LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

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-BF040618.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	5.010	493	497	505	rBV	67490	87714	4.29%	0.394%
2	5.428	564	568	582	rBV	2053968	1965559	96.07%	8.837%
3	6.451	738	742	753	rBV	2013994	2045921	100.00%	9.198%
4	6.581	760	764	767	rBV	2341824	1998322	97.67%	8.984%
5	6.804	799	802	806	rBV	681603	605815	29.61%	2.724%
6	6.963	825	829	832	rBV	1878161	1567093	76.60%	7.045%
7	7.375	894	899	902	rBV	1230612	1084897	53.03%	4.878%
8	8.092	1017	1021	1024	rBV	905658	727753	35.57%	3.272%
9	9.169	1200	1204	1213	rBV	2032216	1902699	93.00%	8.554%
10	9.563	1267	1271	1278	rVB	135227	129969	6.35%	0.584%
11	9.769	1303	1306	1309	rBV	39882	32064	1.57%	0.144%
12	9.851	1316	1320	1323	rBV	761988	728350	35.60%	3.275%
13	9.880	1323	1325	1329	rVB	52952	42963	2.10%	0.193%
14	10.269	1388	1391	1394	rVB	53814	40117	1.96%	0.180%
15	10.398	1410	1413	1417	rBV	39140	36731	1.80%	0.165%
16	10.639	1451	1454	1461	rBV	1113620	1075687	52.58%	4.836%
17	10.745	1469	1472	1482	rVB2	45242	59322	2.90%	0.267%
18	10.933	1500	1504	1508	rBV4	20786	34452	1.68%	0.155%
19	11.192	1544	1548	1551	rBV2	37252	36035	1.76%	0.162%
20	11.233	1551	1555	1561	rVB3	23545	35837	1.75%	0.161%
21	11.339	1569	1573	1575	rBV	802086	682816	33.37%	3.070%
22	11.363	1575	1577	1581	rVV	459871	354911	17.35%	1.596%
23	11.416	1582	1586	1589	rVB	116588	102211	5.00%	0.460%
24	11.574	1608	1613	1616	rBV2	38557	37515	1.83%	0.169%
25	11.839	1655	1658	1661	rBV	55886	51906	2.54%	0.233%
26	11.869	1661	1663	1666	rVV	85572	70933	3.47%	0.319%
27	11.916	1669	1671	1674	rVV	37123	32639	1.60%	0.147%
28	11.951	1674	1677	1680	rVV	104730	120630	5.90%	0.542%
29	11.974	1680	1681	1686	rVB	45796	28756	1.41%	0.129%
30	12.133	1706	1708	1711	rBV	40988	35409	1.73%	0.159%
31	12.169	1711	1714	1719	rVB2	27008	31701	1.55%	0.143%
32	12.392	1746	1752	1754	rBV	46650	60034	2.93%	0.270%
33	12.427	1754	1758	1760	rVV3	22969	30609	1.50%	0.138%
34	12.480	1763	1767	1772	rBV2	38239	51331	2.51%	0.231%

LSC Area Percent Report

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Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.557	1776	1780	1783	rBV	789653	696365	34.04%	3.131%
36	12.651	1792	1796	1798	rBV3	19305	23216	1.13%	0.104%
37	12.786	1812	1819	1822	rBV	696410	742591	36.30%	3.339%
38	12.833	1825	1827	1831	rVB2	36336	37085	1.81%	0.167%
39	12.921	1836	1842	1846	rBV	1509926	1524691	74.52%	6.855%
40	13.004	1851	1856	1860	rVV2	41893	76263	3.73%	0.343%
41	13.086	1867	1870	1871	rBV3	35003	31284	1.53%	0.141%
42	13.110	1872	1874	1878	rVB	98514	94045	4.60%	0.423%
43	13.180	1883	1886	1889	rBV	85632	76247	3.73%	0.343%
44	13.216	1889	1892	1895	rBV2	62092	64407	3.15%	0.290%
45	13.310	1905	1908	1911	rBV2	36393	32955	1.61%	0.148%
46	13.339	1911	1913	1916	rVV2	34827	34991	1.71%	0.157%
47	13.398	1920	1923	1927	rVV	51619	46884	2.29%	0.211%
48	13.592	1954	1956	1958	rBV3	22080	24071	1.18%	0.108%
49	13.627	1959	1962	1966	rVB	49770	60407	2.95%	0.272%
50	13.733	1977	1980	1982	rBV2	43645	40531	1.98%	0.182%
51	13.763	1982	1985	1987	rVV	55160	52284	2.56%	0.235%
52	13.786	1987	1989	1991	rVV	46373	53243	2.60%	0.239%
53	13.815	1991	1994	2004	rVB2	102583	156246	7.64%	0.702%
54	13.986	2018	2023	2026	rBV2	670924	846280	41.36%	3.805%
55	14.010	2026	2027	2034	rVB	281238	218686	10.69%	0.983%
56	14.092	2039	2041	2044	rBV	58044	52528	2.57%	0.236%
57	14.374	2087	2089	2091	rVB2	43061	32017	1.56%	0.144%
58	14.821	2162	2165	2169	rVB	276429	280111	13.69%	1.259%
59	15.027	2197	2200	2204	rBV	184516	291069	14.23%	1.309%
60	15.333	2249	2252	2258	rVB	111021	142270	6.95%	0.640%
61	15.392	2259	2262	2268	rVB	161144	195618	9.56%	0.879%
62	15.457	2269	2273	2277	rBV	309253	387691	18.95%	1.743%

Sum of corrected areas: 22242777

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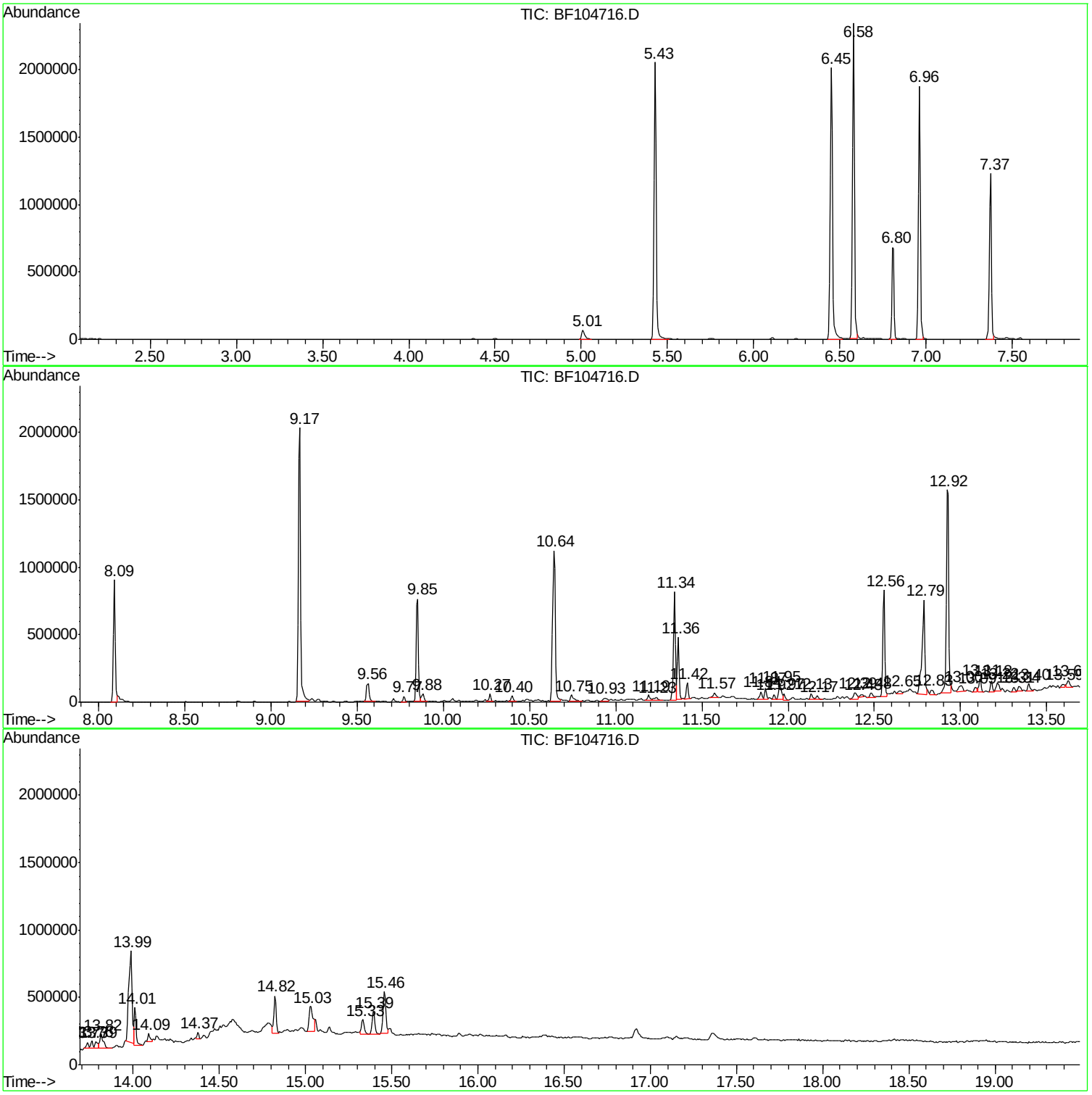
Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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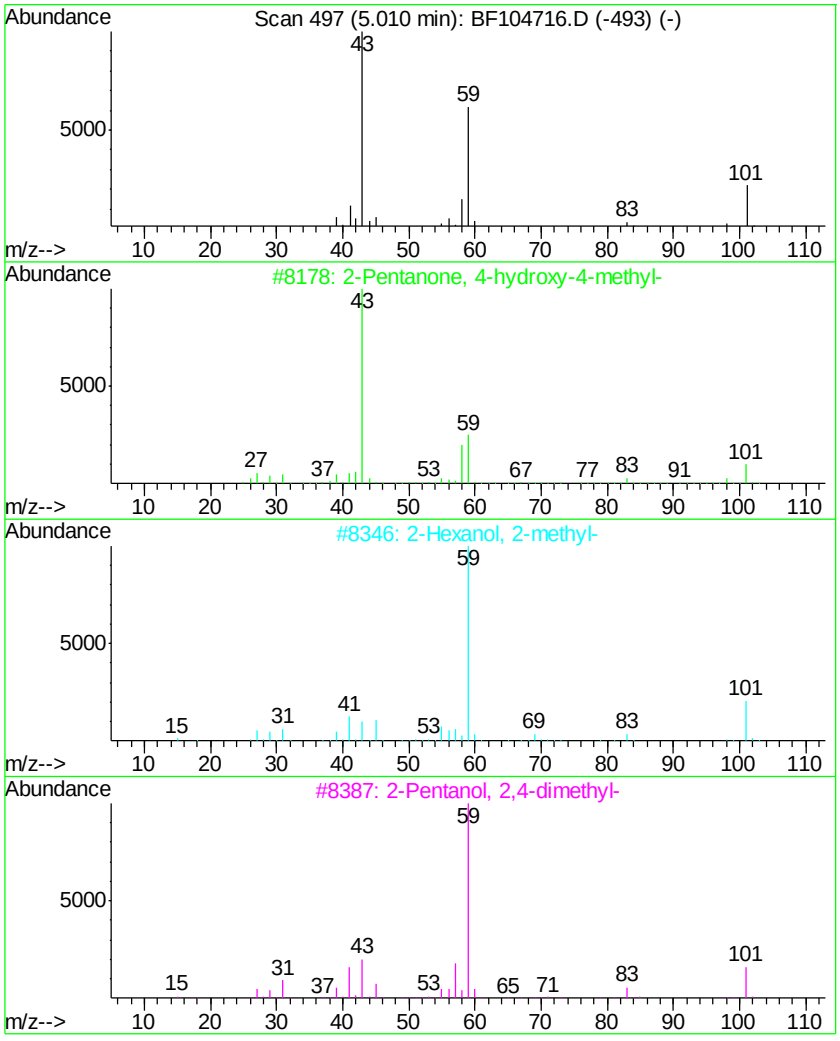
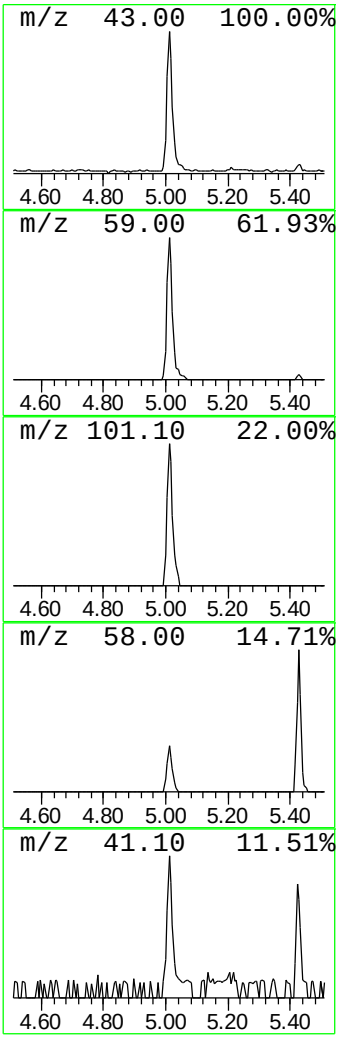
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.90 ng	87714	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hexanol	102	C6H14O	000623-37-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

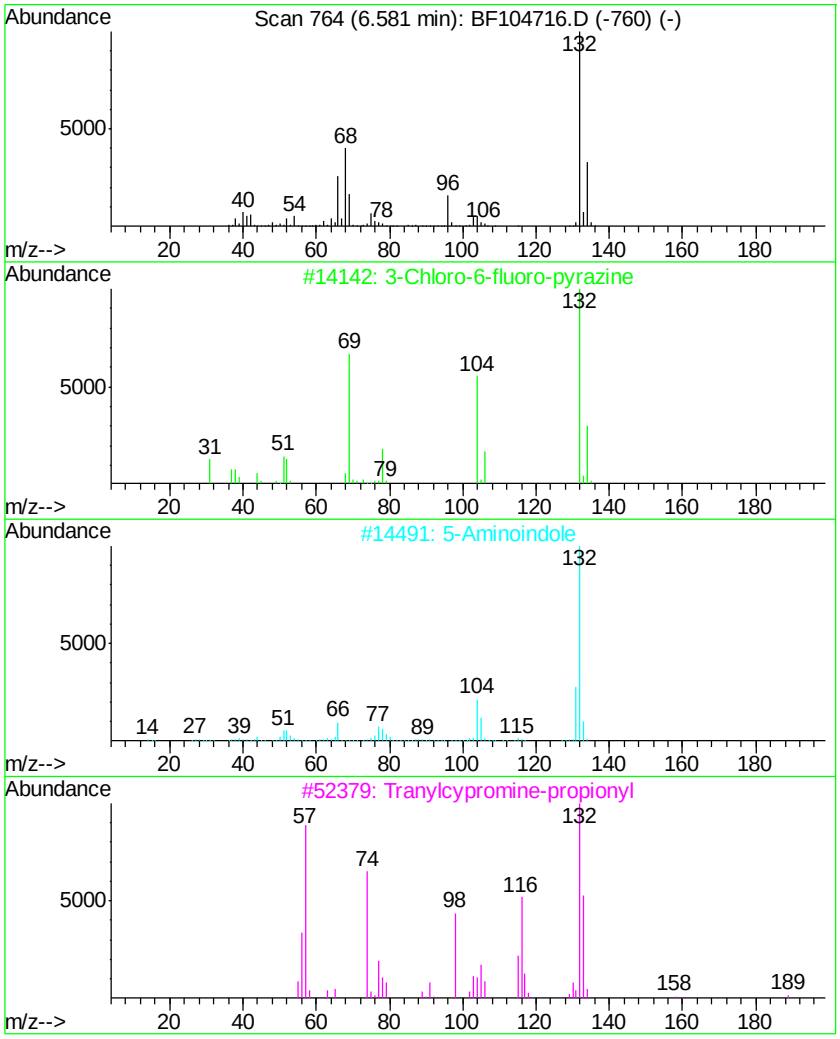
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

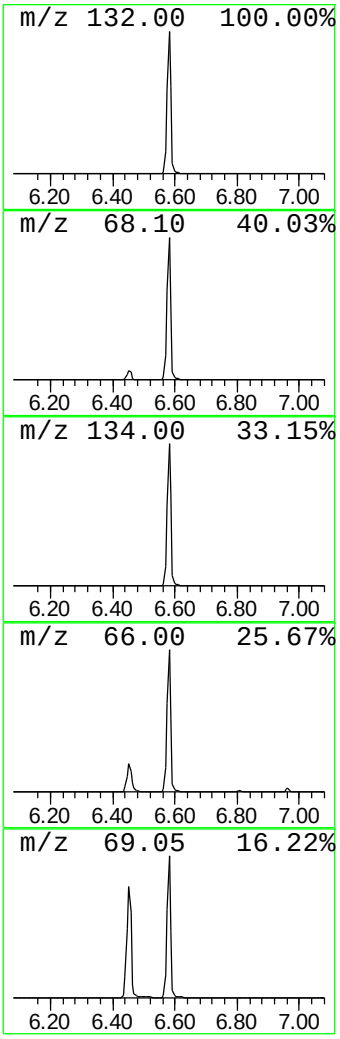
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	65.97 ng	1998320	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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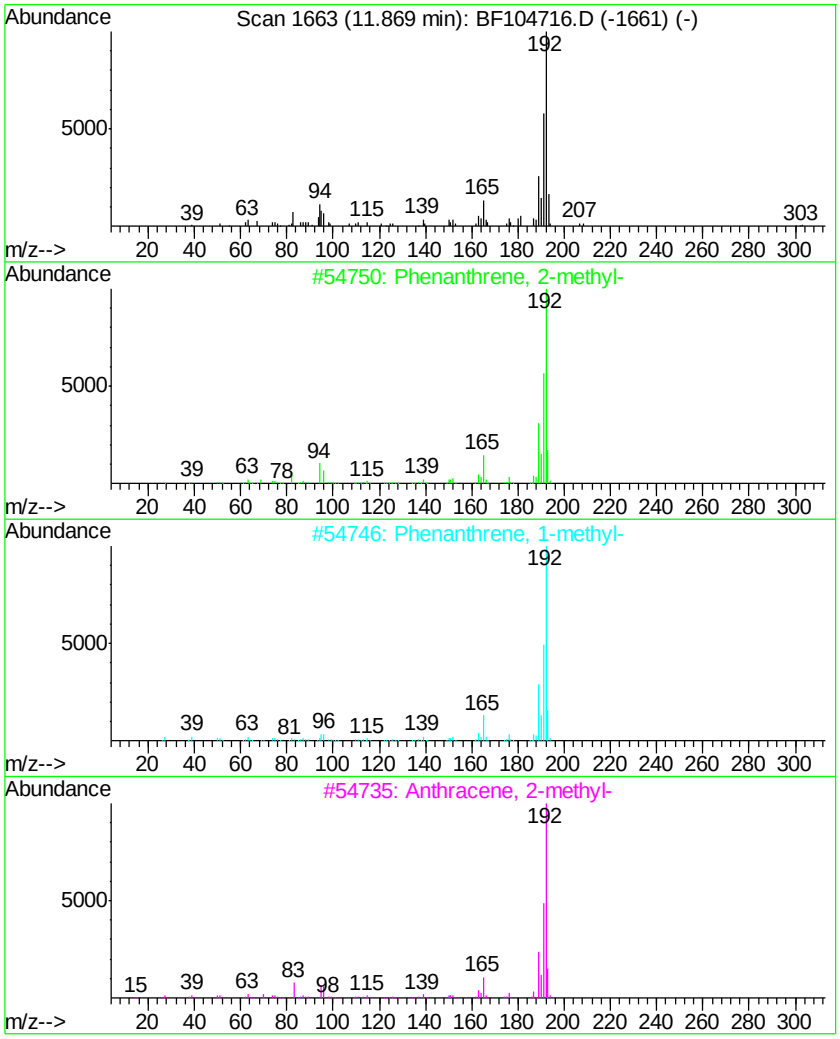
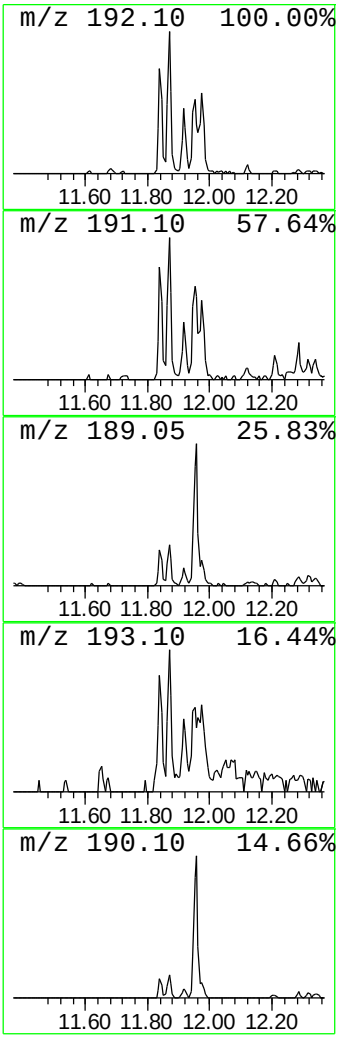
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.08 ng	70933	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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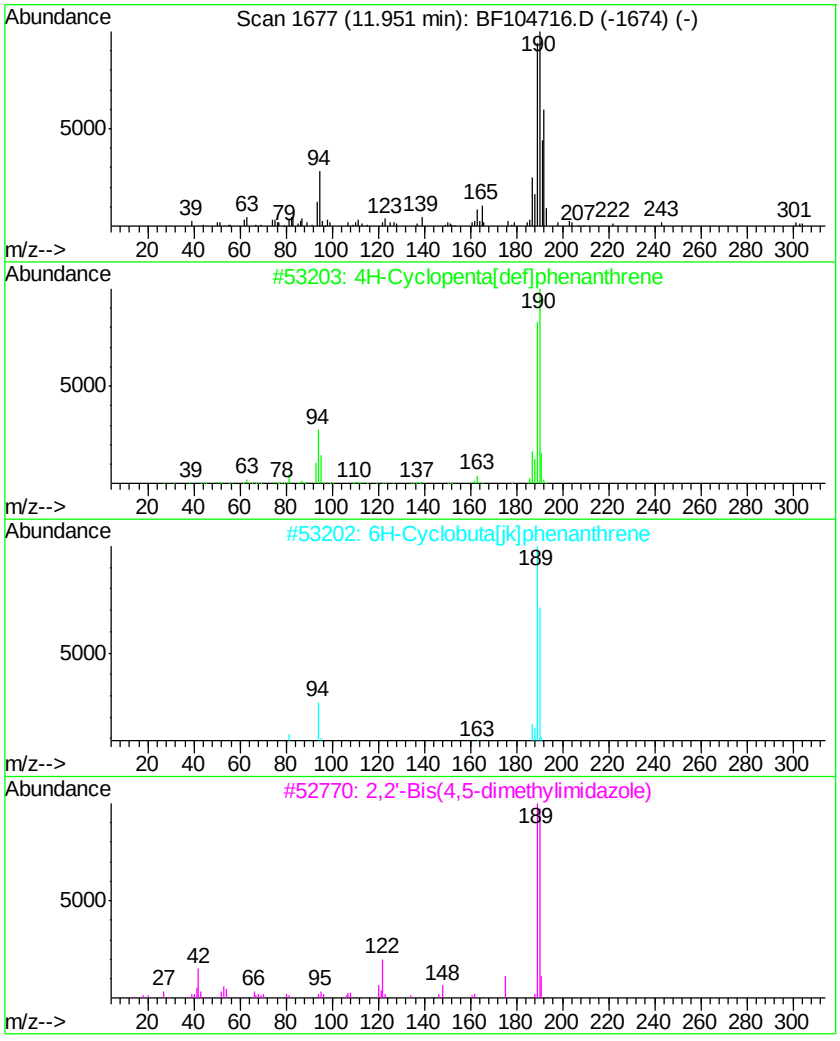
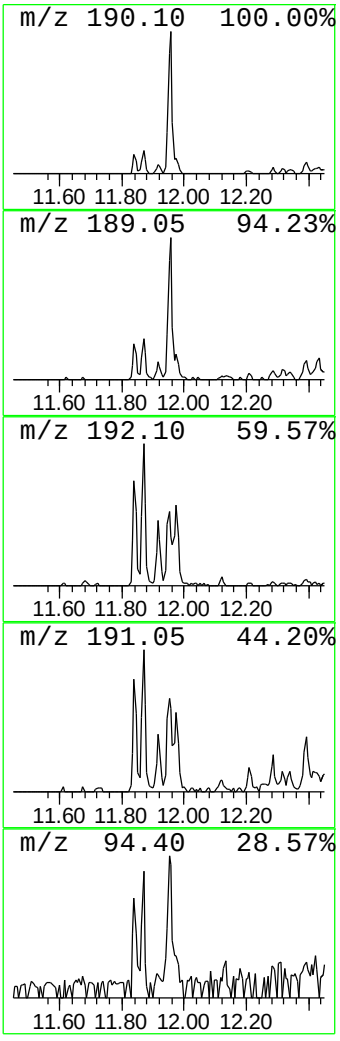
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.53 ng	120630	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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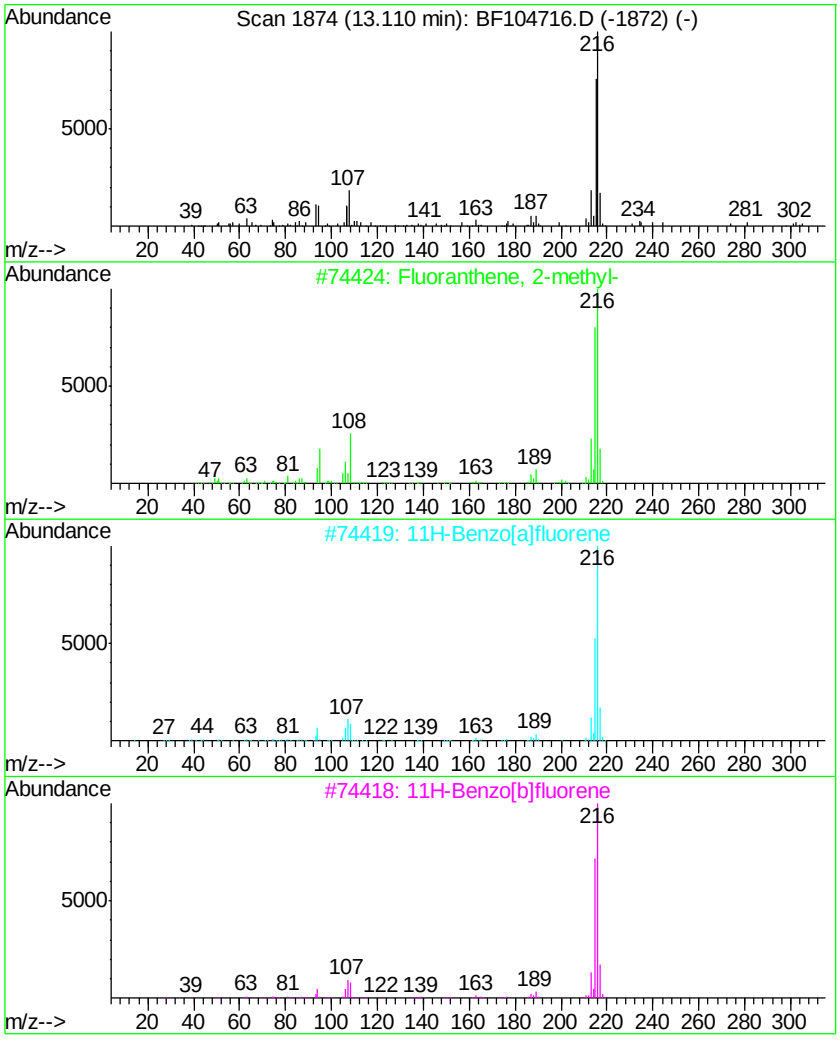
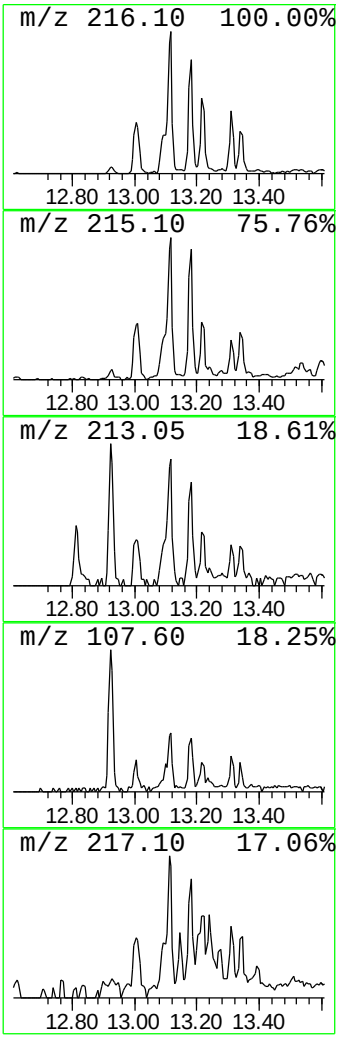
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.22 ng	94045	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BF104716.D
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Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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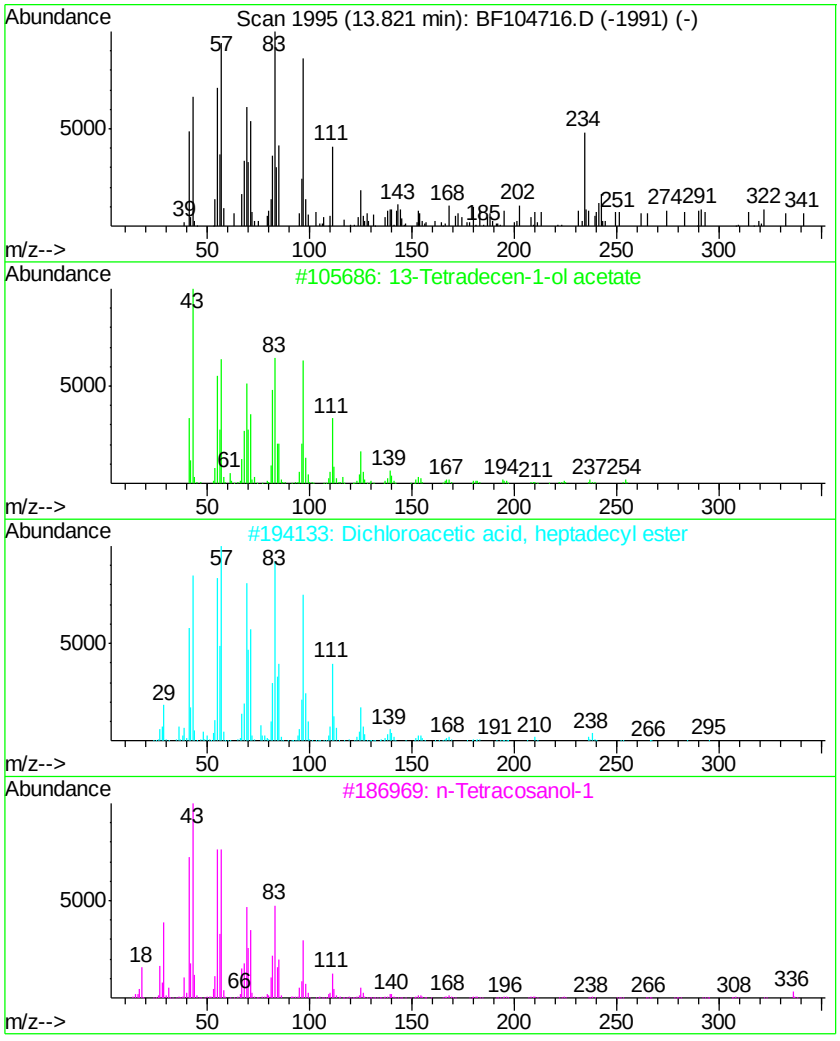
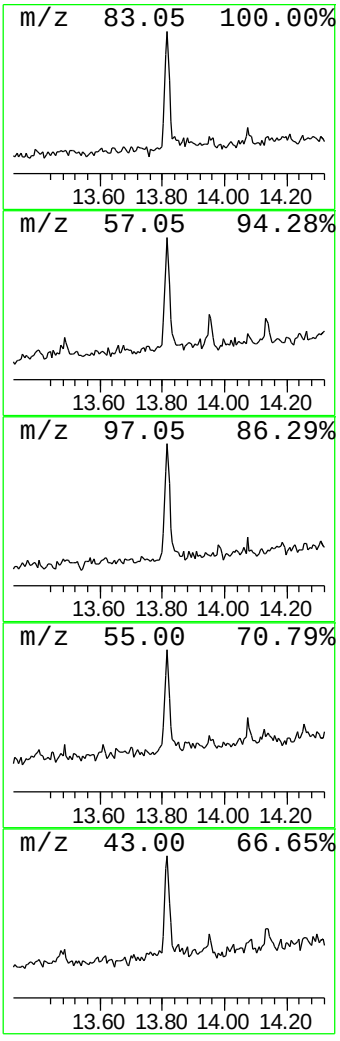
Peak Number 7 13-Tetradecen-1-ol acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.69 ng	156246	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	80
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	80
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	1-Heptacosanol	396	C27H56O	002004-39-9	70
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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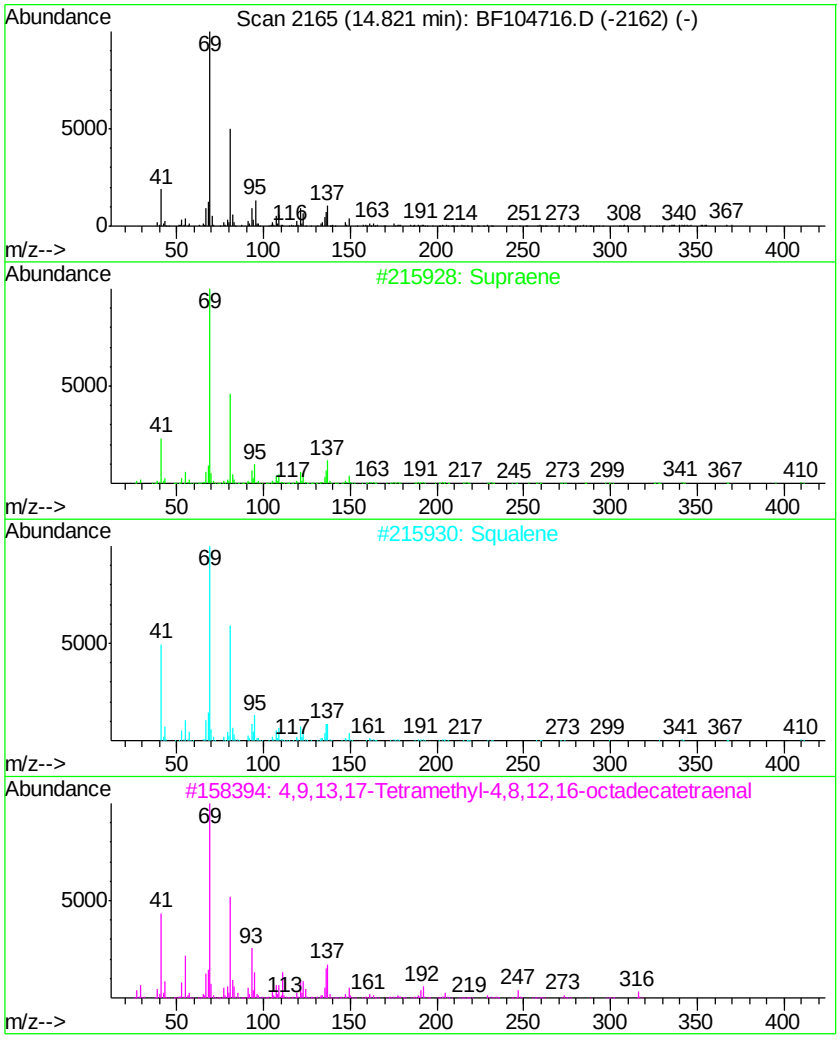
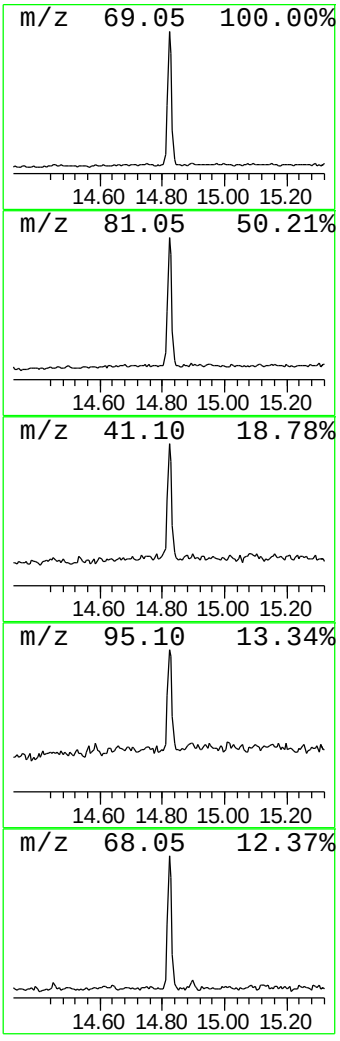
Peak Number 8 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.45 ng	280111	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





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Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
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Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

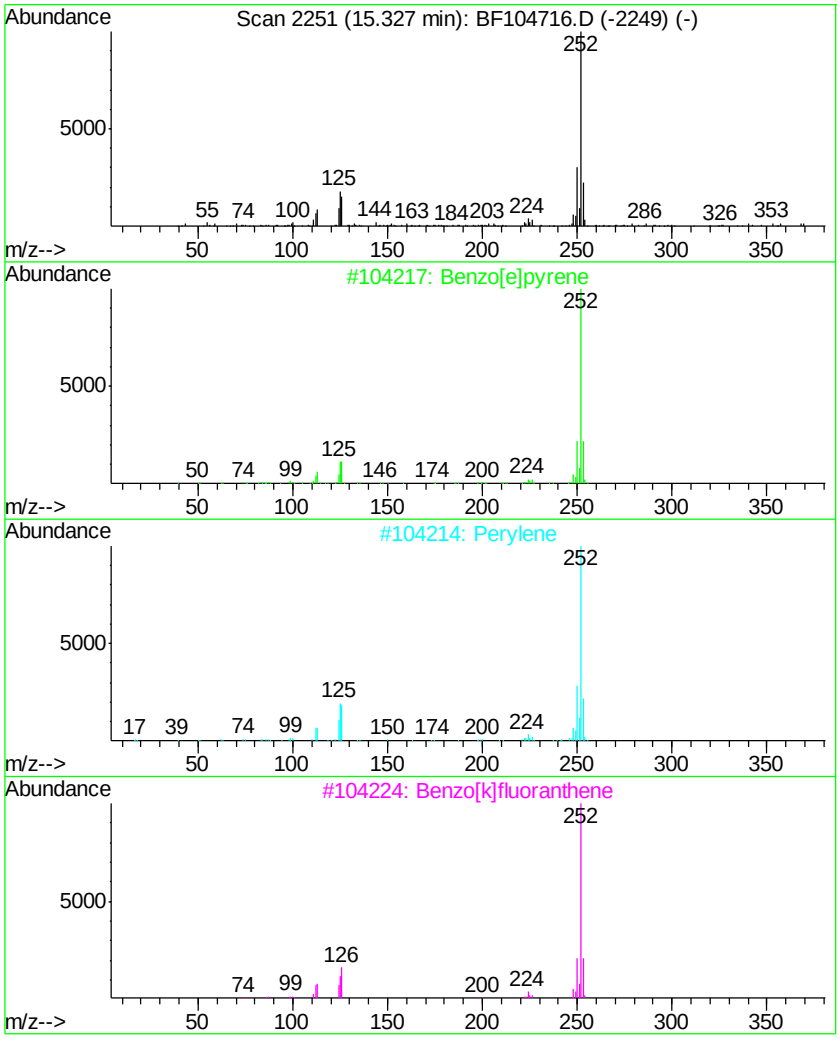
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

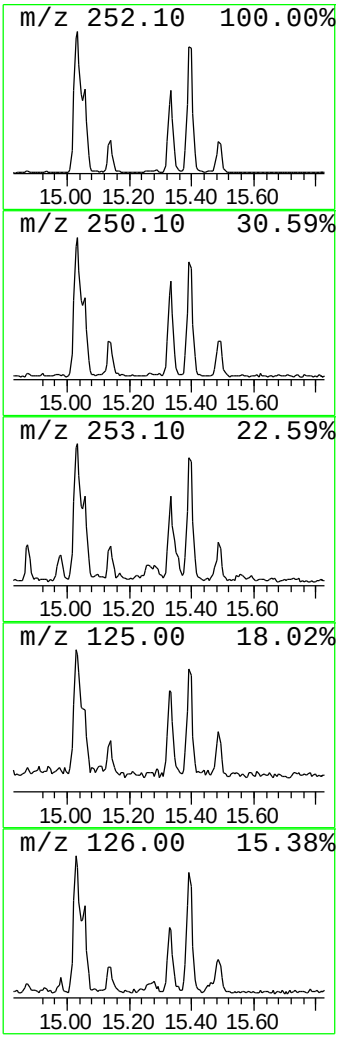
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.34 ng	142270	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHLAWN-PRECHAR-AREA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.01	2.9	ng	87714	1	6.81	605815	20.0
unknown6.58	6.58	66.0	ng	1998320	1	6.81	605815	20.0
Phenanthrene, 2-m...	11.87	2.1	ng	70933	4	11.34	682816	20.0
4H-Cyclopenta[def...	11.95	3.5	ng	120630	4	11.34	682816	20.0
Fluoranthene, 2-m...	13.11	2.2	ng	94045	5	13.99	846280	20.0
13-Tetradecen-1-o...	13.82	3.7	ng	156246	5	13.99	846280	20.0
Supraene	14.82	14.4	ng	280111	6	15.46	387691	20.0
Benzo[e]pyrene	15.33	7.3	ng	142270	6	15.46	387691	20.0