LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

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-BF022218.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	2.146	5	10	22	rVB	249754	356539	10.07%	0.915%
2	5.116	512	515	532	rVB	88535	131116	3.70%	0.336%
3	5.504	577	581	601	rVB	3316966	3540417	100.00%	9.082%
4	5.716	614	617	623	rVB2	42383	51217	1.45%	0.131%
5	6.516	748	753	772	rBV	3066956	3519886	99.42%	9.029%
6	6.651	772	776	779	rVV	3490429	3314463	93.62%	8.502%
7	6.698	781	784	790	rVB2	54096	70979	2.00%	0.182%
8	6.875	811	814	820	rBV	1132878	954440	26.96%	2.448%
9	7.034	837	841	844	rBV	2798286	2510344	70.91%	6.439%
10	7.139	854	859	865	rBV2	39447	56560	1.60%	0.145%
11	7.445	906	911	921	rBV	2221120	2276297	64.29%	5.839%
12	8.157	1029	1032	1035	rBV	1148652	1144376	32.32%	2.935%
13	8.733	1128	1130	1135	rBV	47006	44269	1.25%	0.114%
14	8.875	1151	1154	1160	rBV	102496	104428	2.95%	0.268%
15	8.975	1167	1171	1176	rBV	109681	103326	2.92%	0.265%
16	9.233	1211	1215	1218	rBV	3224347	2875643	81.22%	7.376%
17	9.298	1224	1226	1230	rVB	115524	109054	3.08%	0.280%
18	9.333	1230	1232	1237	rBV	44577	46904	1.32%	0.120%
19	9.433	1246	1249	1255	rVB	26078	40559	1.15%	0.104%
20	9.504	1257	1261	1264	rBV	55043	74500	2.10%	0.191%
21	9.575	1268	1273	1275	rVV2	88648	94578	2.67%	0.243%
22	9.622	1278	1281	1289	rVB2	233065	308463	8.71%	0.791%
23	9.692	1289	1293	1294	rBV2	44405	51719	1.46%	0.133%
24	9.780	1301	1308	1312	rBV	165898	212559	6.00%	0.545%
25	9.833	1313	1317	1319	rVB	165975	157955	4.46%	0.405%
26	9.916	1328	1331	1334	rBV	1087081	910052	25.70%	2.334%
27	9.951	1334	1337	1340	rVB	271571	238145	6.73%	0.611%
28	10.016	1344	1348	1352	rBV4	24390	41740	1.18%	0.107%
29	10.069	1352	1357	1359	rBV4	51392	80575	2.28%	0.207%
30	10.122	1363	1366	1369	rBV2	125281	118863	3.36%	0.305%
31	10.157	1369	1372	1375	rVB3	67474	74885	2.12%	0.192%
32	10.227	1381	1384	1387	rBV2	65166	80904	2.29%	0.208%
33	10.263	1388	1390	1395	rVB3	35340	44620	1.26%	0.114%
34	10.333	1395	1402	1405	rBV	228799	279782	7.90%	0.718%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.369	1405	1408	1411	rBV3	37554	56828	1.61%	0.146%
36	10.469	1421	1425	1431	rVB	154403	170524	4.82%	0.437%
37	10.551	1434	1439	1441	rBV2	131145	149749	4.23%	0.384%
38	10.710	1462	1466	1475	rBV	1148056	1281206	36.19%	3.286%
39	10.804	1479	1482	1492	rVV2	193663	353084	9.97%	0.906%
40	11.004	1513	1516	1517	rBV3	48512	54952	1.55%	0.141%
41	11.098	1529	1532	1535	rBV2	36512	37730	1.07%	0.097%
42	11.127	1535	1537	1542	rBV5	26145	48603	1.37%	0.125%
43	11.222	1550	1553	1556	rVB2	34394	37157	1.05%	0.095%
44	11.257	1556	1559	1561	rBV	121365	116026	3.28%	0.298%
45	11.280	1561	1563	1566	rVB	89032	75866	2.14%	0.195%
46	11.410	1581	1585	1587	rBV	894413	785563	22.19%	2.015%
47	11.433	1587	1589	1594	rVV	753834	638603	18.04%	1.638%
48	11.486	1595	1598	1603	rVV	263933	245375	6.93%	0.629%
49	11.645	1621	1625	1628	rBV3	60329	93496	2.64%	0.240%
50	11.680	1629	1631	1633	rVV	84362	59791	1.69%	0.153%
51	11.916	1668	1671	1673	rBV	166226	178689	5.05%	0.458%
52	11.939	1673	1675	1679	rVB	169858	165701	4.68%	0.425%
53	11.992	1681	1684	1687	rBV	96286	87635	2.48%	0.225%
54	12.027	1687	1690	1692	rBV2	269552	295875	8.36%	0.759%
55	12.092	1698	1701	1704	rBV	84781	76048	2.15%	0.195%
56	12.210	1718	1721	1725	rBV	84864	86432	2.44%	0.222%
57	12.245	1725	1727	1731	rVB3	66190	63552	1.80%	0.163%
58	12.463	1761	1764	1769	rBV2	185373	271865	7.68%	0.697%
59	12.504	1769	1771	1773	rVV2	97638	97692	2.76%	0.251%
60	12.563	1776	1781	1783	rBV3	88940	137036	3.87%	0.352%
61	12.633	1789	1793	1796	rBV	1170722	1096993	30.98%	2.814%
62	12.692	1801	1803	1805	rBV3	58653	48735	1.38%	0.125%
63	12.863	1825	1832	1838	rBV	1294044	1520143	42.94%	3.899%
64	12.910	1838	1840	1844	rVB	99727	100786	2.85%	0.259%
65	12.998	1851	1855	1858	rBV	1781799	1615440	45.63%	4.144%
66	13.074	1865	1868	1873	rBV4	119988	219855	6.21%	0.564%
67	13.186	1881	1887	1893	rVB	237034	402838	11.38%	1.033%
68	13.257	1896	1899	1901	rBV	153414	136917	3.87%	0.351%
69	13.298	1903	1906	1908	rVB2	144454	134573	3.80%	0.345%
70	13.386	1919	1921	1924	rBV	135609	118203	3.34%	0.303%
71	13.416	1924	1926	1930	rBV	140154	148977	4.21%	0.382%

LSC Area Percent Report

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Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.704	1973	1975	1978	rVB2	126353	119021	3.36%	0.305%
73	13.874	2001	2004	2008	rBV3	189615	253014	7.15%	0.649%
74	14.063	2031	2036	2039	rBV2	850471	1328870	37.53%	3.409%
75	14.092	2039	2041	2045	rVB	677817	545396	15.40%	1.399%
76	14.174	2053	2055	2057	rBV	116602	92737	2.62%	0.238%
77	15.133	2215	2218	2221	rBV	346434	471267	13.31%	1.209%
78	15.451	2269	2272	2276	rVB	241420	261717	7.39%	0.671%
79	15.515	2280	2283	2287	rVV	325573	381394	10.77%	0.978%
80	15.580	2291	2294	2297	rVB	256163	302266	8.54%	0.775%

Sum of corrected areas: 38984377

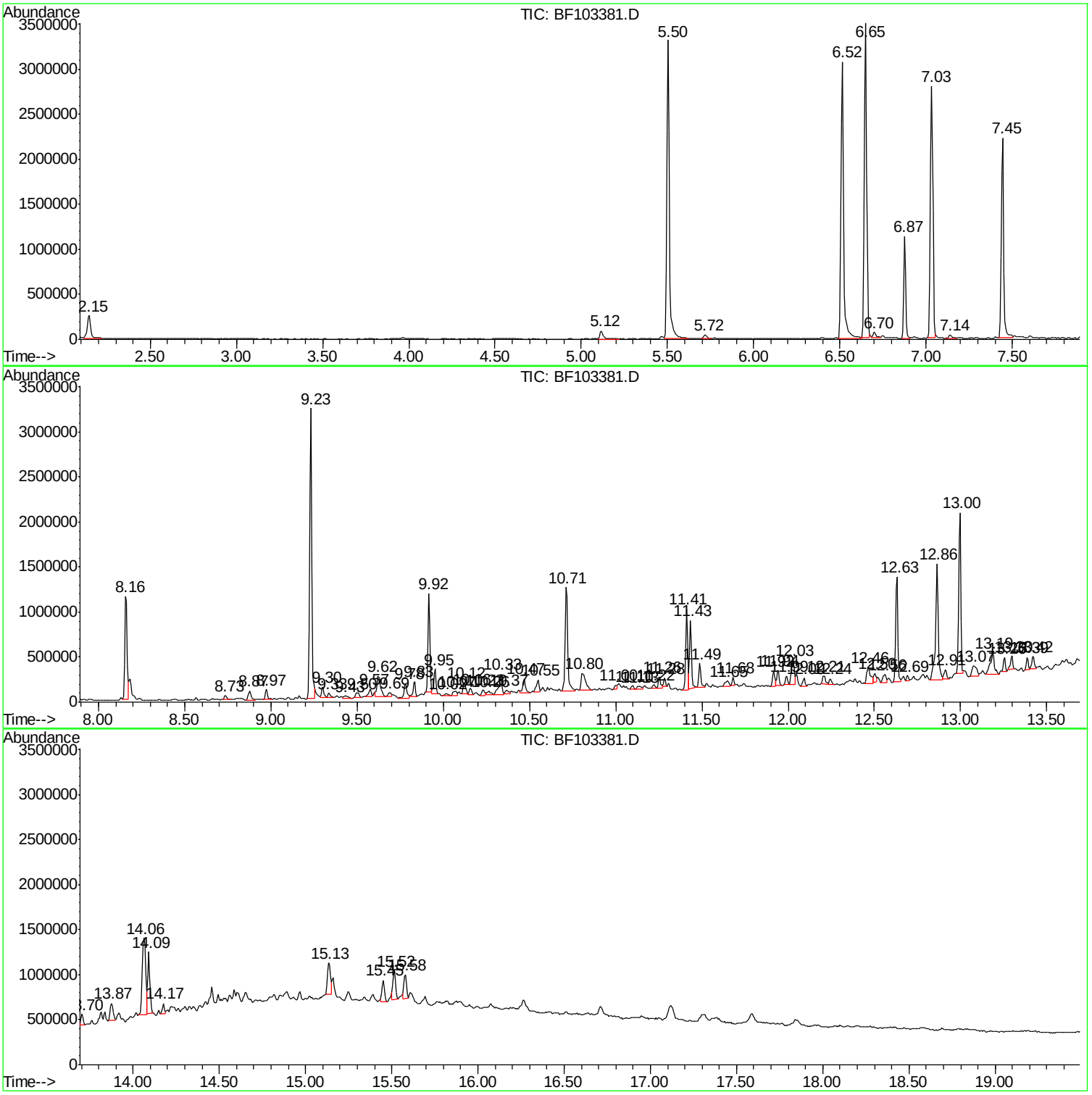
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

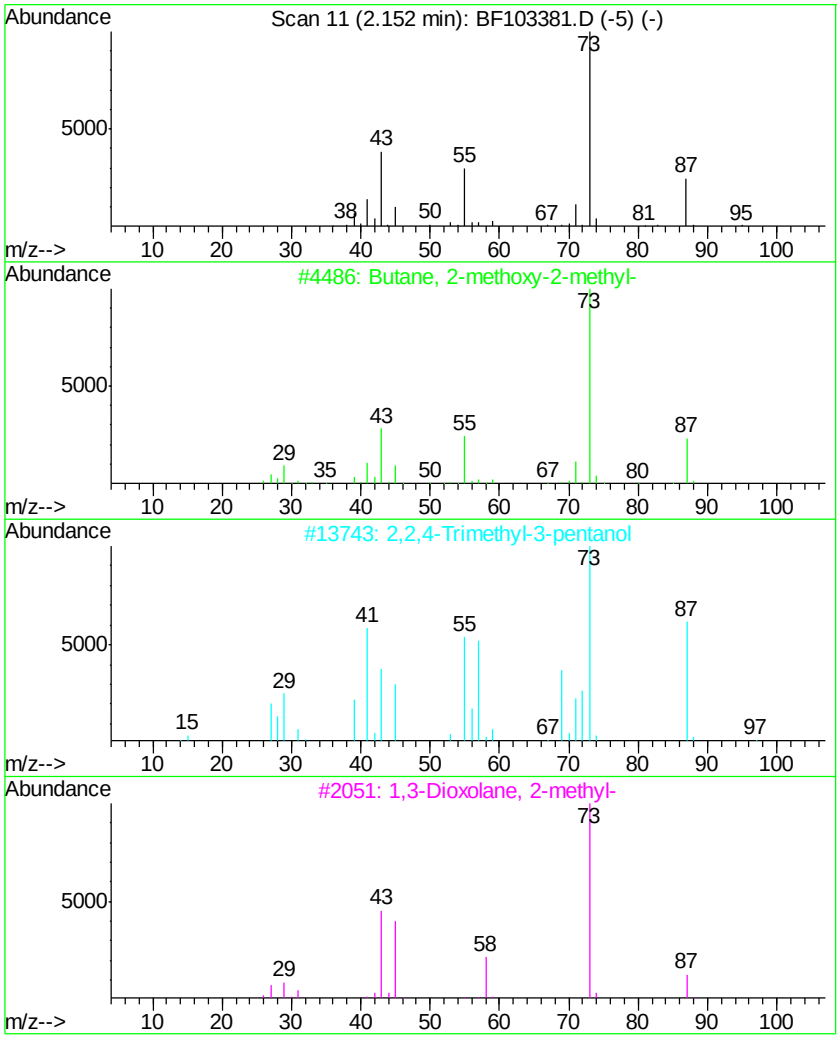
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

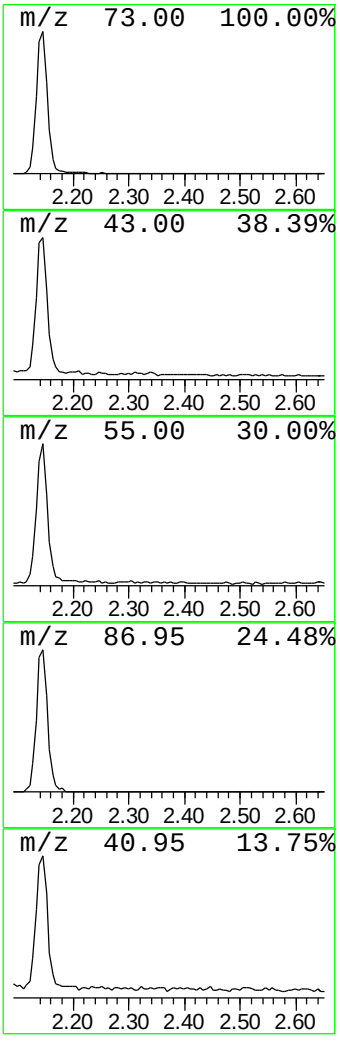
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	7.47 ng	356539	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

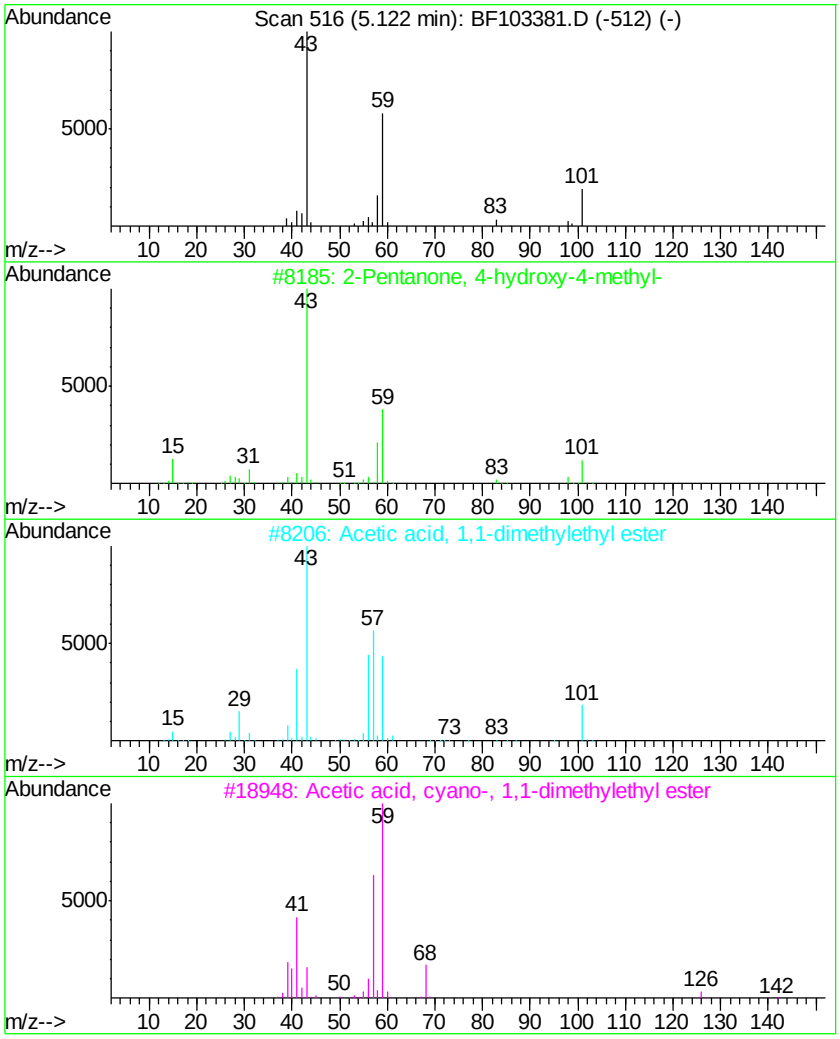
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

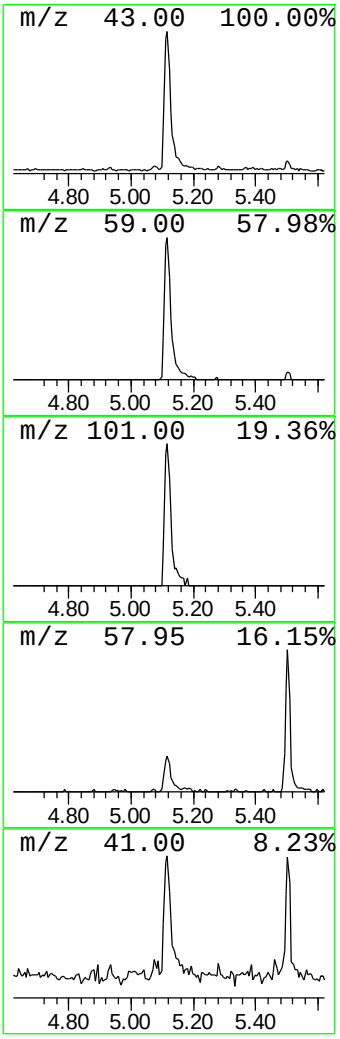
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.75 ng	131116	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

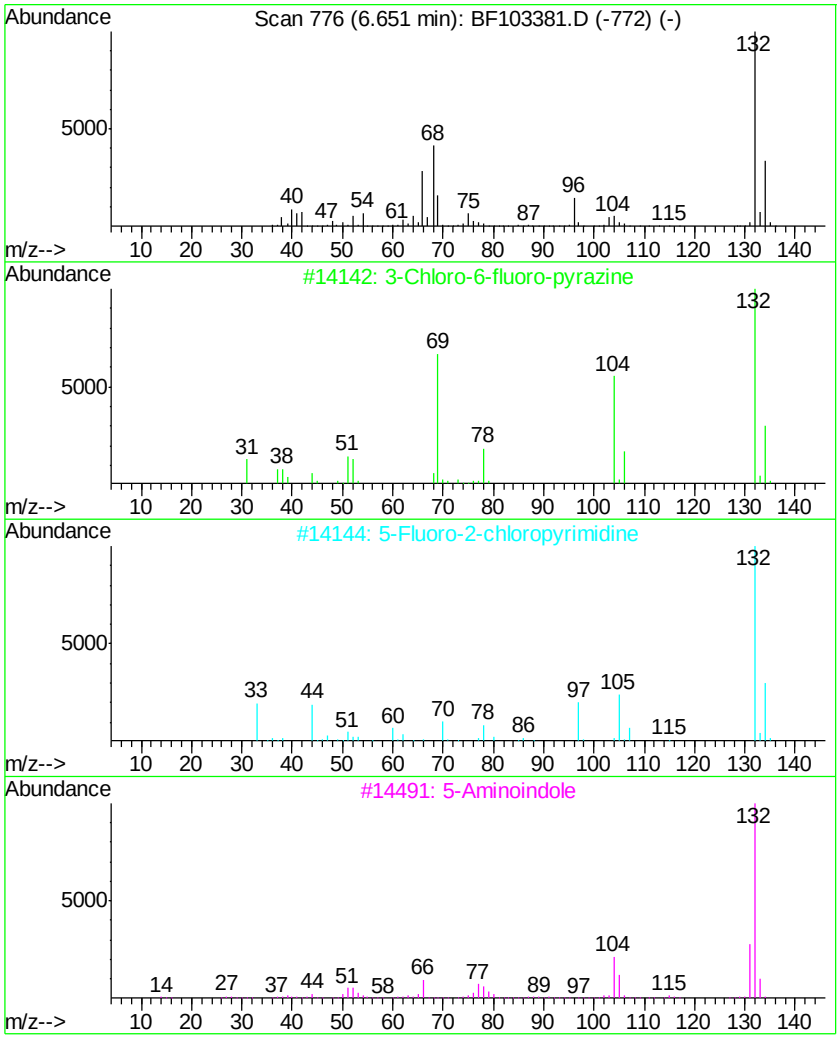
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

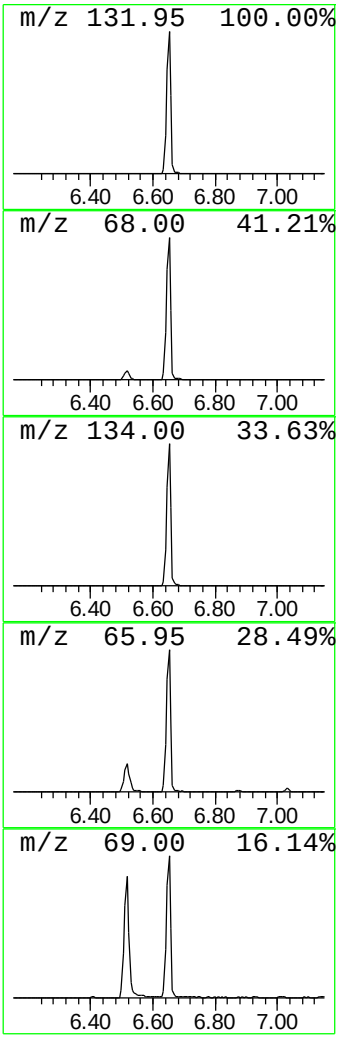
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.45 ng	3314460	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Sample : J1721-15
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Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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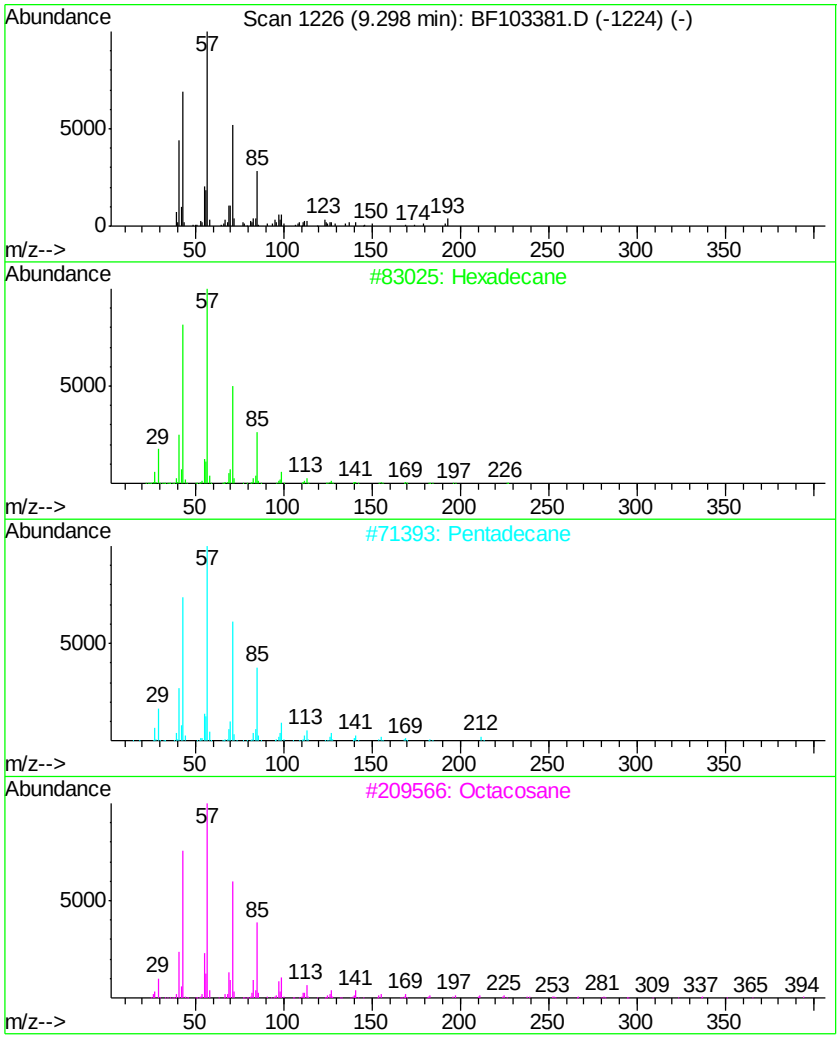
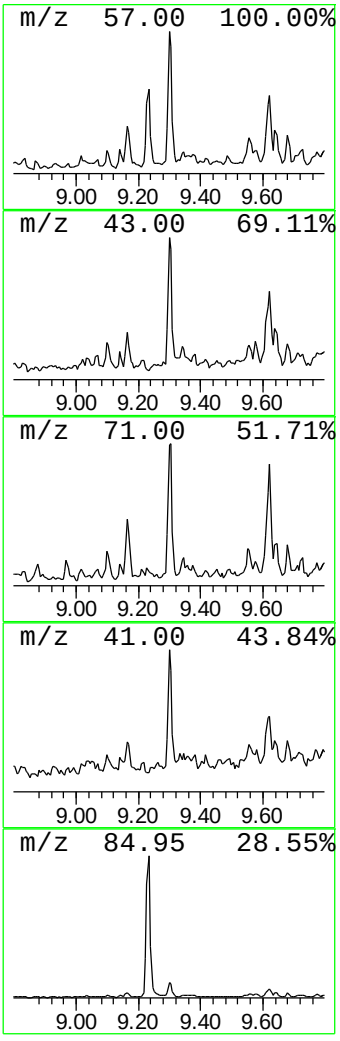
Peak Number 5 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.40 ng	109054	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	80
3	Octacosane	394	C28H58	000630-02-4	78
4	Triacontane	422	C30H62	000638-68-6	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
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Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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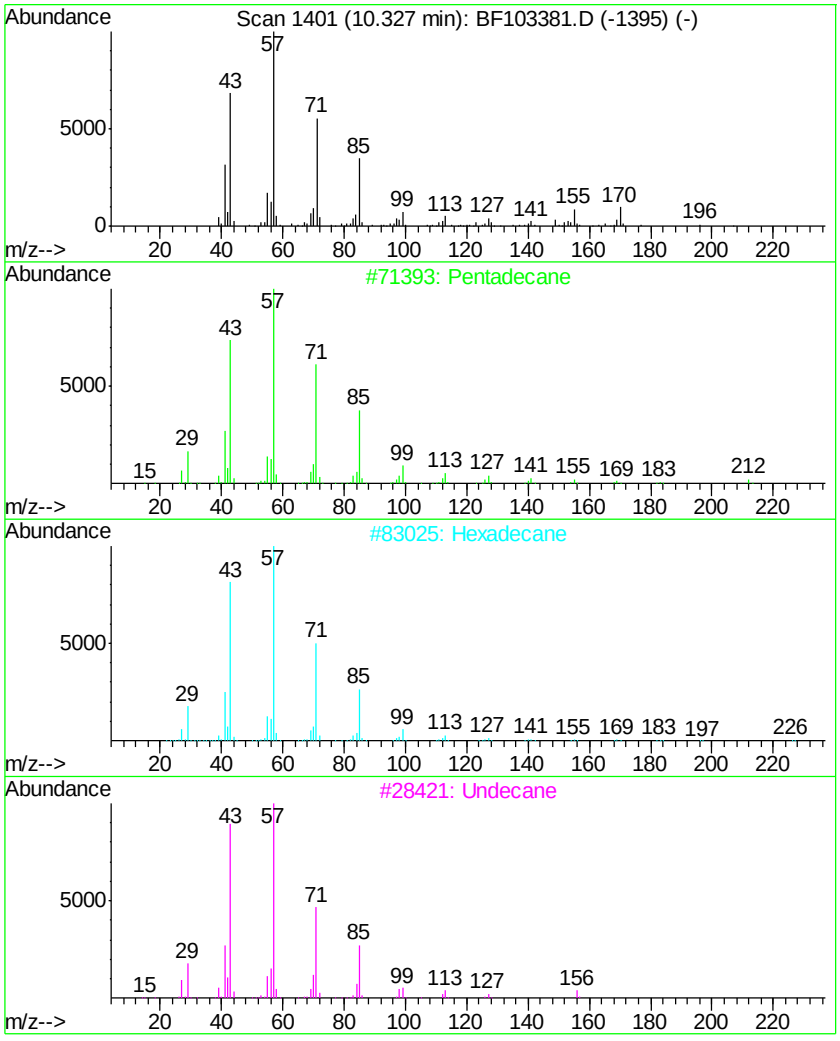
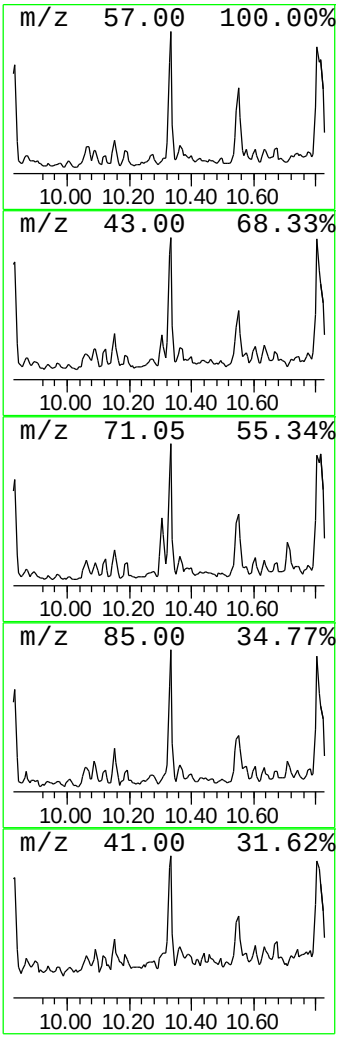
Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	6.15 ng	279782	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane	156	C11H24	001120-21-4	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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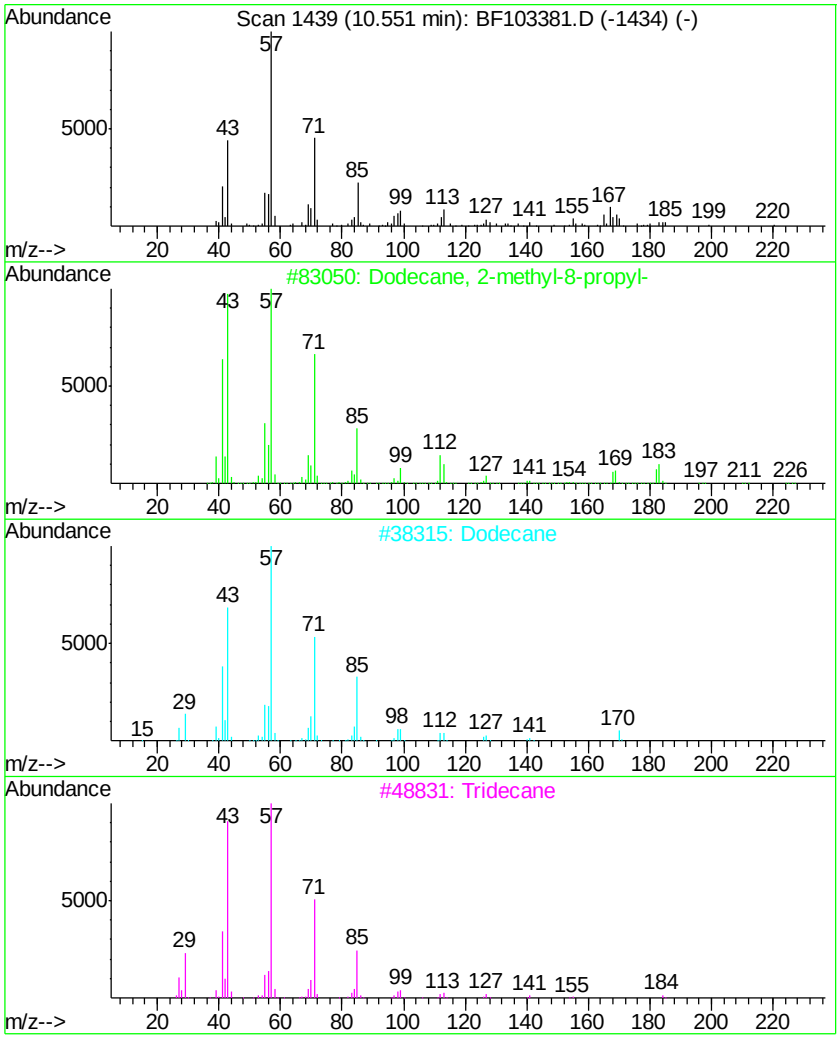
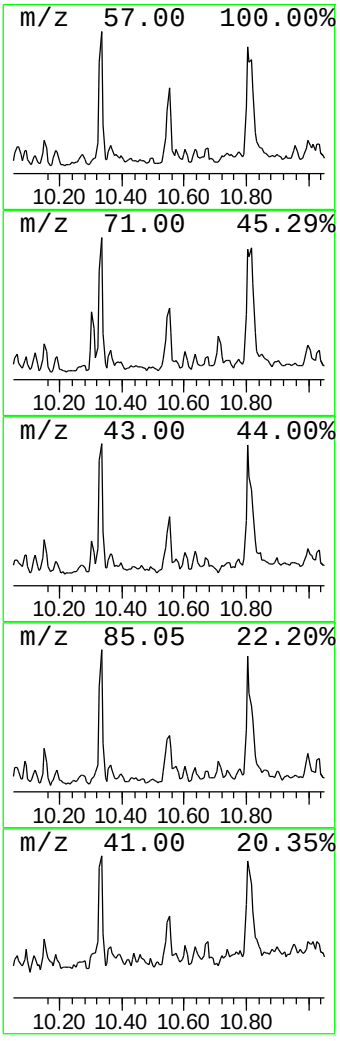
Peak Number 8 Dodecane, 2-methyl-8-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.29 ng	149749	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
2	Dodecane	170	C12H26	000112-40-3	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Octacosane	394	C28H58	000630-02-4	53
5	Decane, 2-methyl-	156	C11H24	006975-98-0	53





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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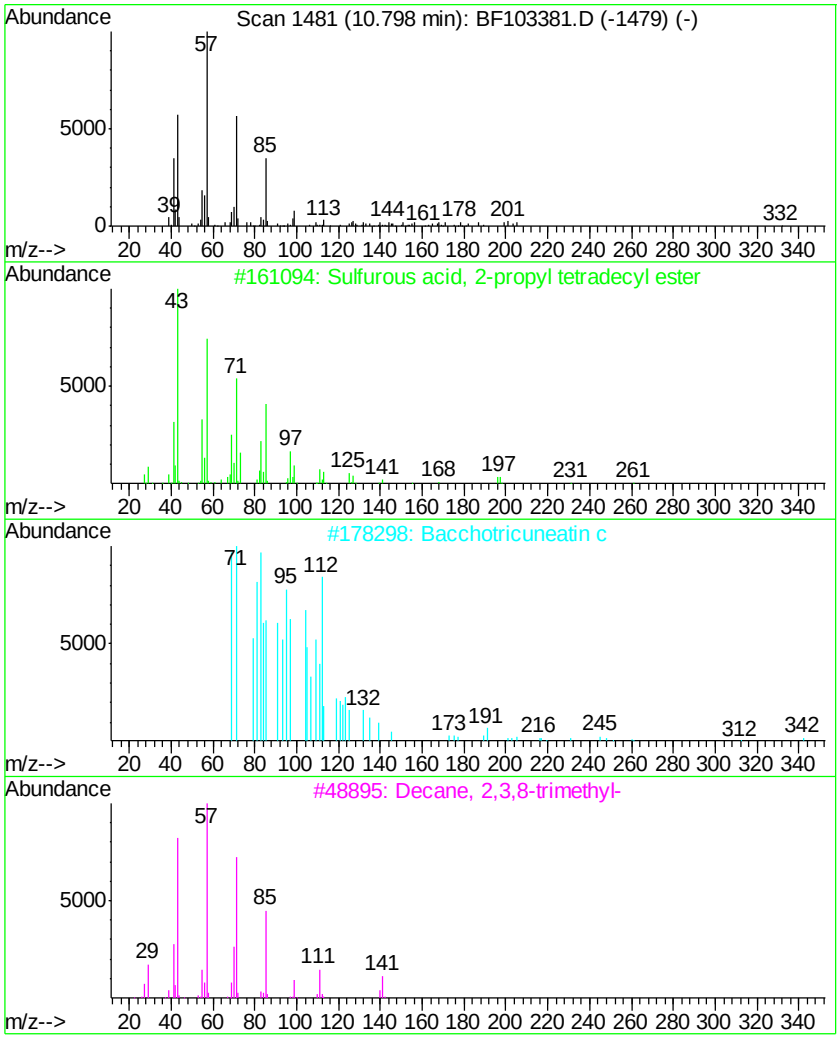
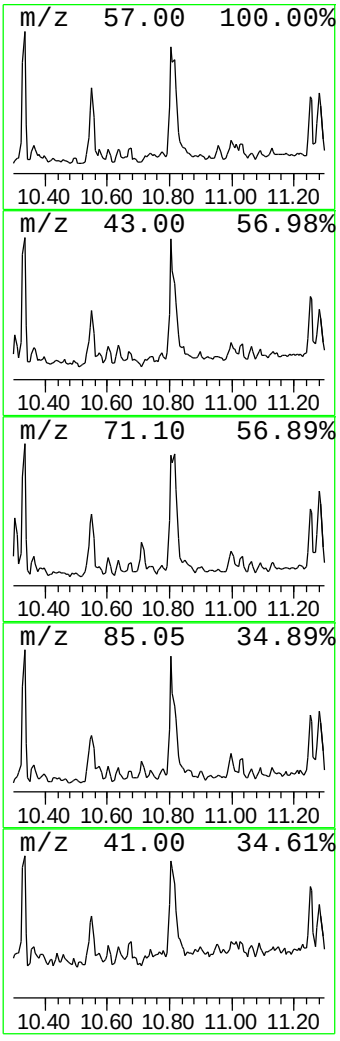
Peak Number 9 Sulfurous acid, 2-propyl te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.99 ng	353084	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : SJ/JU
Sample : J1721-15
Misc :
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Instrument : BNA_F
ClientSampleId : SP-40

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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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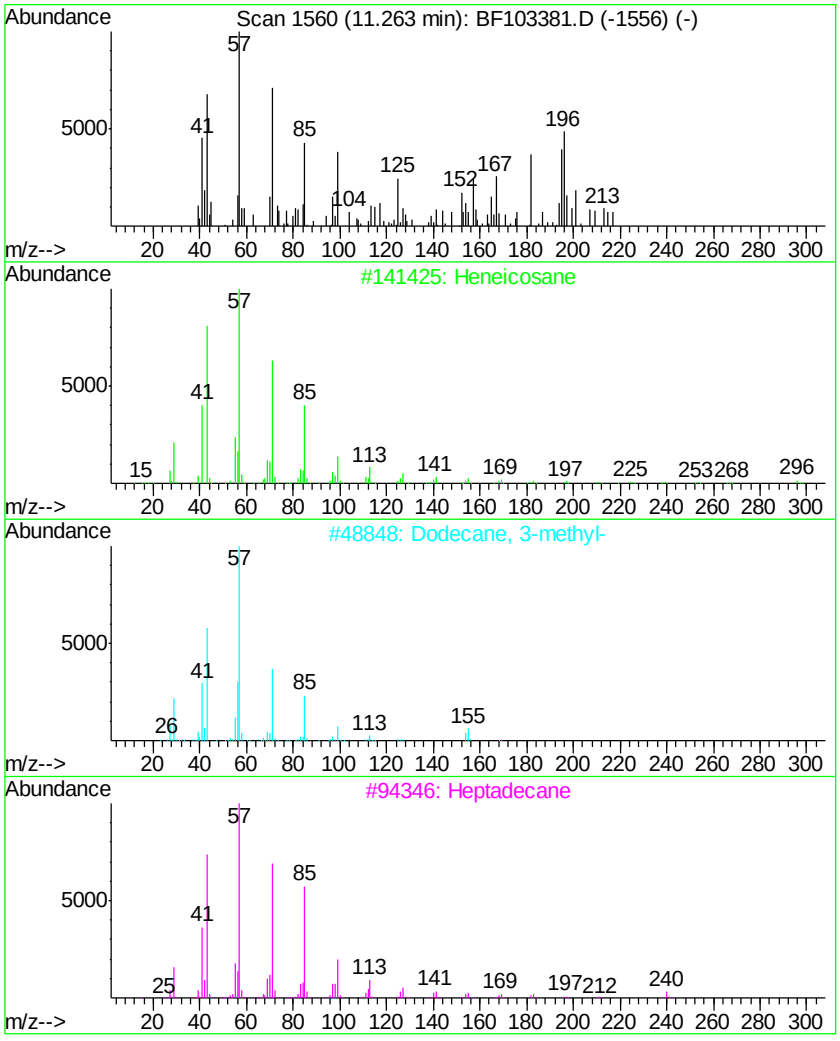
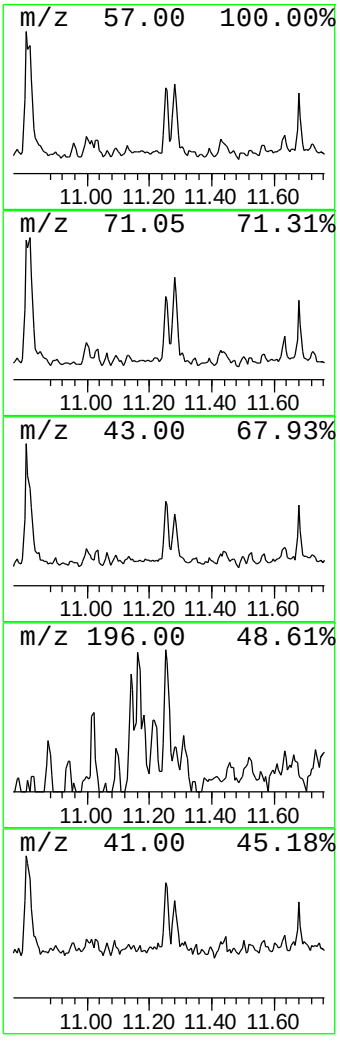
Peak Number 10 unknown11.26 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.95 ng	116026	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	49
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
3	Heptadecane	240	C17H36	000629-78-7	47
4	Tetracosane	338	C24H50	000646-31-1	47
5	Hentriacontane	437	C31H64	000630-04-6	47





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Instrument : BNA_F
ClientSampleId : SP-40

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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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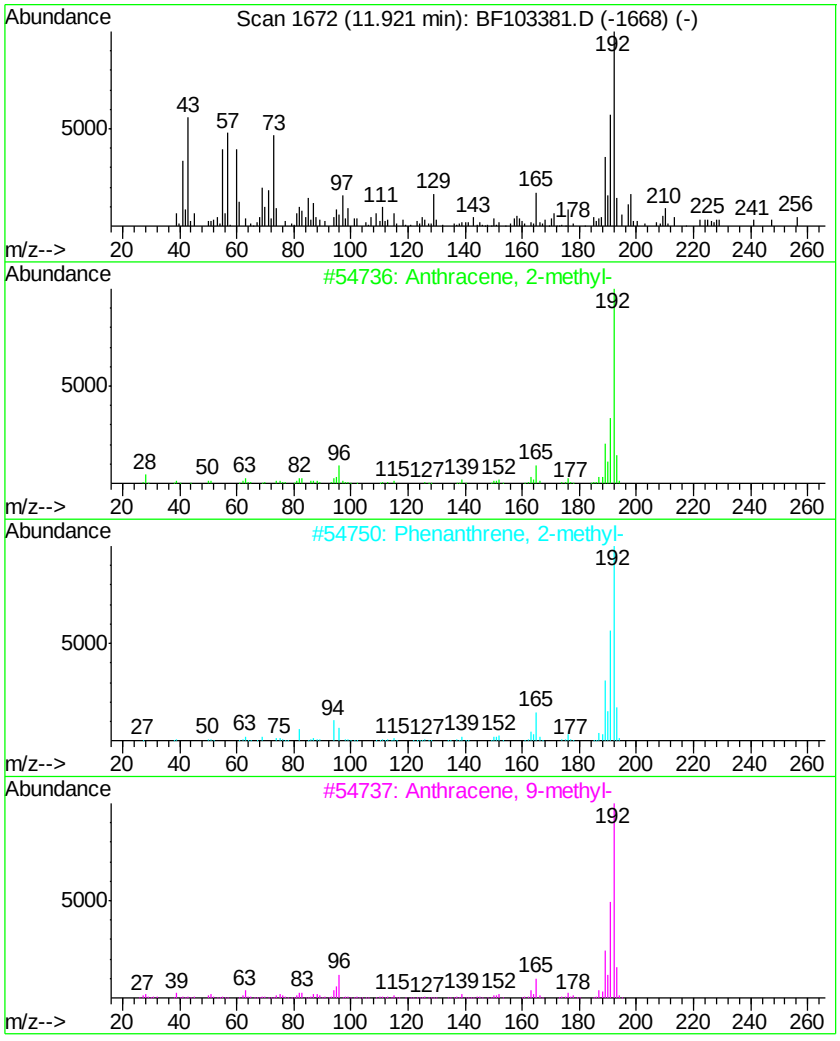
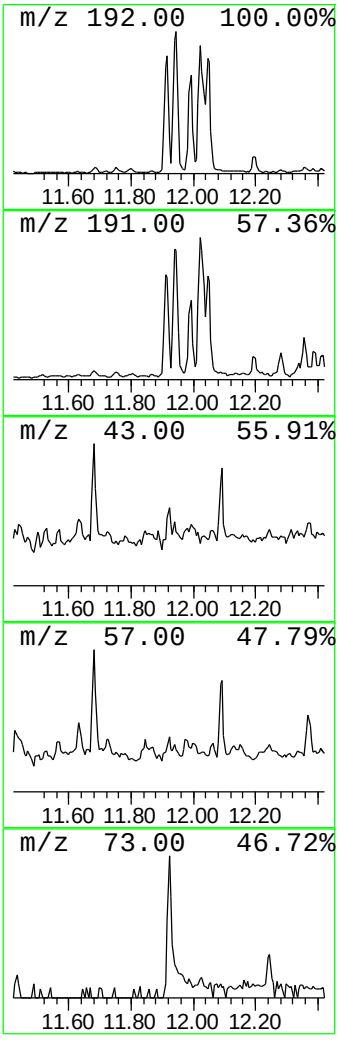
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.55 ng	178689	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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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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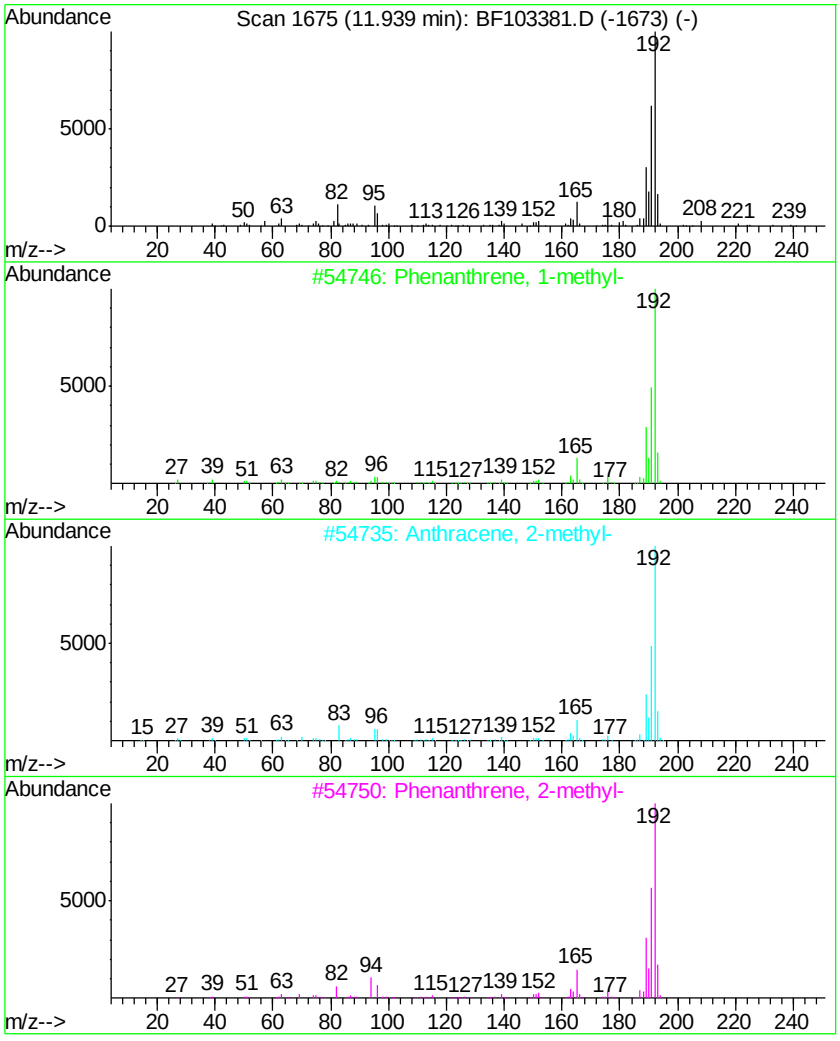
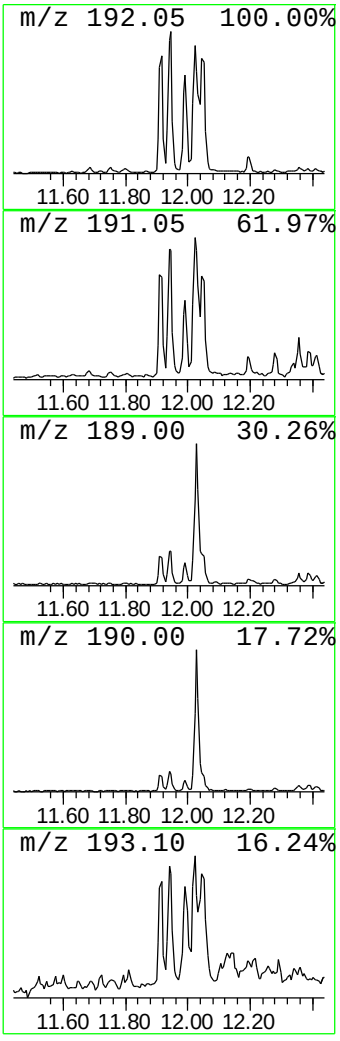
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.22 ng	165701	Phenanthrene-d10	11.41

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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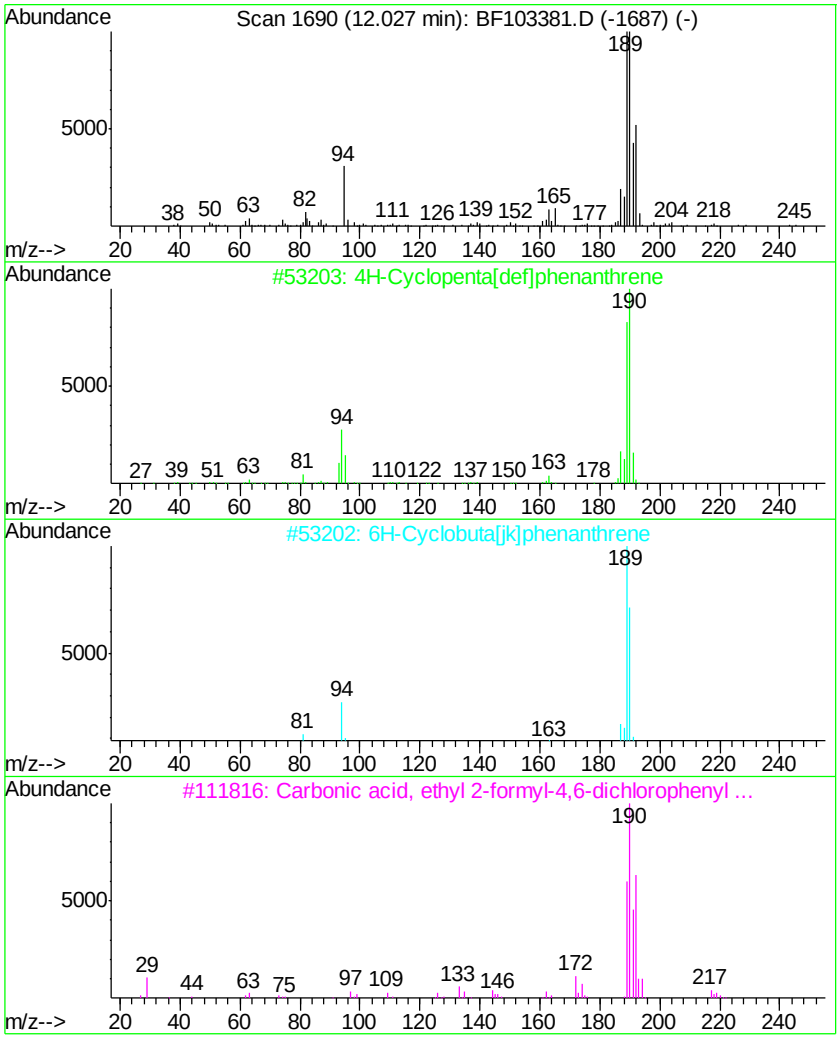
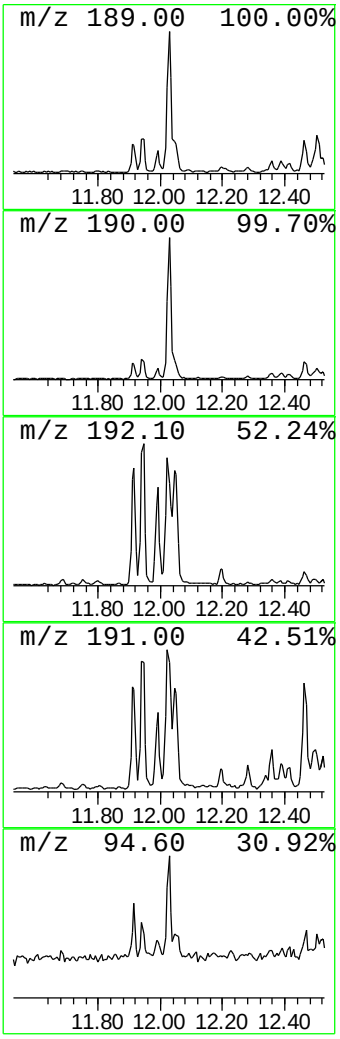
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.53 ng	295875	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





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Instrument : BNA_F
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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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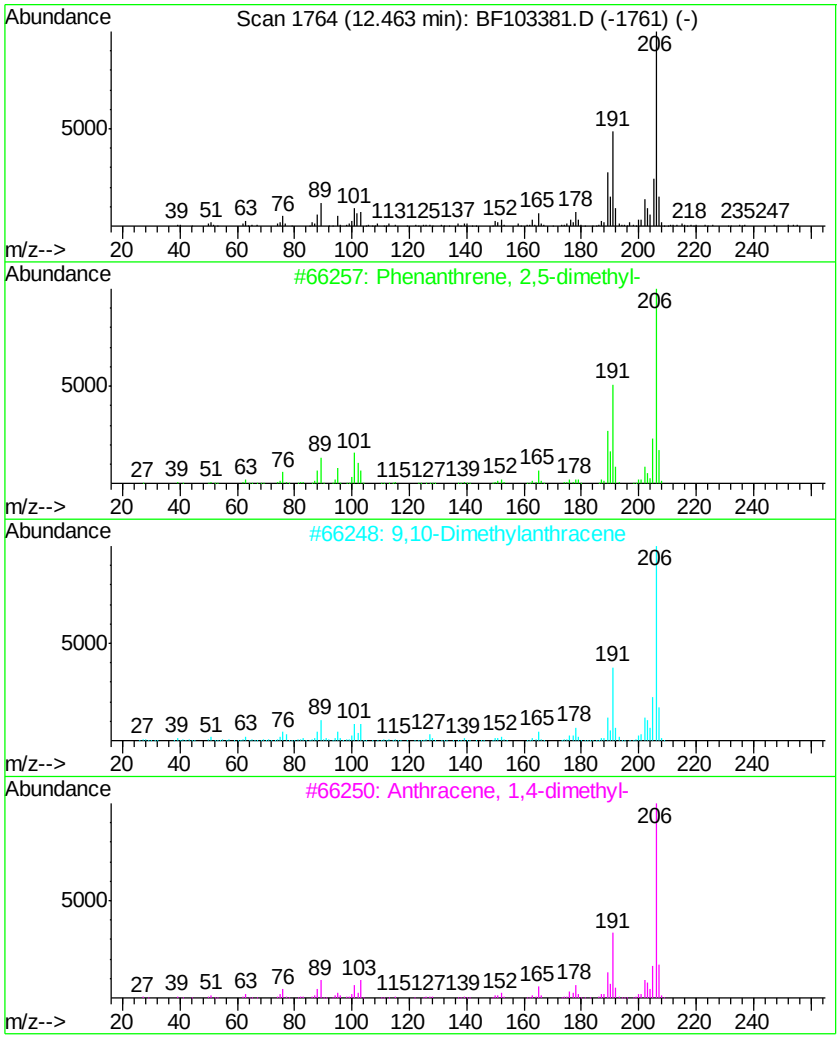
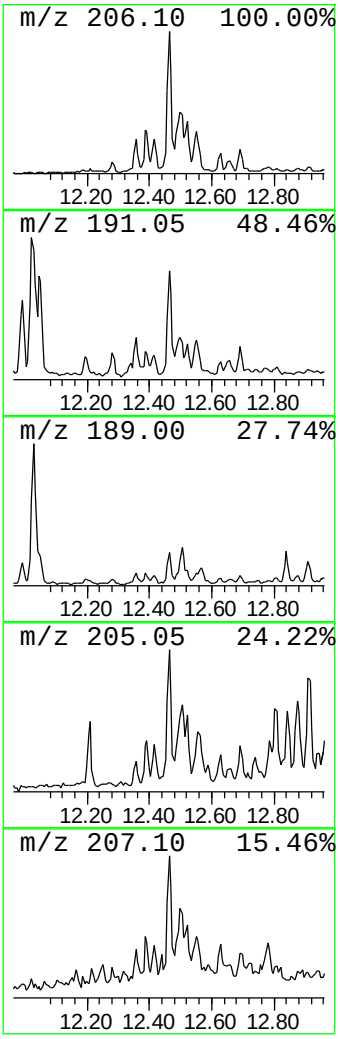
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.92 ng	271865	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87





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Sample : J1721-15
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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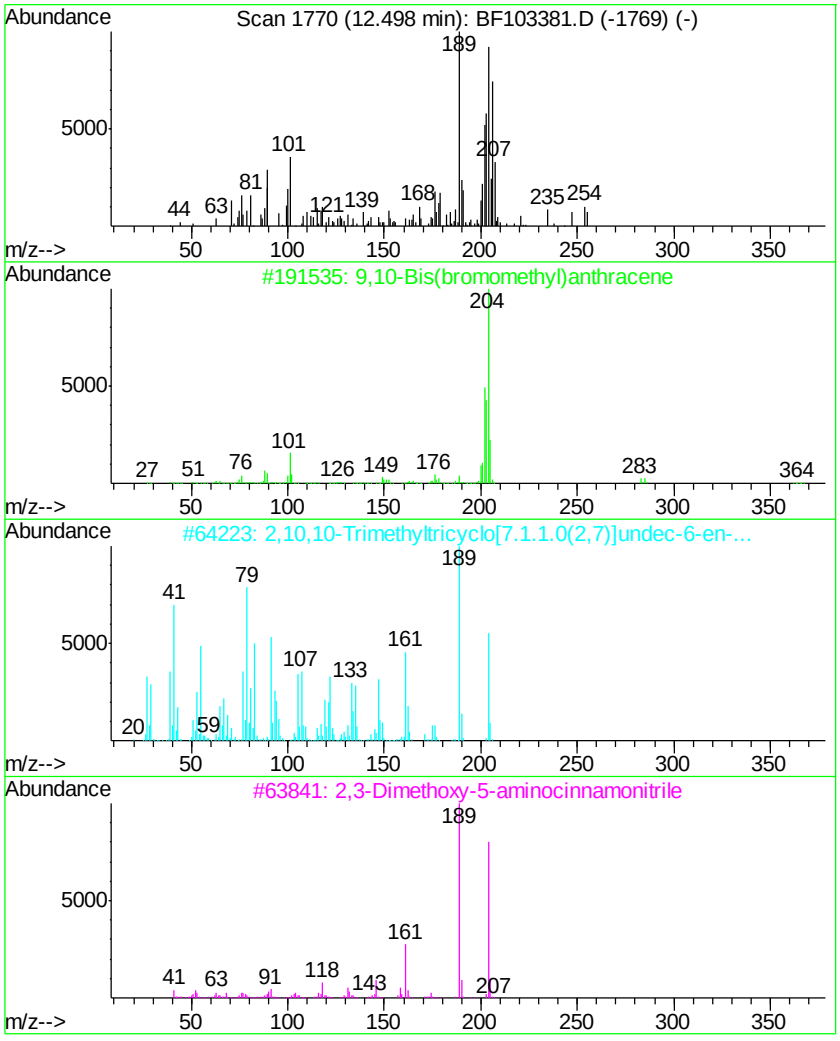
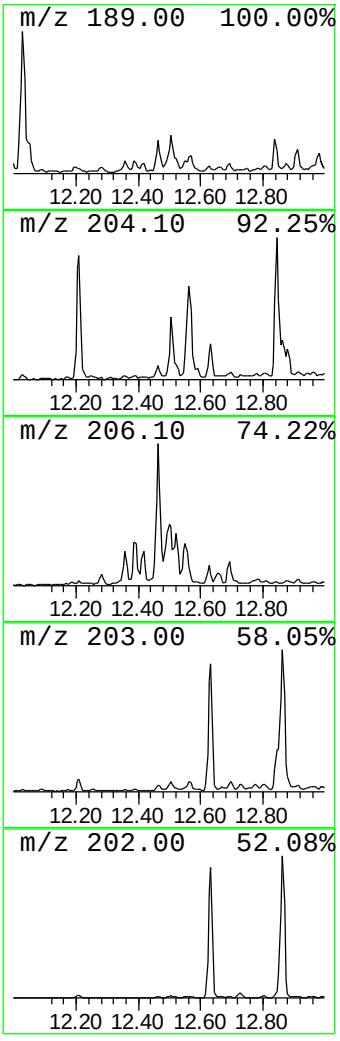
Peak Number 15 9,10-Bis(bromomethyl)anthra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.49 ng	97692	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
2	2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	47
3	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	42





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Misc :
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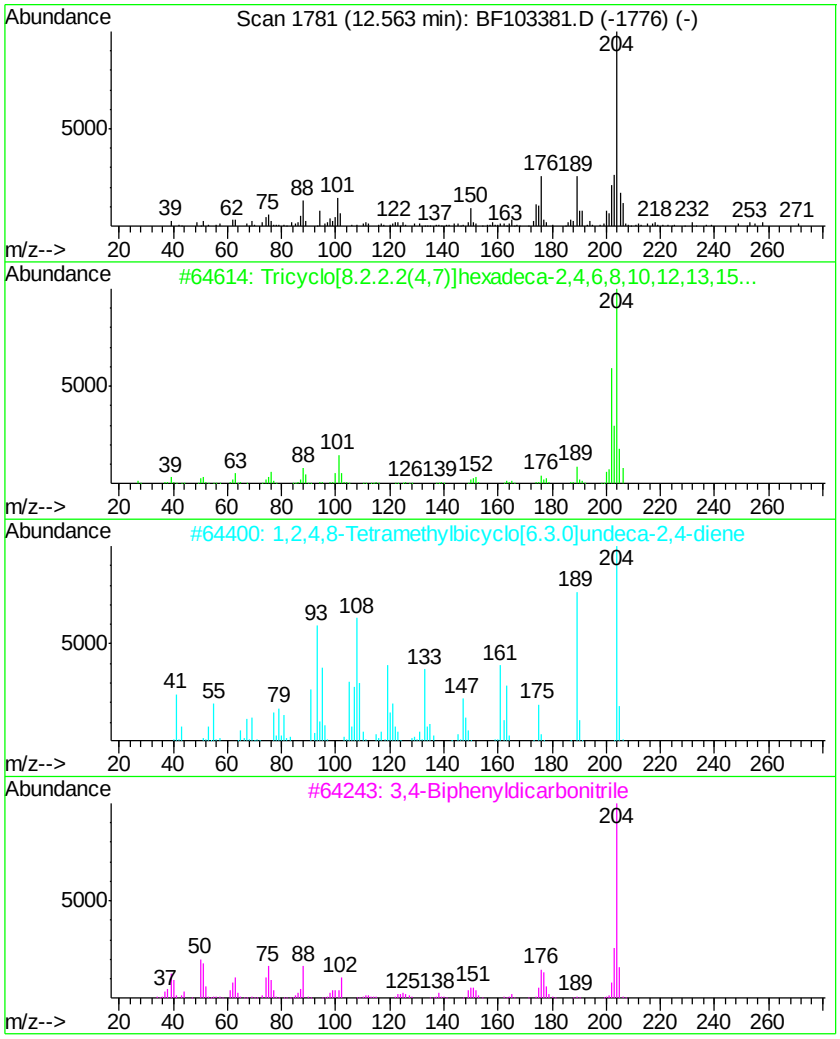
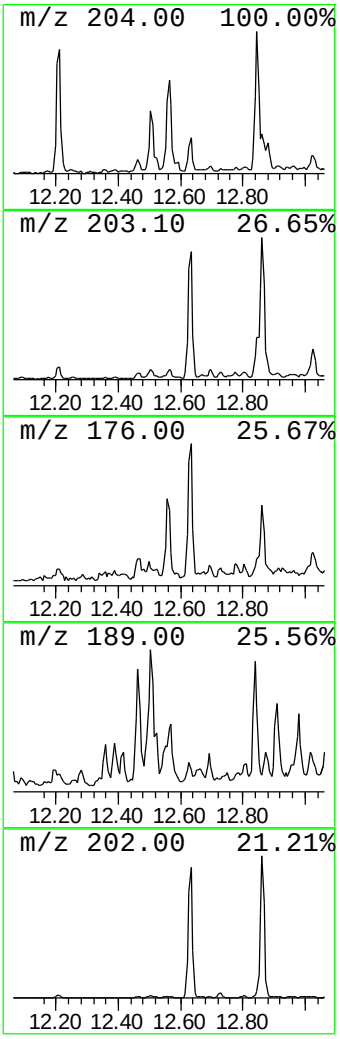
Peak Number 16 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.49 ng	137036	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
5	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	50





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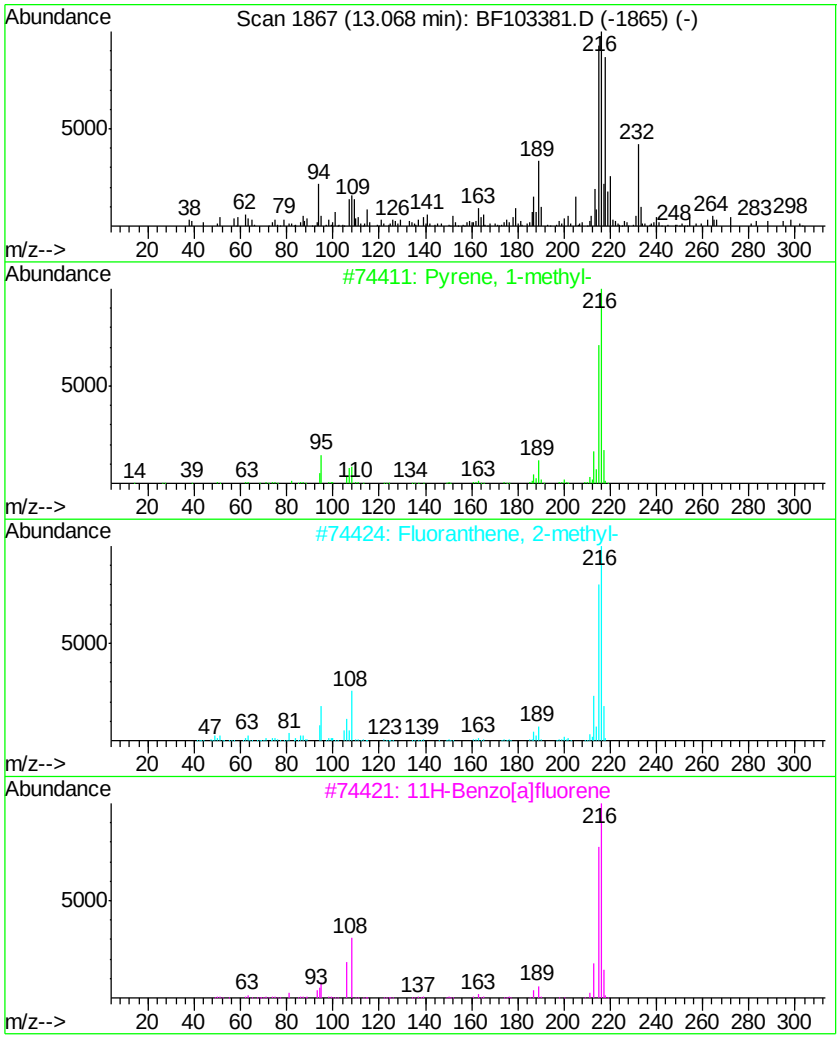
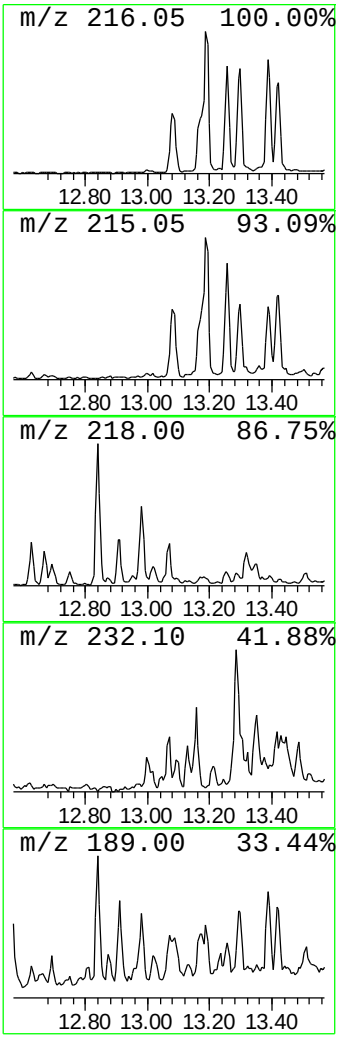
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.31 ng	219855	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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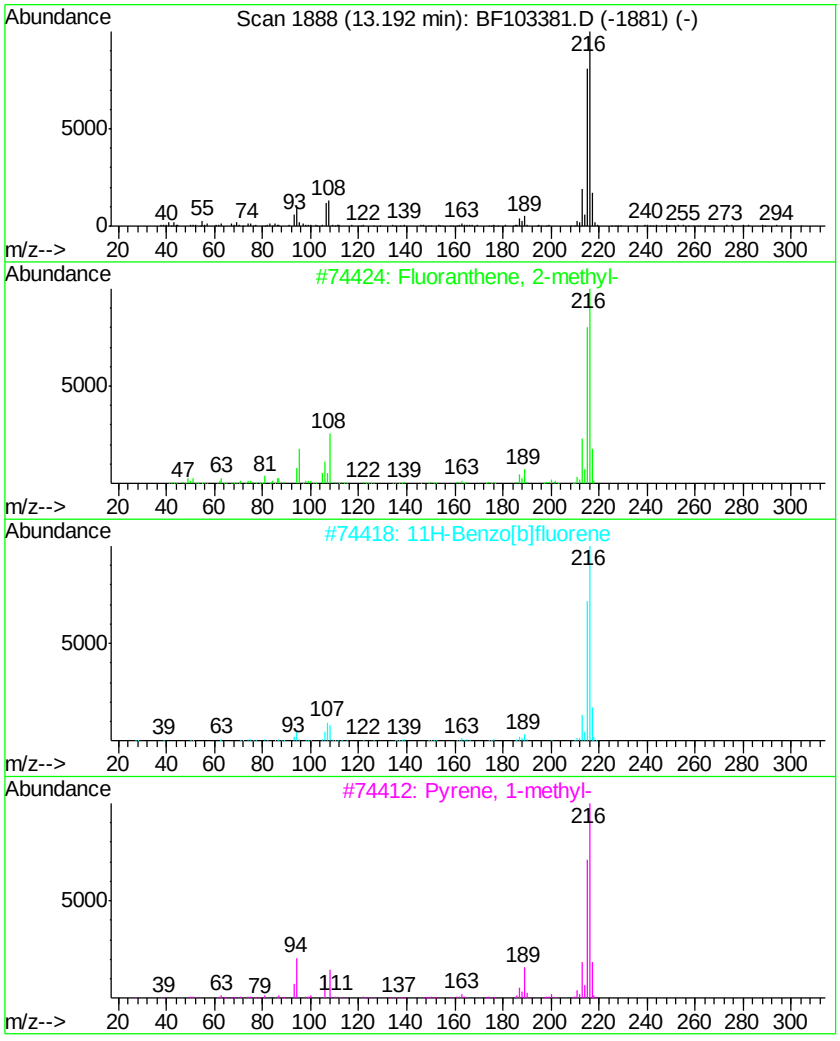
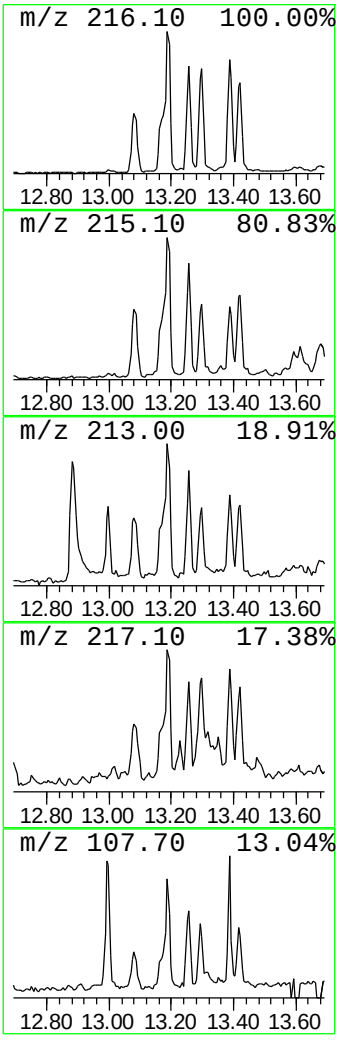
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.06 ng	402838	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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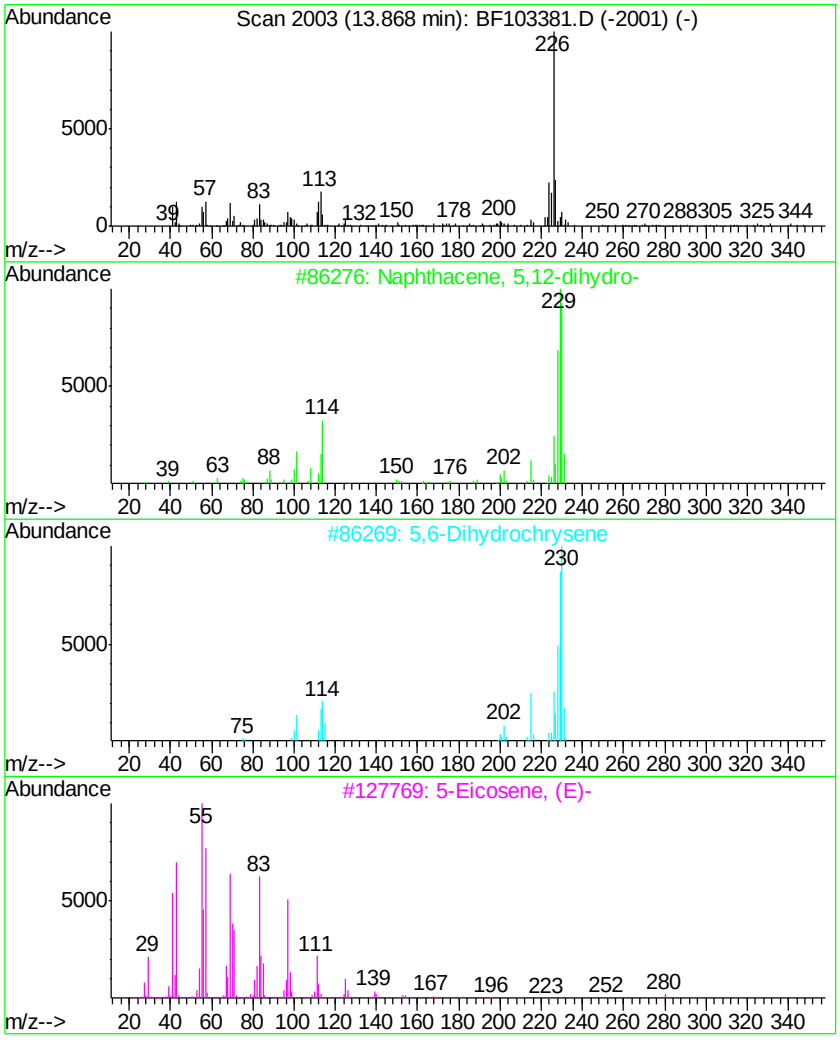
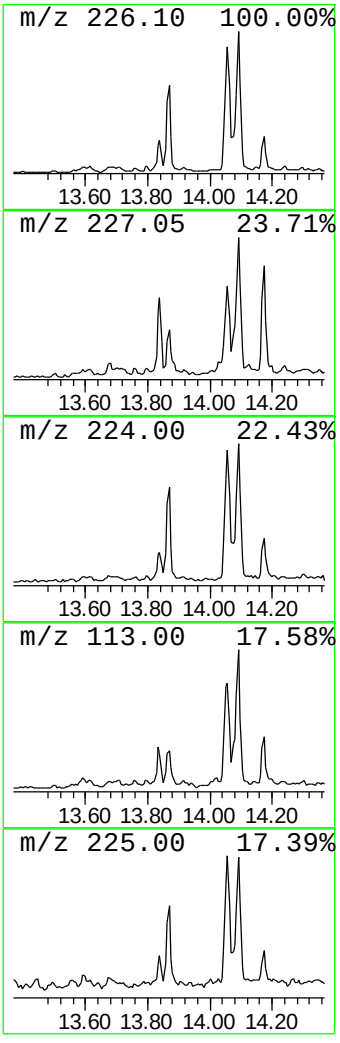
Peak Number 19 Naphthacene, 5,12-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.81 ng	253014	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	86
2	5,6-Dihydrochrysene	230	C18H14	002091-92-1	74
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	59
4	Benzonitrile, 3-(2-cyano-2-phenv...	230	C16H10N2	147728-29-8	30
5	Cyclotetracosane	336	C24H48	000297-03-0	25





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ALS Vial : 17 Sample Multiplier: 1

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

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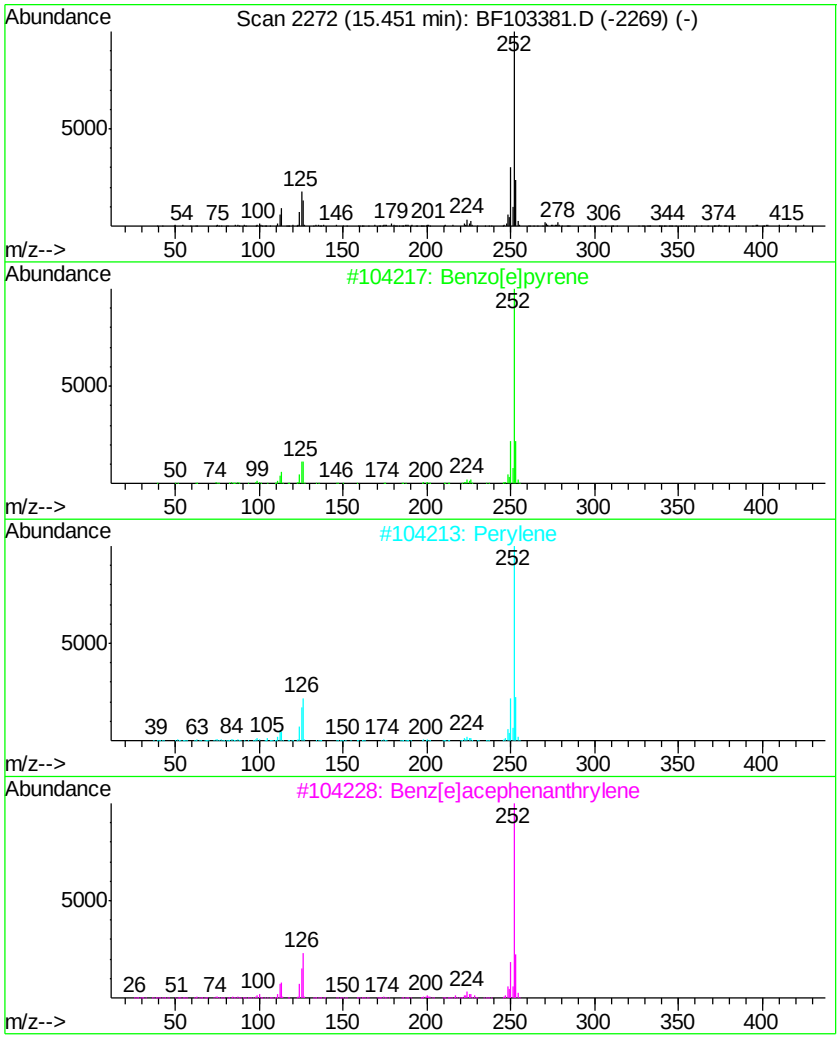
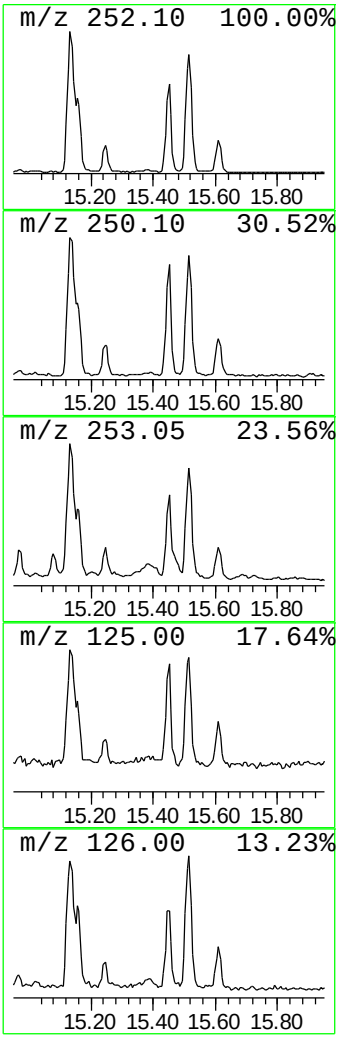
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	17.32 ng	261717	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103381.D
Acq On : 2 Mar 2018 22:22
Operator : SJ/JU
Sample : J1721-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.15	7.5	ng	356539	1	6.87	954440	20.0
2-Pentanone, 4-hy...	5.12	2.8	ng	131116	1	6.87	954440	20.0
unknown6.65	6.65	69.5	ng	3314460	1	6.87	954440	20.0
Hexadecane	9.30	2.4	ng	109054	3	9.92	910052	20.0
Pentadecane	10.33	6.2	ng	279782	3	9.92	910052	20.0
Dodecane, 2-methy...	10.55	3.3	ng	149749	3	9.92	910052	20.0
Sulfurous acid, 2...	10.80	9.0	ng	353084	4	11.41	785563	20.0
unknown11.26	11.26	3.0	ng	116026	4	11.41	785563	20.0
Anthracene, 2-met...	11.92	4.5	ng	178689	4	11.41	785563	20.0
Phenanthrene, 1-m...	11.94	4.2	ng	165701	4	11.41	785563	20.0
4H-Cyclopenta[def...	12.03	7.5	ng	295875	4	11.41	785563	20.0
Phenanthrene, 2,5...	12.46	6.9	ng	271865	4	11.41	785563	20.0
9,10-Bis(bromomet...	12.50	2.5	ng	97692	4	11.41	785563	20.0
Tricyclo[8.2.2.2(...	12.56	3.5	ng	137036	4	11.41	785563	20.0
Pyrene, 1-methyl-	13.07	3.3	ng	219855	5	14.07	1328870	20.0
Fluoranthene, 2-m...	13.19	6.1	ng	402838	5	14.07	1328870	20.0
Naphthacene, 5,12...	13.87	3.8	ng	253014	5	14.07	1328870	20.0
Benzo[e]pyrene	15.45	17.3	ng	261717	6	15.58	302266	20.0