LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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	4.904	476	479	488	rVB	33234	43441	1.84%	0.135%
2	5.334	548	552	568	rBV	1858017	1994871	84.53%	6.177%
3	6.369	724	728	745	rBV	2159516	2359914	100.00%	7.307%
4	6.492	745	749	757	rVV	2455778	2027749	85.92%	6.278%
5	6.722	784	788	796	rBV	1179727	978671	41.47%	3.030%
6	6.875	810	814	821	rBV	1834213	1526086	64.67%	4.725%
7	7.286	880	884	895	rBV	984984	946359	40.10%	2.930%
8	7.463	911	914	918	rVB	34020	31136	1.32%	0.096%
9	8.004	1003	1006	1009	rBV	1554778	1241287	52.60%	3.843%
10	8.592	1103	1106	1109	rBV2	28050	24795	1.05%	0.077%
11	8.722	1125	1128	1133	rBV	59018	66626	2.82%	0.206%
12	8.816	1140	1144	1149	rBV	72363	68384	2.90%	0.212%
13	9.022	1176	1179	1185	rVB4	36898	40427	1.71%	0.125%
14	9.080	1185	1189	1192	rBV	2263379	1908396	80.87%	5.909%
15	9.157	1199	1202	1204	rVB	70804	54559	2.31%	0.169%
16	9.274	1219	1222	1227	rVB2	20552	26070	1.10%	0.081%
17	9.345	1230	1234	1239	rBV2	68484	91132	3.86%	0.282%
18	9.416	1243	1246	1249	rBV	93690	101414	4.30%	0.314%
19	9.445	1249	1251	1253	rVV	48740	45912	1.95%	0.142%
20	9.474	1253	1256	1263	rVB	261635	251843	10.67%	0.780%
21	9.533	1263	1266	1268	rBV	58268	46243	1.96%	0.143%
22	9.621	1278	1281	1284	rBV2	137839	126814	5.37%	0.393%
23	9.686	1289	1292	1295	rVB	135642	99422	4.21%	0.308%
24	9.757	1301	1304	1308	rBV	1348587	1229792	52.11%	3.808%
25	9.792	1308	1310	1313	rVB	114664	92575	3.92%	0.287%
26	9.863	1319	1322	1326	rBV5	36374	48792	2.07%	0.151%
27	9.910	1326	1330	1333	rBV4	31578	47073	1.99%	0.146%
28	9.963	1337	1339	1343	rVV2	87866	89537	3.79%	0.277%
29	10.004	1343	1346	1349	rVV3	81832	73549	3.12%	0.228%
30	10.074	1355	1358	1361	rBV	62541	70631	2.99%	0.219%
31	10.157	1369	1372	1374	rBV3	46685	59484	2.52%	0.184%
32	10.186	1374	1377	1379	rVB	179854	144925	6.14%	0.449%
33	10.257	1384	1389	1391	rVV5	31801	47067	1.99%	0.146%
34	10.304	1394	1397	1403	rVV	169220	197334	8.36%	0.611%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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	10.374	1404	1409	1410	rVV2	34914	44751	1.90%	0.139%
36	10.392	1410	1412	1421	rVV3	56101	115396	4.89%	0.357%
37	10.463	1421	1424	1427	rVB2	45783	47283	2.00%	0.146%
38	10.551	1436	1439	1445	rBV	860700	806140	34.16%	2.496%
39	10.657	1454	1457	1466	rVB2	168411	235841	9.99%	0.730%
40	10.857	1486	1491	1493	rBV2	93082	124297	5.27%	0.385%
41	10.880	1493	1495	1498	rVV2	62693	55916	2.37%	0.173%
42	10.939	1502	1505	1507	rVB2	55254	52828	2.24%	0.164%
43	10.980	1507	1512	1514	rBV3	69780	86849	3.68%	0.269%
44	11.051	1522	1524	1527	rBV3	36651	38349	1.63%	0.119%
45	11.104	1529	1533	1536	rVV2	116091	127372	5.40%	0.394%
46	11.139	1536	1539	1544	rVB2	110820	138727	5.88%	0.430%
47	11.245	1554	1557	1559	rBV	1188821	1034411	43.83%	3.203%
48	11.268	1559	1561	1565	rVV	1100291	928328	39.34%	2.874%
49	11.321	1567	1570	1573	rVB	334724	265828	11.26%	0.823%
50	11.480	1595	1597	1602	rVB3	51486	56354	2.39%	0.174%
51	11.533	1603	1606	1609	rBV2	80815	75408	3.20%	0.233%
52	11.574	1611	1613	1618	rVB3	66881	76109	3.23%	0.236%
53	11.633	1620	1623	1626	rBV	547861	436121	18.48%	1.350%
54	11.745	1639	1642	1645	rBV	235642	228550	9.68%	0.708%
55	11.774	1645	1647	1651	rVB	311392	254334	10.78%	0.787%
56	11.821	1653	1655	1658	rVV	108644	109496	4.64%	0.339%
57	11.857	1658	1661	1664	rVV	387058	439932	18.64%	1.362%
58	11.880	1664	1665	1669	rVB	185737	119277	5.05%	0.369%
59	12.045	1690	1693	1696	rBV	131080	135203	5.73%	0.419%
60	12.221	1721	1723	1725	rVB	68217	47208	2.00%	0.146%
61	12.298	1732	1736	1737	rBV2	171359	189987	8.05%	0.588%
62	12.321	1737	1740	1742	rVV	1411714	1424017	60.34%	4.409%
63	12.339	1742	1743	1748	rVV	1345195	1083658	45.92%	3.355%
64	12.386	1749	1751	1755	rVB2	93847	101560	4.30%	0.314%
65	12.427	1755	1758	1760	rBV	234850	173961	7.37%	0.539%
66	12.463	1760	1764	1767	rBV	1584680	1363074	57.76%	4.220%
67	12.692	1796	1803	1809	rBV	1434195	1636508	69.35%	5.067%
68	12.827	1823	1826	1829	rVB	1188286	1076228	45.60%	3.332%
69	13.015	1856	1858	1862	rVB	235028	210843	8.93%	0.653%
70	13.086	1867	1870	1872	rVB	183395	172967	7.33%	0.536%
71	13.121	1874	1876	1879	rVB2	161509	142568	6.04%	0.441%

LSC Area Percent Report

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Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

72	13.892	2002	2007	2009	rBV2	1009050	1416817	60.04%	4.387%
73	13.915	2009	2011	2019	rVB	605424	502141	21.28%	1.555%
74	15.327	2248	2251	2254	rVB	496547	520174	22.04%	1.611%

Sum of corrected areas: 32297121

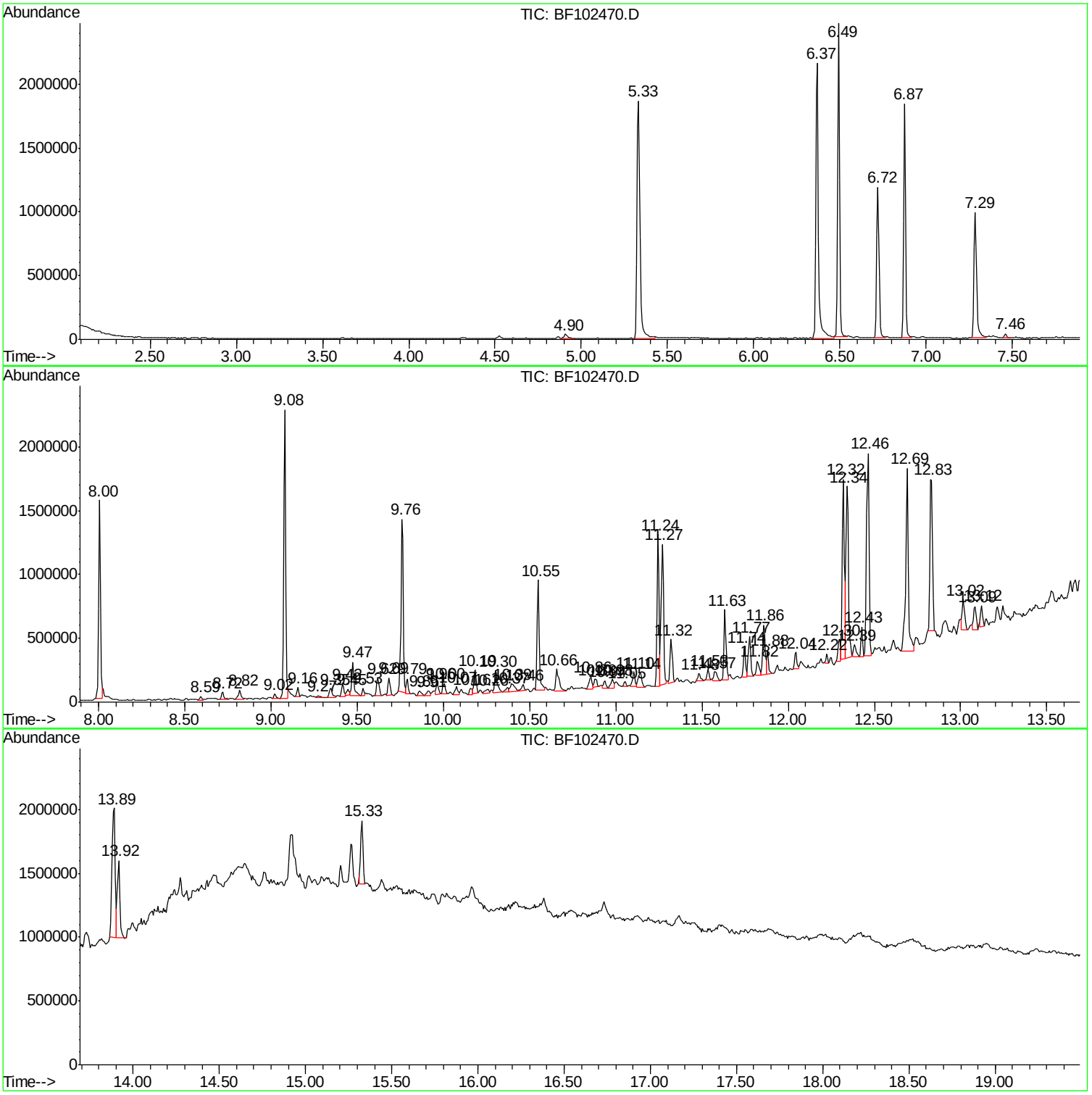
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

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\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

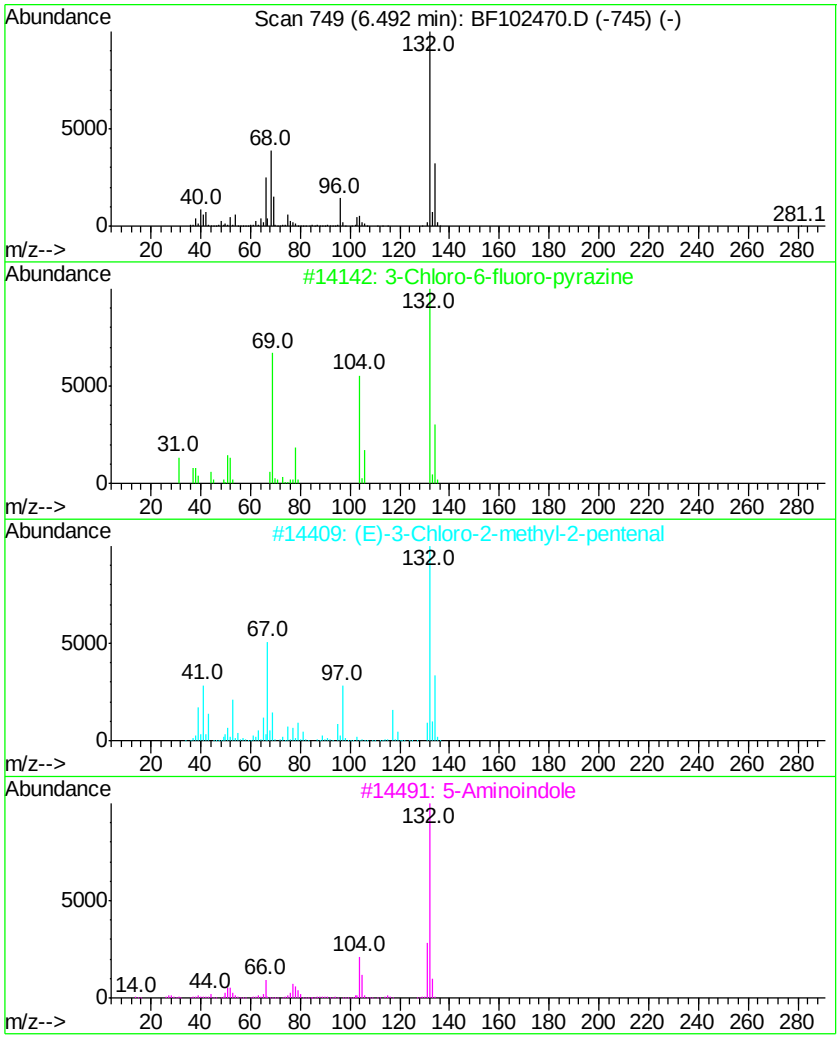
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

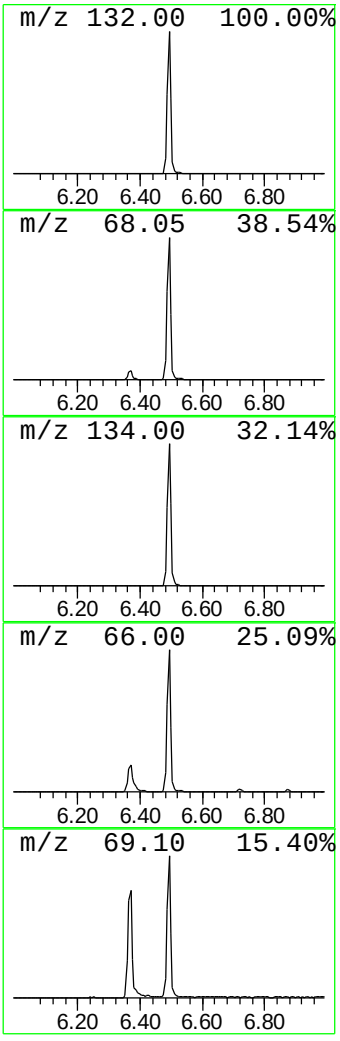
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	41.44 ng	2027750	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

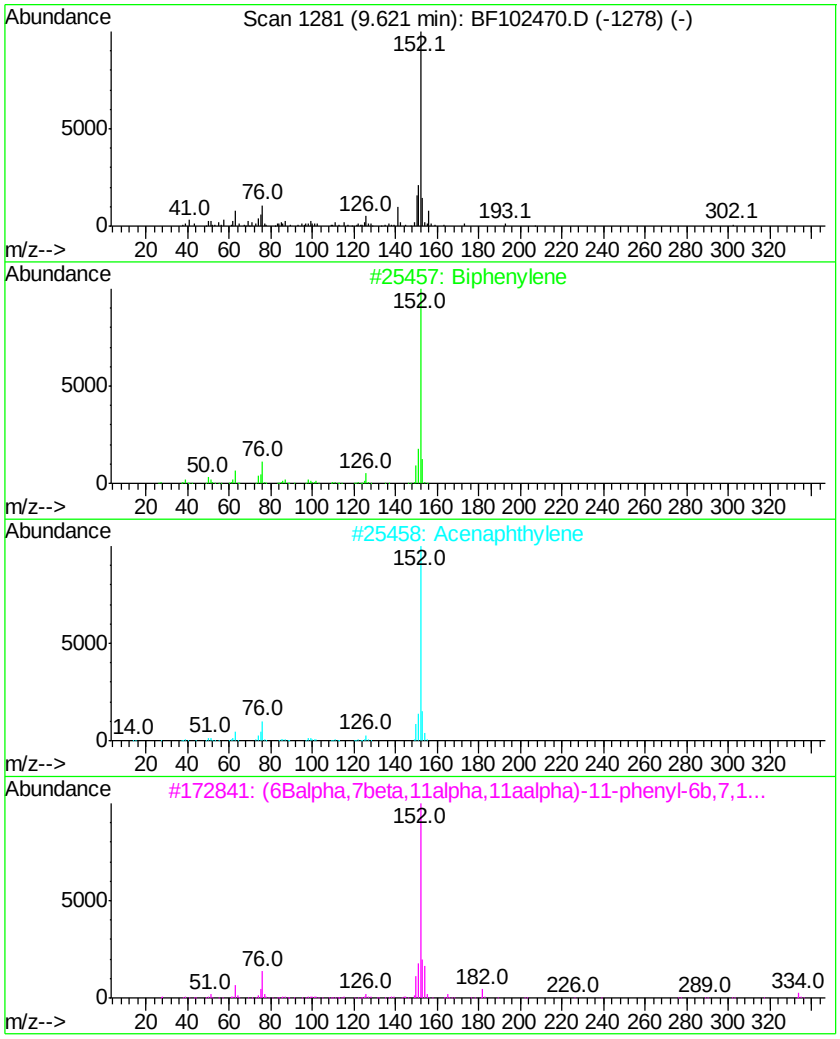
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

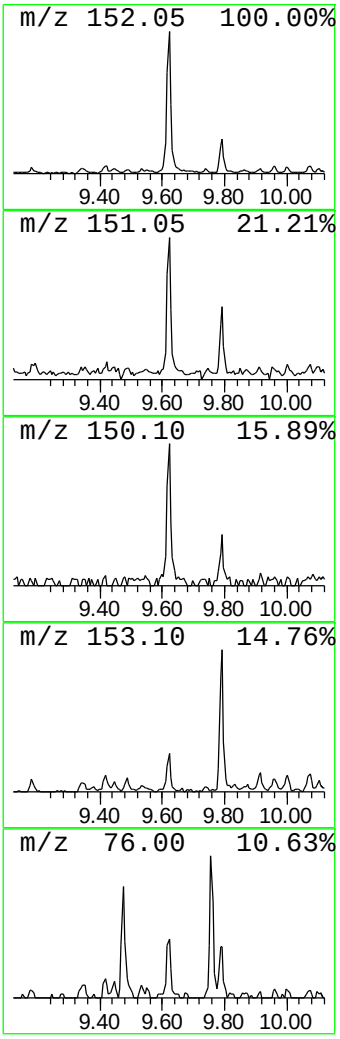
****

Peak Number 3 Biphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.06 ng	126814	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	87
2	Acenaphthylene	152	C12H8	000208-96-8	81
3	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	64
4	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	53
5	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	53





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

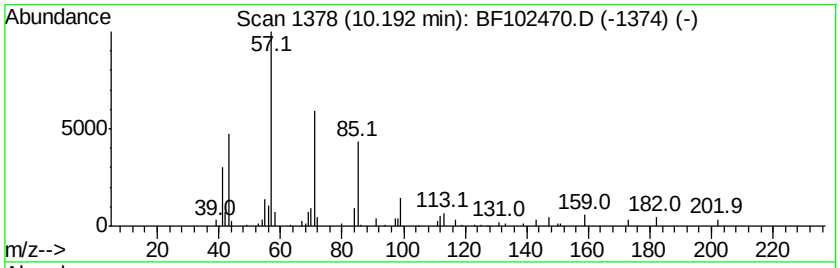
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

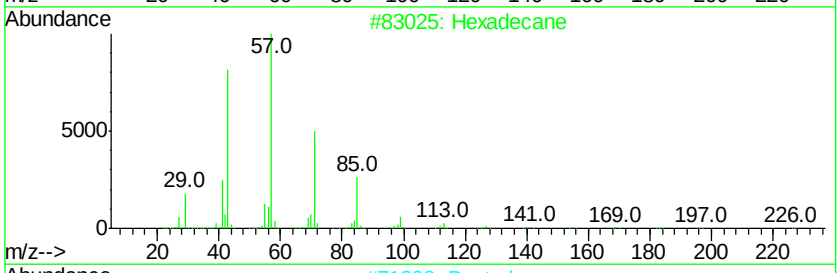
****

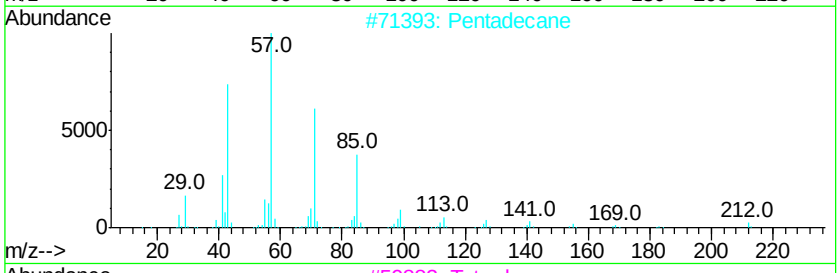
Peak Number 4 Hexadecane Concentration Rank 17

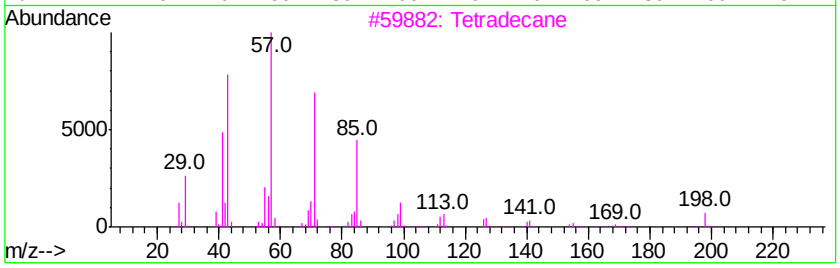
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.36 ng	144925	Acenaphthene-d10	9.76

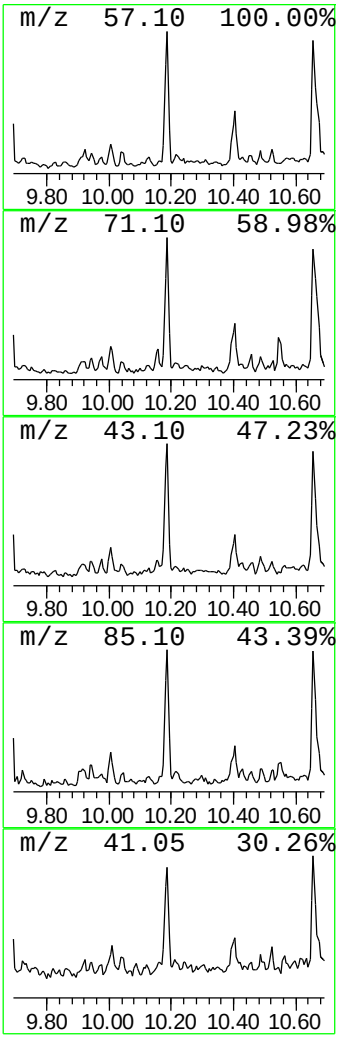
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76











Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

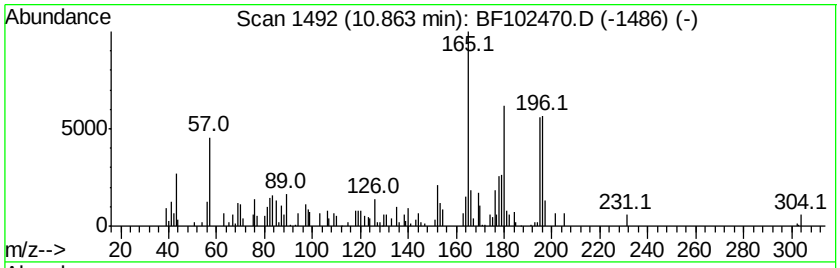
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

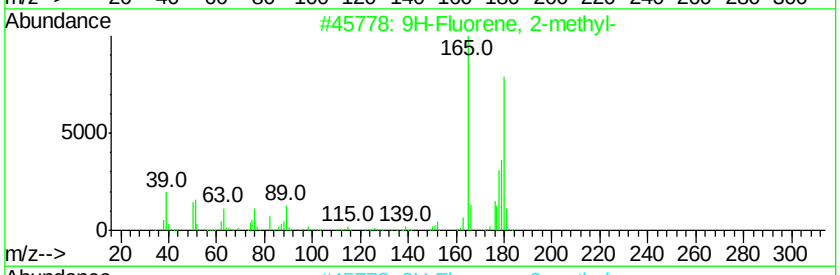
****

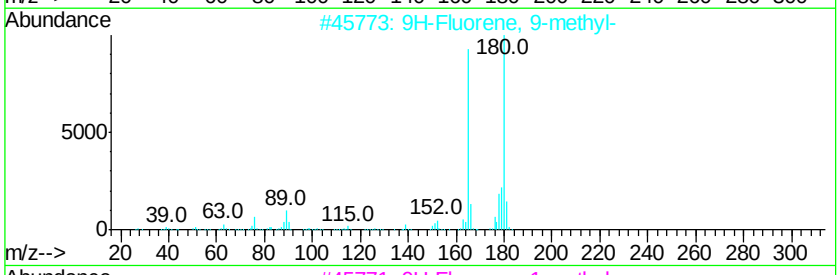
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 16

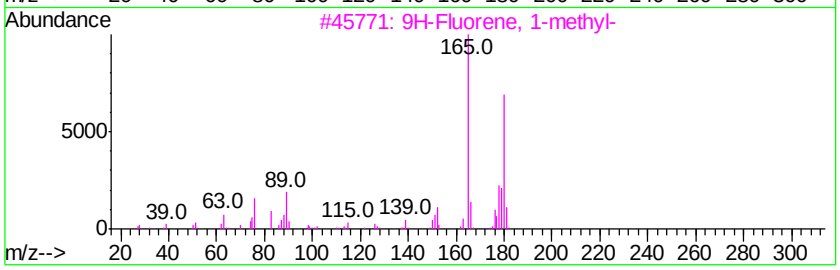
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.40 ng	124297	Phenanthrene-d10	11.24

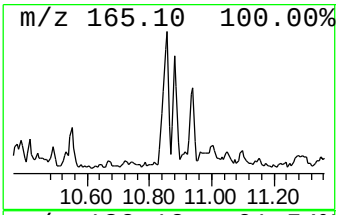
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38
5	Benzoic acid, 2,6-dimethoxy-, me...	196	C10H12O4	002065-27-2	38

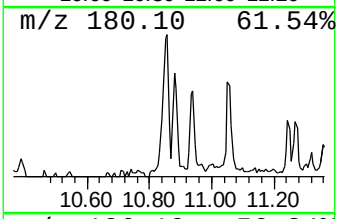


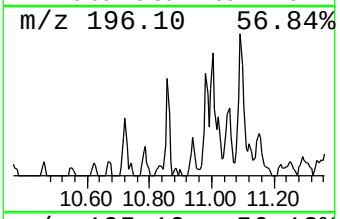


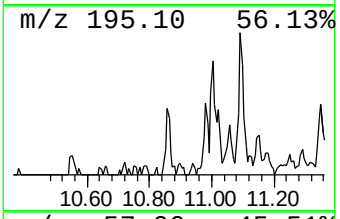


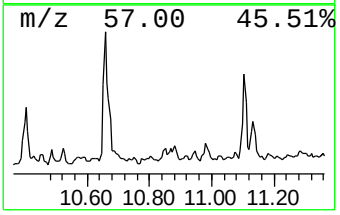












Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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

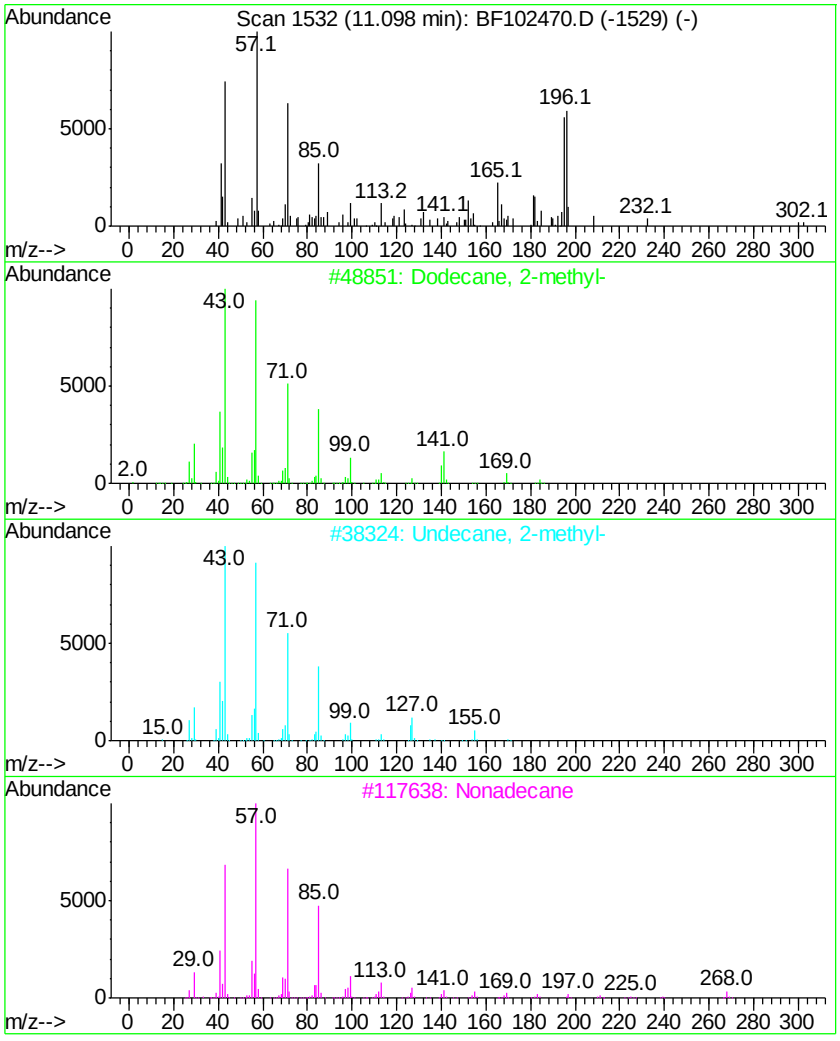
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

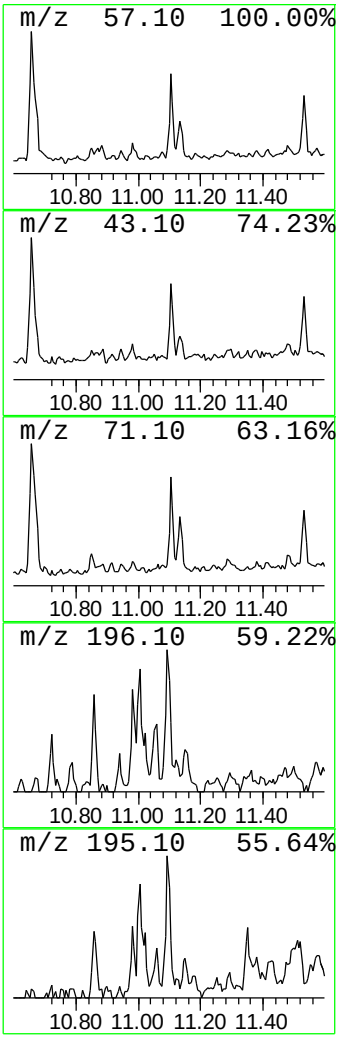
****

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.46 ng	127372	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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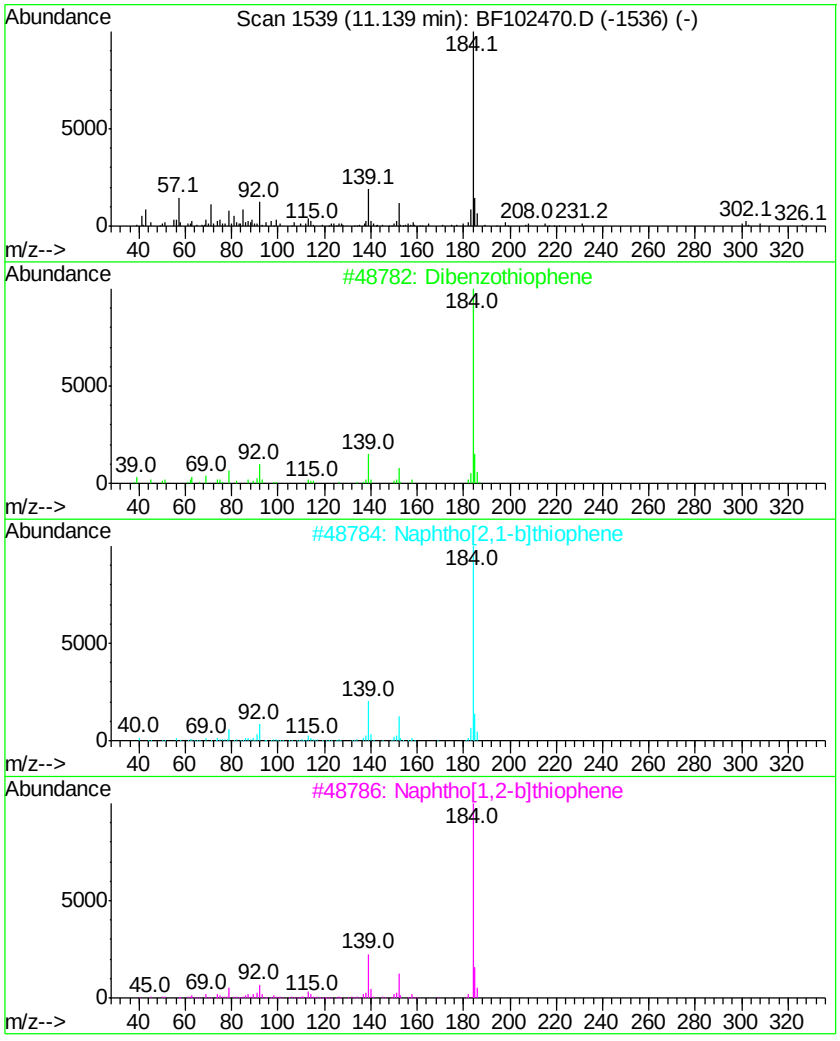
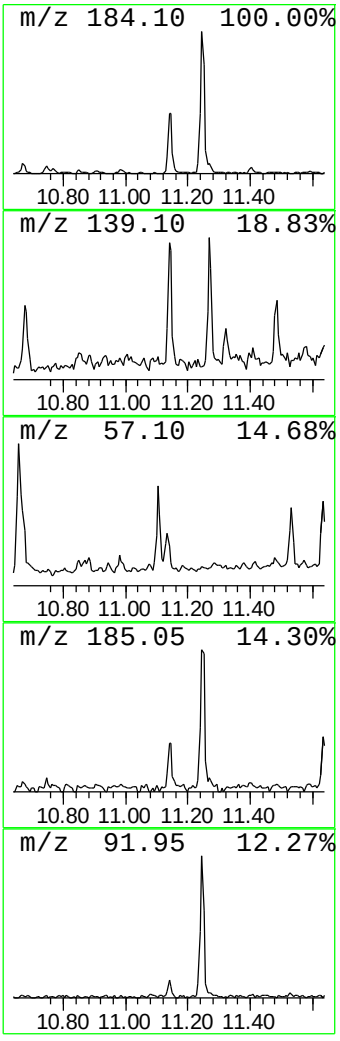
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.68 ng	138727	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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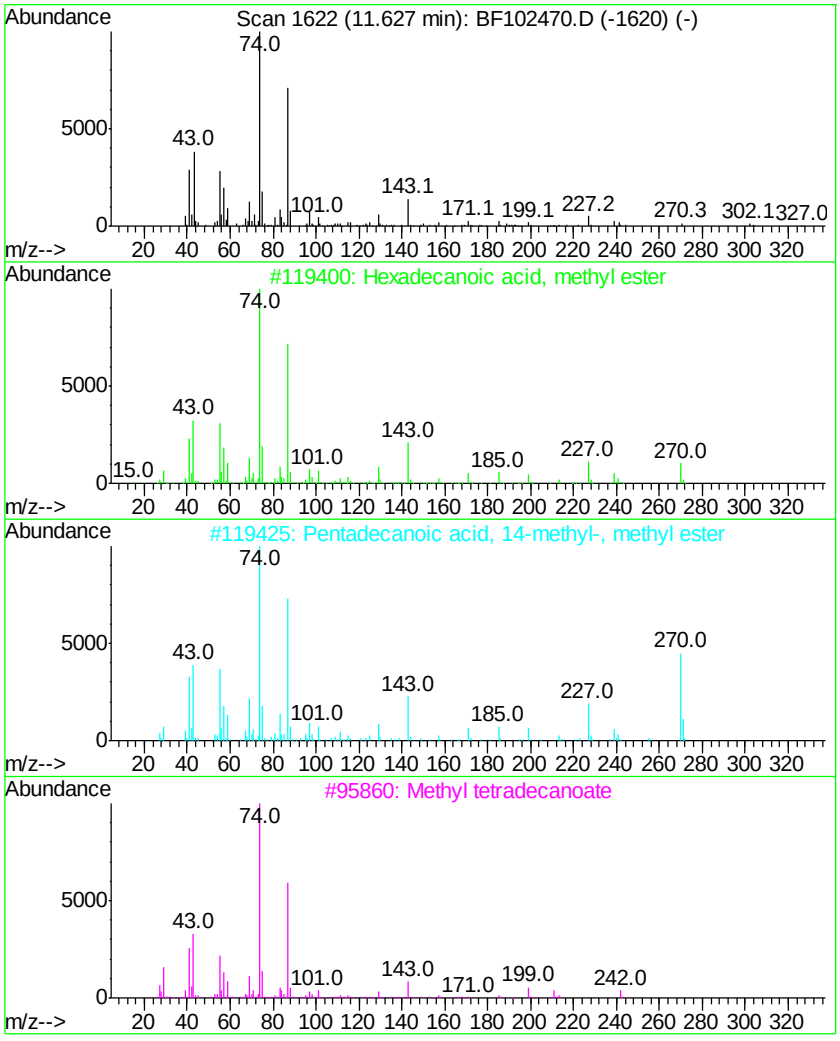
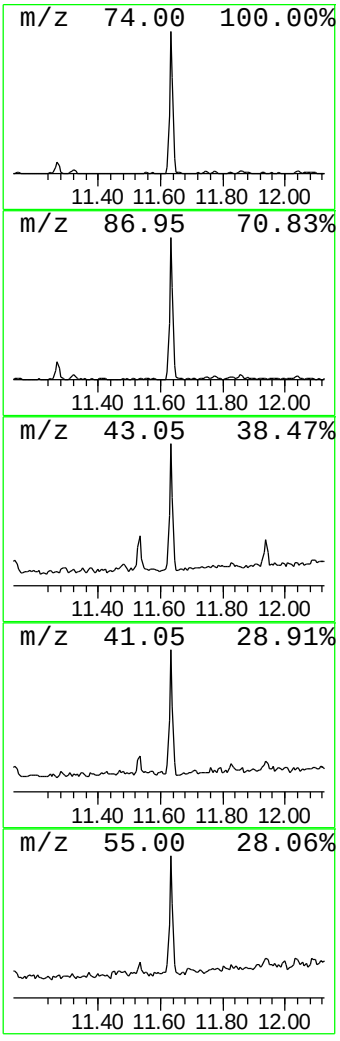
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	8.43 ng	436121	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	90
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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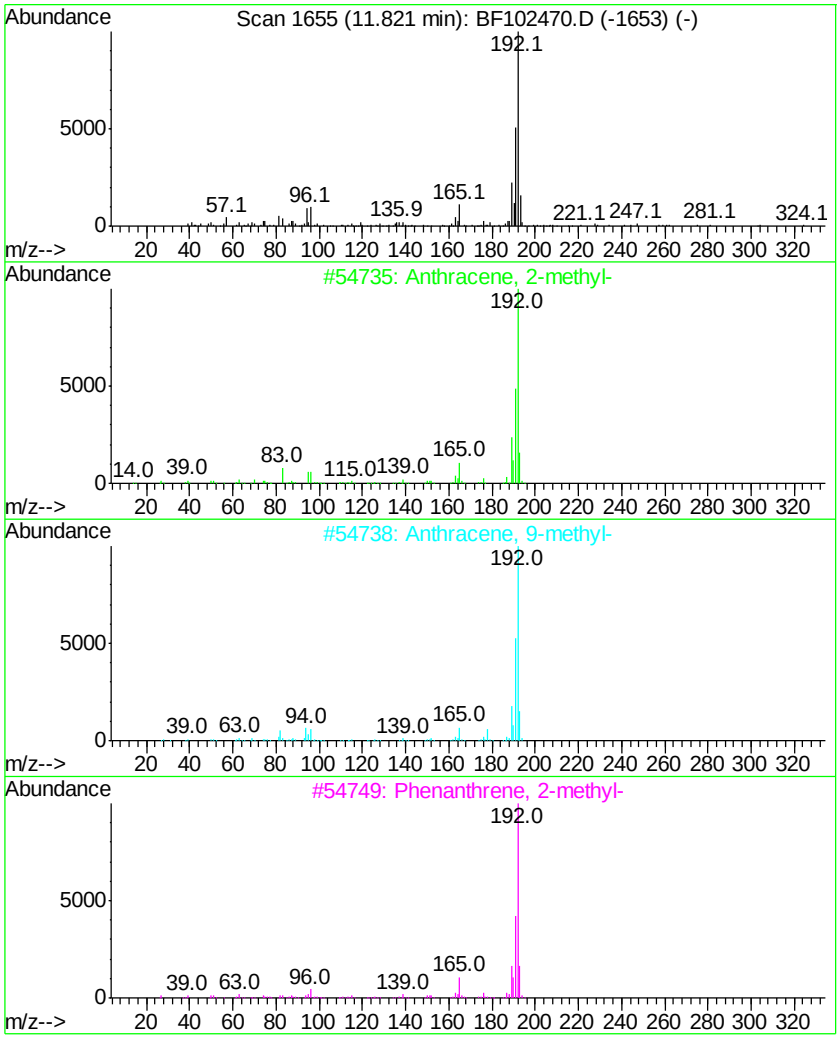
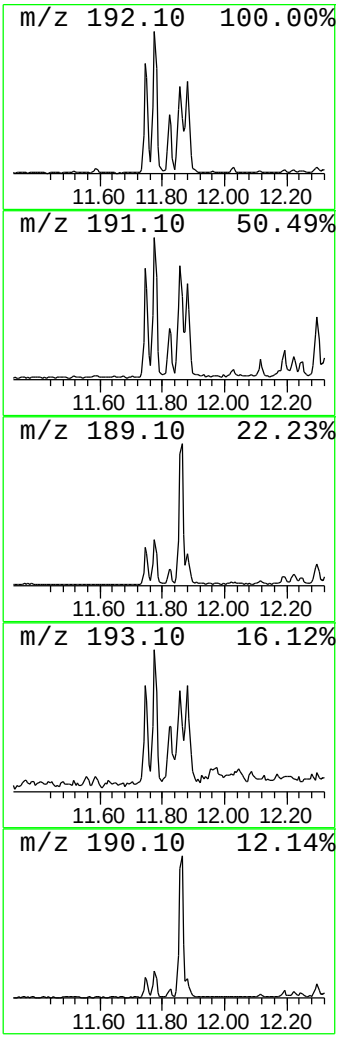
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.12 ng	109496	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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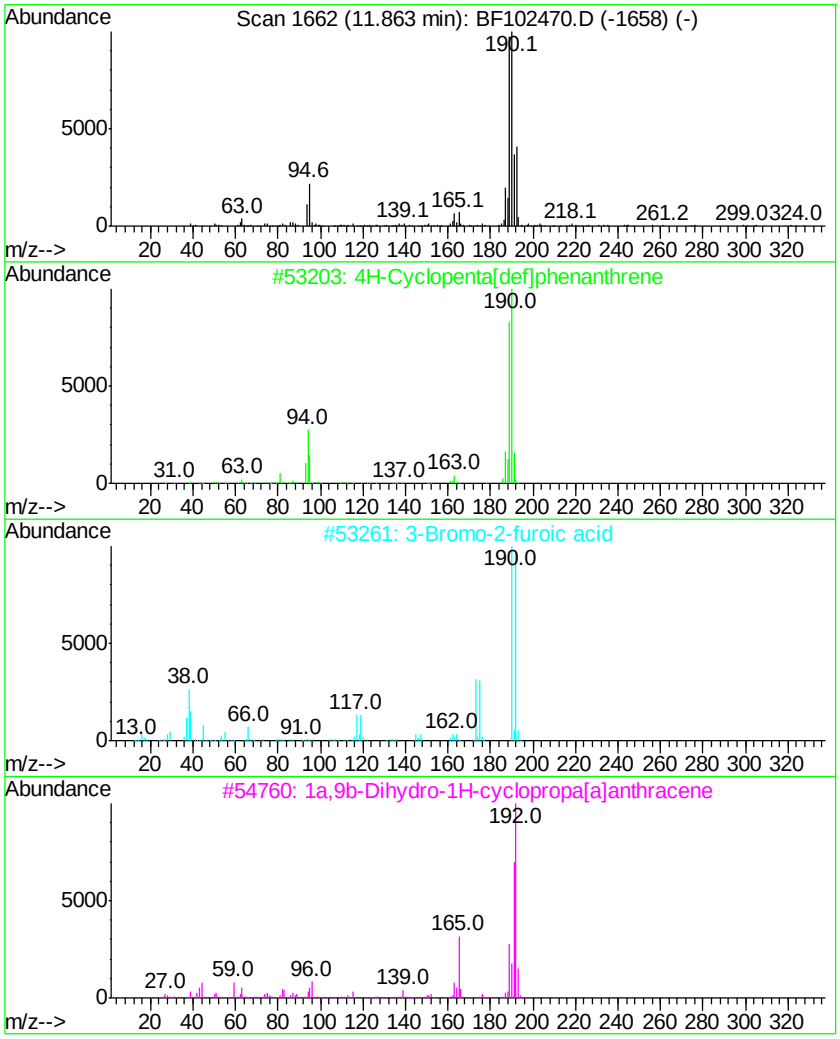
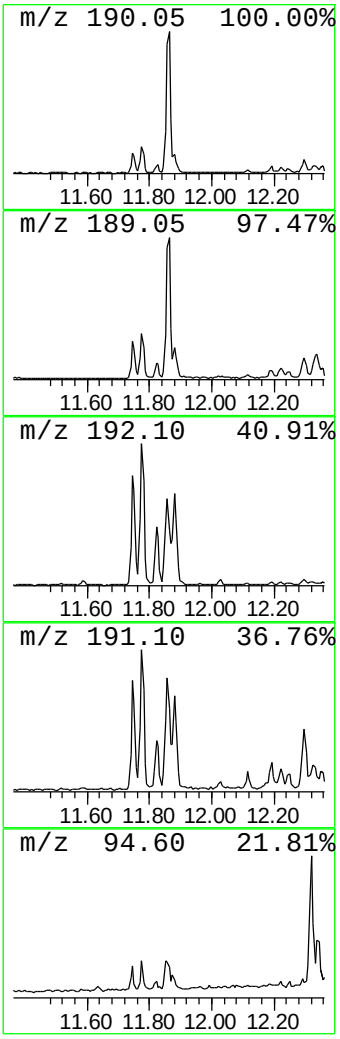
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	8.51 ng	439932	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	30
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	30





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Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : PL-01-012418-D

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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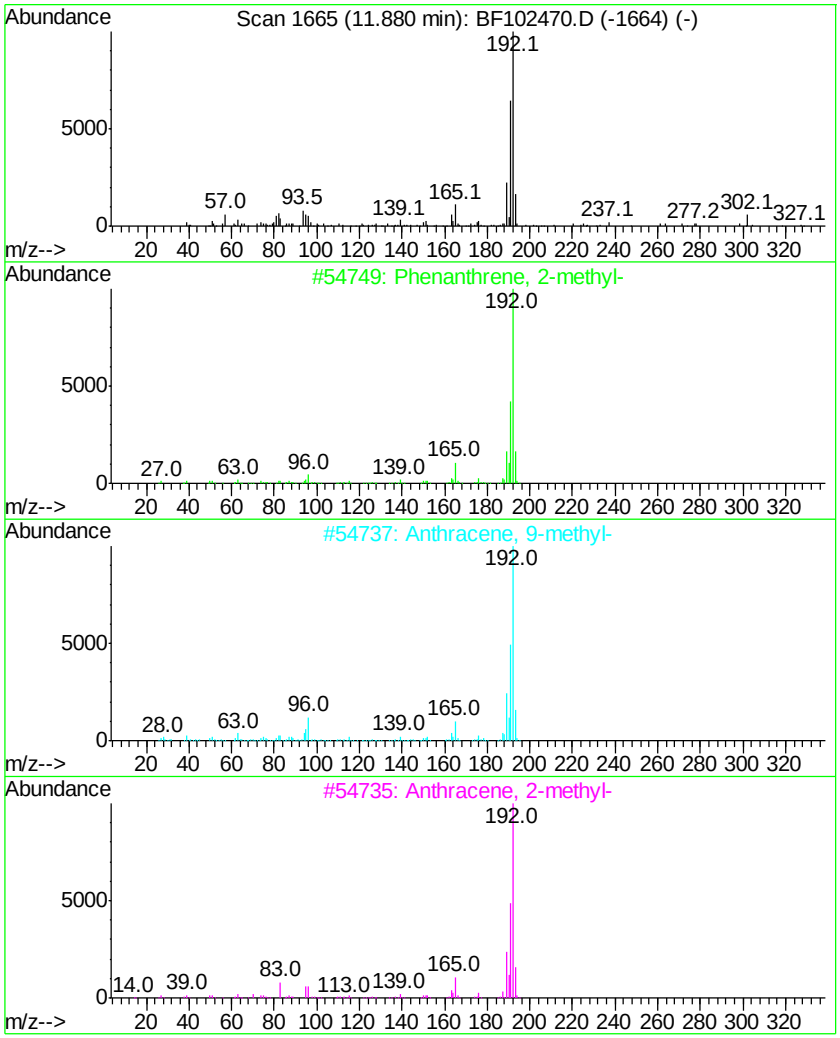
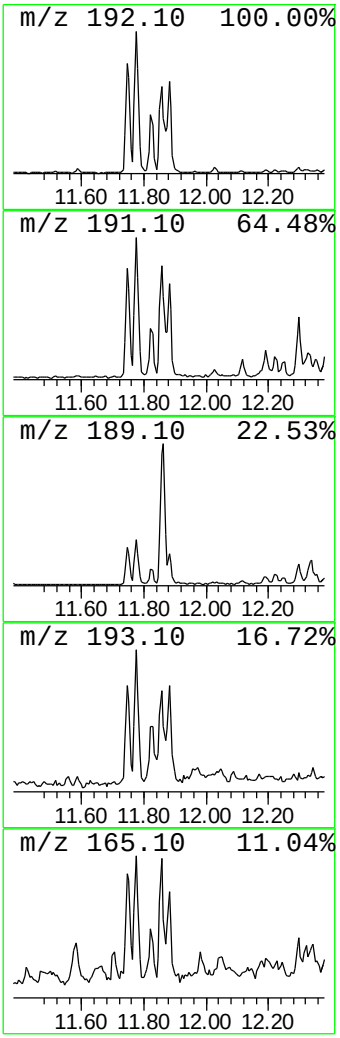
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.31 ng	119277	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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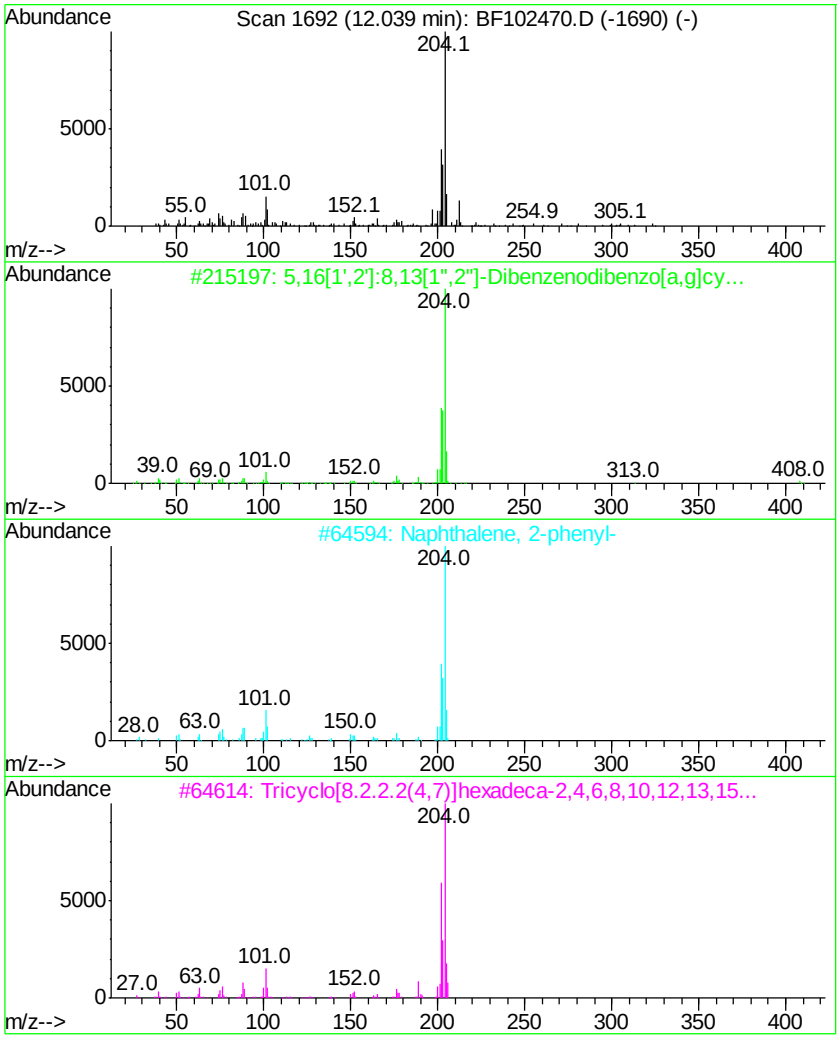
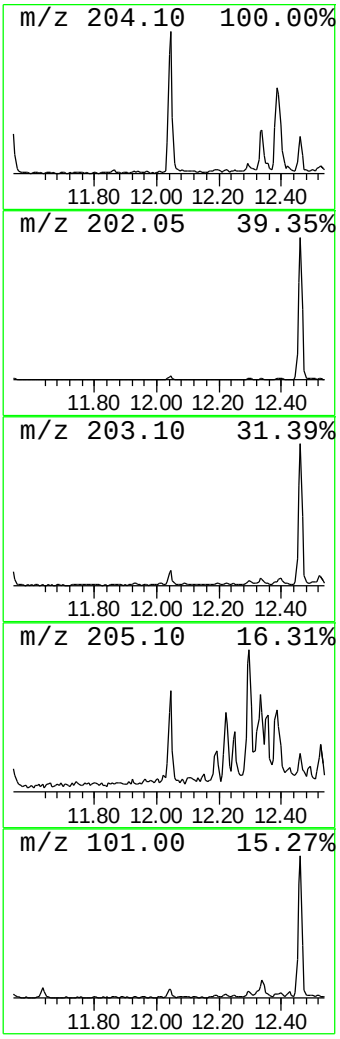
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.61 ng	135203	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	43





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Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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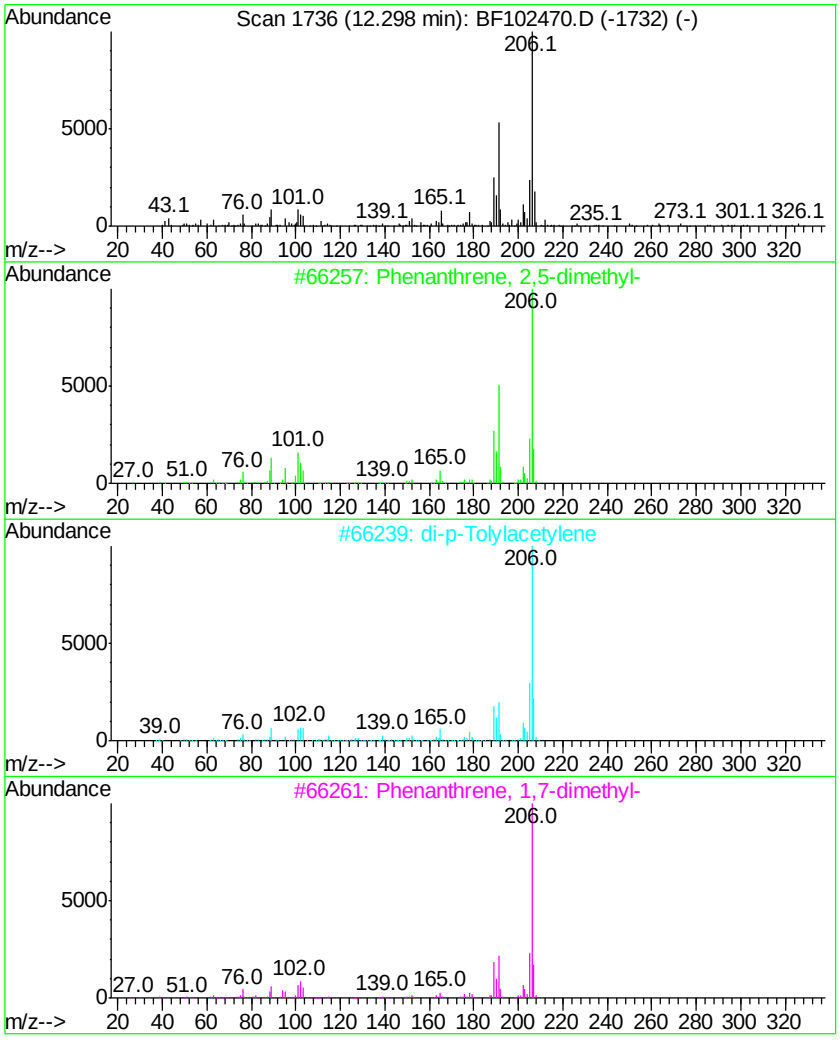
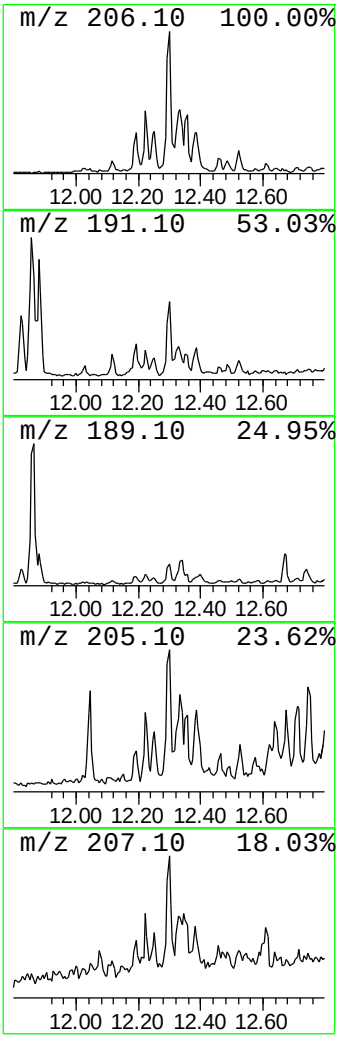
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.67 ng	189987	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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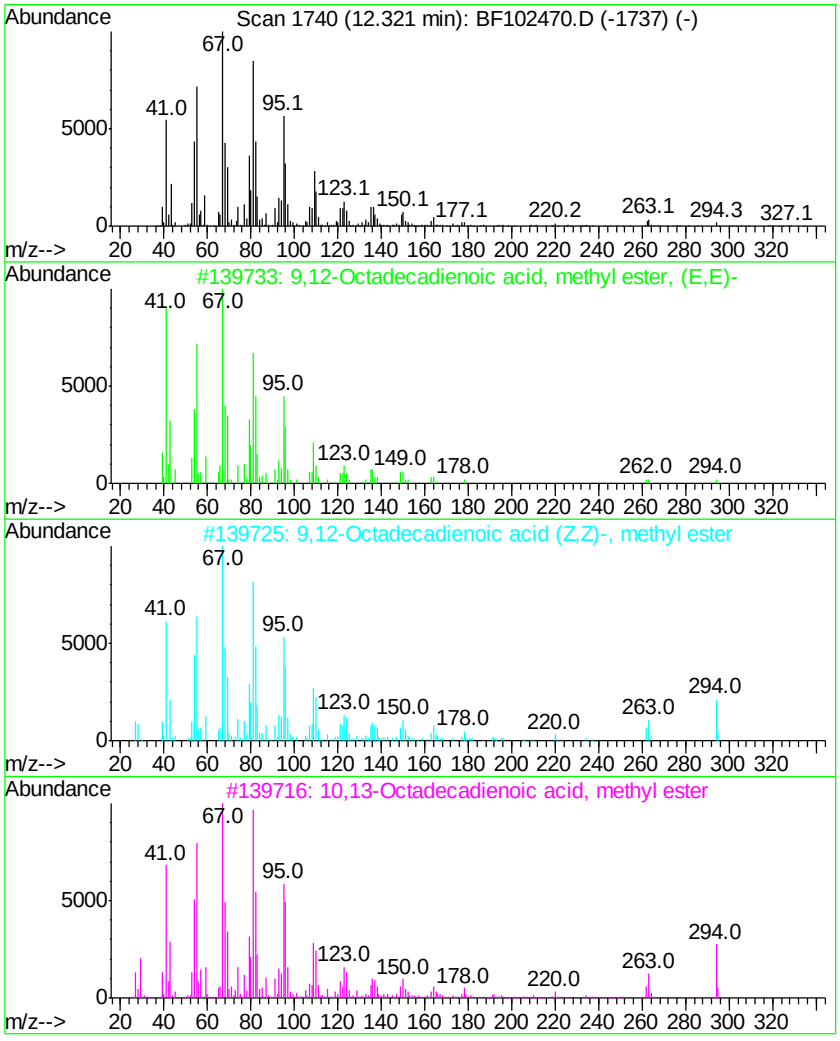
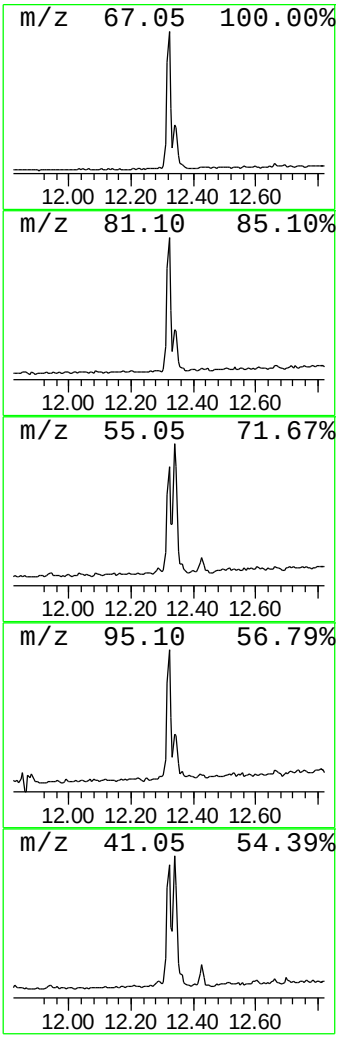
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	27.53 ng	1424020	Phenanthrene-d10	11.24

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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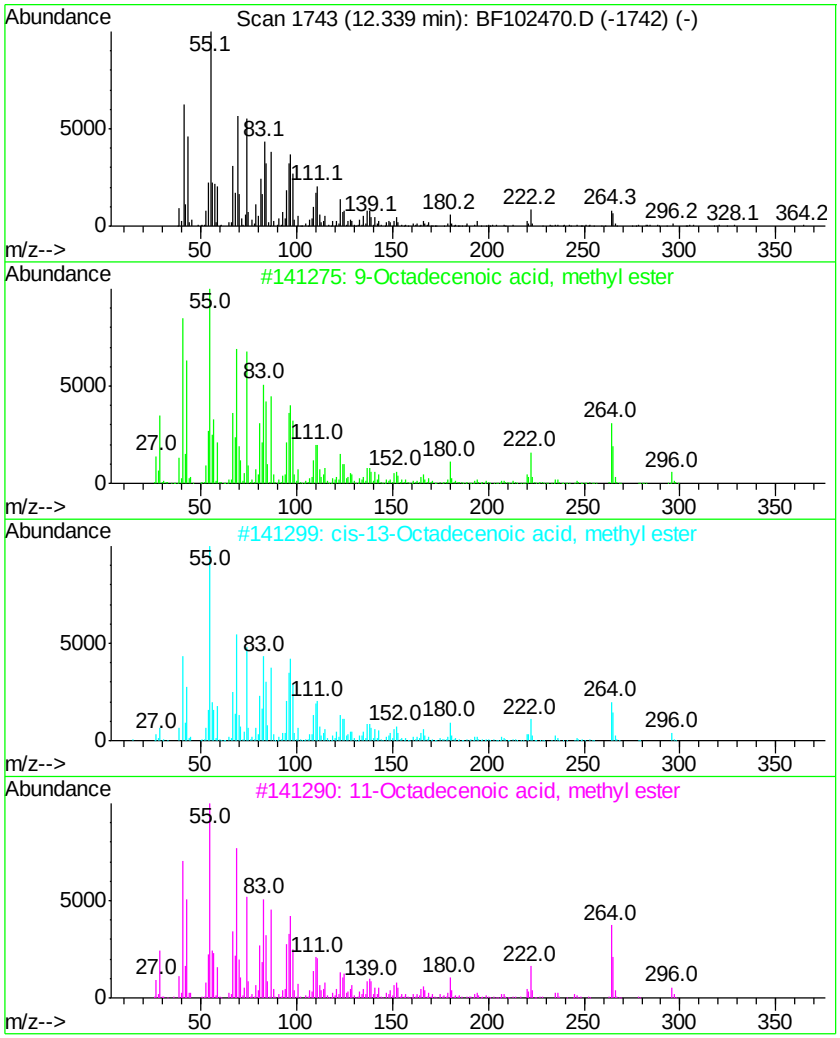
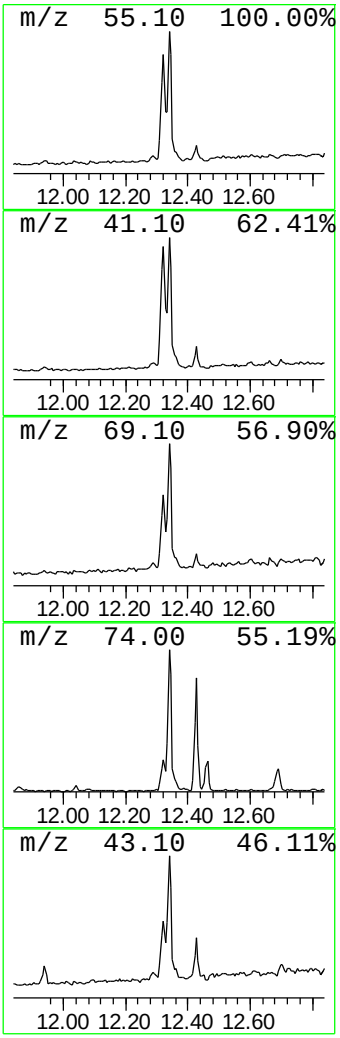
Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	20.95 ng	1083660	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99





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Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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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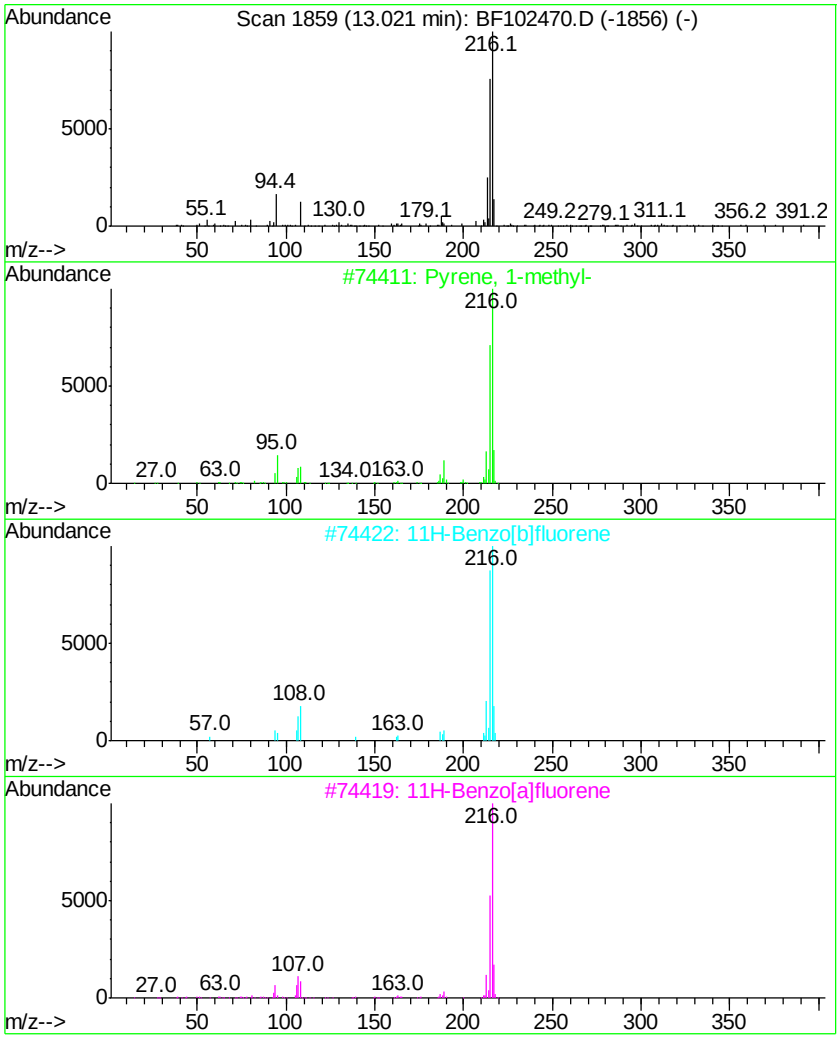
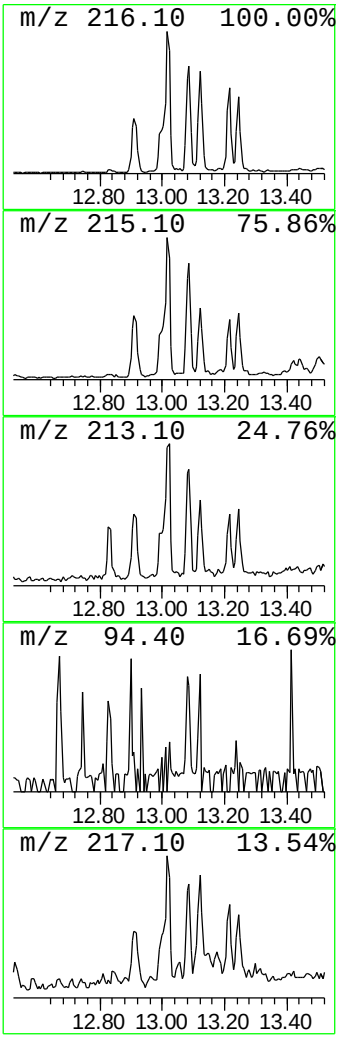
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.98 ng	210843	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Tentatively Identified Compound (LSC) summary

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Data File : BF102470.D
Acq On : 26 Jan 2018 16:00
Operator : SJ/JU
Sample : J1020-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-D

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
unknown6.49	6.49	41.4	ng	2027750	1	6.72	978671	20.0
Biphenylene	9.62	2.1	ng	126814	3	9.76	1229790	20.0
Hexadecane	10.19	2.4	ng	144925	3	9.76	1229790	20.0
9H-Fluorene, 2-me...	10.86	2.4	ng	124297	4	11.24	1034410	20.0
Dodecane, 2-methyl-	11.10	2.5	ng	127372	4	11.24	1034410	20.0
Dibenzothiophene	11.14	2.7	ng	138727	4	11.24	1034410	20.0
Hexadecanoic acid...	11.63	8.4	ng	436121	4	11.24	1034410	20.0
Anthracene, 2-met...	11.82	2.1	ng	109496	4	11.24	1034410	20.0
4H-Cyclopenta[def...	11.86	8.5	ng	439932	4	11.24	1034410	20.0
Phenanthrene, 2-m...	11.88	2.3	ng	119277	4	11.24	1034410	20.0
5,16[1',2']:8,13[...	12.04	2.6	ng	135203	4	11.24	1034410	20.0
Phenanthrene, 2,5...	12.30	3.7	ng	189987	4	11.24	1034410	20.0
9,12-Octadecadien...	12.32	27.5	ng	1424020	4	11.24	1034410	20.0
9-Octadecenoic ac...	12.34	20.9	ng	1083660	4	11.24	1034410	20.0
Pyrene, 1-methyl-	13.02	3.0	ng	210843	5	13.89	1416820	20.0