LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

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-BF041717.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	3.925	334	338	348	rBV	417178	484718	20.53%	2.072%
2	4.325	402	406	422	rBV	2240453	2211398	93.67%	9.455%
3	4.648	458	461	467	rBV	20671	25634	1.09%	0.110%
4	4.701	467	470	476	rVB	30666	29873	1.27%	0.128%
5	5.401	584	589	605	rBV	2073321	2249369	95.28%	9.617%
6	5.519	605	609	615	rBV	2528568	2338729	99.06%	9.999%
7	5.595	620	622	633	rVB	24151	36053	1.53%	0.154%
8	5.760	647	650	654	rBV	769922	668207	28.30%	2.857%
9	5.937	676	680	684	rBV	1915987	1809494	76.65%	7.737%
10	6.413	756	761	764	rBV	1506571	1405346	59.53%	6.009%
11	7.254	900	904	911	rBV	969030	869102	36.81%	3.716%
12	8.578	1124	1129	1132	rBV	2375042	2360870	100.00%	10.094%
13	9.083	1210	1215	1219	rBV	650193	647756	27.44%	2.769%
14	9.389	1260	1267	1271	rBV	844018	855003	36.22%	3.656%
15	9.425	1271	1273	1281	rVB2	22741	34685	1.47%	0.148%
16	9.983	1365	1368	1373	rVB	42048	34752	1.47%	0.149%
17	10.066	1379	1382	1387	rVB2	25637	25679	1.09%	0.110%
18	10.260	1408	1415	1419	rBV4	15654	28559	1.21%	0.122%
19	10.366	1428	1433	1441	rBV	1235324	1261119	53.42%	5.392%
20	10.566	1464	1467	1469	rBV	47521	46044	1.95%	0.197%
21	11.119	1558	1561	1565	rBV	34065	30695	1.30%	0.131%
22	11.213	1573	1577	1580	rBV	772459	787102	33.34%	3.365%
23	11.236	1580	1581	1587	rVV	160193	144500	6.12%	0.618%
24	11.307	1590	1593	1597	rVB	47122	47296	2.00%	0.202%
25	11.836	1678	1683	1687	rBV	21878	28360	1.20%	0.121%
26	11.948	1696	1702	1703	rBV2	68499	79217	3.36%	0.339%
27	11.966	1703	1705	1709	rVB2	45985	50164	2.12%	0.214%
28	12.630	1813	1818	1821	rBV3	16567	28389	1.20%	0.121%
29	12.701	1826	1830	1836	rBV	324294	347259	14.71%	1.485%
30	12.913	1863	1866	1870	rBV3	27052	28397	1.20%	0.121%
31	12.977	1873	1877	1882	rVV	307676	333437	14.12%	1.426%
32	13.189	1908	1913	1917	rBV	1652372	1723096	72.99%	7.367%
33	13.395	1945	1948	1954	rVB	49257	76132	3.22%	0.326%
34	13.477	1959	1962	1966	rVB2	35461	35553	1.51%	0.152%

LSC Area Percent Report

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Data File : BF094752.D
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Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.524	1966	1970	1976	rBV3	36088	62354	2.64%	0.267%
36	13.630	1985	1988	1992	rVB	23678	26708	1.13%	0.114%
37	14.289	2097	2100	2104	rBV	21954	24362	1.03%	0.104%
38	14.360	2105	2112	2118	rBV3	75117	140036	5.93%	0.599%
39	14.460	2124	2129	2133	rBV2	580433	756584	32.05%	3.235%
40	14.495	2133	2135	2138	rVB	112563	103692	4.39%	0.443%
41	14.589	2147	2151	2155	rBV3	31140	48840	2.07%	0.209%
42	15.695	2335	2339	2342	rBV	147625	230799	9.78%	0.987%
43	15.983	2384	2388	2391	rBV	105820	126615	5.36%	0.541%
44	16.036	2394	2397	2402	rBV	137528	165424	7.01%	0.707%
45	16.095	2403	2407	2410	rBV	468546	541520	22.94%	2.315%

Sum of corrected areas: 23388921

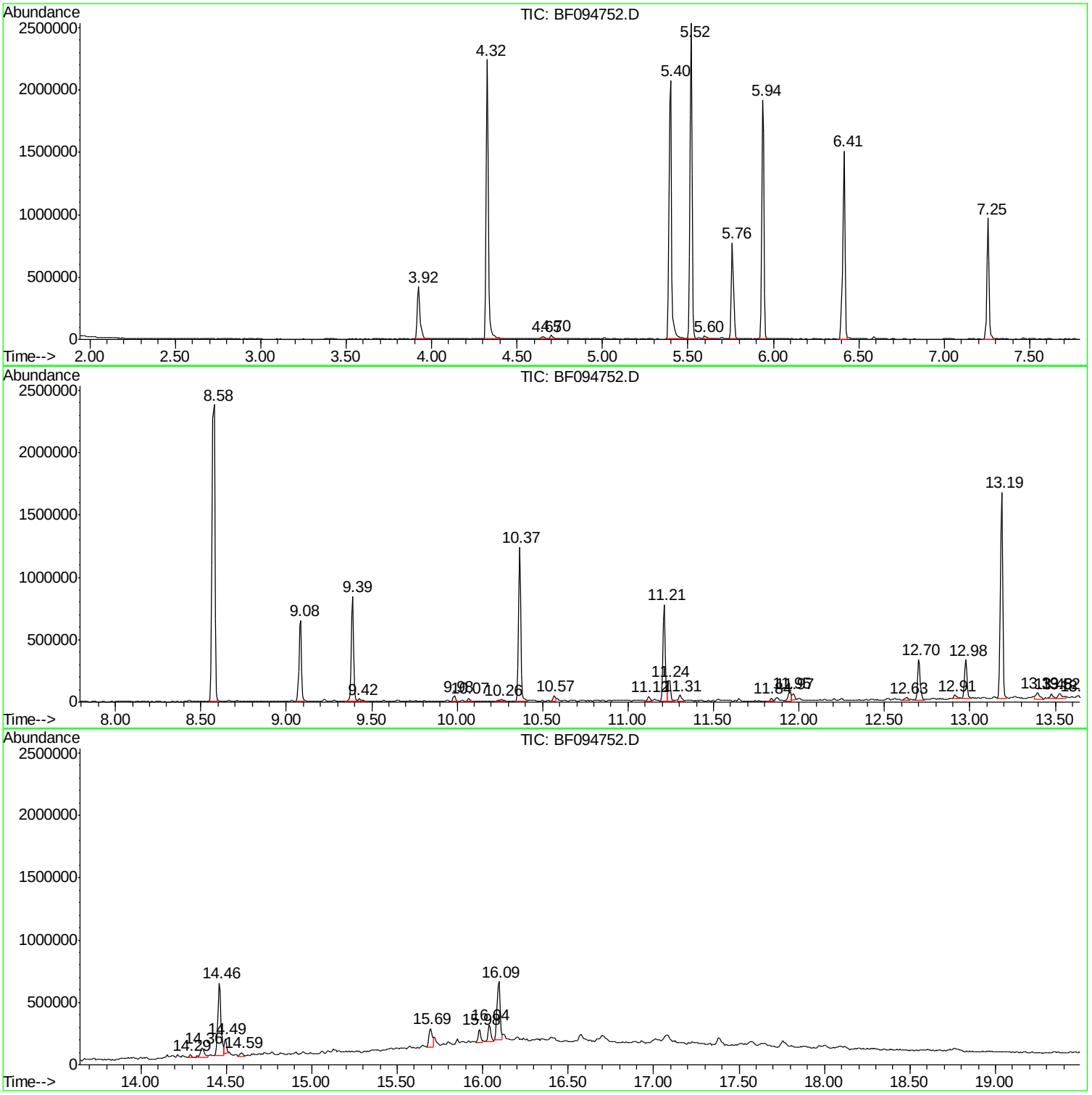
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

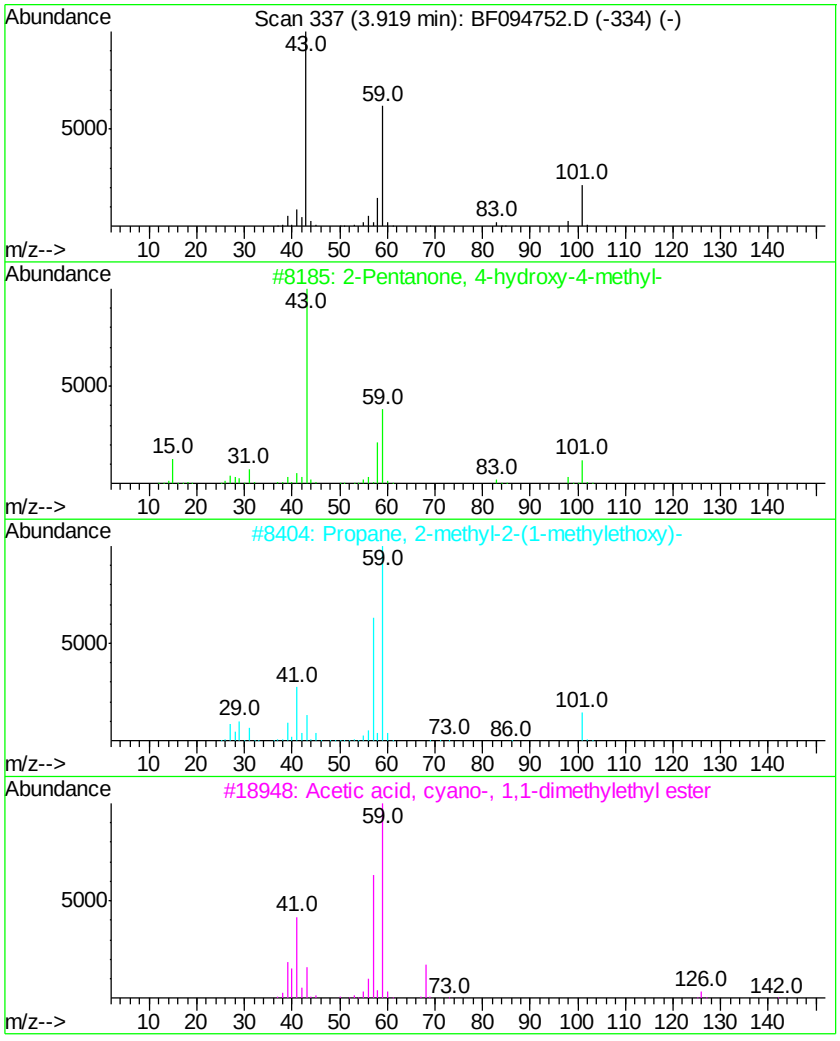
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

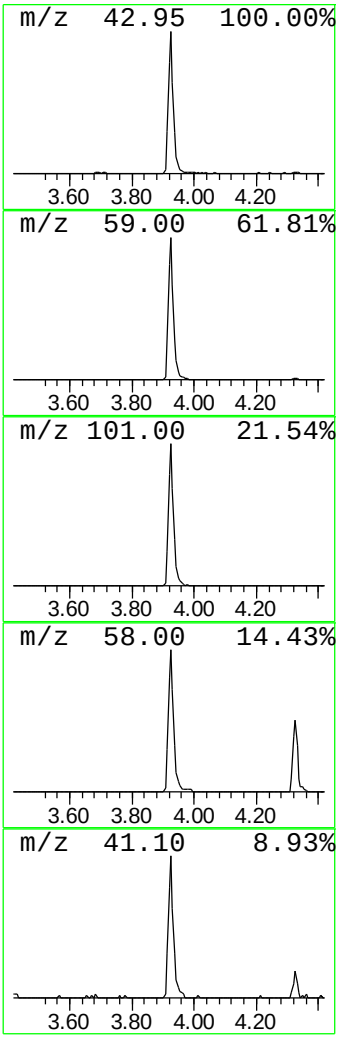
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	14.51 ng	484718	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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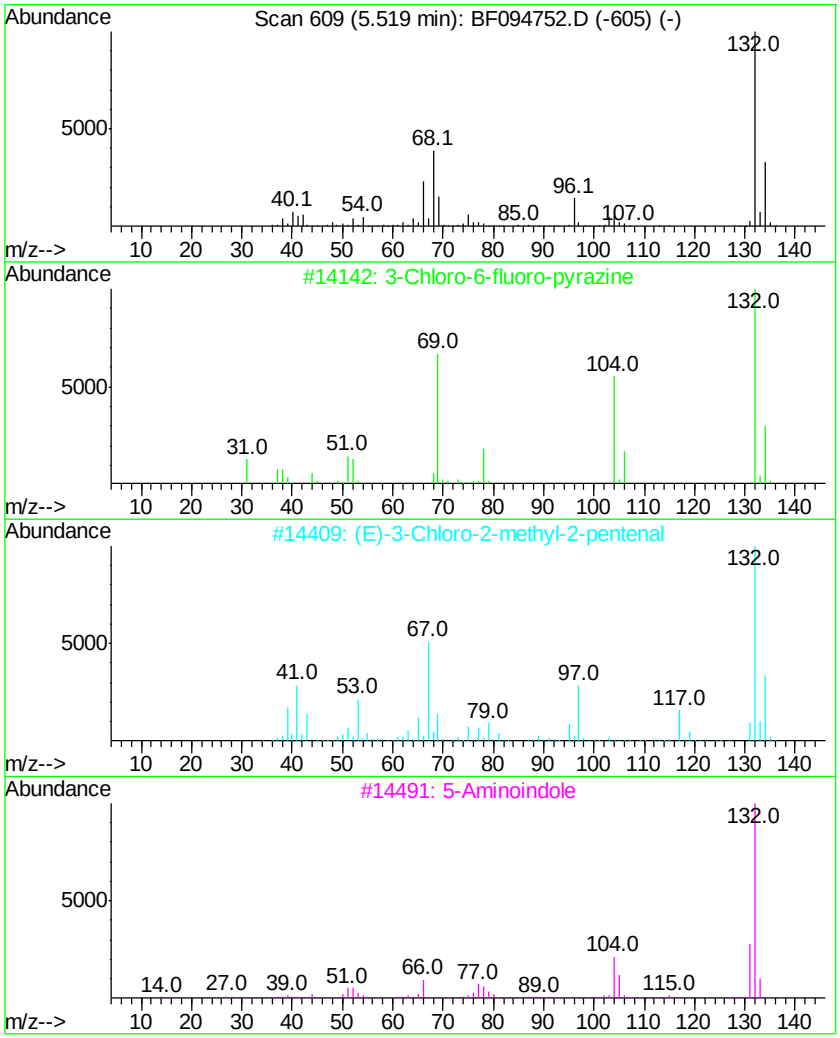
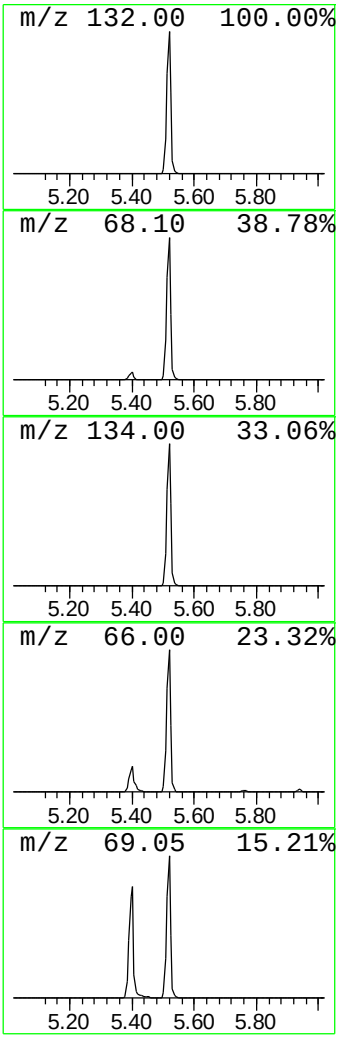
Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	70.00 ng	2338730	1,4-Dichlorobenzene-d4	5.76

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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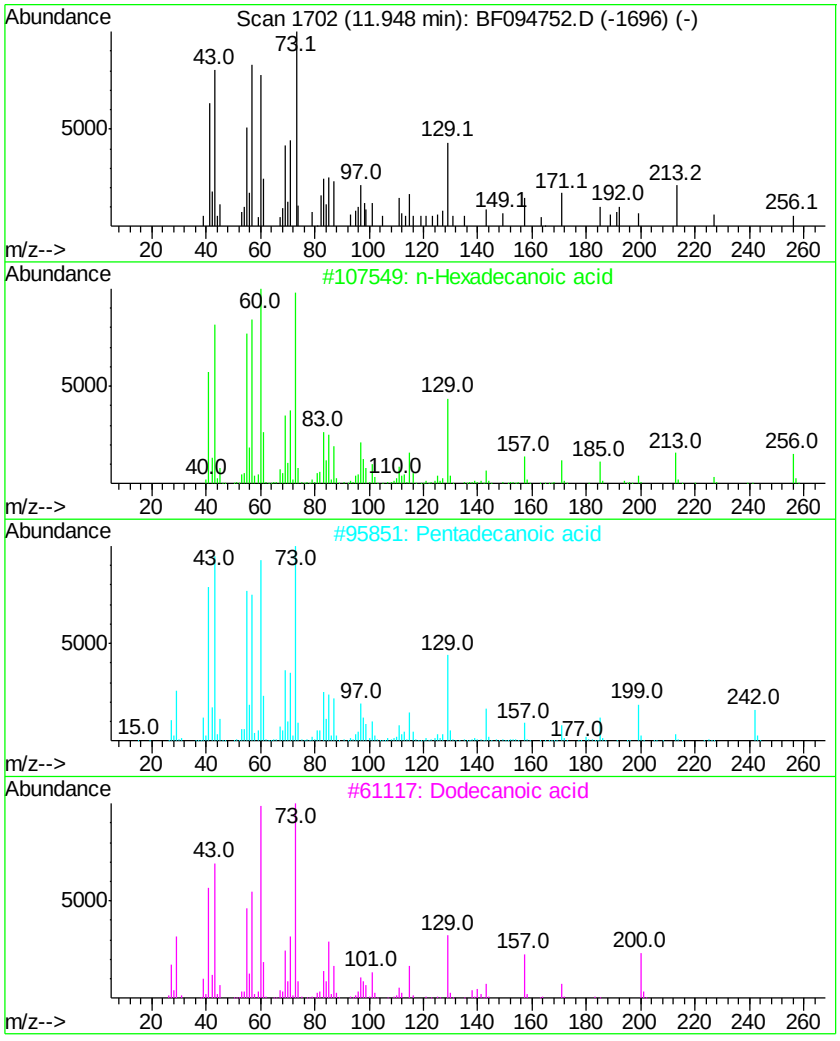
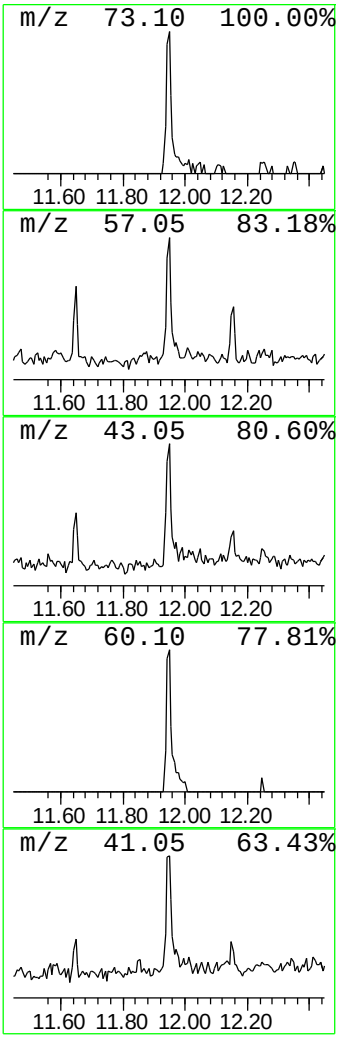
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.01 ng	79217	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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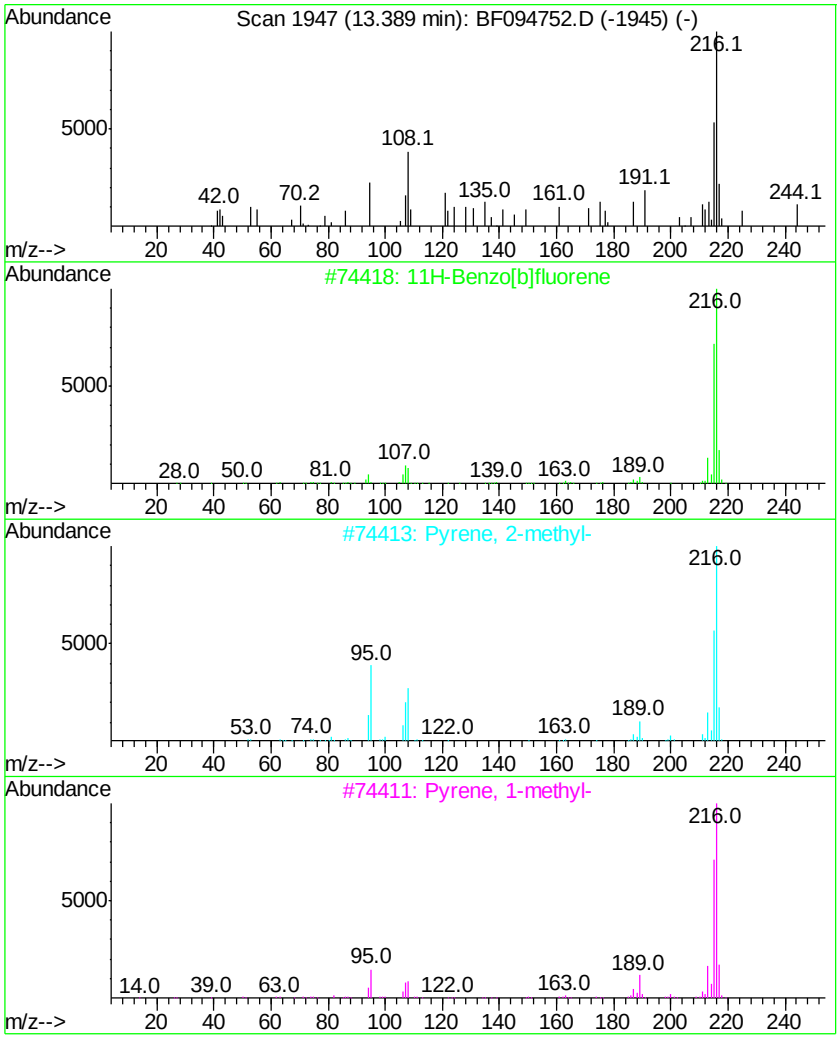
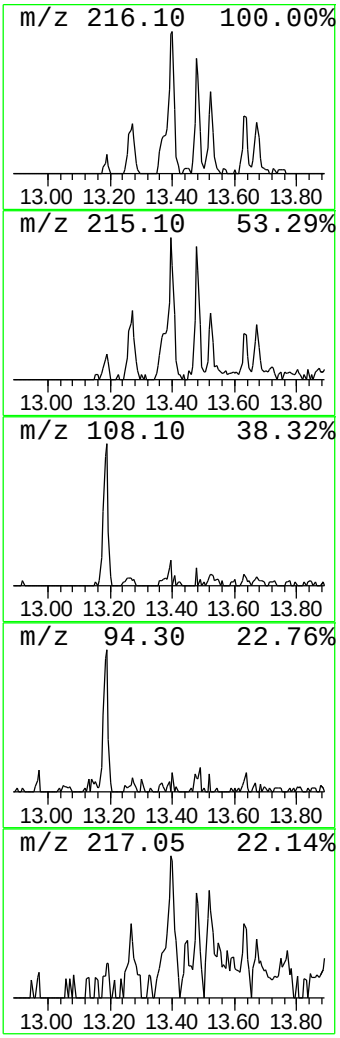
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.01 ng	76132	Chrysene-d12	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Acq On : 1 May 2017 15:39
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Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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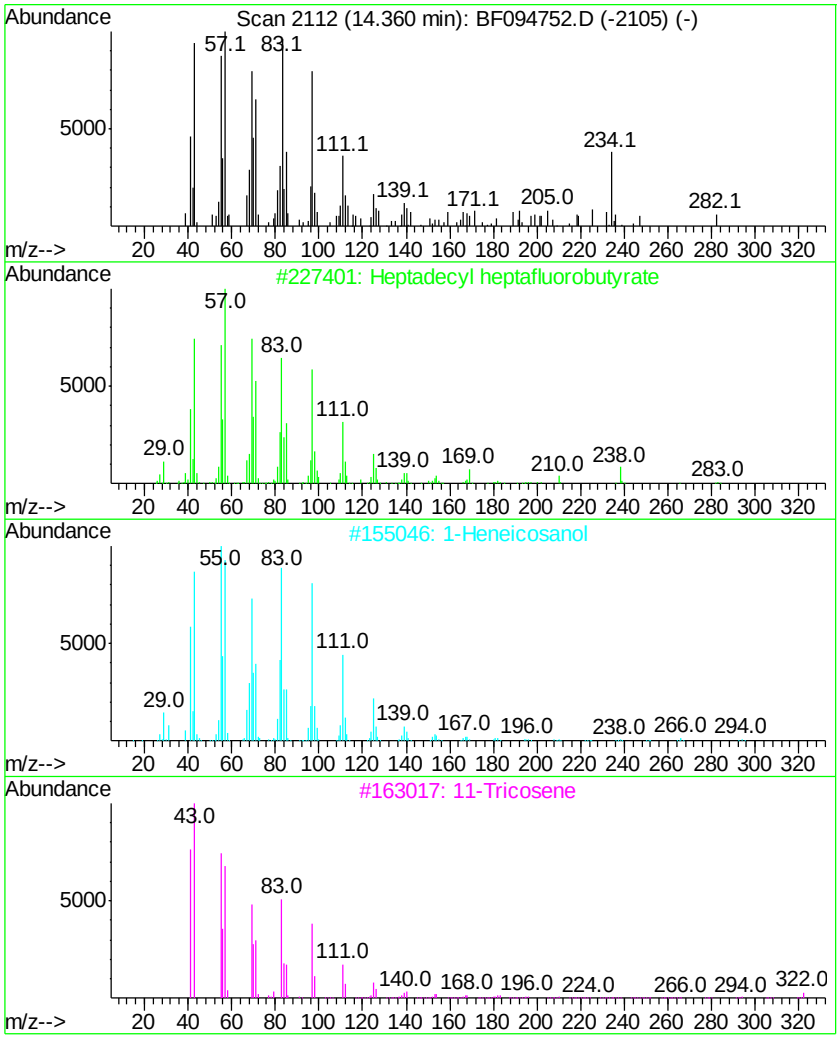
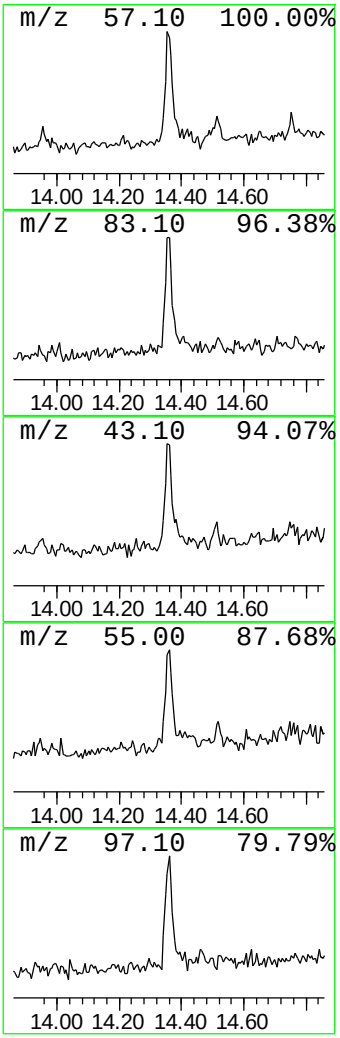
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.70 ng	140036	Chrysene-d12	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	76
3	11-Tricosene	322	C23H46	052078-56-5	72
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	68
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
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Instrument : BNA_F
ClientSampleId : GF-TEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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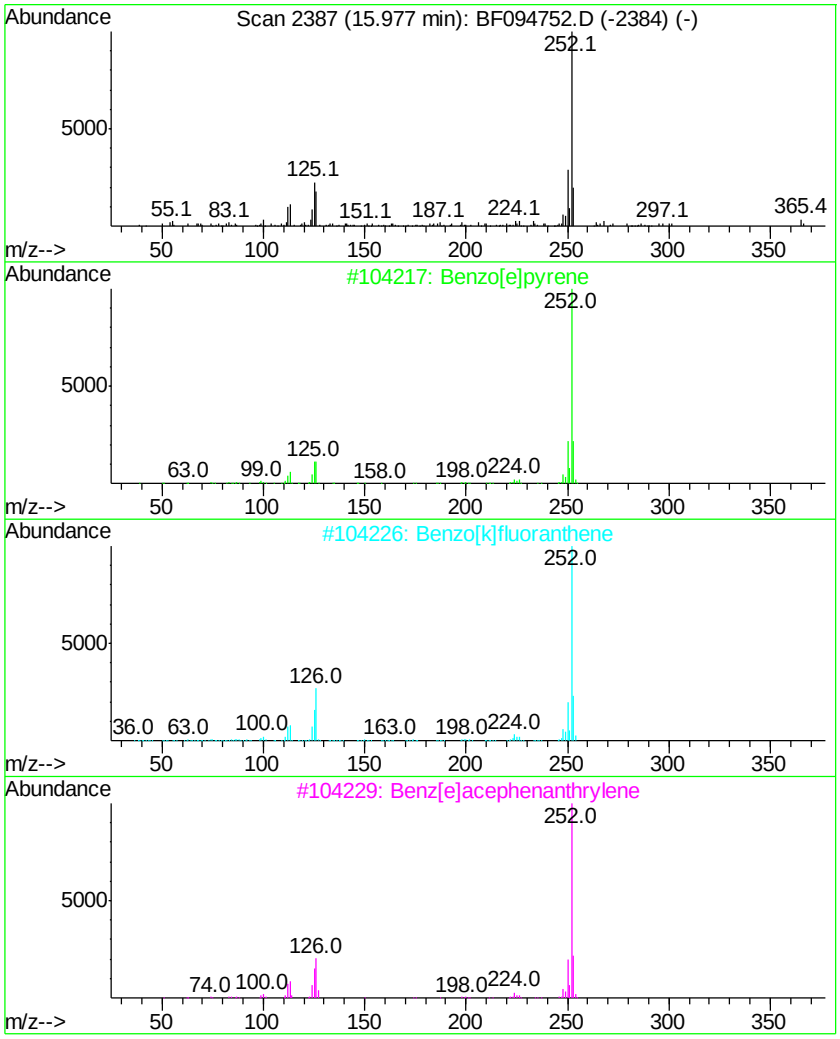
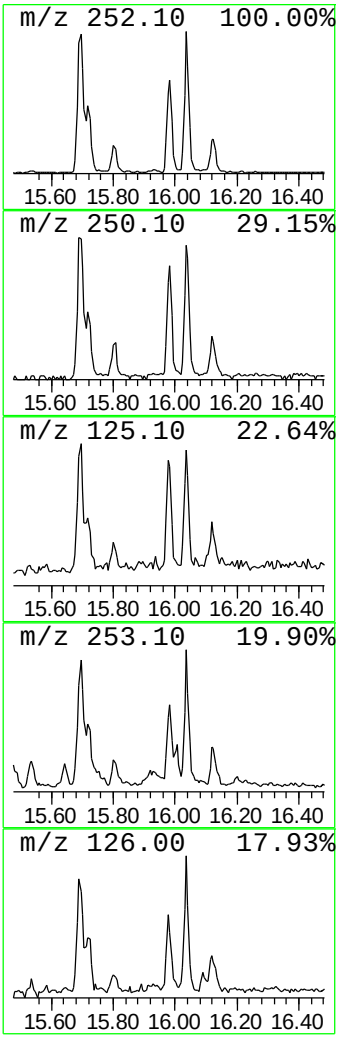
Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	4.68 ng	126615	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
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Sample : I2929-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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
2-Pentanone, 4-hy...	3.92	14.5	ng	484718	1	5.76	668207	20.0
unknown5.52	5.52	70.0	ng	2338730	1	5.76	668207	20.0
n-Hexadecanoic acid	11.95	2.0	ng	79217	4	11.21	787102	20.0
11H-Benzo[b]fluorene	13.39	2.0	ng	76132	5	14.46	756584	20.0
Heptadecyl heptaf...	14.36	3.7	ng	140036	5	14.46	756584	20.0
Benzo[e]pyrene	15.98	4.7	ng	126615	6	16.09	541520	20.0