LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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	4.992	491	494	514	rBV	163178	292417	14.14%	1.402%
2	5.398	559	563	591	rBV	1493184	1886304	91.21%	9.043%
3	6.422	733	737	754	rBV	1682642	1960226	94.78%	9.397%
4	6.545	754	758	774	rVB	2143426	1987583	96.10%	9.528%
5	6.769	793	796	806	rBV	601465	549200	26.56%	2.633%
6	6.922	818	822	839	rBV	1570582	1482355	71.68%	7.106%
7	7.339	890	893	912	rBV	1074960	1200707	58.06%	5.756%
8	8.051	1011	1014	1033	rBV	868091	781578	37.79%	3.747%
9	8.616	1107	1110	1117	rBV	53050	58098	2.81%	0.279%
10	9.122	1192	1196	1205	rBV	2257591	2068149	100.00%	9.915%
11	9.522	1261	1264	1274	rVB	364672	299219	14.47%	1.434%
12	9.804	1308	1312	1316	rBV	1010813	862284	41.69%	4.134%
13	9.839	1316	1318	1324	rVB	31594	31125	1.50%	0.149%
14	10.522	1431	1434	1439	rBV	222925	189475	9.16%	0.908%
15	10.604	1444	1448	1461	rBV	1264078	1223670	59.17%	5.866%
16	11.298	1562	1566	1568	rBV	949654	808742	39.10%	3.877%
17	11.321	1568	1570	1575	rVV	305890	270857	13.10%	1.298%
18	11.386	1578	1581	1584	rVB	23569	23458	1.13%	0.112%
19	11.551	1605	1609	1613	rBV	20245	25434	1.23%	0.122%
20	11.810	1649	1653	1656	rBV2	148270	145455	7.03%	0.697%
21	11.833	1656	1657	1663	rVB2	42023	37355	1.81%	0.179%
22	11.916	1668	1671	1674	rBV	52115	47062	2.28%	0.226%
23	12.157	1708	1712	1716	rBV2	28381	31224	1.51%	0.150%
24	12.516	1770	1773	1779	rBV	439382	389393	18.83%	1.867%
25	12.592	1783	1786	1790	rBV3	52604	48724	2.36%	0.234%
26	12.745	1806	1812	1819	rVB	321591	355166	17.17%	1.703%
27	12.880	1831	1835	1838	rBV	1863717	1673660	80.93%	8.024%
28	12.974	1846	1851	1856	rVB3	14167	25025	1.21%	0.120%
29	13.080	1862	1869	1874	rVB	44489	64882	3.14%	0.311%
30	13.145	1877	1880	1883	rVV	31990	30445	1.47%	0.146%
31	13.192	1884	1888	1893	rVB3	17649	28966	1.40%	0.139%
32	13.351	1910	1915	1918	rVB	72185	65778	3.18%	0.315%
33	13.704	1972	1975	1977	rBV	22510	27290	1.32%	0.131%
34	13.751	1981	1983	1991	rVB4	139629	166114	8.03%	0.796%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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	13.951	2012	2017	2020	rBV2	564996	635183	30.71%	3.045%
36	13.974	2020	2021	2030	rVB	114828	113485	5.49%	0.544%
37	14.992	2191	2194	2198	rBV	117014	157007	7.59%	0.753%
38	15.292	2242	2245	2252	rVB	61412	74621	3.61%	0.358%
39	15.357	2253	2256	2261	rVB	80972	89983	4.35%	0.431%
40	15.409	2261	2265	2276	rBV	372085	498125	24.09%	2.388%
41	16.898	2513	2518	2525	rBV3	34226	77060	3.73%	0.369%
42	17.345	2590	2594	2606	rVB	31756	76580	3.70%	0.367%

Sum of corrected areas: 20859464

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
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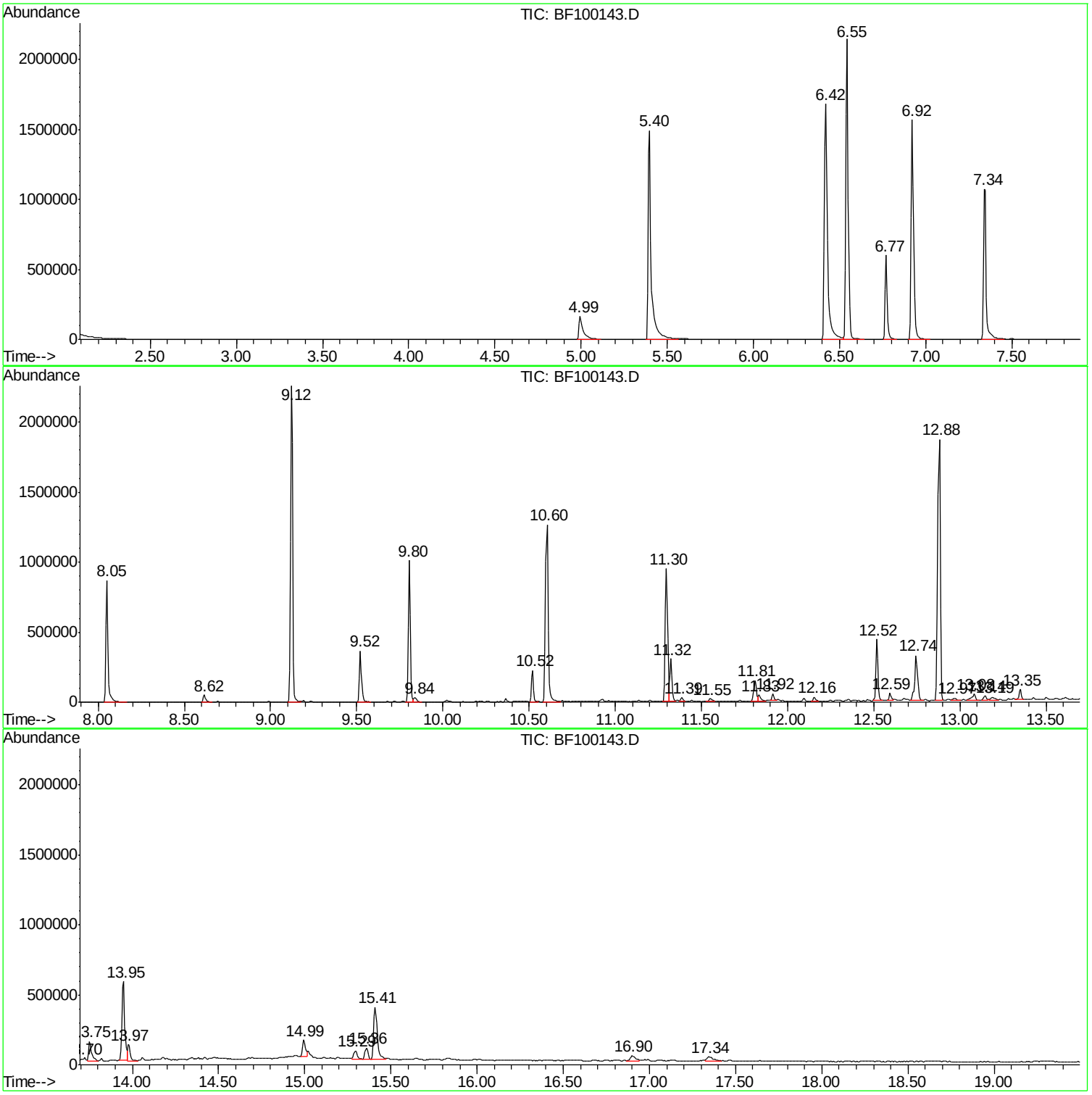
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B8-B9-COMP-4-12

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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

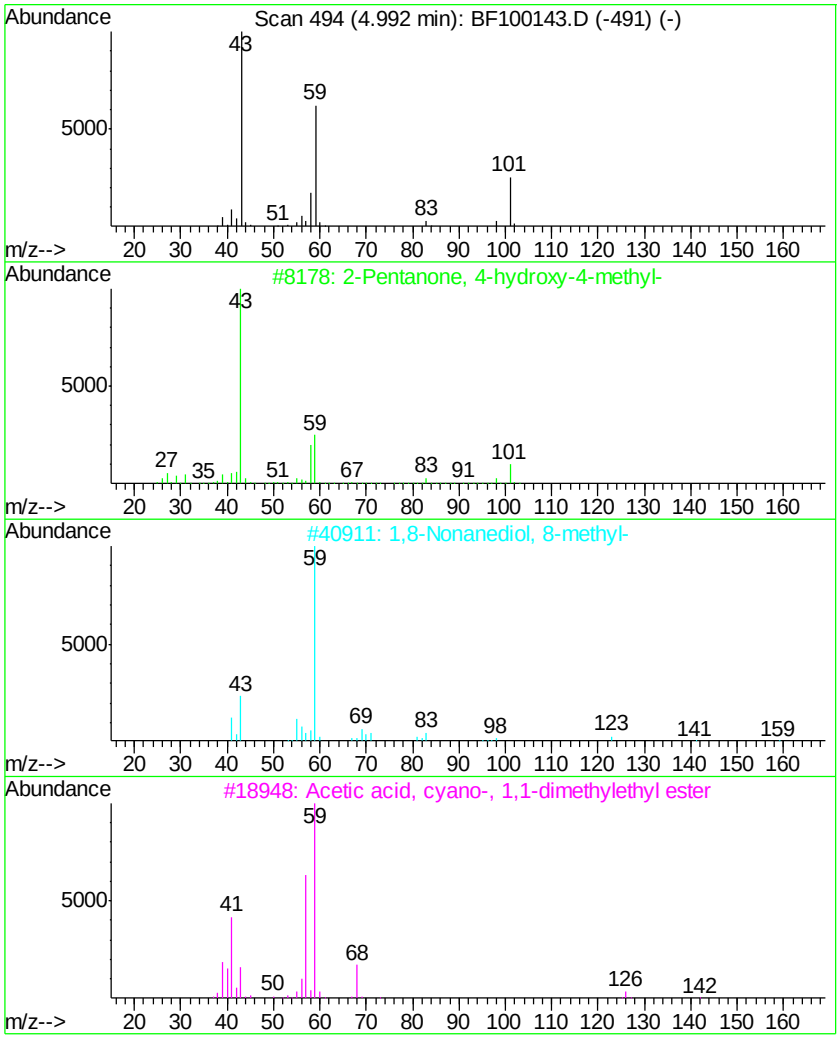
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

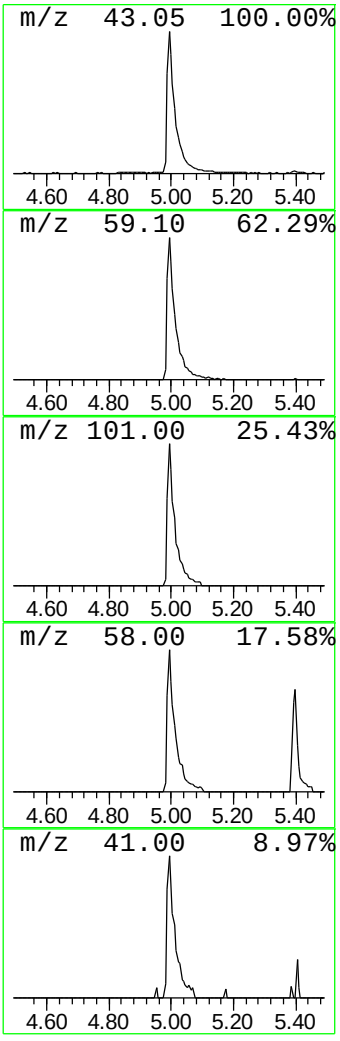
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	10.65 ng	292417	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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

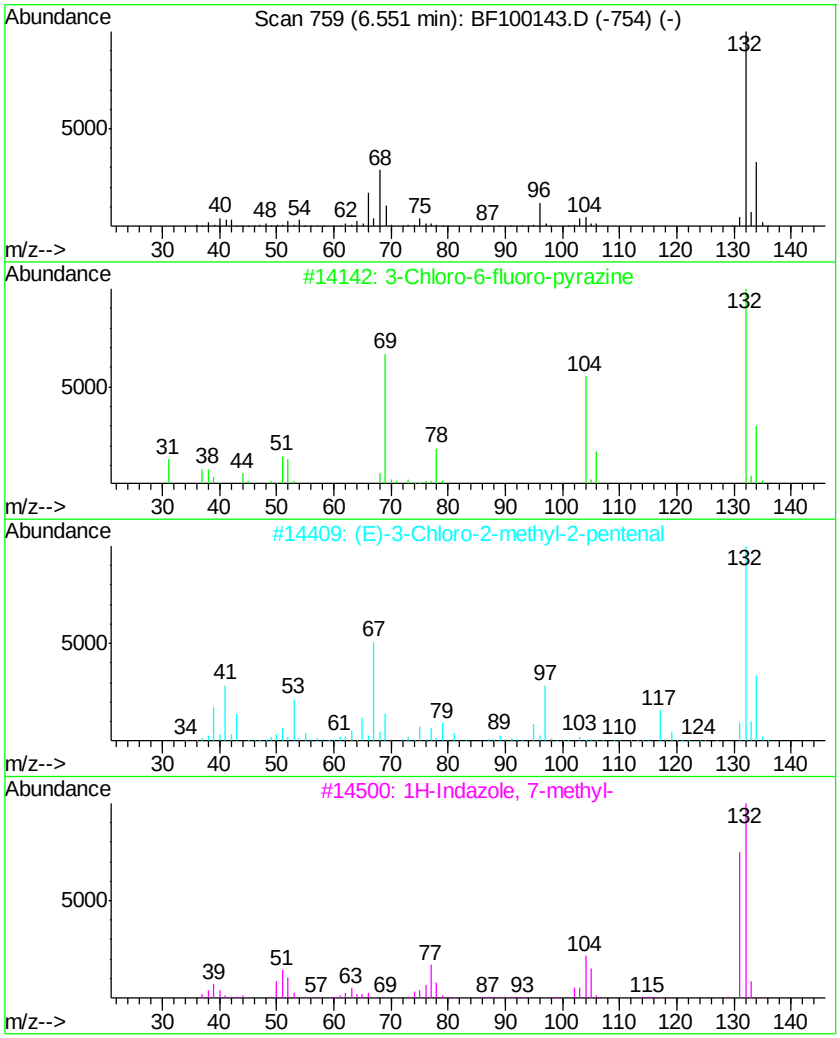
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

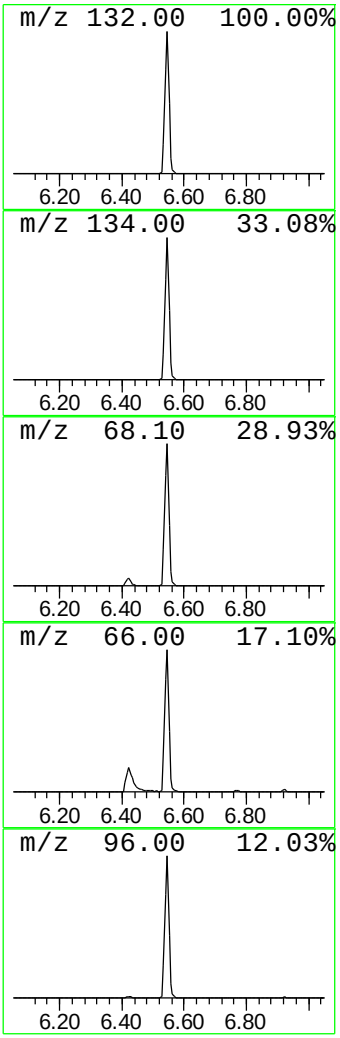
****

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	72.38 ng	1987580	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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

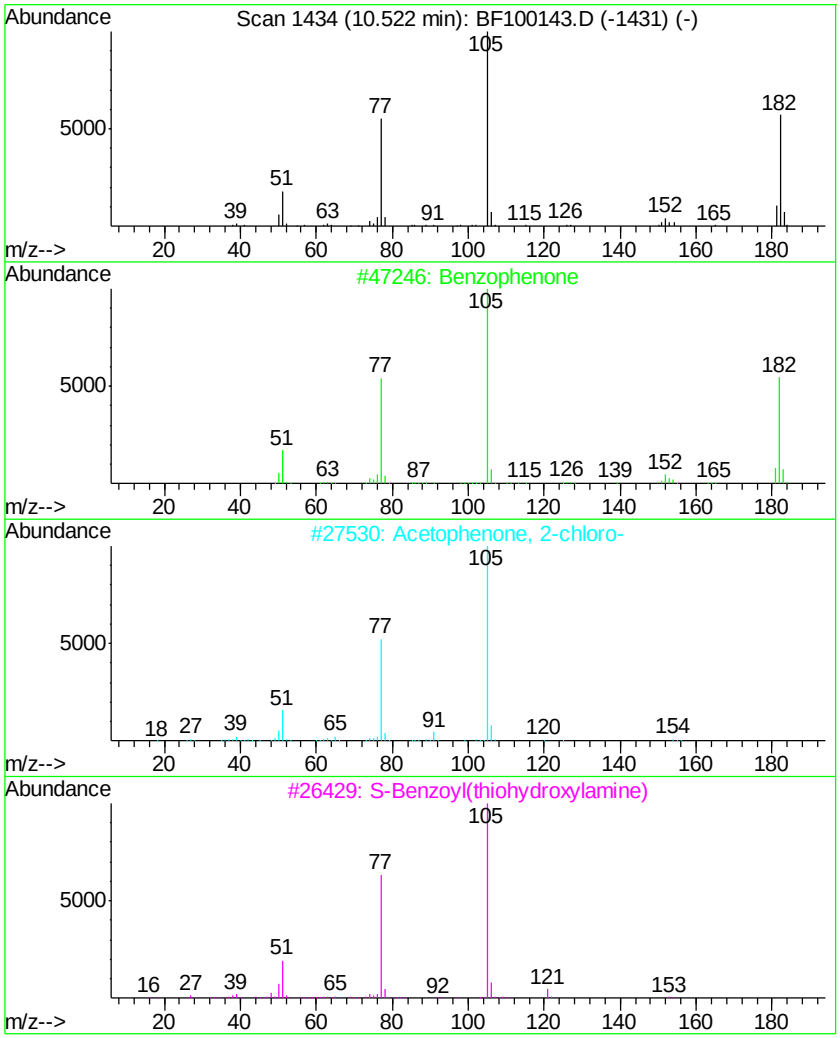
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

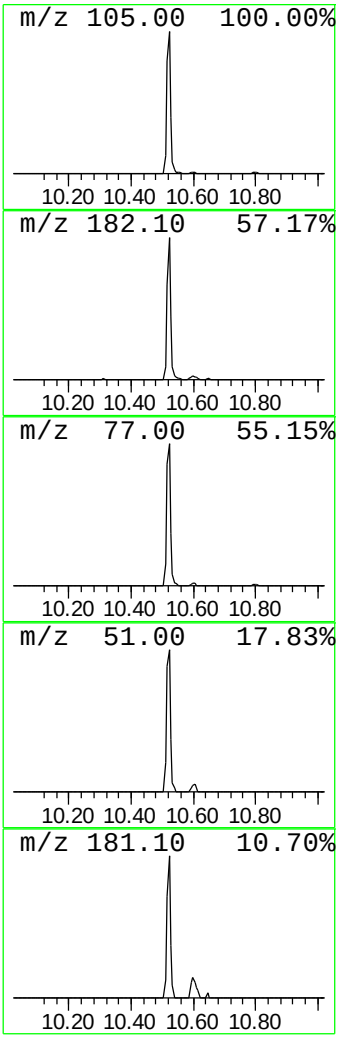
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.39 ng	189475	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
3	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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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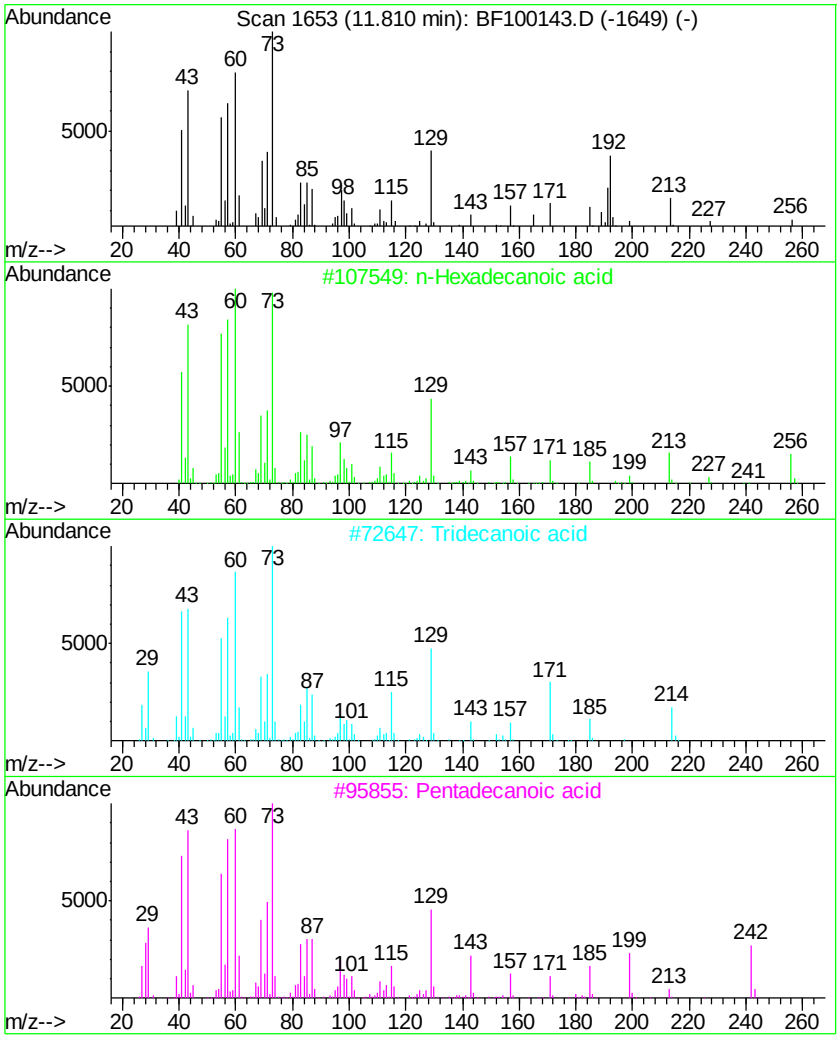
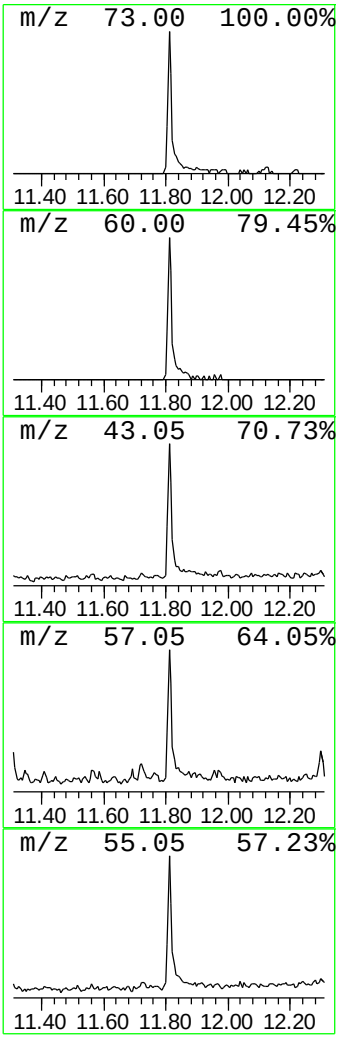
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.60 ng	145455	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
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Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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

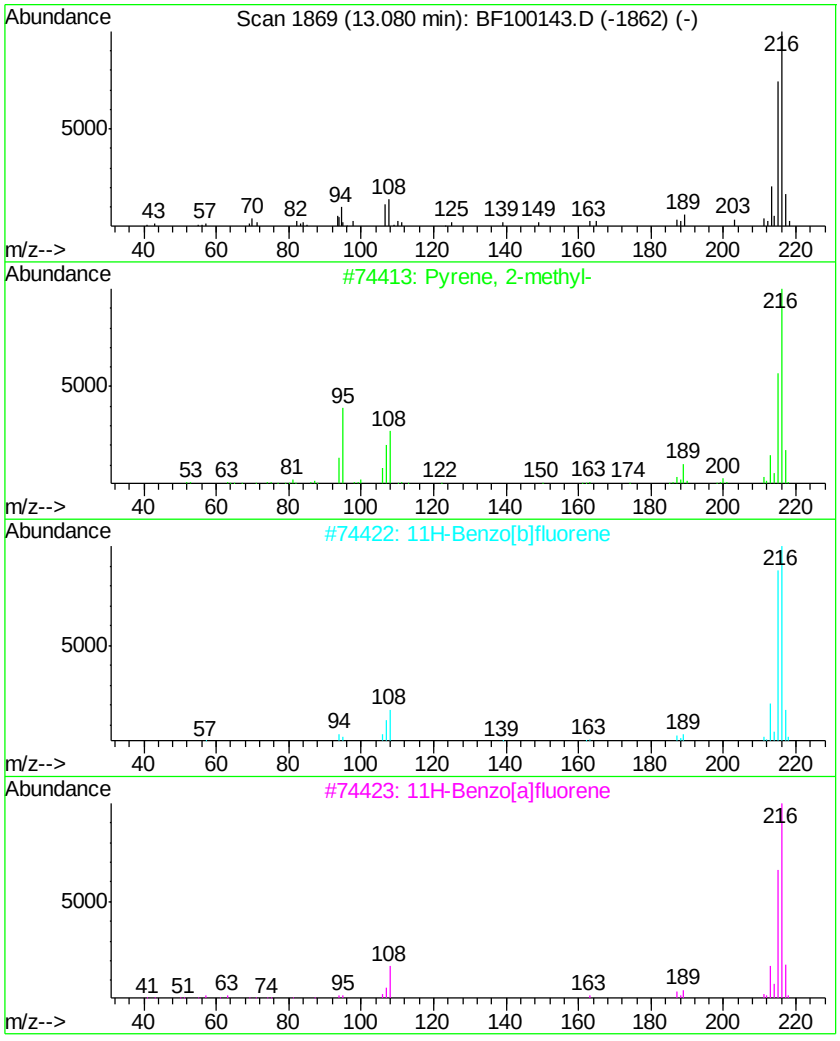
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

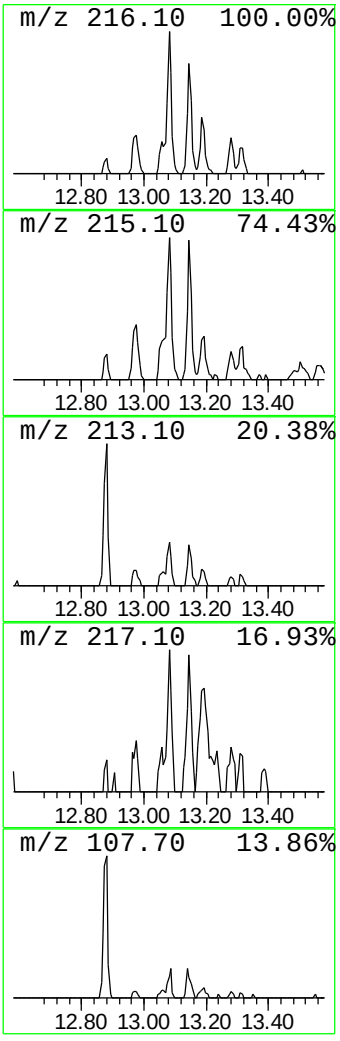
****

Peak Number 6 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.04 ng	64882	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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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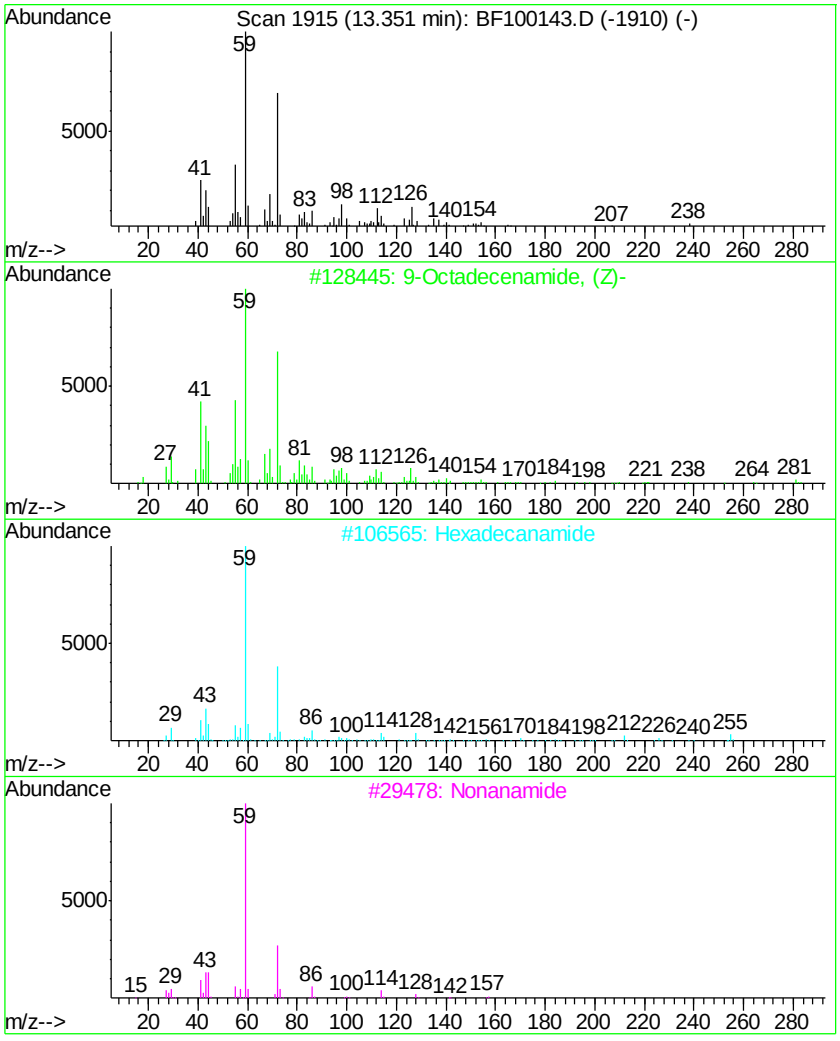
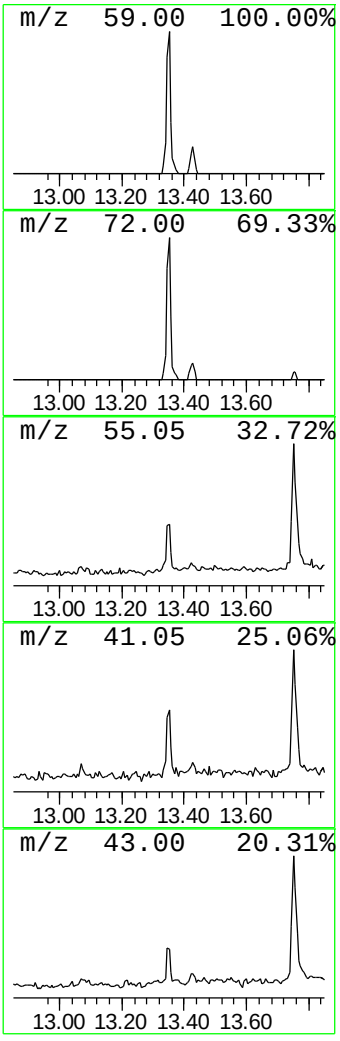
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.07 ng	65778	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Nonanamide	157	C9H19NO	001120-07-6	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Decanamide-	171	C10H21NO	002319-29-1	42





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Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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

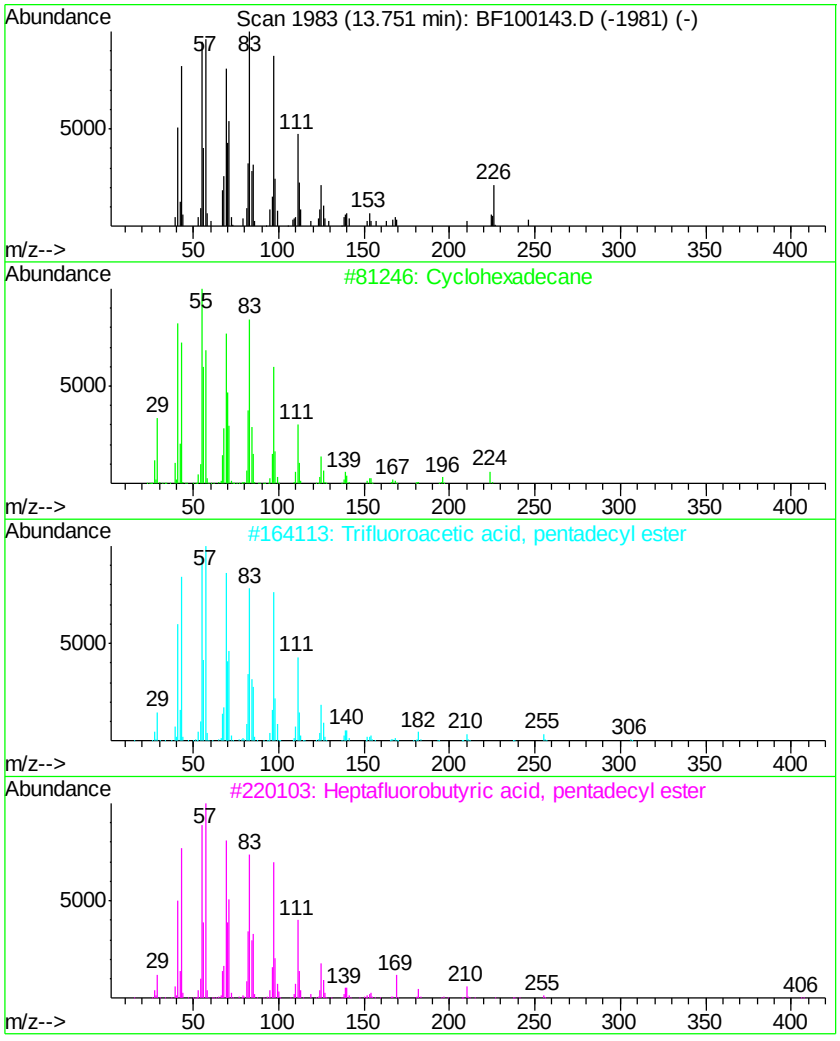
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

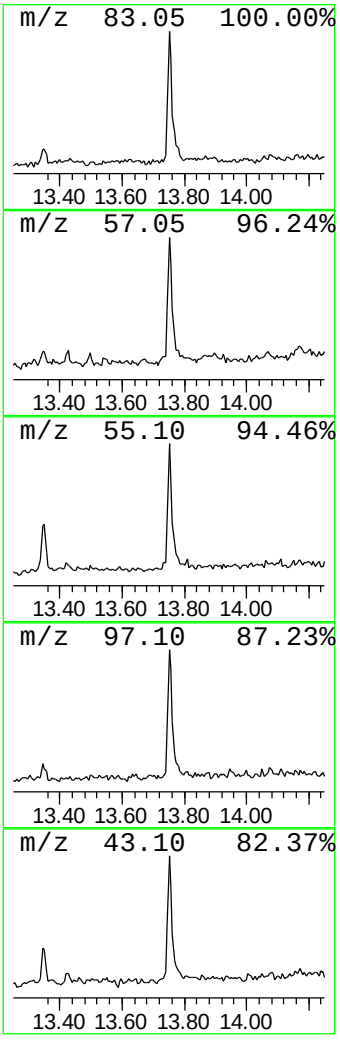
****

Peak Number 8 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.23 ng	166114	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





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Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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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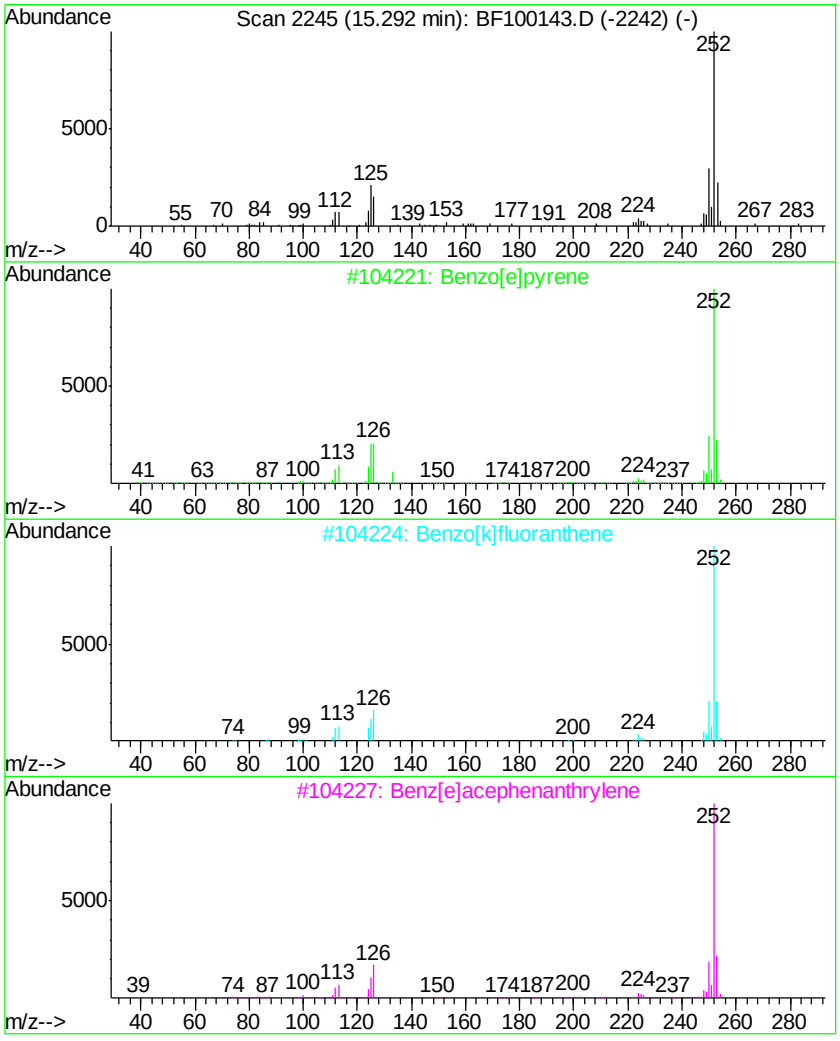
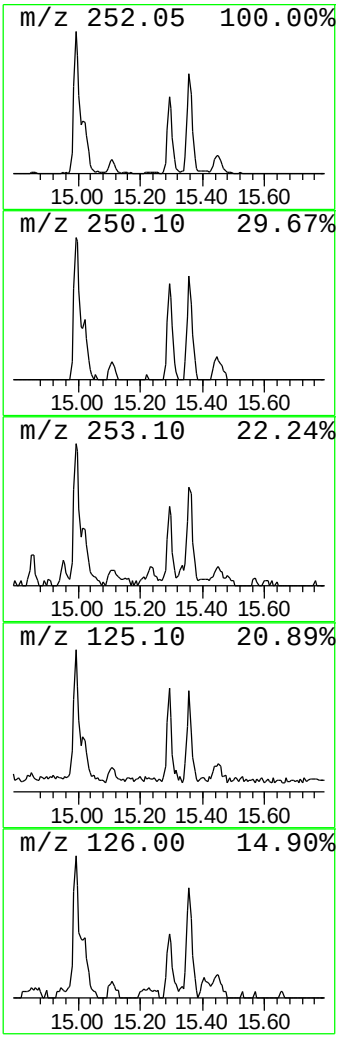
Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.00 ng	74621	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-4-12

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
2-Pentanone, 4-hy...	4.99	10.7	ng	292417	1	6.77	549200	20.0
unknown6.55	6.55	72.4	ng	1987580	1	6.77	549200	20.0
Benzophenone	10.52	4.4	ng	189475	3	9.80	862284	20.0
n-Hexadecanoic acid	11.81	3.6	ng	145455	4	11.30	808742	20.0
Pyrene, 2-methyl-	13.08	2.0	ng	64882	5	13.95	635183	20.0
9-Octadecenamide,...	13.35	2.1	ng	65778	5	13.95	635183	20.0
Cyclohexadecane	13.75	5.2	ng	166114	5	13.95	635183	20.0
Benzo[e]pyrene	15.29	3.0	ng	74621	6	15.41	498125	20.0