LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101804.D
Acq On : 28 Dec 2017 16:04
Operator : SJ/JU
Sample : I6970-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

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-BF121417.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	514	rBV	333844	638127	16.97%	1.949%
2	5.410	561	565	596	rBV	2816633	3760636	100.00%	11.488%
3	6.434	735	739	756	rBV	2913932	3749356	99.70%	11.454%
4	6.557	756	760	774	rVB	3289249	3487791	92.74%	10.655%
5	6.781	795	798	807	rBV	939764	908165	24.15%	2.774%
6	6.939	821	825	847	rVB	2647482	2789133	74.17%	8.520%
7	7.357	892	896	915	rBV	2106546	2306335	61.33%	7.045%
8	8.063	1013	1016	1041	rVB	1044327	1168741	31.08%	3.570%
9	9.139	1195	1199	1202	rBV	3541856	3288976	87.46%	10.047%
10	9.539	1260	1267	1273	rBV	160092	183121	4.87%	0.559%
11	9.733	1296	1300	1304	rVB	95351	72969	1.94%	0.223%
12	9.822	1311	1315	1319	rBV	1066794	1042538	27.72%	3.185%
13	10.233	1382	1385	1387	rVB	107158	78082	2.08%	0.239%
14	10.451	1416	1422	1425	rBV	28044	42452	1.13%	0.130%
15	10.616	1446	1450	1462	rBV	1559325	1685784	44.83%	5.150%
16	10.704	1462	1465	1469	rVB	92527	84487	2.25%	0.258%
17	11.151	1537	1541	1544	rBV2	55363	59853	1.59%	0.183%
18	11.310	1565	1568	1571	rBV	882351	894782	23.79%	2.733%
19	11.339	1571	1573	1577	rVV	307170	281352	7.48%	0.859%
20	11.398	1580	1583	1591	rVB	65100	77265	2.05%	0.236%
21	11.574	1608	1613	1616	rBV3	36035	61707	1.64%	0.189%
22	11.821	1651	1655	1658	rBV2	106919	123667	3.29%	0.378%
23	12.533	1772	1776	1782	rBV	387648	372661	9.91%	1.138%
24	12.610	1787	1789	1797	rVV7	24693	42874	1.14%	0.131%
25	12.762	1809	1815	1821	rBV	314795	381390	10.14%	1.165%
26	12.892	1833	1837	1841	rBV	2449203	2329630	61.95%	7.117%
27	13.768	1983	1986	1994	rBV2	332899	421224	11.20%	1.287%
28	13.962	2015	2019	2022	rBV2	894374	998154	26.54%	3.049%
29	13.992	2022	2024	2030	rVB	153743	158871	4.22%	0.485%
30	15.015	2194	2198	2201	rBV	178646	254466	6.77%	0.777%
31	15.315	2246	2249	2254	rBV	72279	90446	2.41%	0.276%
32	15.380	2257	2260	2264	rVB	145881	173859	4.62%	0.531%
33	15.433	2265	2269	2275	rBV	551952	726323	19.31%	2.219%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 32735217

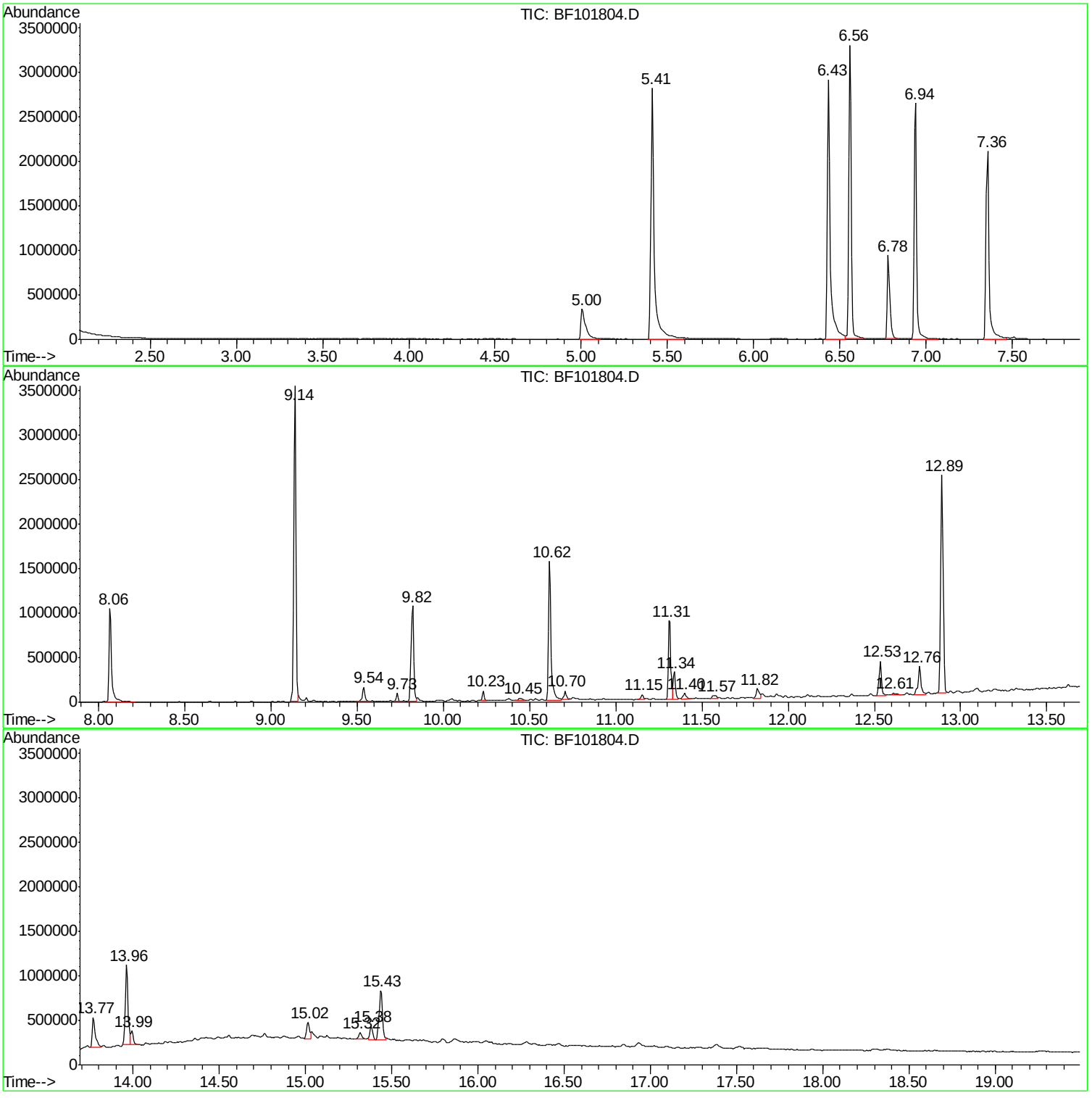
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101804.D
Acq On : 28 Dec 2017 16:04
Operator : SJ/JU
Sample : I6970-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122817\
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Operator : SJ/JU
Sample : I6970-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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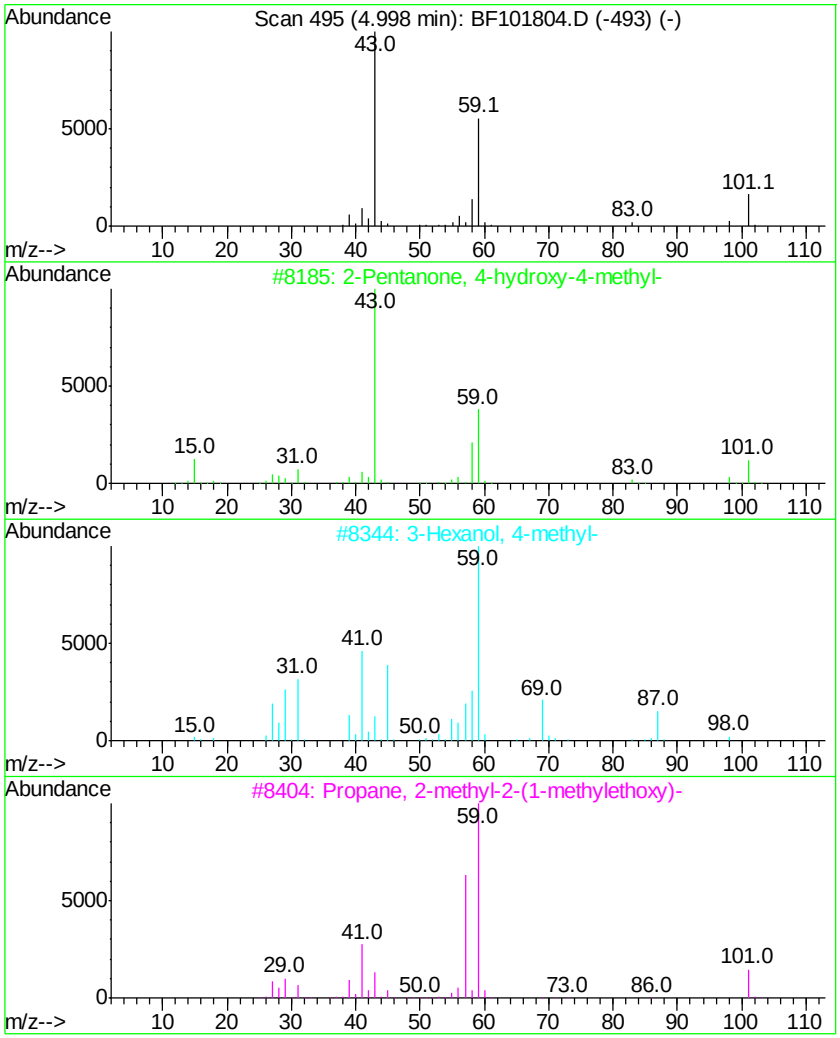
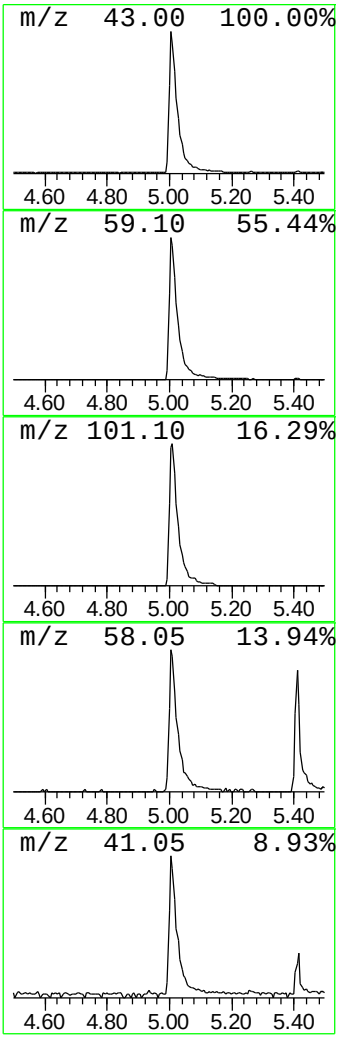
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	14.05 ng	638127	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101804.D
Acq On : 28 Dec 2017 16:04
Operator : SJ/JU
Sample : I6970-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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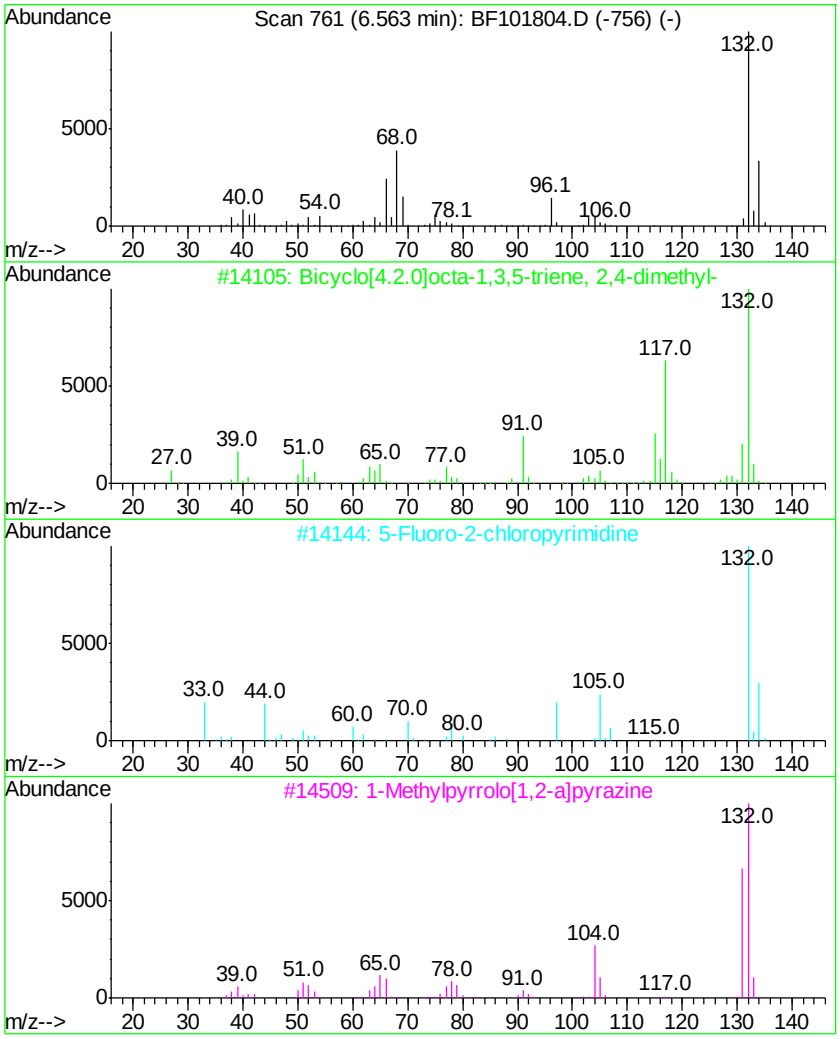
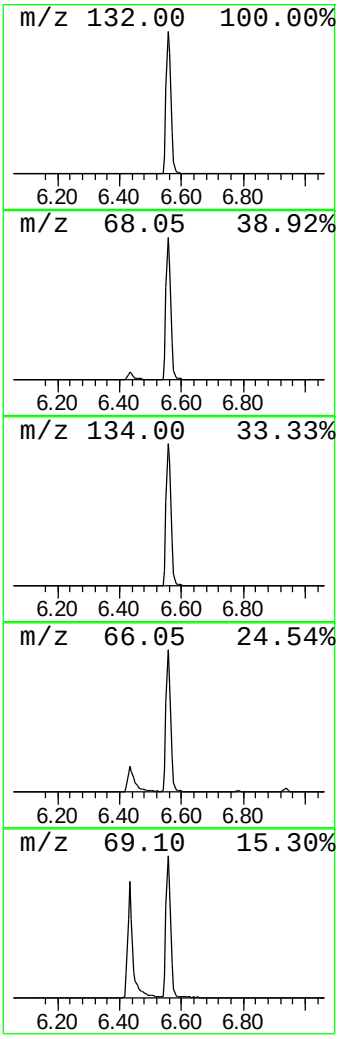
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	76.81 ng	3487790	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





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Sample : I6970-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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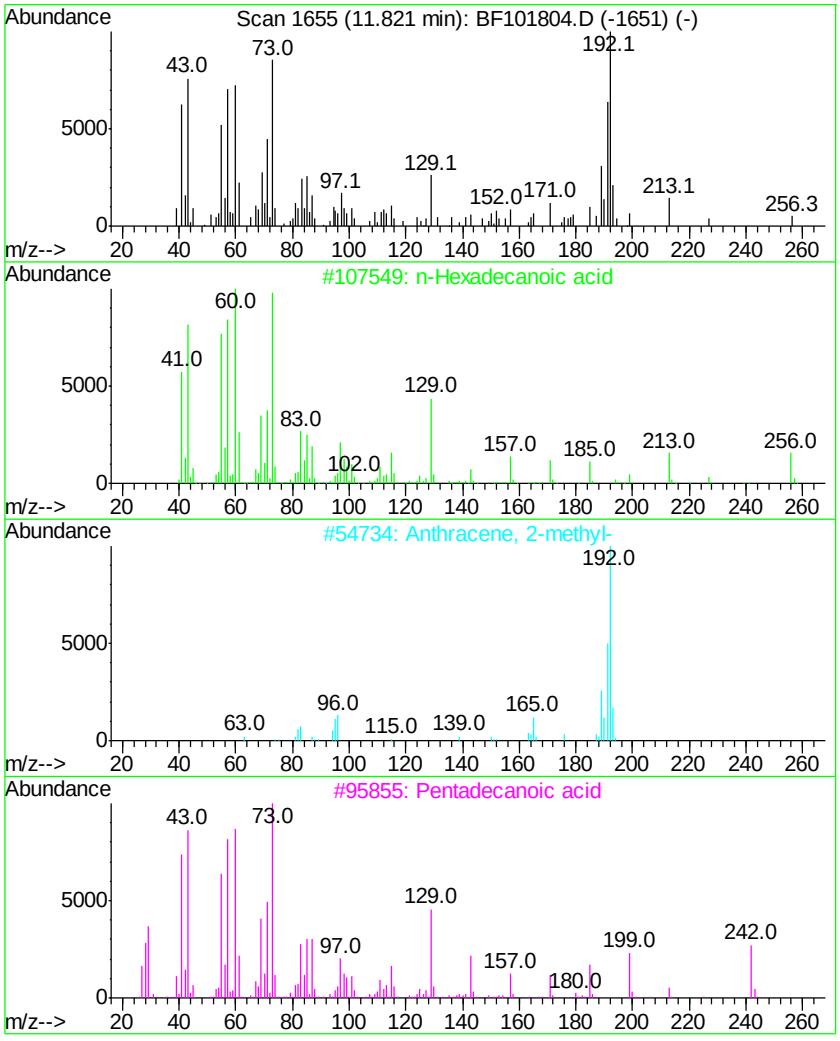
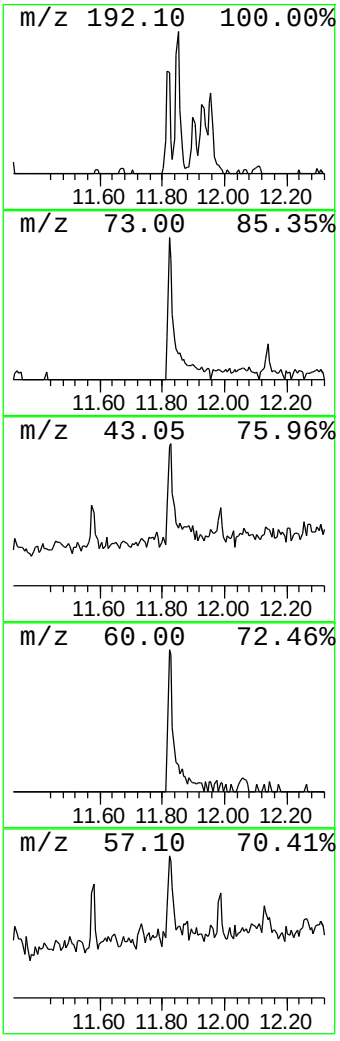
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.76 ng	123667	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	43
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





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Sample : I6970-05
Misc :
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Instrument : BNA_F
ClientSampleId : S5-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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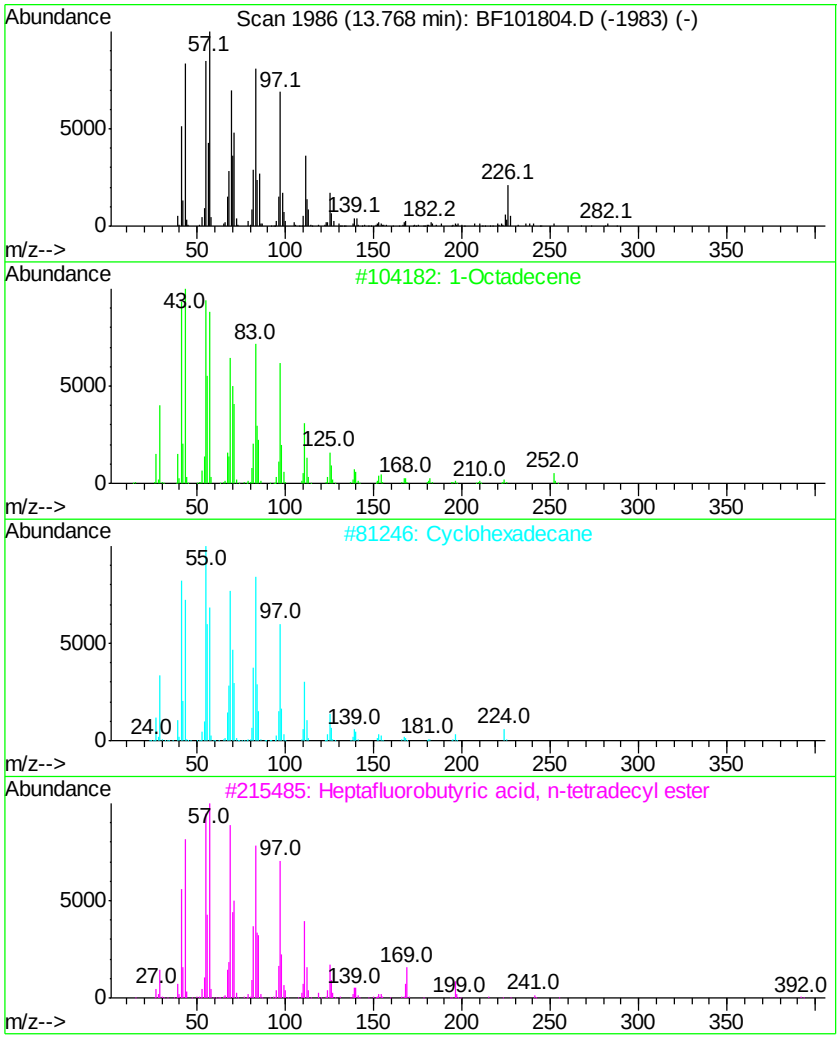
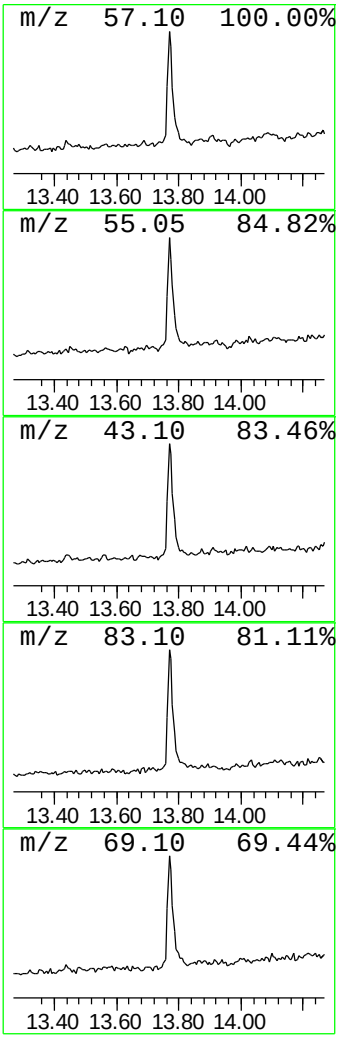
Peak Number 5 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.44 ng	421224	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





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

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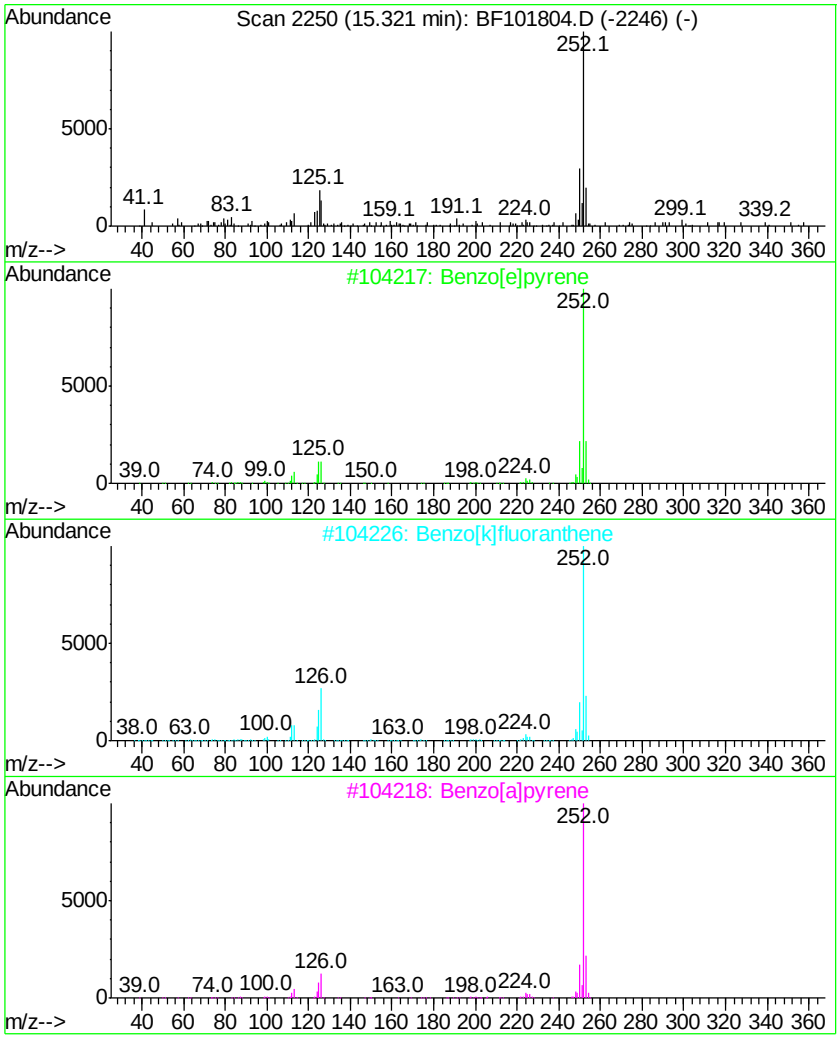
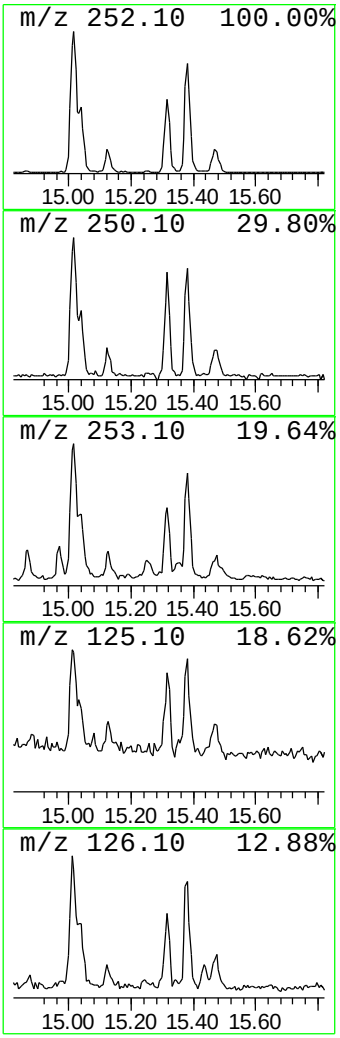
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.49 ng	90446	Perylene-d12	15.43

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	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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...	5.00	14.1	ng	638127	1	6.78	908165	20.0
unknown6.56	6.56	76.8	ng	3487790	1	6.78	908165	20.0
n-Hexadecanoic acid	11.82	2.8	ng	123667	4	11.31	894782	20.0
1-Octadecene	13.77	8.4	ng	421224	5	13.96	998154	20.0
Benzo[e]pyrene	15.32	2.5	ng	90446	6	15.43	726323	20.0