LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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	3.246	193	197	208	rBV	60446	140398	5.86%	0.452%
2	5.016	493	498	507	rBV	84488	113289	4.73%	0.365%
3	5.428	563	568	571	rBV	2387292	2293623	95.66%	7.387%
4	6.451	737	742	754	rBV	2239715	2255685	94.08%	7.265%
5	6.581	759	764	767	rBV	2625170	2366184	98.69%	7.620%
6	6.804	799	802	806	rBV	863975	672775	28.06%	2.167%
7	6.963	825	829	832	rBV	2309509	1914994	79.87%	6.167%
8	7.369	894	898	901	rBV	1429488	1412119	58.90%	4.548%
9	8.063	1014	1016	1017	rBV	37275	27773	1.16%	0.089%
10	8.086	1017	1020	1023	rVV	892364	788468	32.89%	2.539%
11	8.675	1117	1120	1124	rBV	60312	51763	2.16%	0.167%
12	8.904	1156	1159	1162	rBV2	31628	29545	1.23%	0.095%
13	9.163	1199	1203	1206	rBV	2779305	2397610	100.00%	7.722%
14	9.239	1213	1216	1218	rBV	93379	76373	3.19%	0.246%
15	9.498	1257	1260	1264	rBV3	29428	34651	1.45%	0.112%
16	9.557	1266	1270	1273	rBV	185533	154731	6.45%	0.498%
17	9.704	1292	1295	1298	rBV	49423	47504	1.98%	0.153%
18	9.769	1303	1306	1310	rVB	160397	128115	5.34%	0.413%
19	9.845	1315	1319	1322	rVV	962311	826981	34.49%	2.663%
20	9.874	1322	1324	1328	rVB	144421	115670	4.82%	0.373%
21	9.998	1341	1345	1348	rBV3	30918	40493	1.69%	0.130%
22	10.051	1351	1354	1357	rVV	76306	81408	3.40%	0.262%
23	10.086	1357	1360	1364	rVB3	48466	47764	1.99%	0.154%
24	10.239	1383	1386	1388	rBV	24653	27906	1.16%	0.090%
25	10.269	1388	1391	1394	rVB	186305	147041	6.13%	0.474%
26	10.392	1409	1412	1417	rVB	156083	131914	5.50%	0.425%
27	10.480	1424	1427	1431	rBV2	49358	64504	2.69%	0.208%
28	10.545	1435	1438	1440	rVB2	29025	29030	1.21%	0.093%
29	10.639	1450	1454	1464	rVB	1252573	1261479	52.61%	4.063%
30	10.739	1469	1471	1481	rVB	170926	202180	8.43%	0.651%
31	10.933	1501	1504	1508	rBV3	38602	56644	2.36%	0.182%
32	11.063	1522	1526	1528	rBV4	20529	28603	1.19%	0.092%
33	11.186	1544	1547	1550	rBV	115624	114718	4.78%	0.369%
34	11.227	1550	1554	1559	rVB2	75756	106629	4.45%	0.343%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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	11.333	1568	1572	1574	rBV	865273	734478	30.63%	2.365%
36	11.357	1574	1576	1580	rVV	915686	711885	29.69%	2.293%
37	11.410	1582	1585	1588	rVV	219125	190355	7.94%	0.613%
38	11.445	1588	1591	1597	rVB2	34535	50953	2.13%	0.164%
39	11.569	1609	1612	1615	rVB	111679	90803	3.79%	0.292%
40	11.616	1618	1620	1626	rVB2	80261	71164	2.97%	0.229%
41	11.686	1626	1632	1634	rBV2	57332	79620	3.32%	0.256%
42	11.721	1634	1638	1640	rBV	497403	412608	17.21%	1.329%
43	11.833	1654	1657	1659	rBV	86788	82671	3.45%	0.266%
44	11.863	1659	1662	1665	rVV2	164960	165319	6.90%	0.532%
45	11.910	1668	1670	1673	rVB	43017	34239	1.43%	0.110%
46	11.945	1673	1676	1679	rBV	167256	179798	7.50%	0.579%
47	12.021	1686	1689	1691	rBV2	64628	64862	2.71%	0.209%
48	12.127	1704	1707	1710	rBV	61525	59957	2.50%	0.193%
49	12.157	1710	1712	1714	rBV	47717	45510	1.90%	0.147%
50	12.310	1735	1738	1740	rBV	34618	31551	1.32%	0.102%
51	12.380	1747	1750	1751	rBV2	69945	69194	2.89%	0.223%
52	12.410	1751	1755	1757	rVV	1809246	1777361	74.13%	5.724%
53	12.427	1757	1758	1764	rVV2	1135909	868810	36.24%	2.798%
54	12.474	1764	1766	1770	rVV2	37426	41168	1.72%	0.133%
55	12.515	1770	1773	1775	rVV	192480	170909	7.13%	0.550%
56	12.551	1775	1779	1782	rVV	1070688	867195	36.17%	2.793%
57	12.780	1812	1818	1824	rBV	925594	1027936	42.87%	3.311%
58	12.921	1838	1842	1845	rBV	2101311	1814886	75.70%	5.845%
59	13.110	1867	1874	1877	rBV	160514	257133	10.72%	0.828%
60	13.174	1882	1885	1888	rVB	117730	96495	4.02%	0.311%
61	13.210	1889	1891	1894	rVV2	69447	63607	2.65%	0.205%
62	13.810	1991	1993	2000	rVB3	246914	246911	10.30%	0.795%
63	13.980	2018	2022	2025	rBV2	806895	1040918	43.41%	3.352%
64	14.010	2025	2027	2033	rVB	337699	305699	12.75%	0.985%
65	15.027	2197	2200	2207	rVB	244504	414834	17.30%	1.336%
66	15.392	2259	2262	2268	rVB	207644	279480	11.66%	0.900%
67	15.456	2269	2273	2276	rBV	415270	513579	21.42%	1.654%

Sum of corrected areas: 31050452

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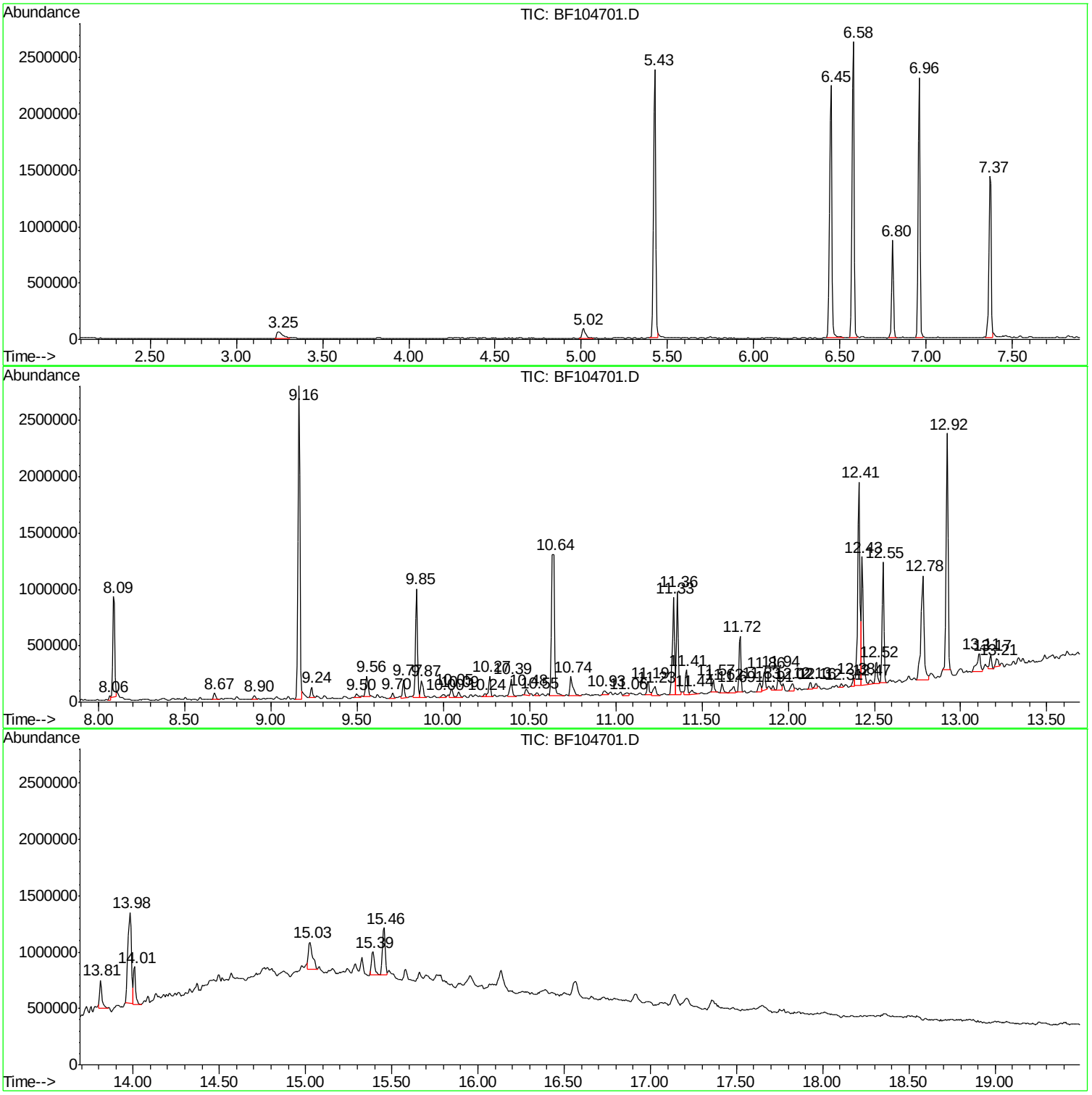
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-042018

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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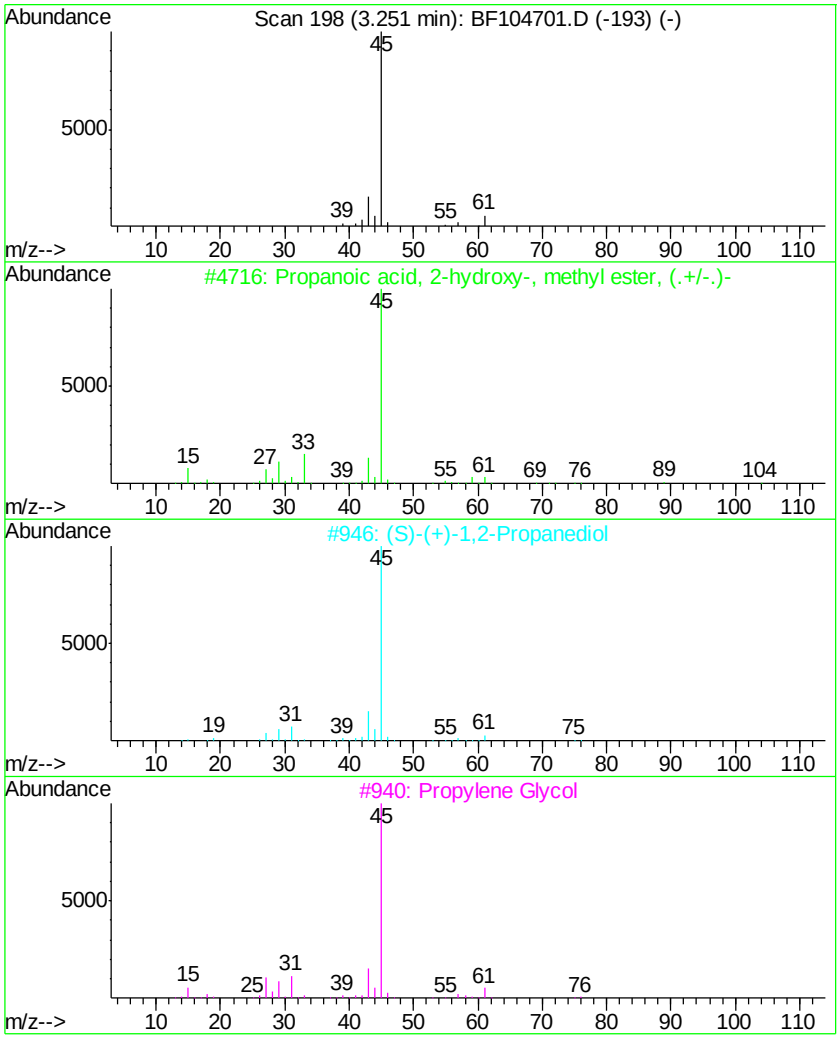
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

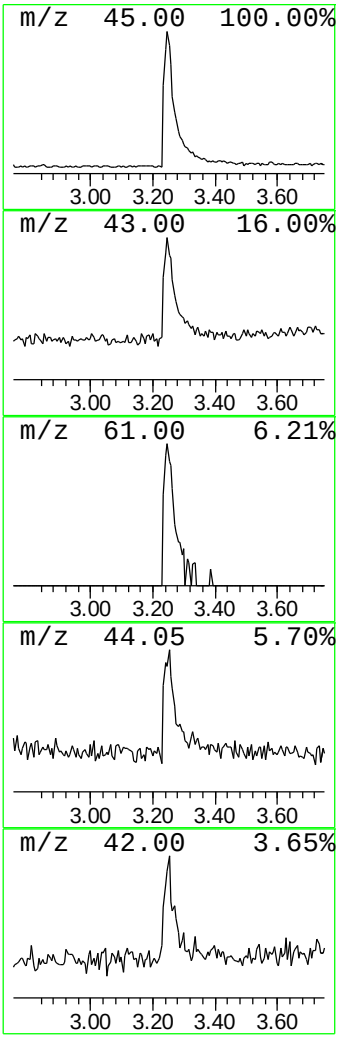
****

Peak Number 1 Propanoic acid, 2-hydroxy-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	4.17 ng	140398	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	2,3-Butanediol, [S-(R*,R*)]-	90	C4H10O2	019132-06-0	9
5	2,3-Butanediol	90	C4H10O2	000513-85-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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

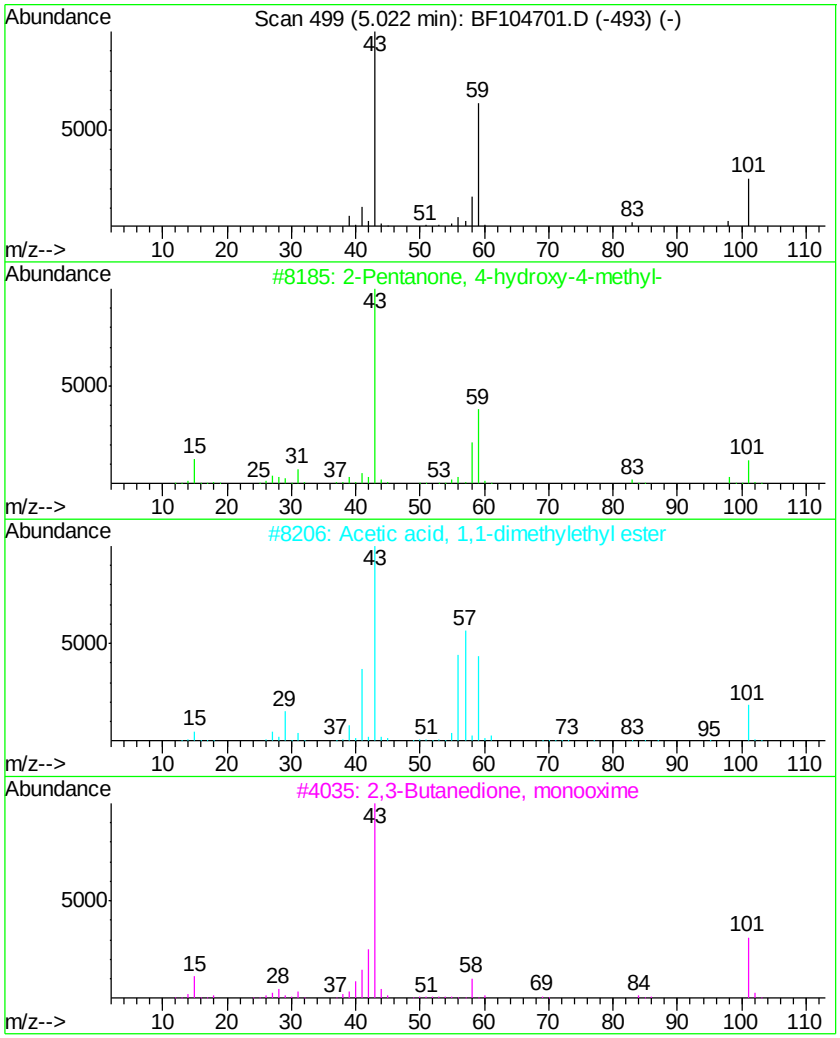
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

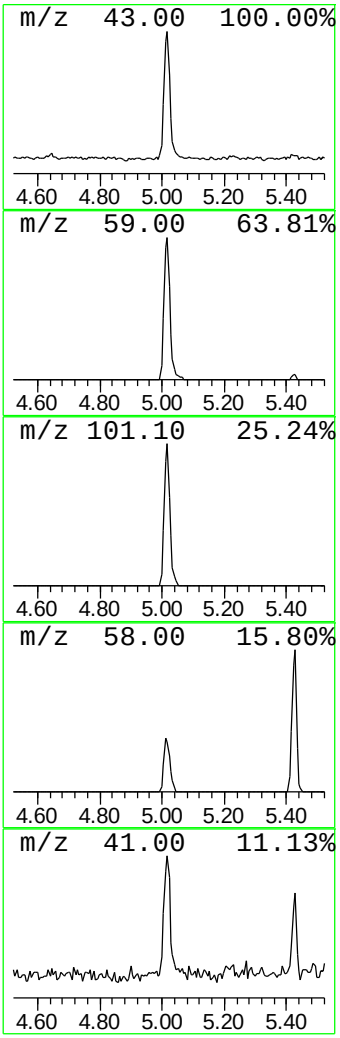
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.37 ng	113289	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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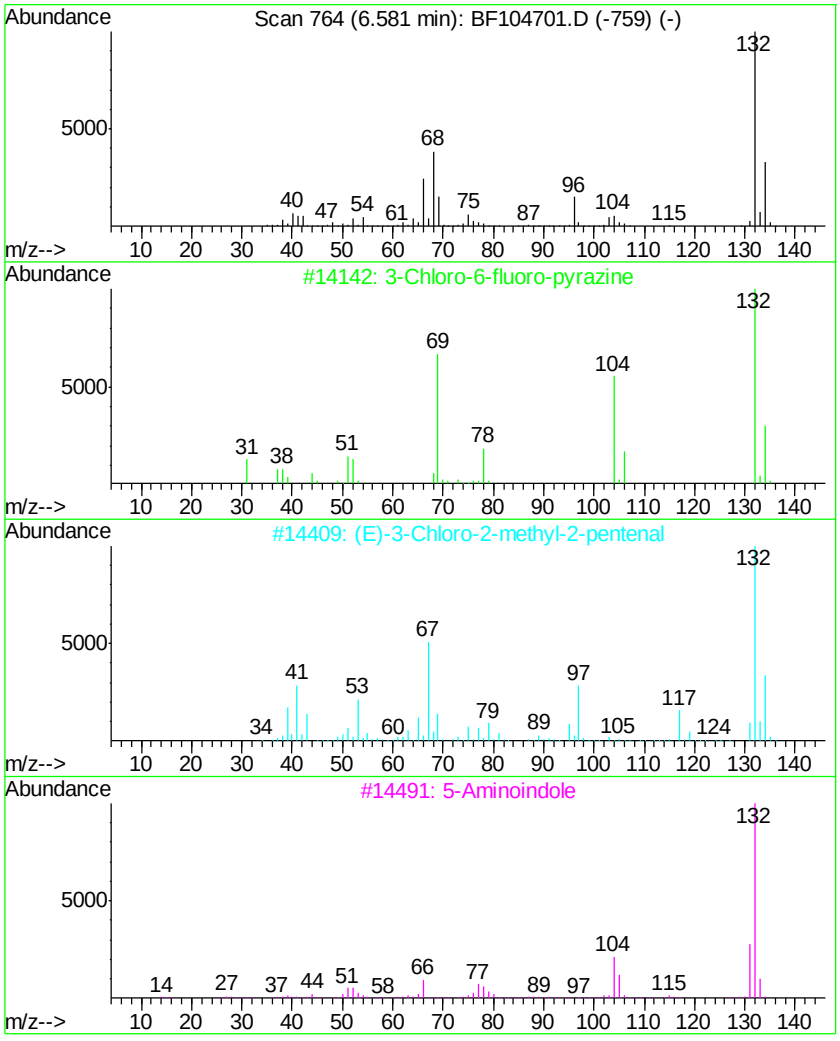
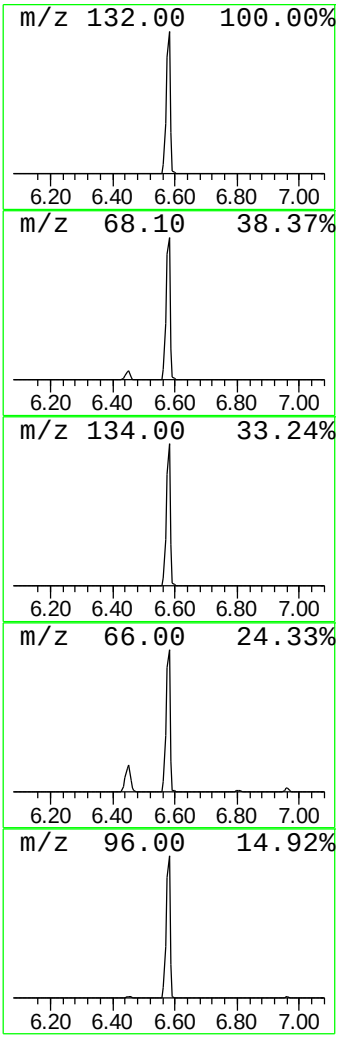
Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	70.34 ng	2366180	1,4-Dichlorobenzene-d4	6.80

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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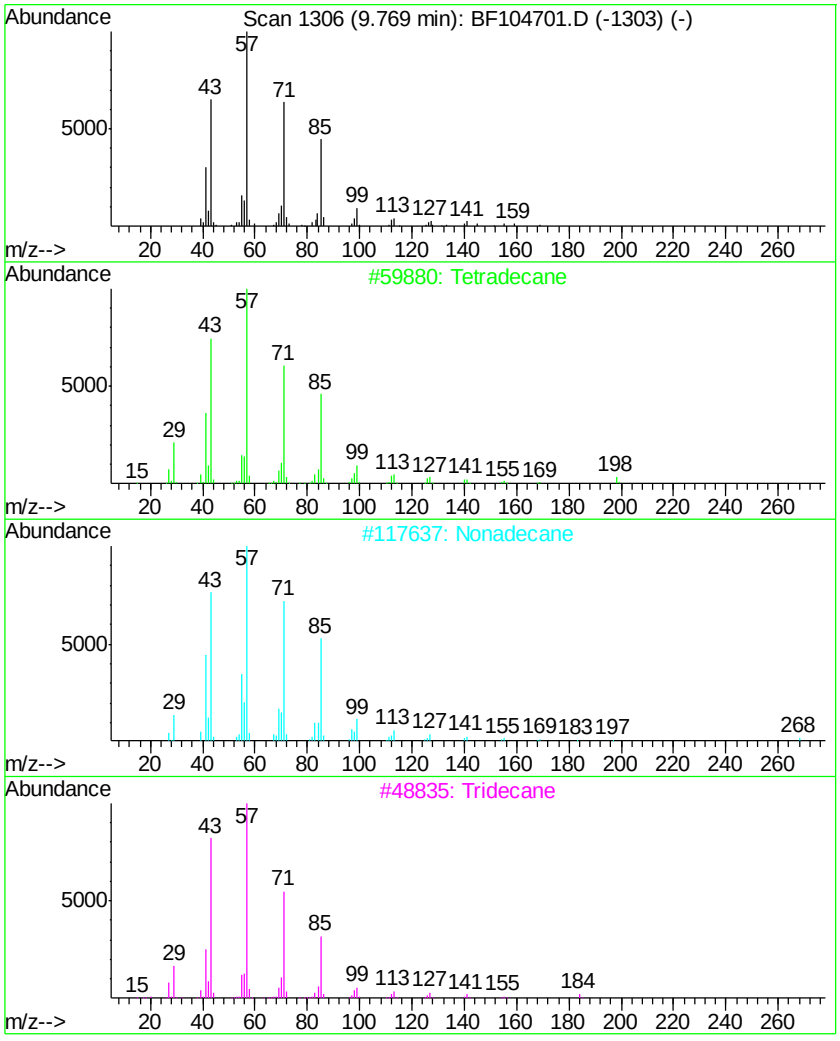
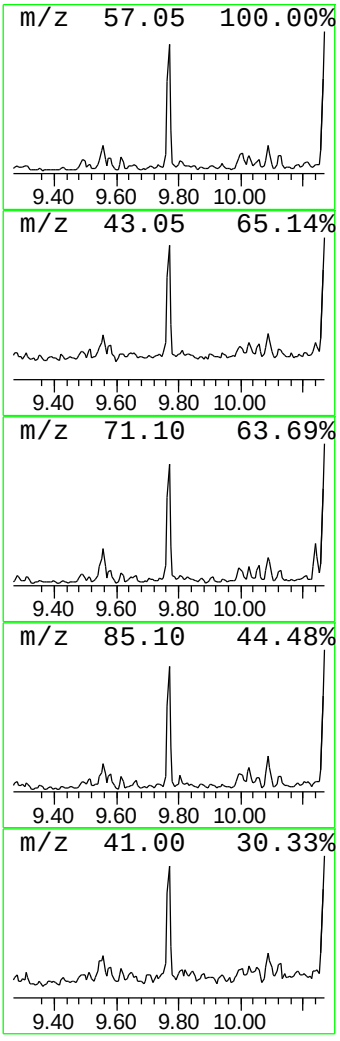
Peak Number 5 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.10 ng	128115	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Pentadecane	212	C15H32	000629-62-9	78
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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

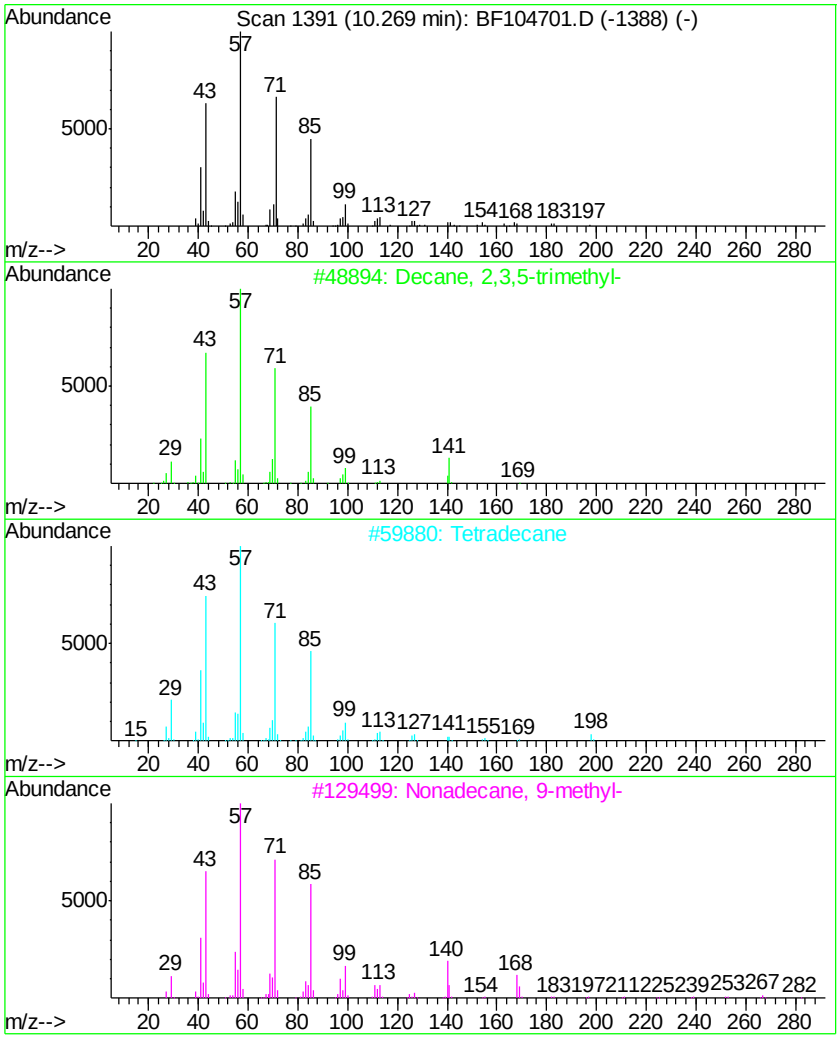
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

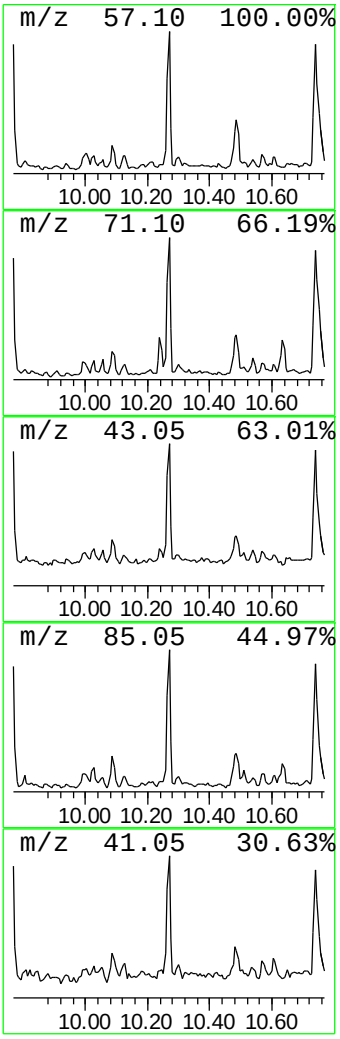
****

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.56 ng	147041	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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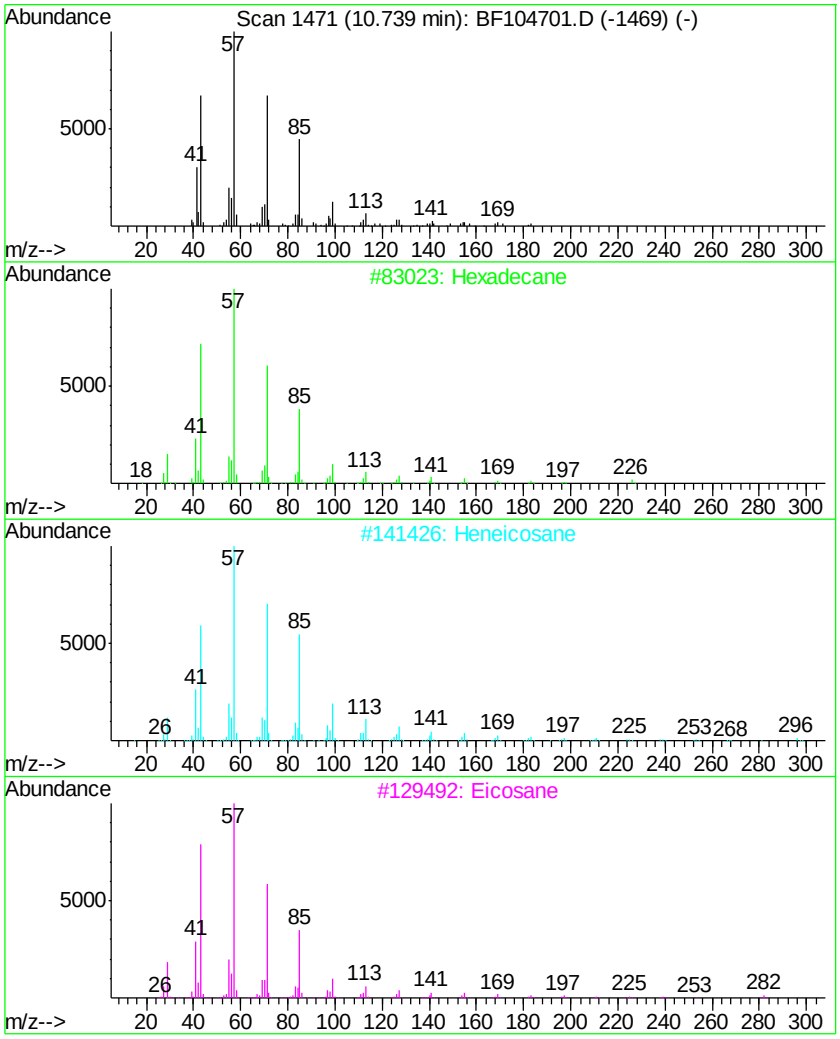
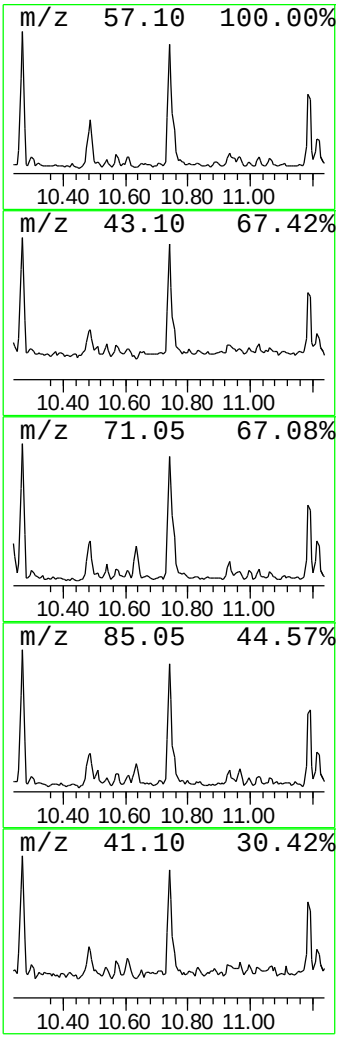
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.51 ng	202180	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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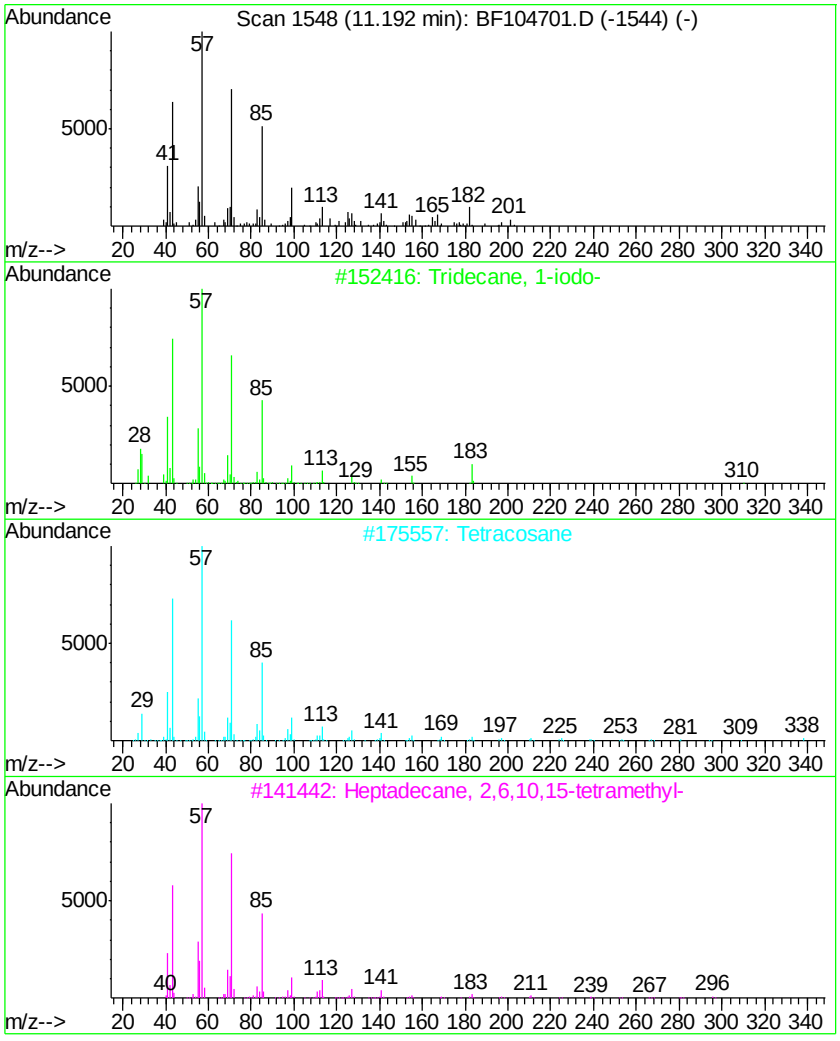
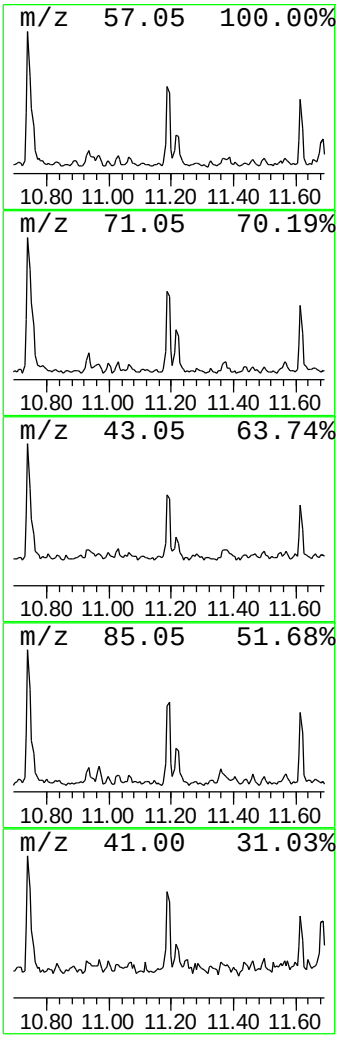
Peak Number 8 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.12 ng	114718	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
2	Tetracosane	338	C24H50	000646-31-1	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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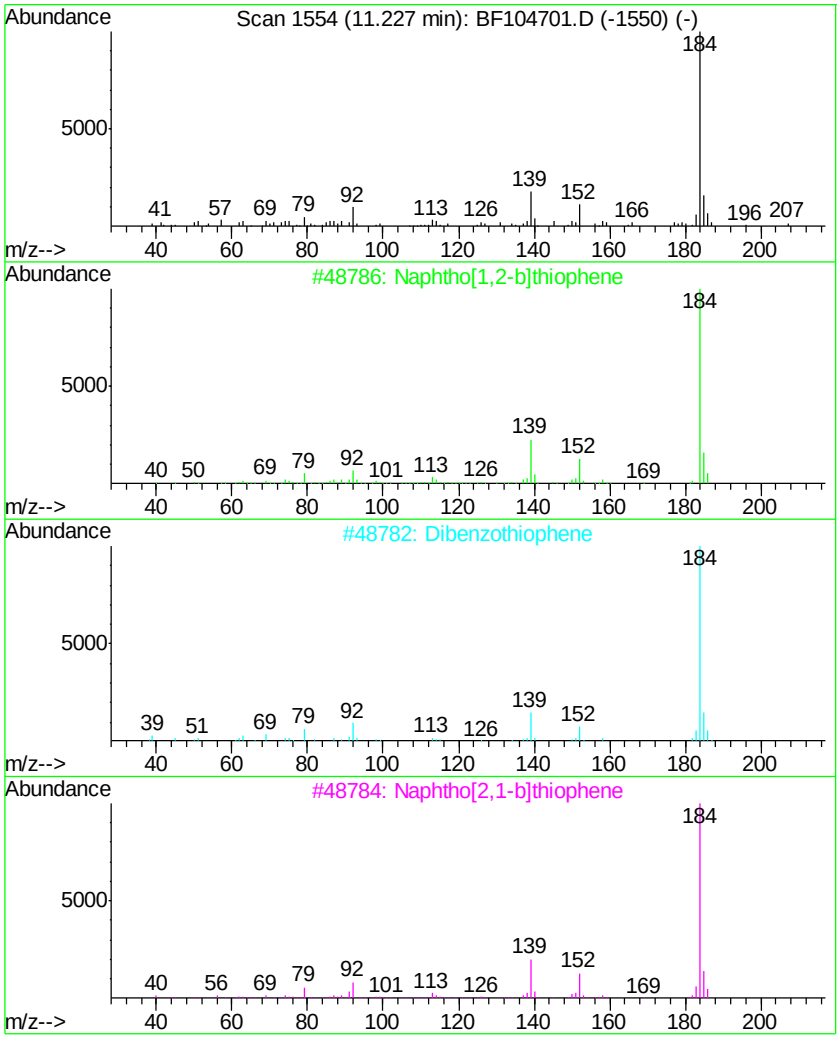
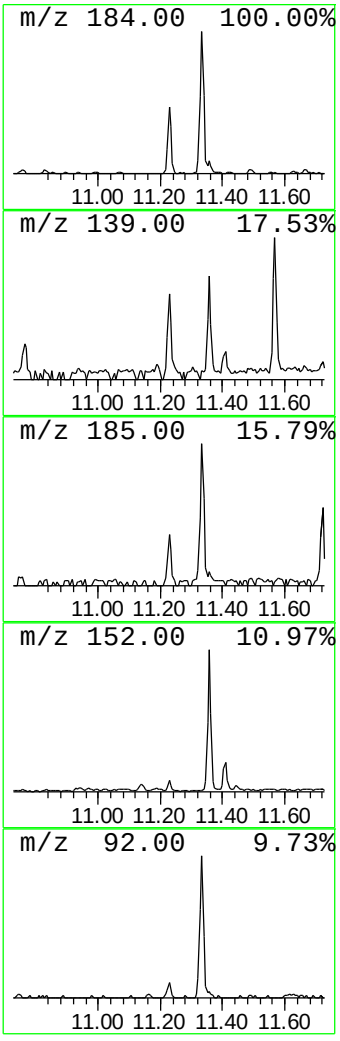
Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.90 ng	106629	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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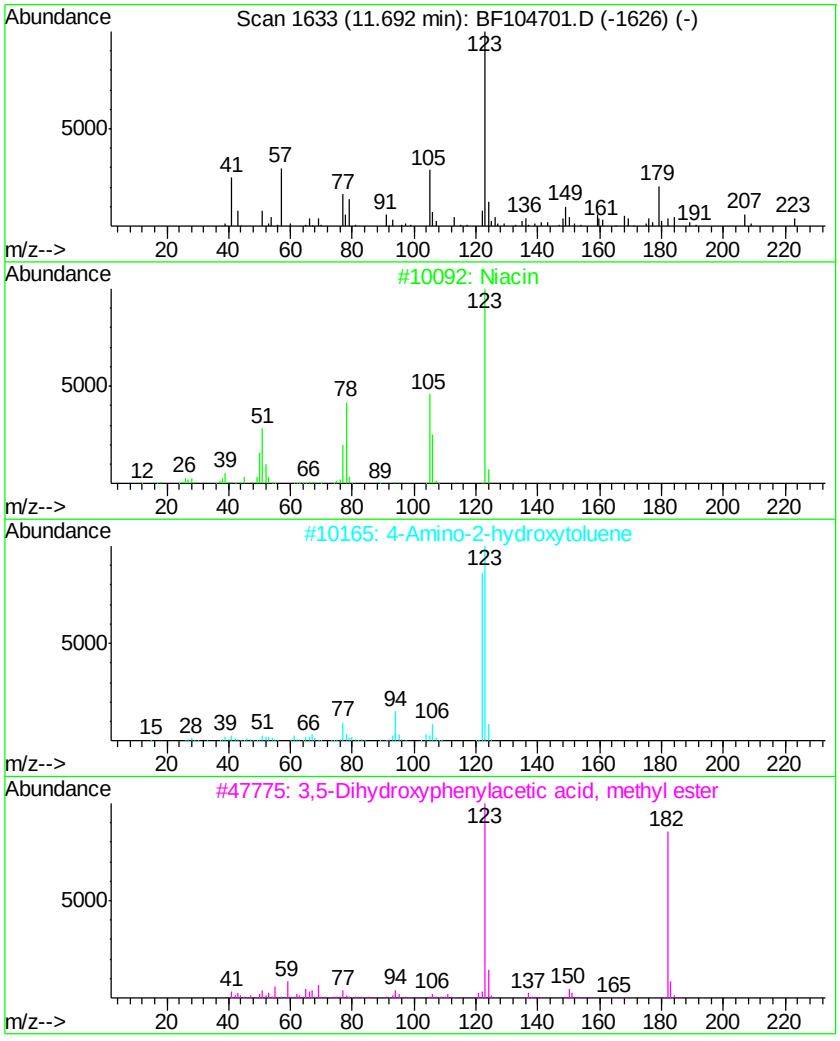
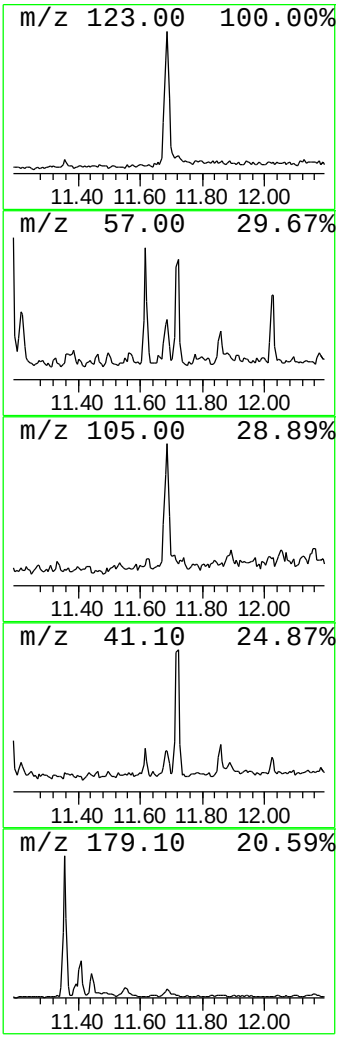
Peak Number 10 Niacin Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.17 ng	79620	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Niacin	123	C6H5NO2	000059-67-6	59
2	4-Amino-2-hydroxytoluene	123	C7H9NO	002835-95-2	50
3	3,5-Dihydroxyphenylacetic acid, ...	182	C9H10O4	004724-10-1	50
4	Levodopa	197	C9H11NO4	000059-92-7	47
5	Cyclopropanecarboxylic acid, 2,2...	328	C21H28O3	000121-21-1	45





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Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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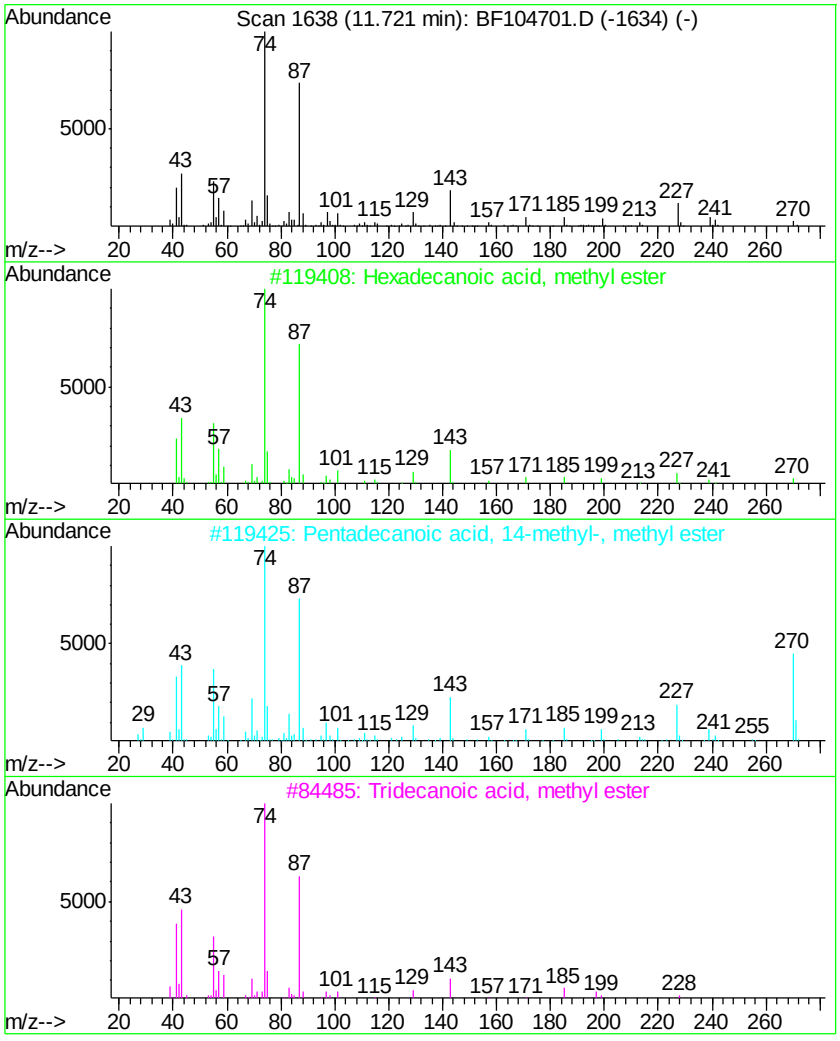
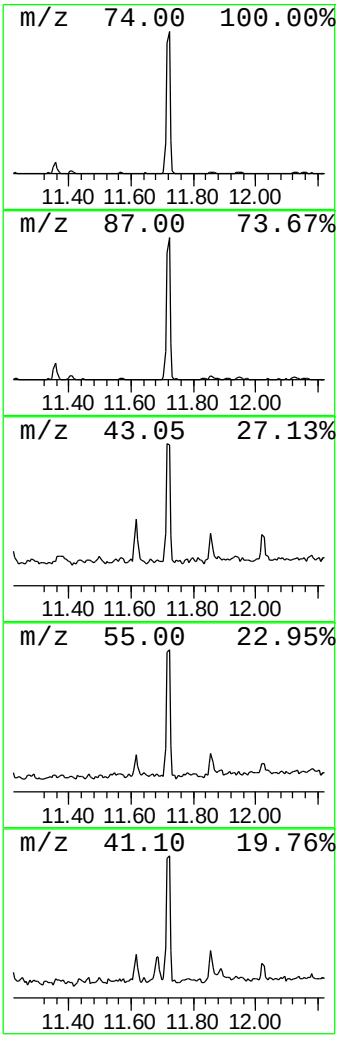
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	11.24 ng	412608	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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

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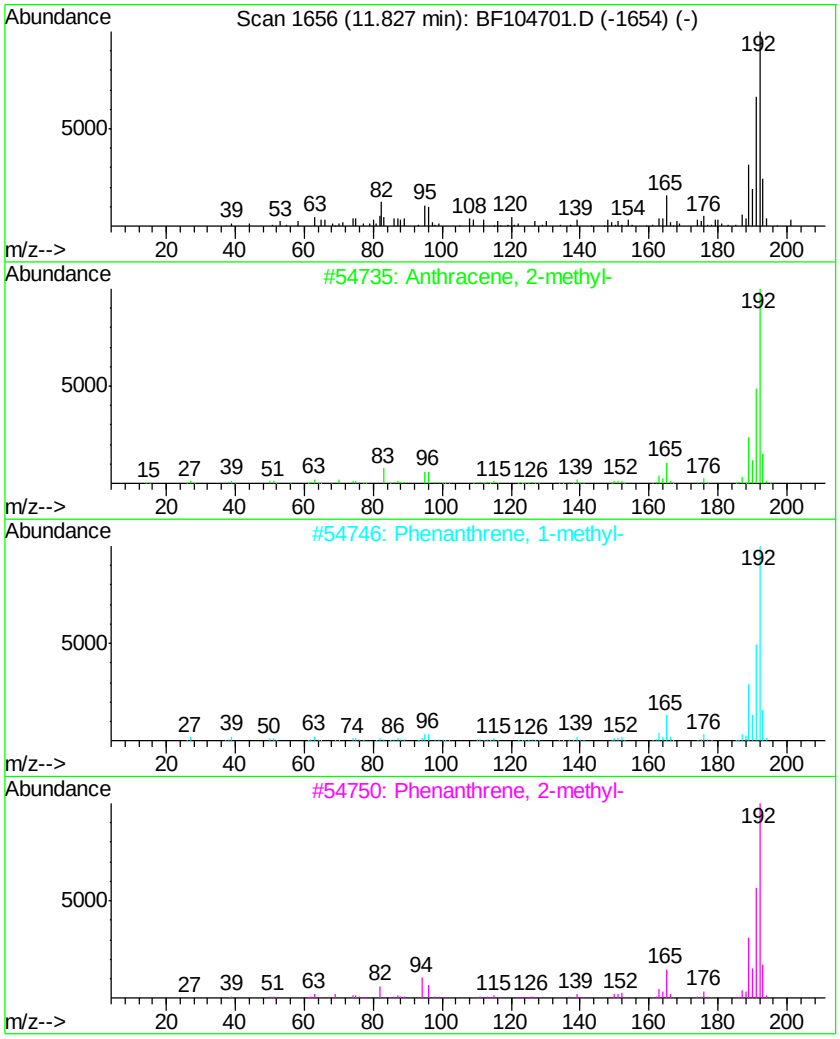
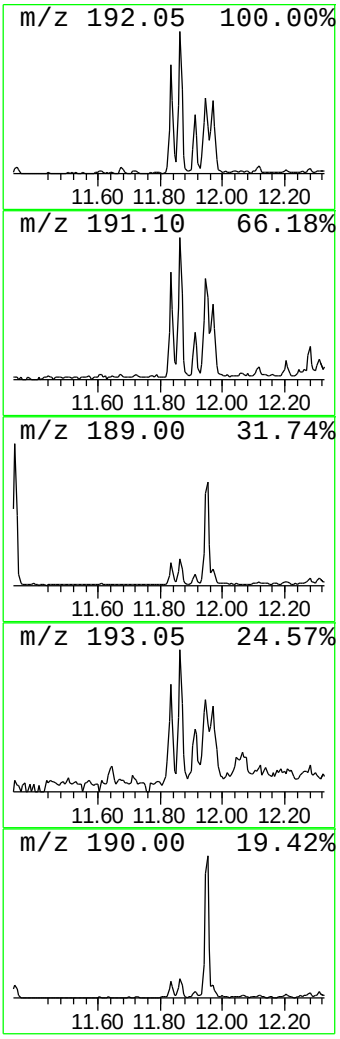
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.25 ng	82671	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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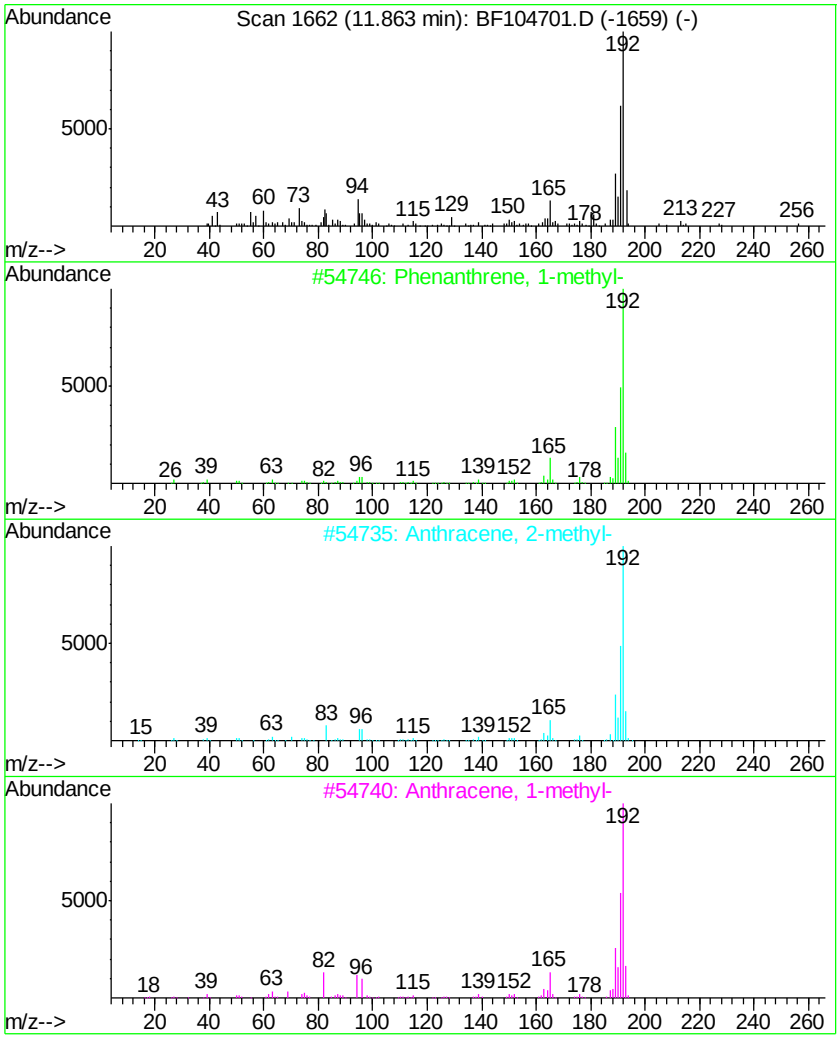
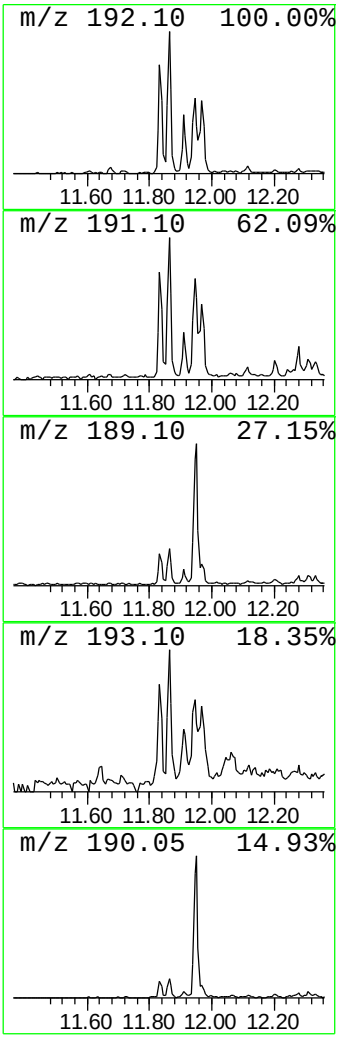
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.50 ng	165319	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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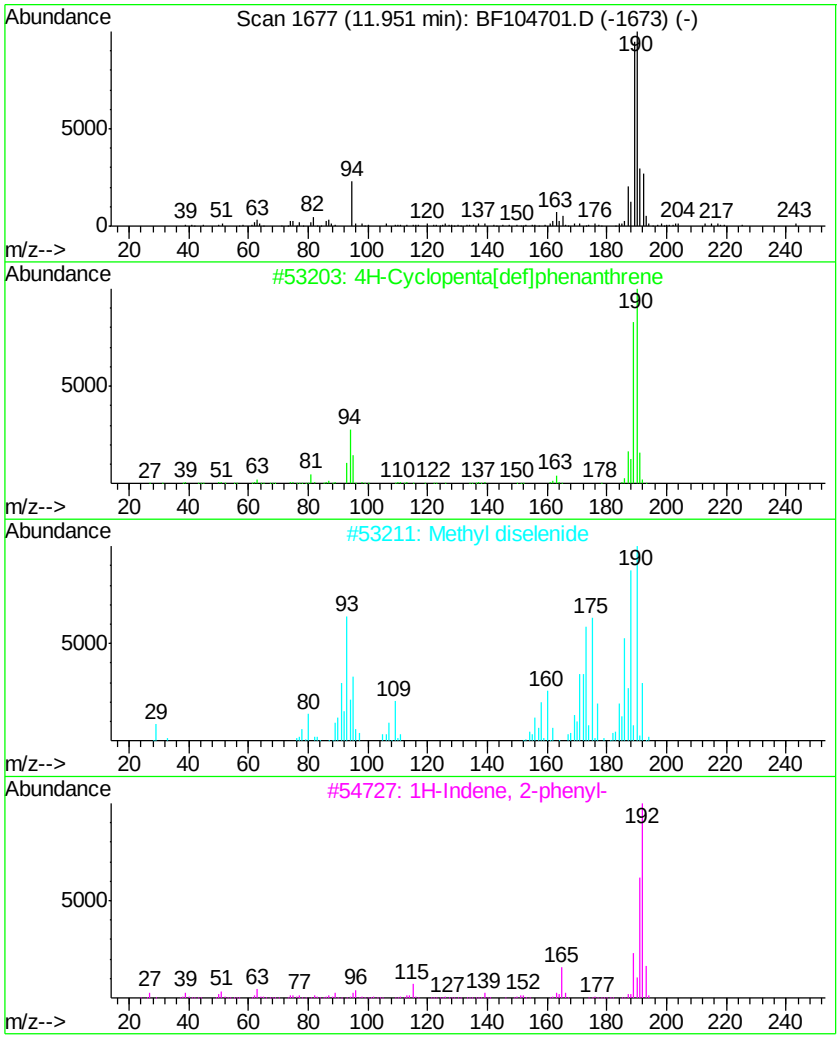
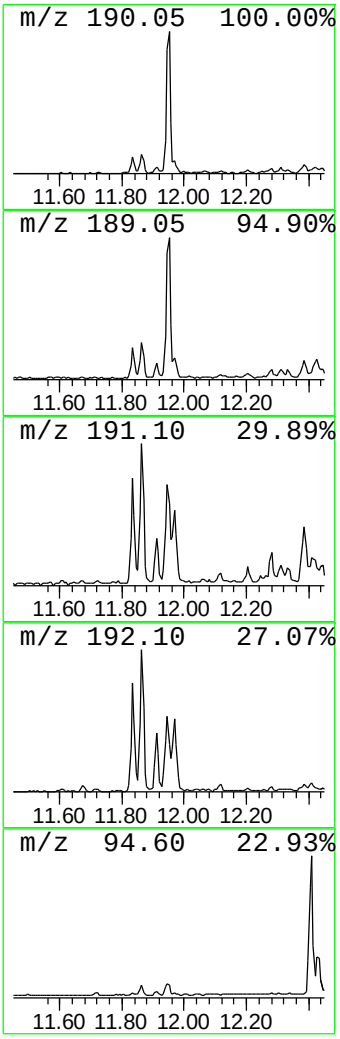
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.90 ng	179798	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	27
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22





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Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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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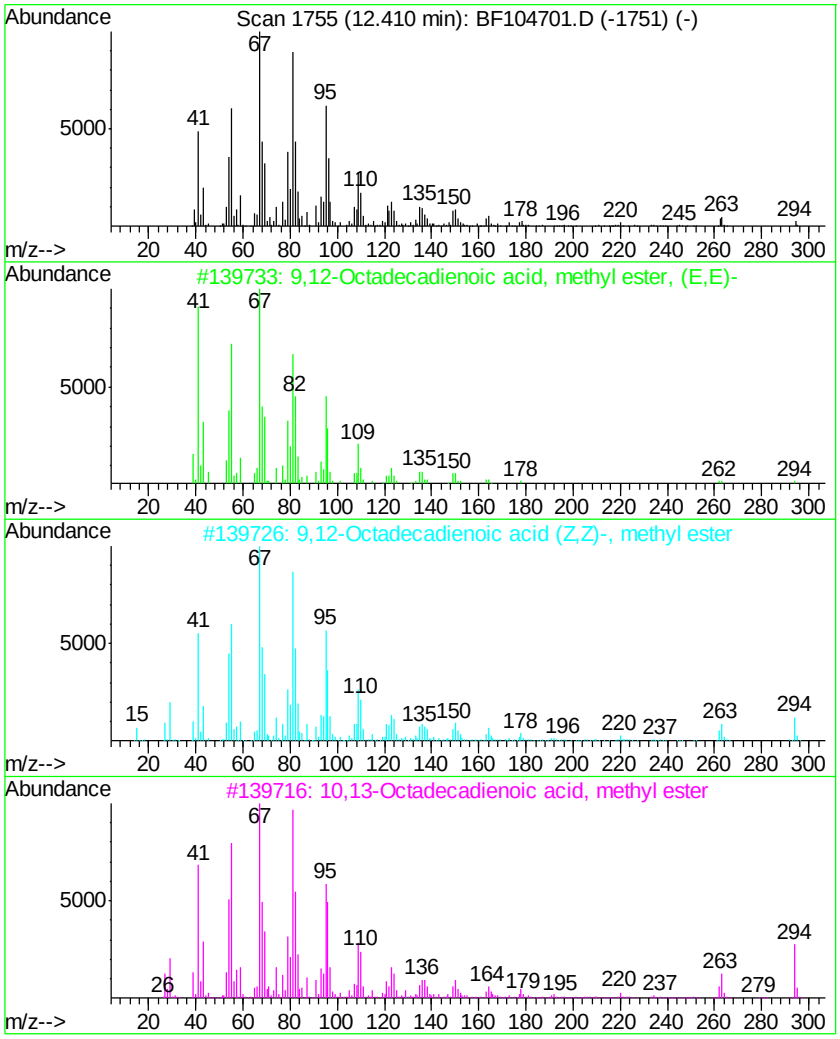
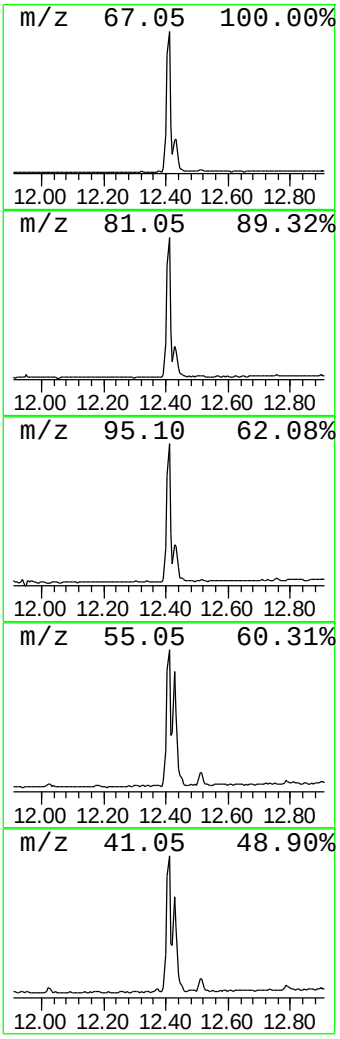
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	48.40 ng	1777360	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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

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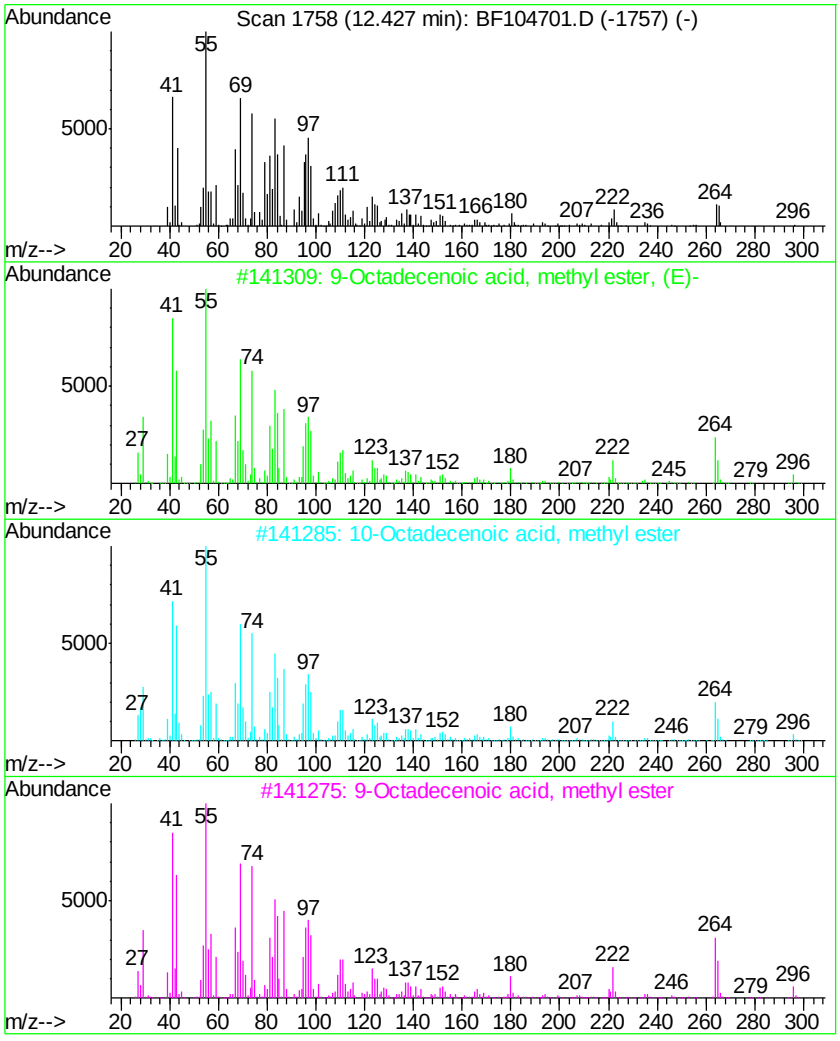
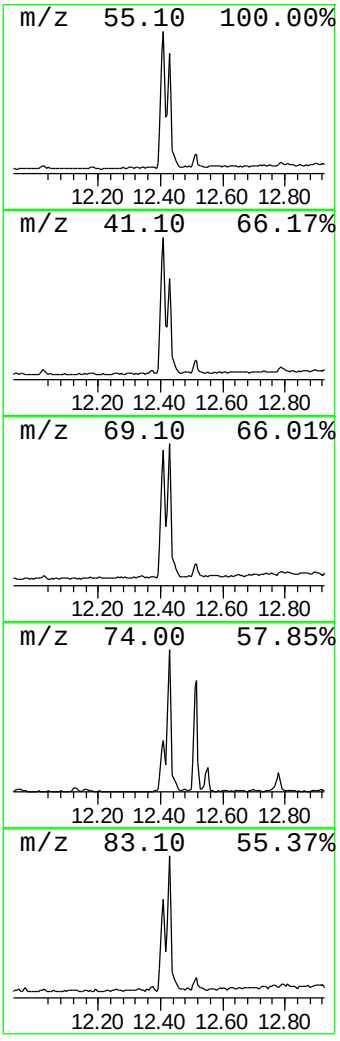
Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	23.66 ng	868810	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	98
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-042018

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TIC Integration Parameters: LSCINT.P

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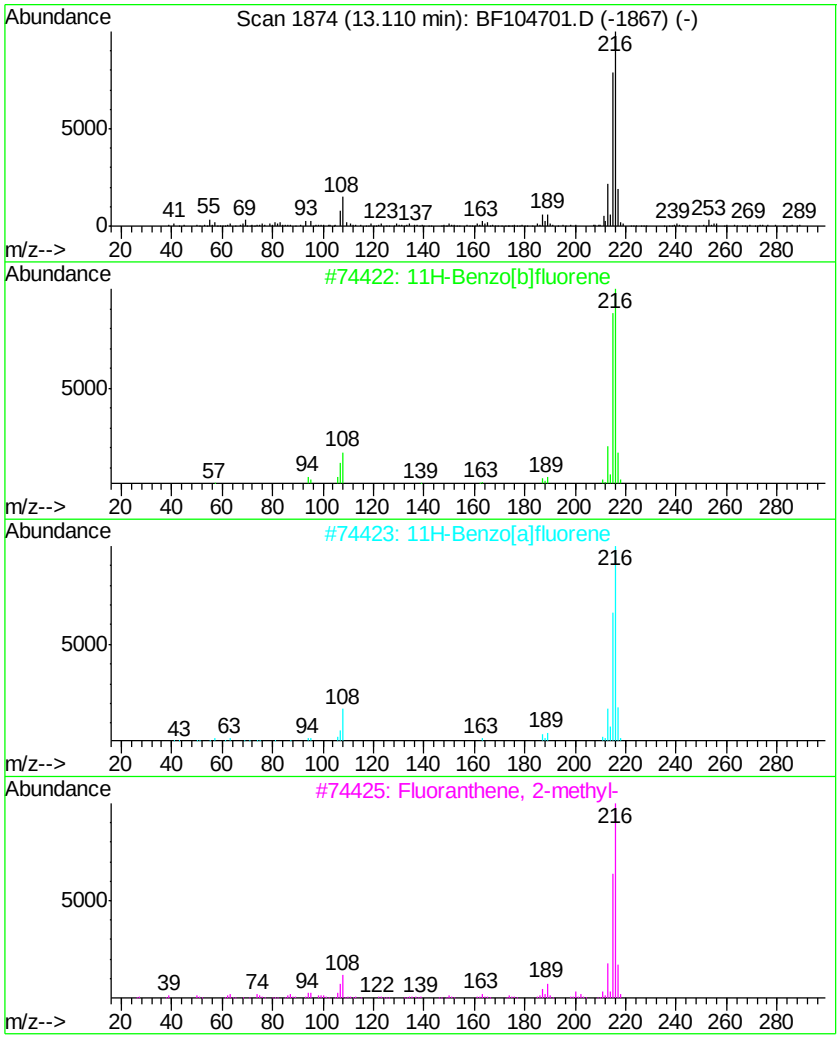
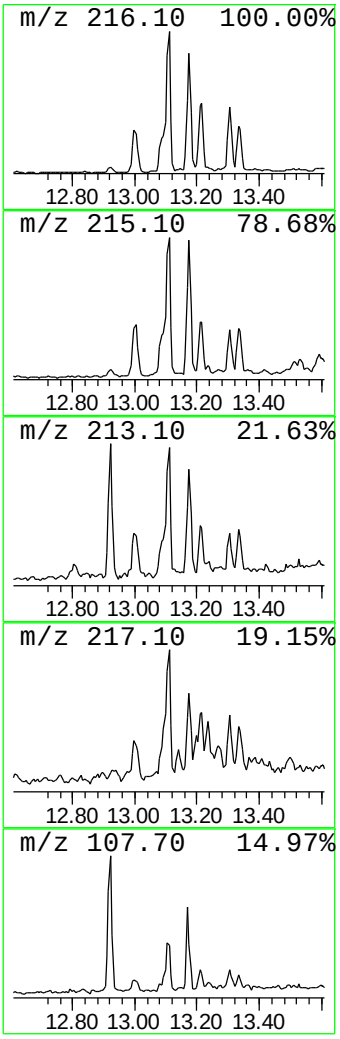
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.94 ng	257133	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Misc :
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Instrument : BNA_F
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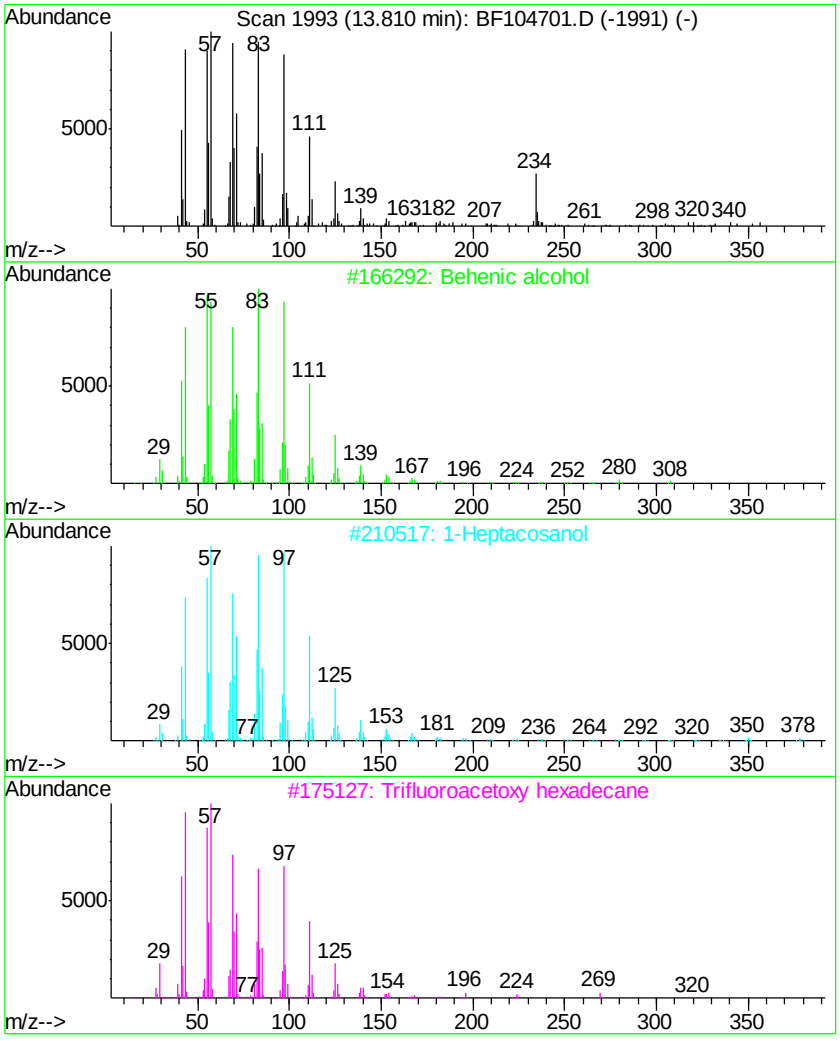
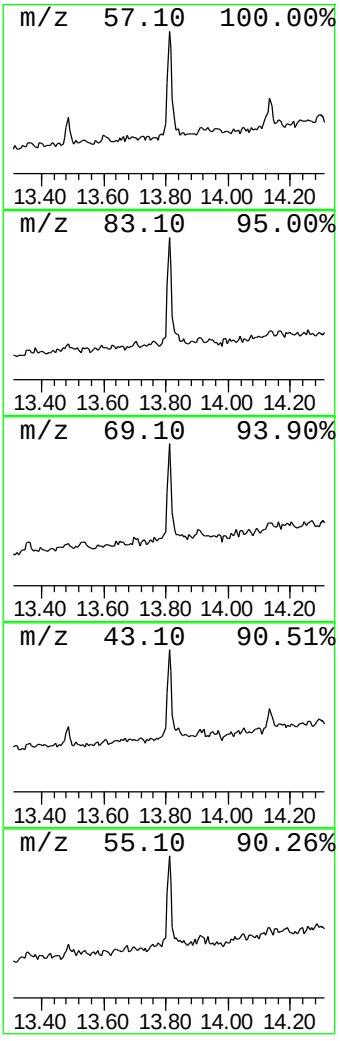
Peak Number 18 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.74 ng	246911	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	3.25	4.2	ng	140398	1	6.80	672775	20.0
2-Pentanone, 4-hy...	5.02	3.4	ng	113289	1	6.80	672775	20.0
unknown6.58	6.58	70.3	ng	2366180	1	6.80	672775	20.0
Tetradecane	9.77	3.1	ng	128115	3	9.85	826981	20.0
Decane, 2,3,5-tri...	10.27	3.6	ng	147041	3	9.85	826981	20.0
Hexadecane	10.74	5.5	ng	202180	4	11.33	734478	20.0
Tridecane, 1-iodo-	11.19	3.1	ng	114718	4	11.33	734478	20.0
Naphtho[1,2-b]thi...	11.23	2.9	ng	106629	4	11.33	734478	20.0
Niacin	11.69	2.2	ng	79620	4	11.33	734478	20.0
Hexadecanoic acid...	11.72	11.2	ng	412608	4	11.33	734478	20.0
Anthracene, 2-met...	11.83	2.3	ng	82671	4	11.33	734478	20.0
Phenanthrene, 1-m...	11.86	4.5	ng	165319	4	11.33	734478	20.0
4H-Cyclopenta[def...	11.95	4.9	ng	179798	4	11.33	734478	20.0
9,12-Octadecadien...	12.41	48.4	ng	1777360	4	11.33	734478	20.0
9-Octadecenoic ac...	12.43	23.7	ng	868810	4	11.33	734478	20.0
11H-Benzo[b]fluorene	13.11	4.9	ng	257133	5	13.98	1040920	20.0
Behenic alcohol	13.81	4.7	ng	246911	5	13.98	1040920	20.0