LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098712.D
Acq On : 22 Sep 2017 22:42
Operator : SJ/JU
Sample : I5304-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

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-BF092117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	25	29	35	rVB	89859	128621	3.39%	0.405%
2	5.163	519	523	533	rVB	520905	660387	17.43%	2.080%
3	5.551	583	589	592	rBV	3653180	3649339	96.30%	11.495%
4	6.551	753	759	763	rBV	3372264	3789637	100.00%	11.937%
5	6.698	779	784	787	rBV	3862914	3750556	98.97%	11.814%
6	6.928	819	823	827	rBV	1133350	922349	24.34%	2.905%
7	7.087	846	850	853	rVB	3042286	2574153	67.93%	8.109%
8	7.492	913	919	922	rBV	2273231	2297326	60.62%	7.237%
9	8.210	1037	1041	1044	rVB	1557513	1234595	32.58%	3.889%
10	9.286	1218	1224	1227	rBV	3831436	3424637	90.37%	10.788%
11	9.675	1286	1290	1293	rBV	446537	351219	9.27%	1.106%
12	9.963	1335	1339	1343	rBV	1343772	1212102	31.98%	3.818%
13	10.751	1469	1473	1476	rBV	2116284	1858844	49.05%	5.855%
14	10.857	1488	1491	1499	rBV	45646	50203	1.32%	0.158%
15	11.392	1579	1582	1588	rVB2	49573	47639	1.26%	0.150%
16	11.451	1588	1592	1595	rBV	1210130	982925	25.94%	3.096%
17	11.657	1624	1627	1629	rBV	52598	39990	1.06%	0.126%
18	11.827	1653	1656	1659	rBV	124429	108774	2.87%	0.343%
19	11.963	1675	1679	1684	rBV2	110973	114265	3.02%	0.360%
20	12.251	1724	1728	1730	rBV	66926	60061	1.58%	0.189%
21	12.657	1793	1797	1803	rBV6	31419	63237	1.67%	0.199%
22	12.751	1810	1813	1817	rBV2	60835	59177	1.56%	0.186%
23	13.033	1857	1861	1864	rBV	2663735	2353356	62.10%	7.413%
24	13.916	2009	2011	2015	rBV	102672	107232	2.83%	0.338%
25	14.092	2037	2041	2044	rVB	895428	858908	22.66%	2.706%
26	14.545	2116	2118	2122	rBV4	32399	43494	1.15%	0.137%
27	14.810	2160	2163	2169	rBV	70562	76614	2.02%	0.241%
28	15.586	2289	2295	2304	rVB	616479	871425	22.99%	2.745%
29	16.057	2371	2375	2380	rVB2	33900	55062	1.45%	0.173%

Sum of corrected areas: 31746127

LSC Report - Integrated Chromatogram

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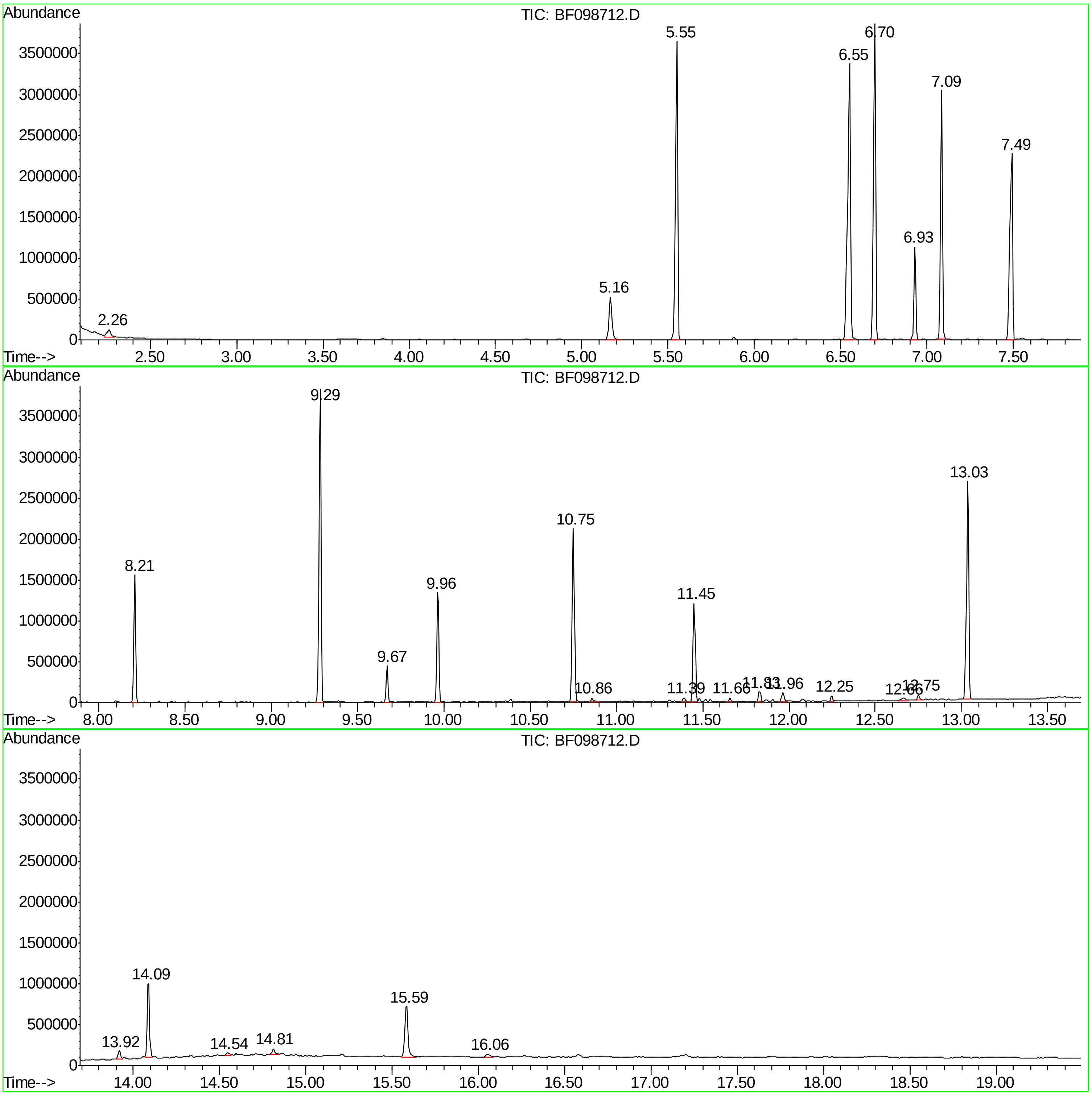
Sample : I5304-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.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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Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098712.D
Acq On    : 22 Sep 2017  22:42
Operator  : SJ/JU
Sample    : I5304-01
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

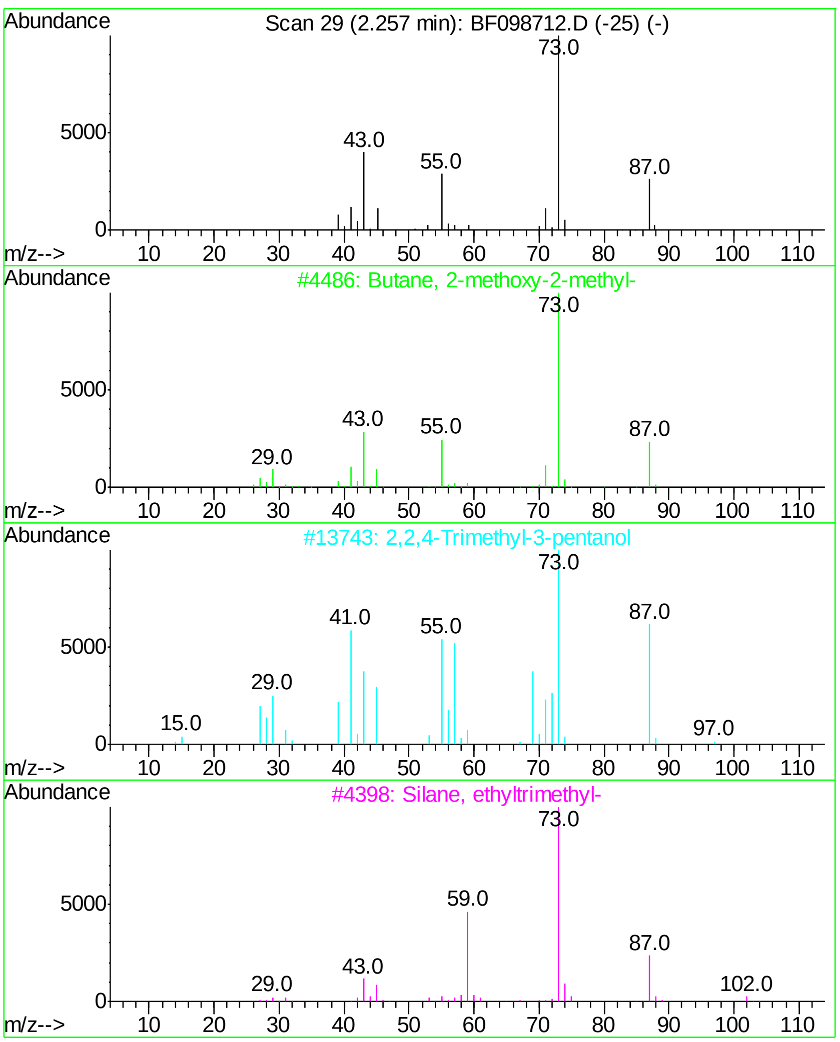
Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-2(0-5)

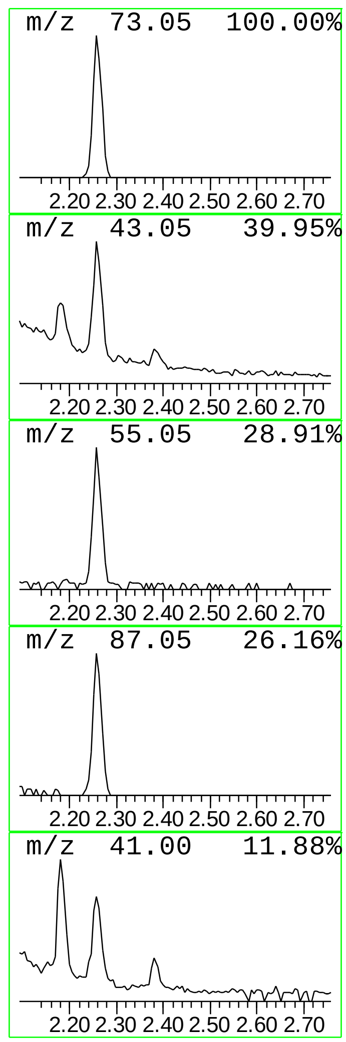
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	2.79 ng	128621	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





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Operator : SJ/JU
Sample : I5304-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-2(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.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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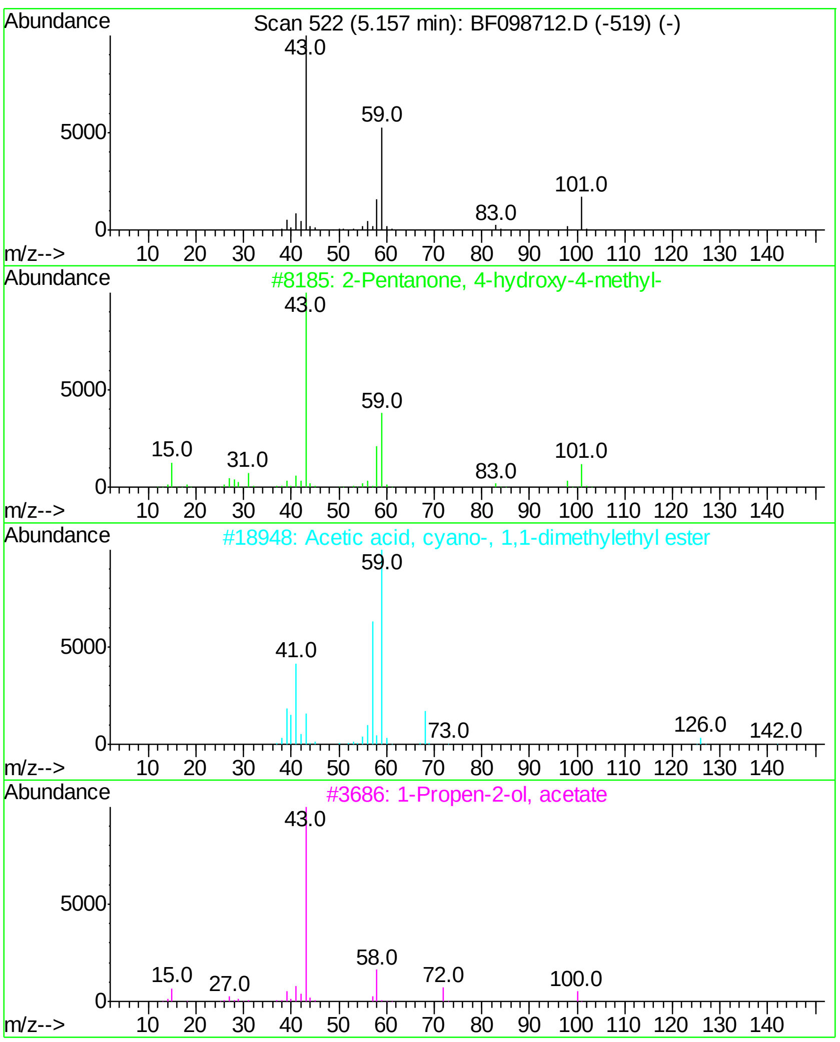
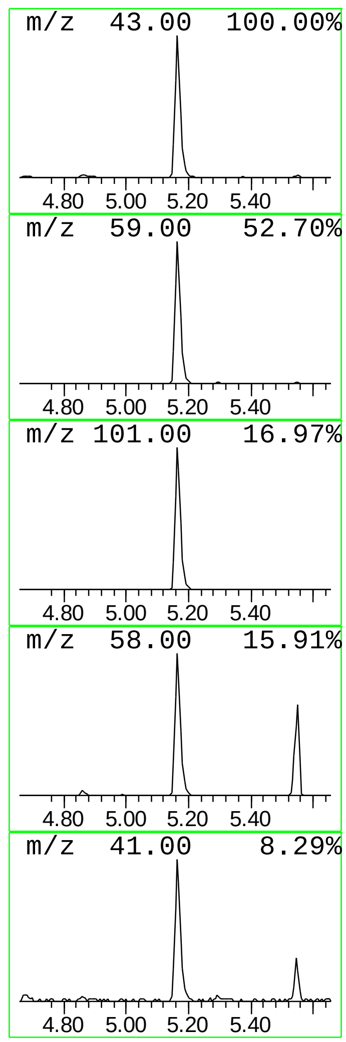
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	14.32 ng	660387	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098712.D
Acq On : 22 Sep 2017 22:42
Operator : SJ/JU
Sample : I5304-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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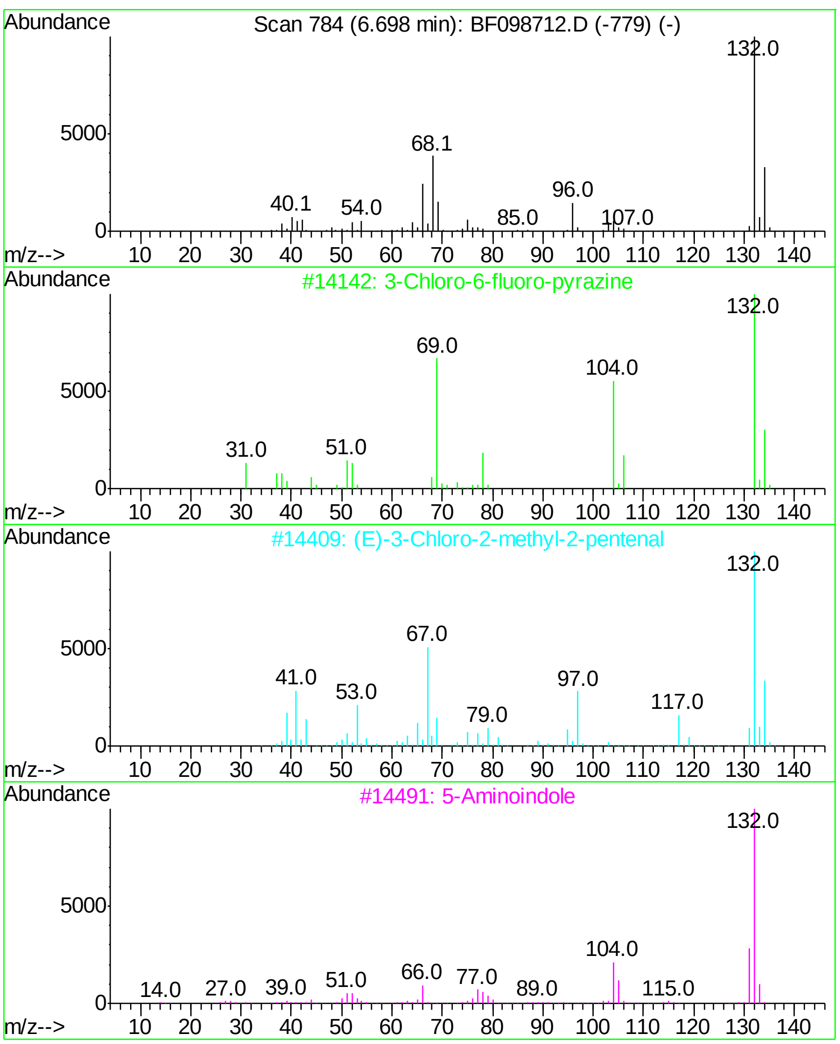
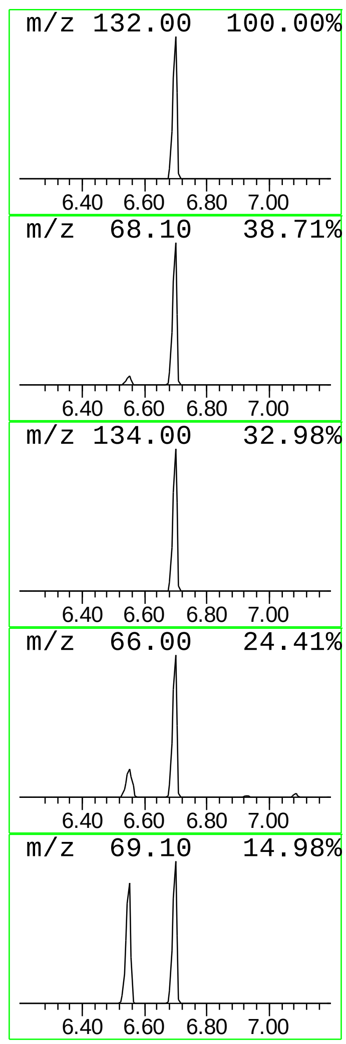
Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	81.33 ng	3750560	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : I5304-01
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Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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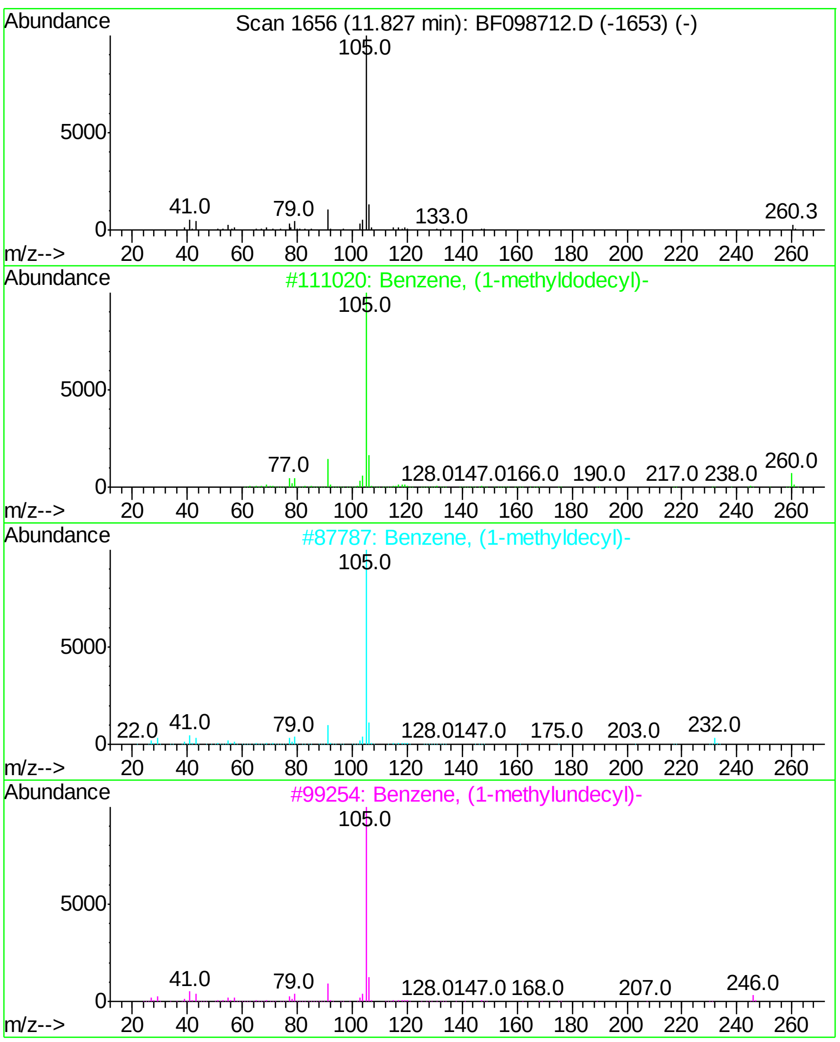
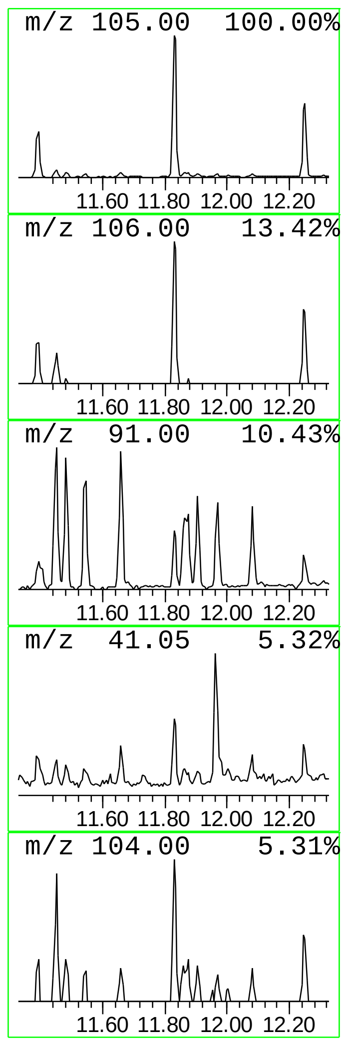
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methyldodecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.21 ng	108774	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	94
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64





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Operator : SJ/JU
Sample : I5304-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-2(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.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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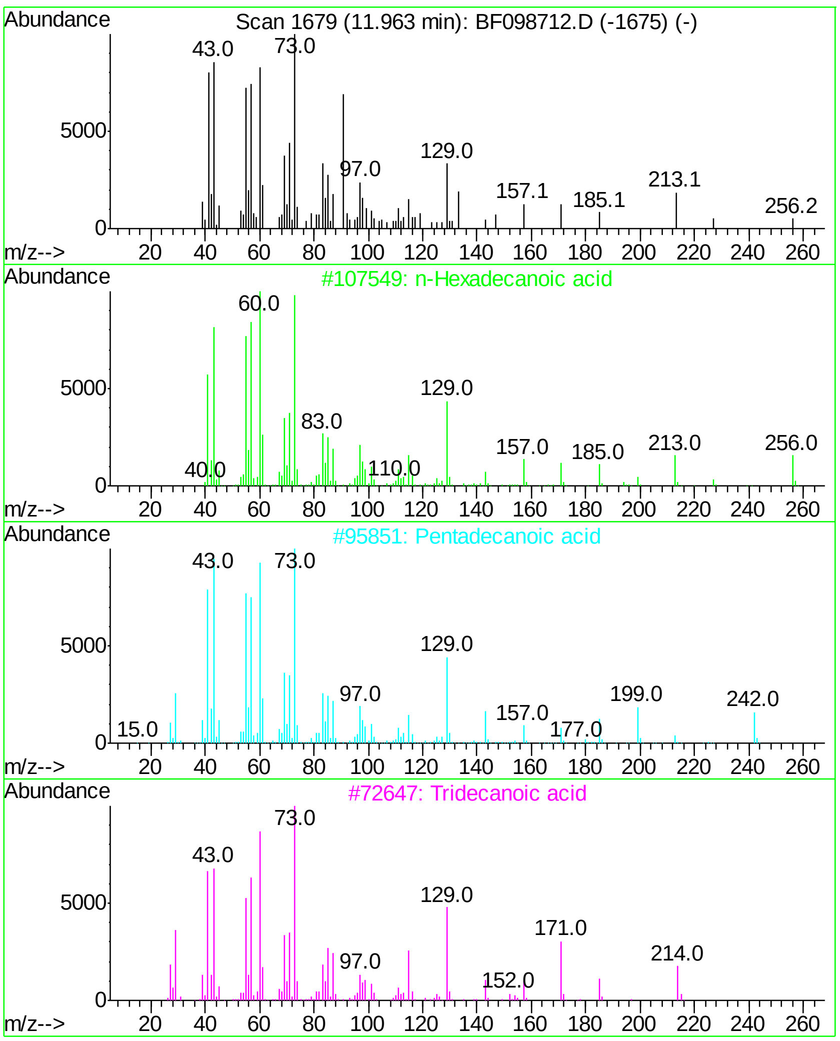
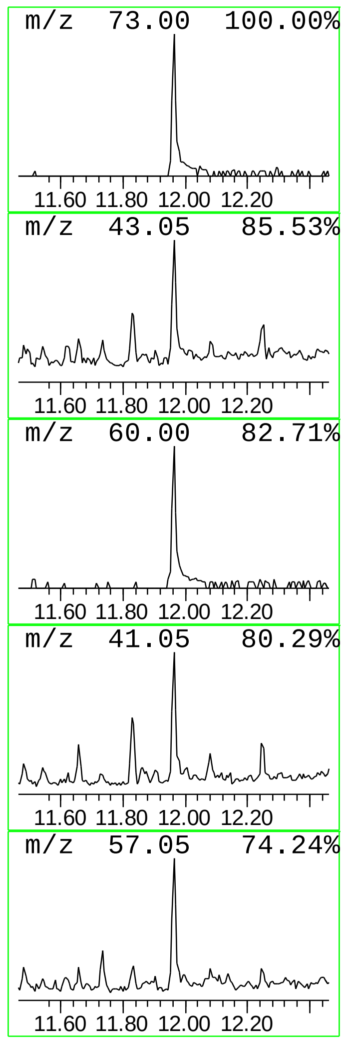
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.33 ng	114265	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	18





Library Search Compound Report

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098712.D
Acq On    : 22 Sep 2017  22:42
Operator  : SJ/JU
Sample    : I5304-01
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

```
**********************************************************************
Peak Number  7  Cyclotridecane                  Concentration Rank  5

  R.T.   EstConc           Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
 13.92    2.50 ng         107232    Chrysene-d12               14.09

 Hit# of  5    Tentative ID                MW  MolForm        CAS#       Qual
----------------------------------------------------------------------
 1 Cyclotridecane                         182 C13H26         000295-02-3 95
 2 Heptafluorobutyric acid, pentade... 424 C19H31F7O2      959261-23-5 95
 3 Heptafluorobutyric acid, n-tetra... 410 C18H29F7O2      007365-36-8 95
 4 n-Nonadecanol-1                        284 C19H40O        001454-84-8 95
 5 Trifluoroacetic acid, pentadecyl... 324 C17H31F3O2      959010-23-2 95
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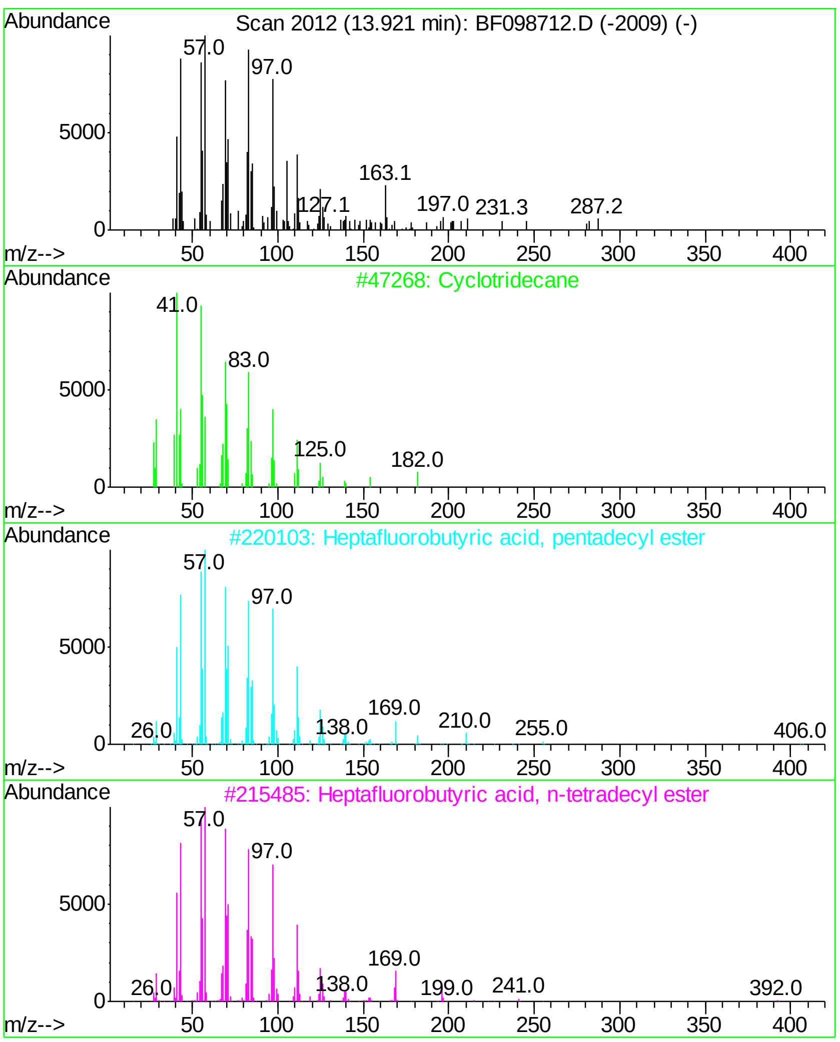

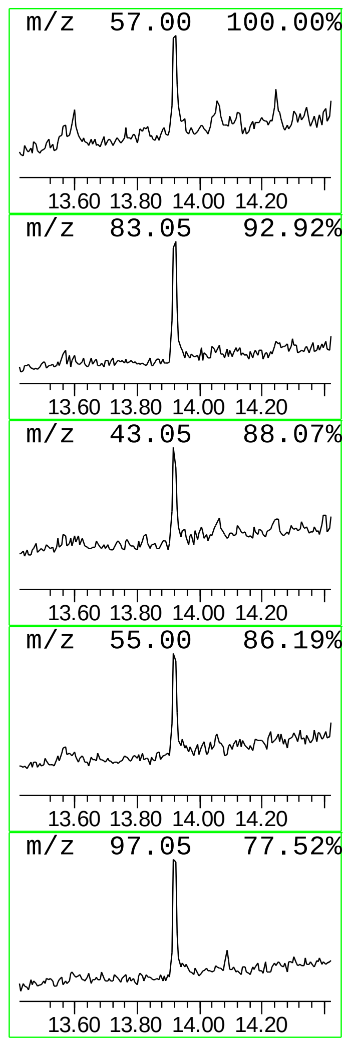

Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	2.8	ng	128621	1	6.93	922349	20.0
2-Pentanone, 4-hy...	5.16	14.3	ng	660387	1	6.93	922349	20.0
unknown6.70	6.70	81.3	ng	3750560	1	6.93	922349	20.0
Benzene, (1-methy...	11.83	2.2	ng	108774	4	11.45	982925	20.0
n-Hexadecanoic acid	11.96	2.3	ng	114265	4	11.45	982925	20.0
Cyclotridecane	13.92	2.5	ng	107232	5	14.09	858908	20.0