LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

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-BF012218.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	4.928	479	483	492	rVB	71586	98183	3.00%	0.319%
2	5.334	547	552	555	rBV	2936589	2961038	90.51%	9.630%
3	6.363	722	727	744	rBV	2705561	3271573	100.00%	10.640%
4	6.492	744	749	752	rBV	3087827	3000451	91.71%	9.758%
5	6.716	784	787	795	rBV	930576	756632	23.13%	2.461%
6	6.875	809	814	817	rBV	2592293	2279896	69.69%	7.415%
7	7.286	879	884	887	rBV	1777420	1700043	51.96%	5.529%
8	7.998	998	1005	1014	rBV	1115902	1029431	31.47%	3.348%
9	8.716	1123	1127	1129	rBV	36877	33277	1.02%	0.108%
10	8.810	1137	1143	1149	rVB	36336	34701	1.06%	0.113%
11	9.075	1183	1188	1191	rBV	3115027	2850488	87.13%	9.270%
12	9.410	1241	1245	1248	rBV2	34993	38638	1.18%	0.126%
13	9.469	1252	1255	1262	rVB	473340	425935	13.02%	1.385%
14	9.680	1288	1291	1295	rVB	85513	66224	2.02%	0.215%
15	9.751	1299	1303	1307	rVV	1043732	954870	29.19%	3.105%
16	9.786	1307	1309	1313	rVB	128235	105766	3.23%	0.344%
17	9.910	1326	1330	1334	rBV3	24360	35762	1.09%	0.116%
18	9.957	1334	1338	1342	rVV2	64813	74759	2.29%	0.243%
19	9.998	1342	1345	1349	rVB3	28037	33473	1.02%	0.109%
20	10.151	1368	1371	1373	rBV	61256	51118	1.56%	0.166%
21	10.180	1373	1376	1379	rVB	116171	86941	2.66%	0.283%
22	10.298	1393	1396	1402	rVB	142287	129453	3.96%	0.421%
23	10.398	1409	1413	1416	rBV4	29734	42955	1.31%	0.140%
24	10.545	1434	1438	1449	rVB	1310705	1276312	39.01%	4.151%
25	10.651	1453	1456	1465	rVB	103759	147011	4.49%	0.478%
26	10.727	1466	1469	1476	rBV6	18784	33241	1.02%	0.108%
27	10.845	1486	1489	1493	rBV4	27545	34095	1.04%	0.111%
28	11.098	1528	1532	1535	rBV2	134395	119627	3.66%	0.389%
29	11.133	1535	1538	1544	rVB2	73461	75960	2.32%	0.247%
30	11.239	1550	1556	1558	rBV	968956	908733	27.78%	2.955%
31	11.263	1558	1560	1564	rVV	1009981	809551	24.75%	2.633%
32	11.316	1565	1569	1572	rVB	164312	163048	4.98%	0.530%
33	11.474	1591	1596	1603	rBV2	90340	117404	3.59%	0.382%
34	11.527	1603	1605	1608	rBV2	44848	39499	1.21%	0.128%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.739	1638	1641	1643	rBV	77833	63191	1.93%	0.206%
36	11.768	1643	1646	1649	rVB	92508	78824	2.41%	0.256%
37	11.851	1657	1660	1662	rBV2	152115	144469	4.42%	0.470%
38	11.874	1662	1664	1667	rVB	48038	43257	1.32%	0.141%
39	11.933	1670	1674	1676	rBV3	25397	35190	1.08%	0.114%
40	12.033	1689	1691	1694	rBV	54076	52761	1.61%	0.172%
41	12.080	1694	1699	1702	rVV4	54159	105585	3.23%	0.343%
42	12.451	1758	1762	1766	rBV	947701	776553	23.74%	2.526%
43	12.680	1795	1801	1804	rBV	690423	756838	23.13%	2.461%
44	12.827	1821	1826	1832	rVB	1961775	2020295	61.75%	6.570%
45	13.010	1854	1857	1860	rVB	111758	106189	3.25%	0.345%
46	13.074	1865	1868	1871	rBV	139776	116879	3.57%	0.380%
47	13.715	1975	1977	1983	rVB3	117918	145282	4.44%	0.472%
48	13.880	2000	2005	2007	rBV2	771885	956637	29.24%	3.111%
49	13.904	2007	2009	2017	rVB	318432	293528	8.97%	0.955%
50	14.898	2175	2178	2186	rVB	243564	410748	12.56%	1.336%
51	15.245	2234	2237	2241	rBV	216182	281560	8.61%	0.916%
52	15.309	2244	2248	2251	rBV	499517	574593	17.56%	1.869%

Sum of corrected areas: 30748467

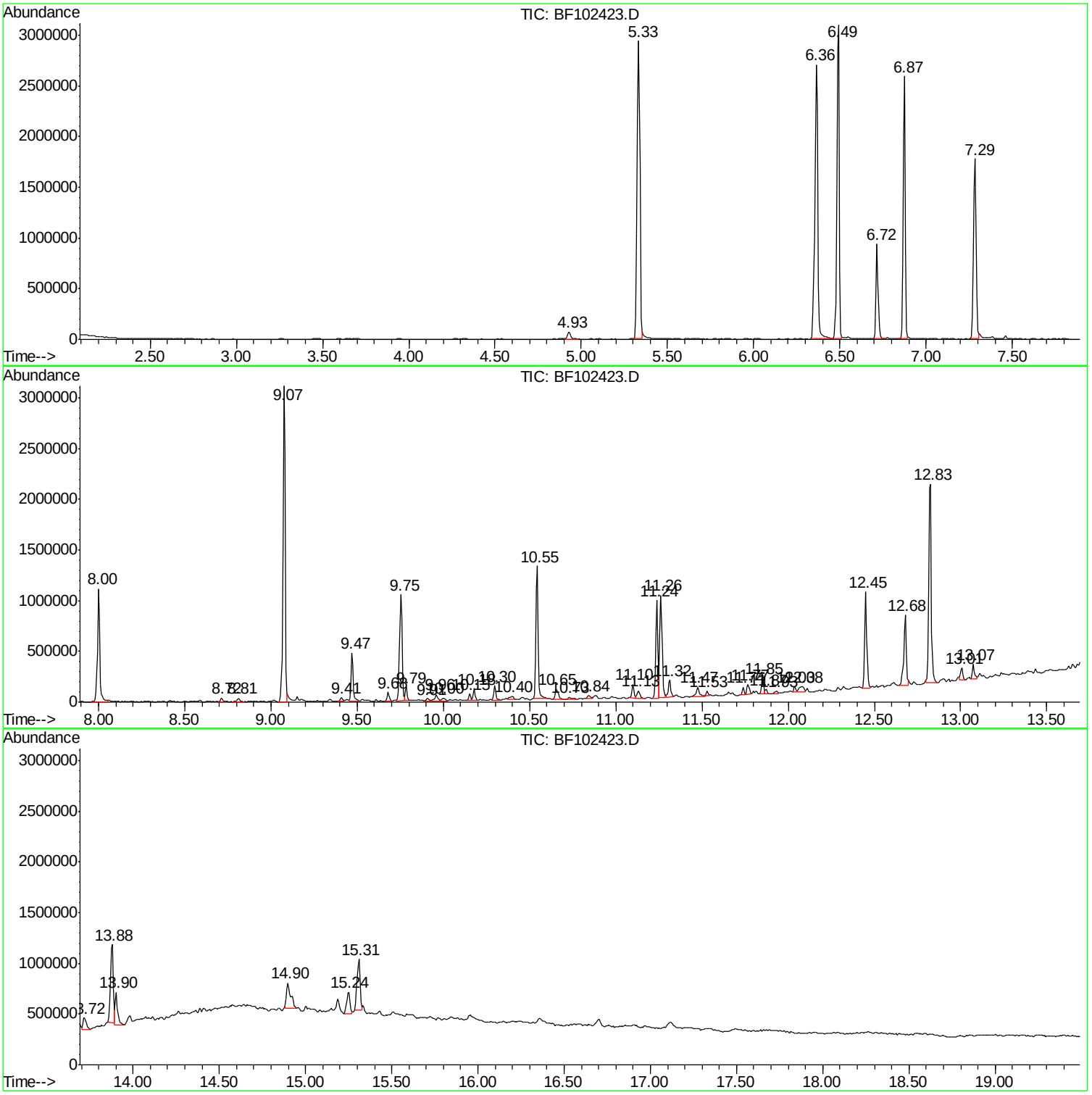
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

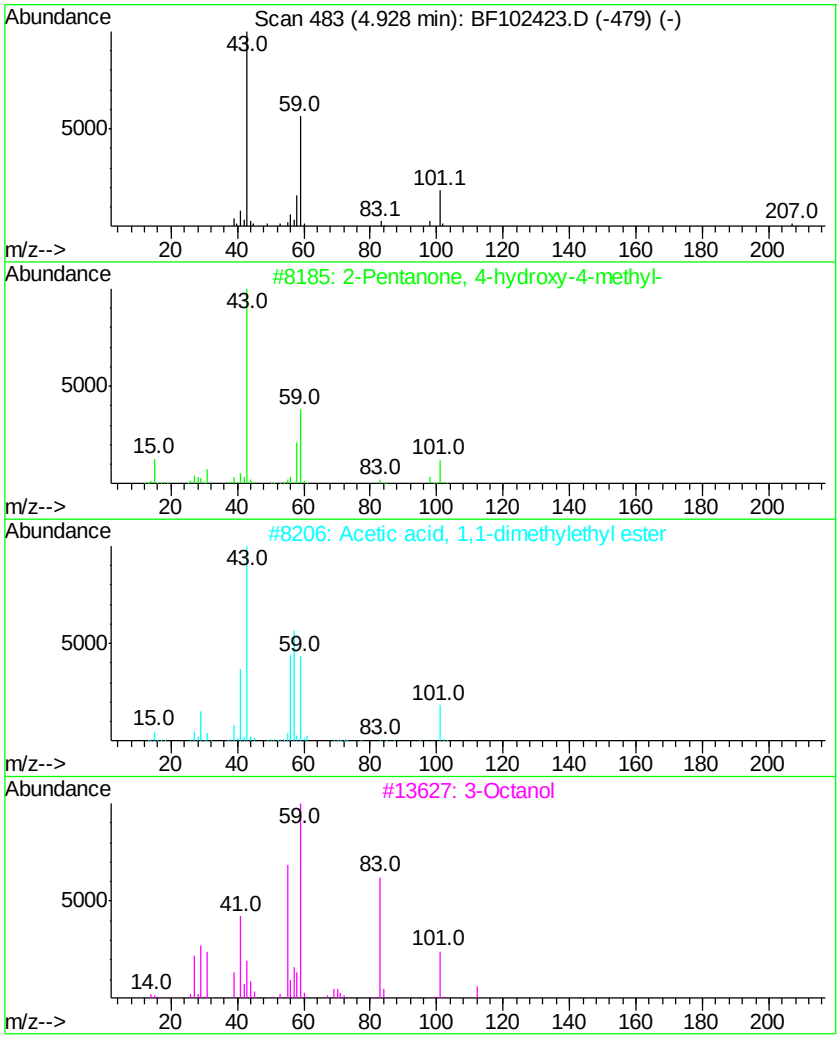
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

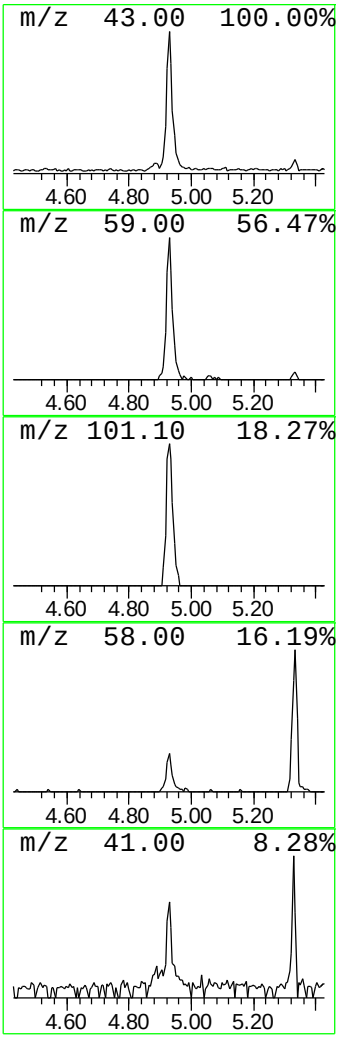
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.60 ng	98183	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

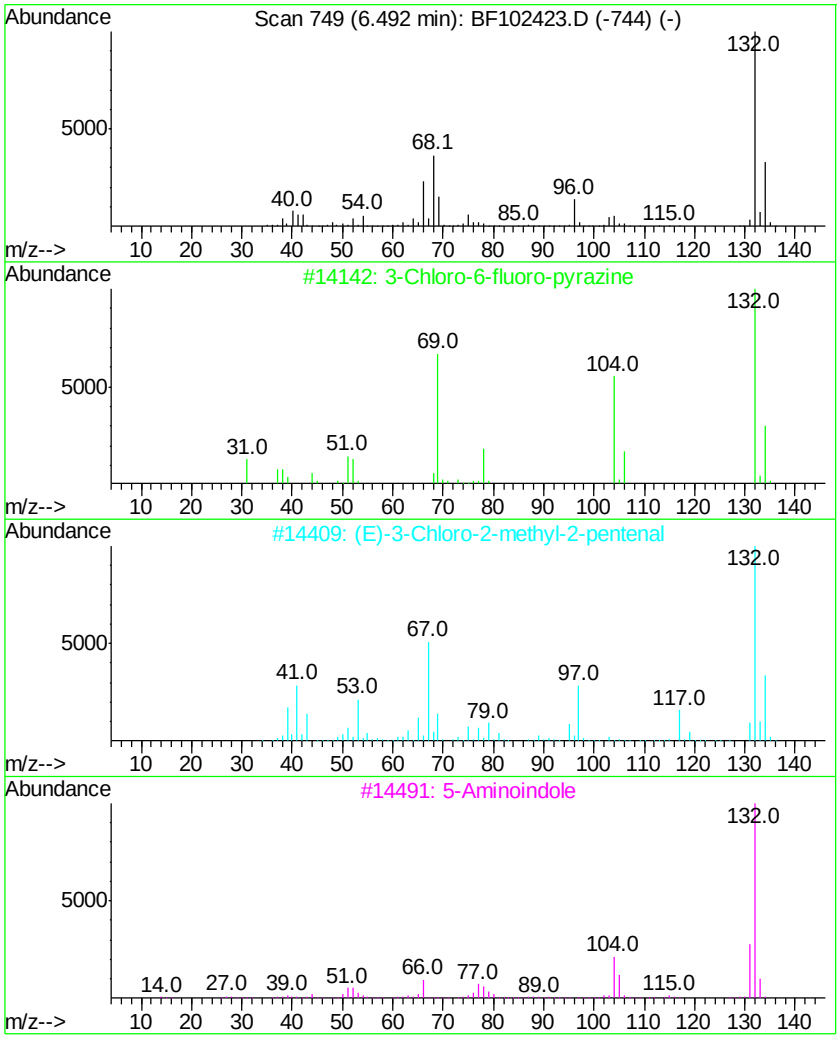
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

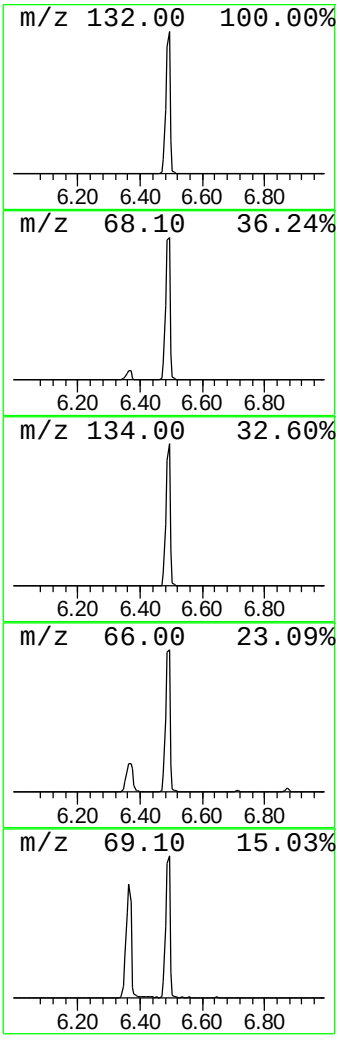
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	79.31 ng	3000450	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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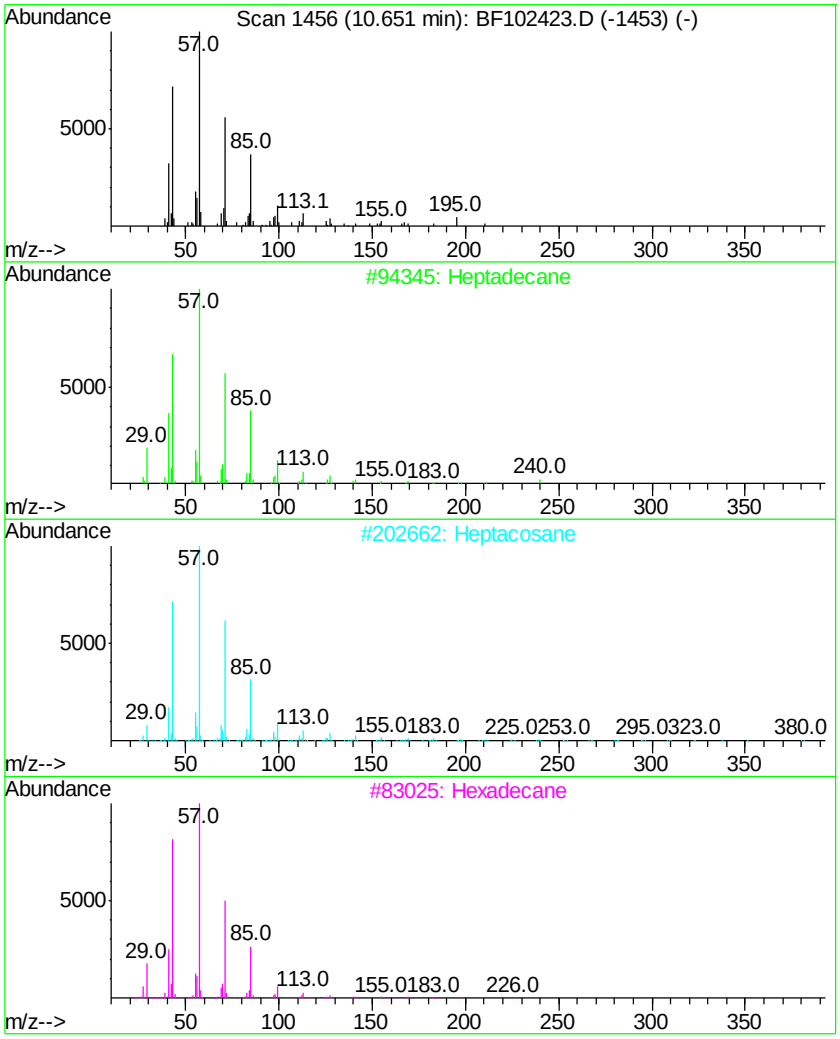
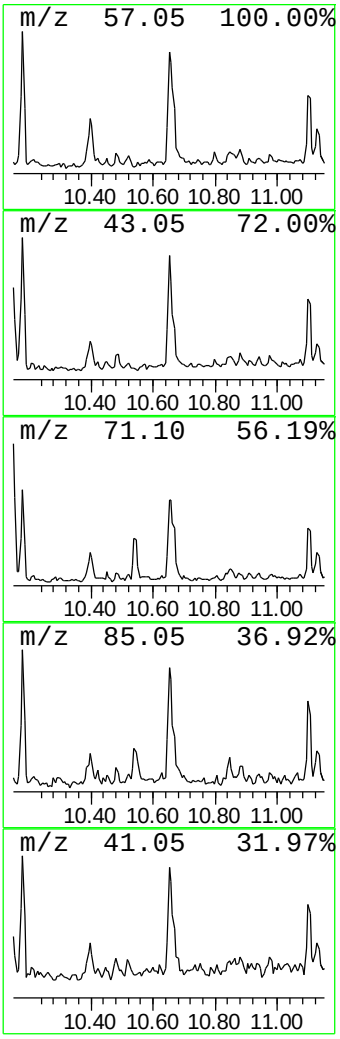
Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.24 ng	147011	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

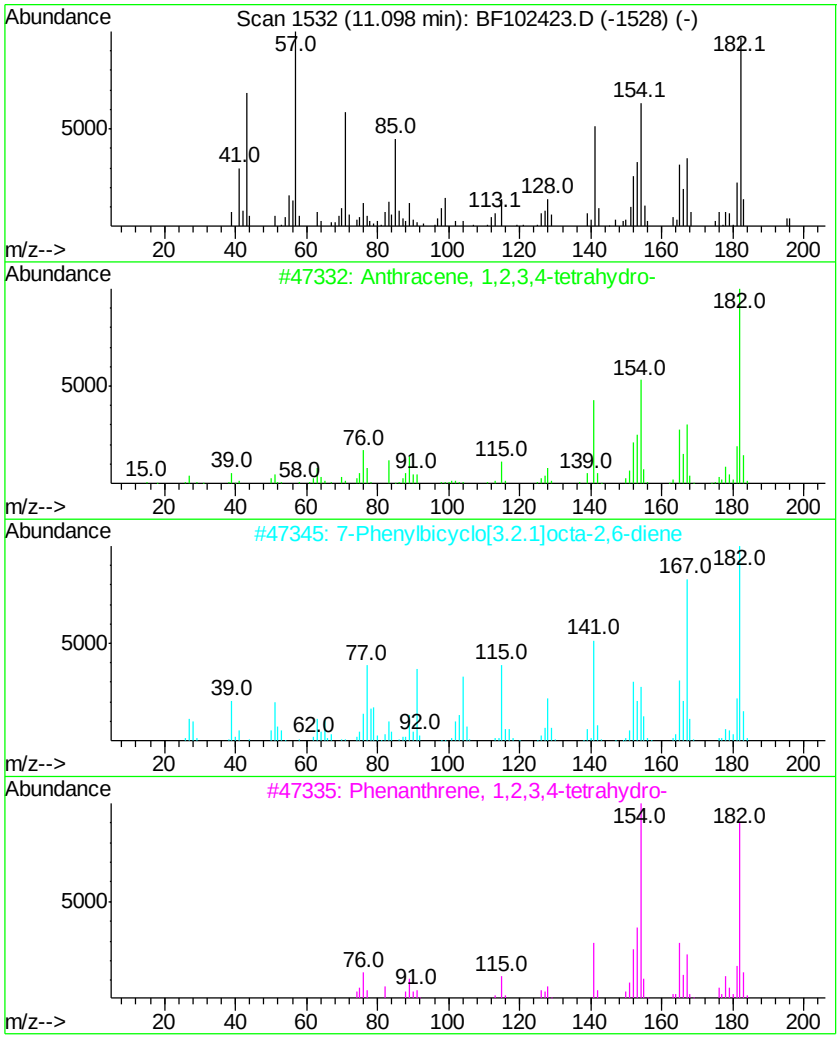
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

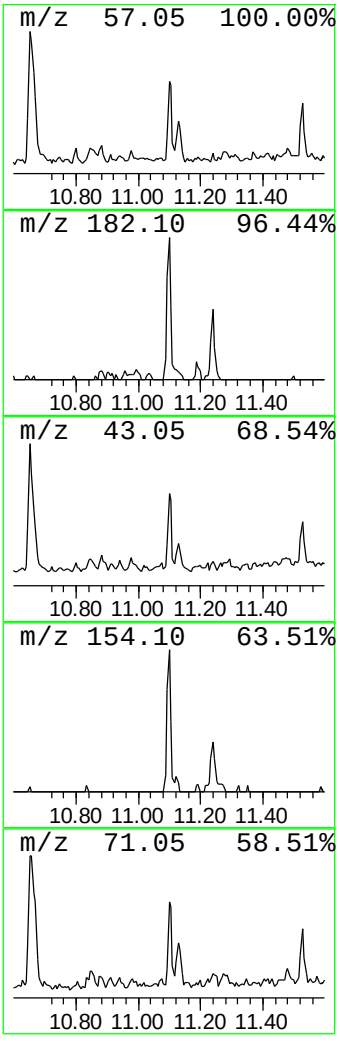
****

Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.63 ng	119627	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	70
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
4	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	64
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

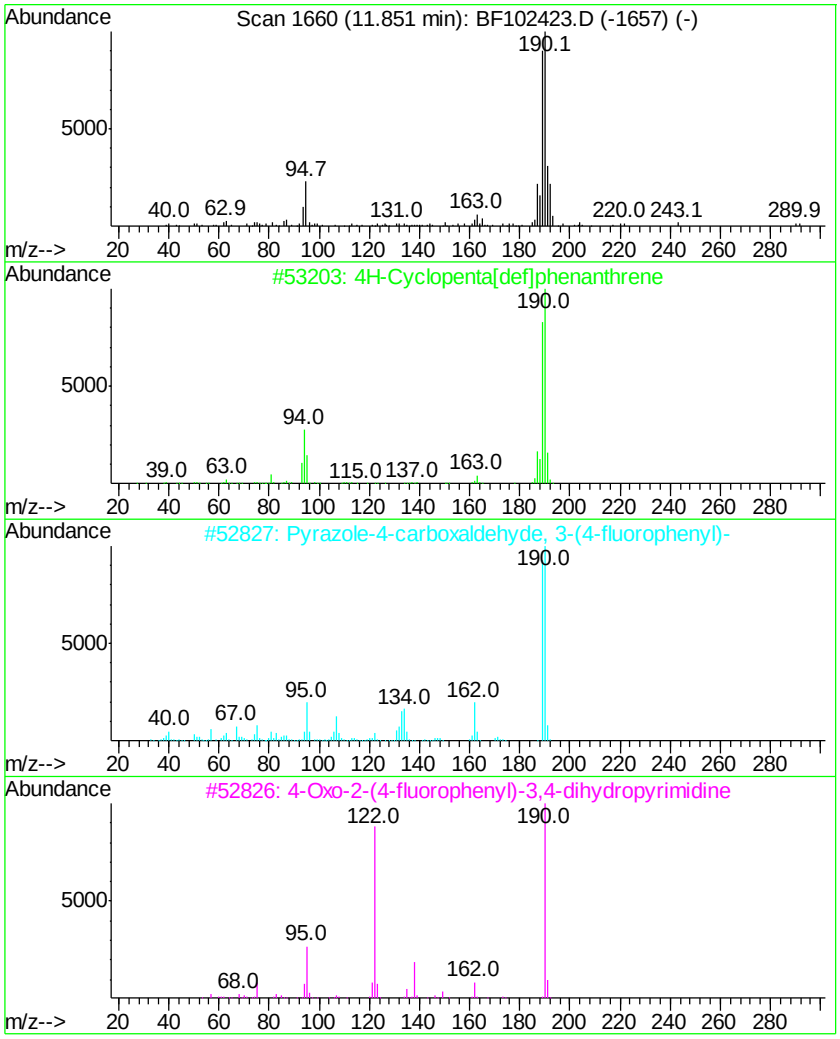
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

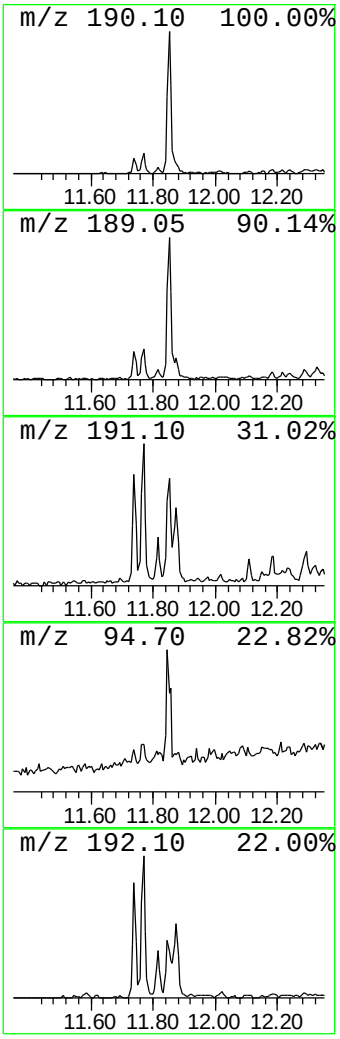
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.18 ng	144469	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	35
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	16





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
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Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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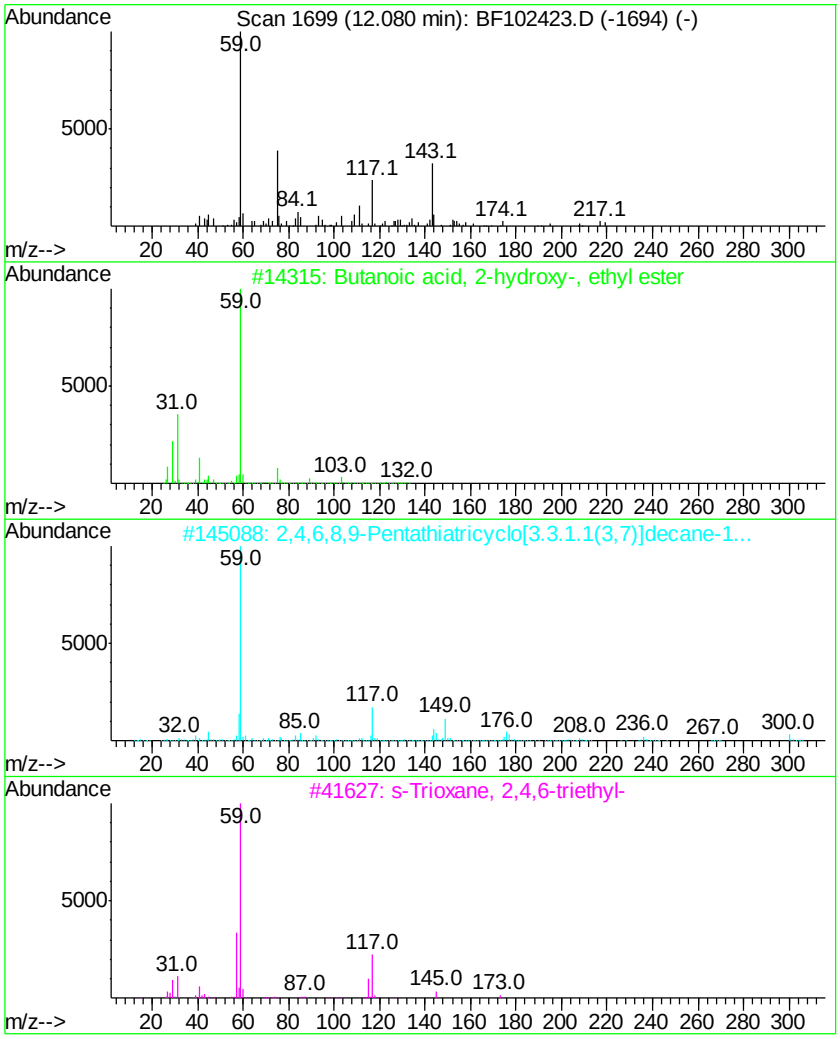
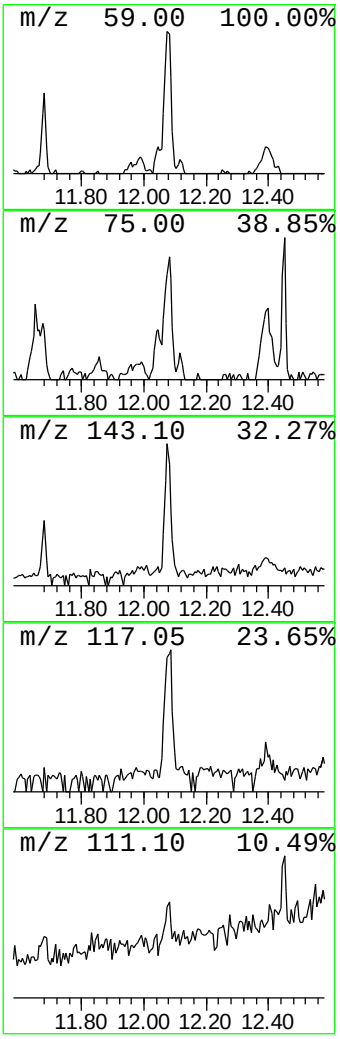
Peak Number 7 unknown12.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.32 ng	105585	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hydroxy-, ethyl...	132	C6H12O3	052089-54-0	35
2	2,4,6,8,9-Pentathiatricyclo[3.3....	300	C8H12S6	057274-31-4	25
3	s-Trioxane, 2,4,6-triethyl-	174	C9H18O3	002396-42-1	23
4	Cyclohexane, (ethoxymethoxy)-	158	C9H18O2	054699-29-5	17
5	3-Tridecanol	200	C13H28O	010289-68-6	17





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

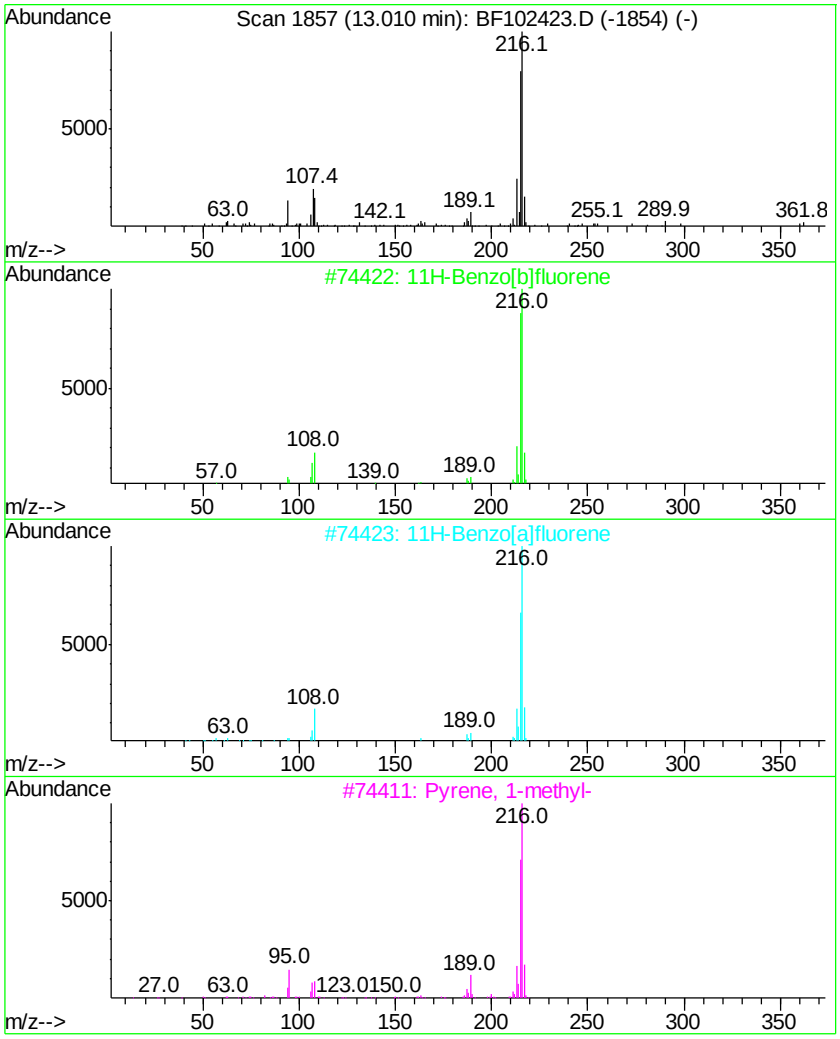
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

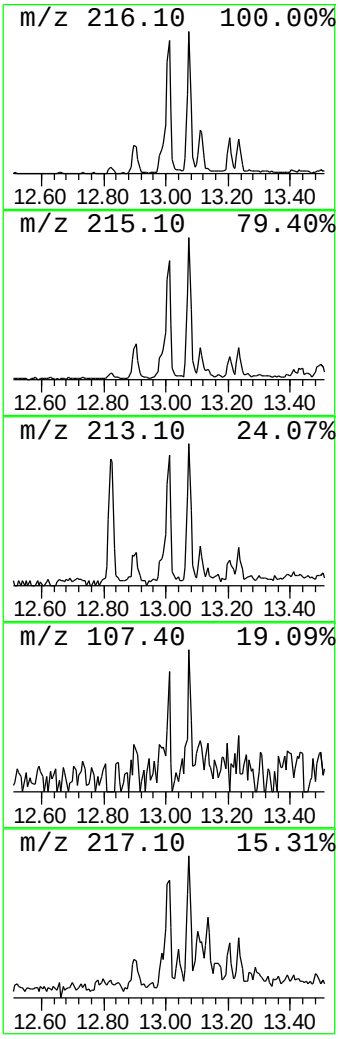
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.22 ng	106189	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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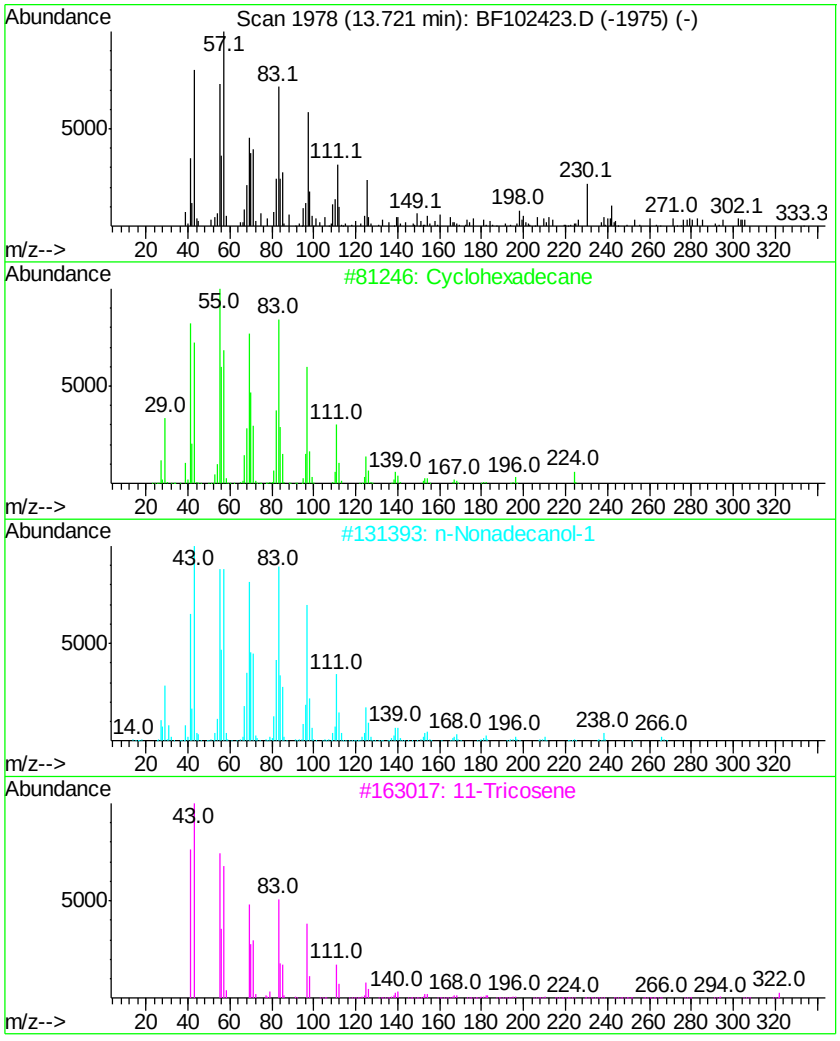
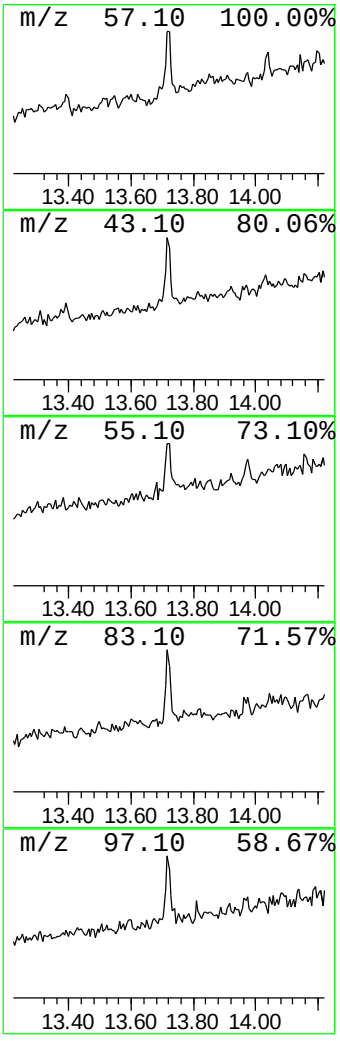
Peak Number 10 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.04 ng	145282	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	11-Tricosene	322	C23H46	052078-56-5	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	87





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102423.D
Acq On : 25 Jan 2018 13:52
Operator : SJ/JU
Sample : J1256-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.93	2.6	ng	98183	1	6.72	756632	20.0
unknown6.49	6.49	79.3	ng	3000450	1	6.72	756632	20.0
Heptadecane	10.65	3.2	ng	147011	4	11.24	908733	20.0
Anthracene, 1,2,3...	11.10	2.6	ng	119627	4	11.24	908733	20.0
4H-Cyclopenta[def...	11.85	3.2	ng	144469	4	11.24	908733	20.0
unknown12.08	12.08	2.3	ng	105585	4	11.24	908733	20.0
11H-Benzo[b]fluorene	13.01	2.2	ng	106189	5	13.88	956637	20.0
Cyclohexadecane	13.72	3.0	ng	145282	5	13.88	956637	20.0