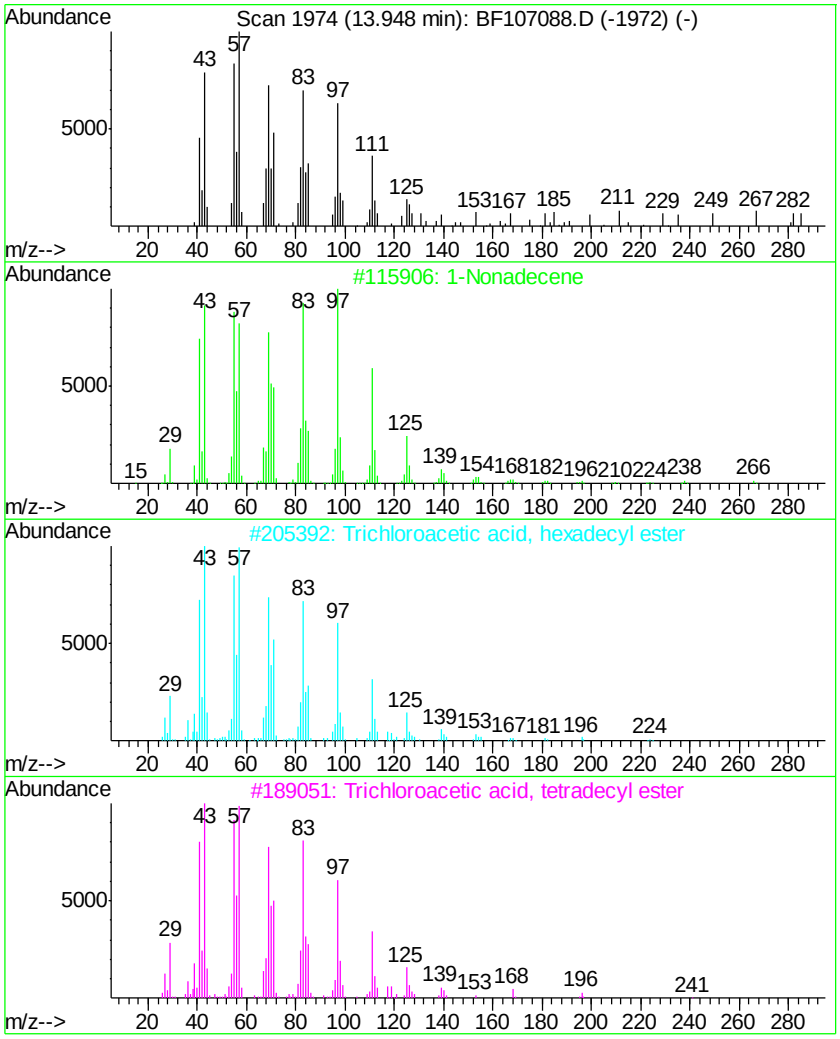
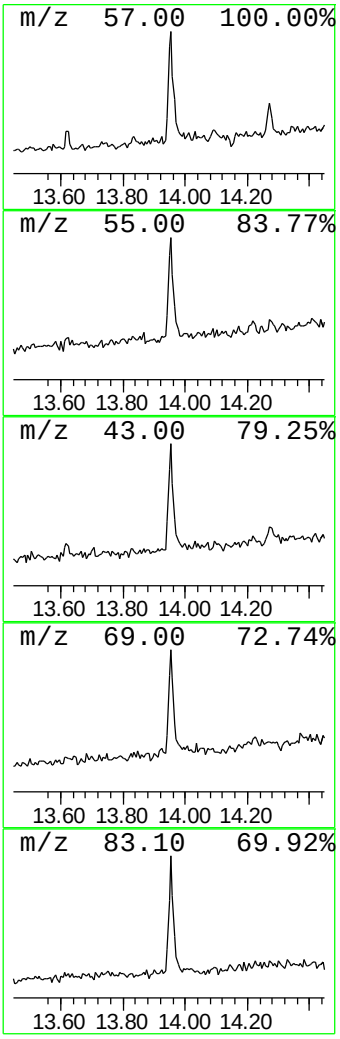
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.03 ng	78209	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90





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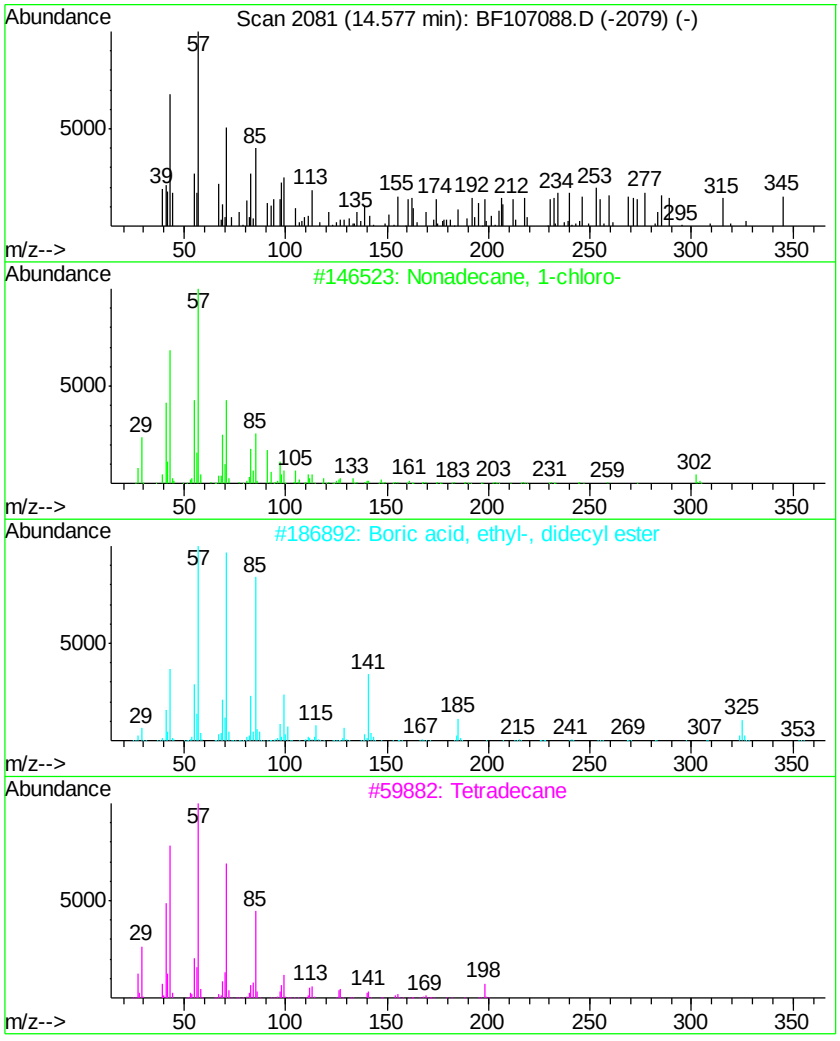
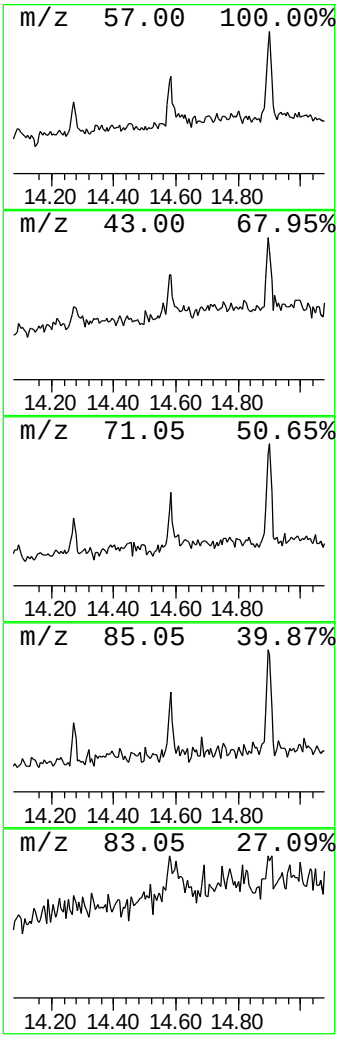
****

Peak Number 7 unknown14.58 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.01 ng	38925	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	30
2	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	22
3	Tetradecane	198	C14H30	000629-59-4	20
4	Hexadecane	226	C16H34	000544-76-3	20
5	Piperazine, 1,4-diisobutyryl-	226	C12H22N2O2	018940-58-4	18





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	2.9	ng	48162	1	6.95	337907	20.0
unknown6.74	6.74	30.2	ng	510156	1	6.95	337907	20.0
Benzothiazole	8.52	2.2	ng	44264	2	8.24	400500	20.0
unknown12.74	12.74	4.4	ng	88104	4	11.49	404582	20.0
1-Nonadecene	13.95	4.0	ng	78209	5	14.15	387902	20.0
unknown14.58	14.58	2.0	ng	38925	5	14.15	387902	20.0