LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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	2.116	3	5	11	rVB	174530	211720	7.46%	0.752%
2	5.104	510	513	521	rBV	43496	71177	2.51%	0.253%
3	5.504	577	581	615	rBV	1840806	2758580	97.26%	9.795%
4	6.516	749	753	771	rBV	2032814	2836301	100.00%	10.071%
5	6.645	771	775	802	rVB	2392494	2678095	94.42%	9.509%
6	6.875	810	814	821	rBV	681880	744865	26.26%	2.645%
7	7.028	836	840	855	rBV	1886690	1871946	66.00%	6.647%
8	7.440	906	910	927	rBV	1478611	1680407	59.25%	5.967%
9	8.157	1028	1032	1052	rBV	874406	1084161	38.22%	3.850%
10	8.875	1151	1154	1158	rBV	41293	44413	1.57%	0.158%
11	9.228	1210	1214	1223	rBV	2466335	2345187	82.68%	8.327%
12	9.298	1223	1226	1229	rVB2	38780	36049	1.27%	0.128%
13	9.504	1257	1261	1265	rBV3	18629	30751	1.08%	0.109%
14	9.575	1268	1273	1275	rVV4	22041	29918	1.05%	0.106%
15	9.610	1276	1279	1283	rVB5	23095	33718	1.19%	0.120%
16	9.781	1303	1308	1312	rBV	51005	70463	2.48%	0.250%
17	9.828	1312	1316	1318	rVB	35186	35602	1.26%	0.126%
18	9.916	1327	1331	1334	rBV	1023211	937932	33.07%	3.330%
19	9.945	1334	1336	1344	rVB	148188	149822	5.28%	0.532%
20	10.122	1362	1366	1369	rBV2	63045	72447	2.55%	0.257%
21	10.233	1381	1385	1387	rBV2	26940	37073	1.31%	0.132%
22	10.328	1397	1401	1405	rVB2	72133	71135	2.51%	0.253%
23	10.469	1421	1425	1430	rVB	90760	100900	3.56%	0.358%
24	10.551	1433	1439	1441	rBV3	46724	72112	2.54%	0.256%
25	10.628	1449	1452	1455	rVB3	29113	30615	1.08%	0.109%
26	10.710	1462	1466	1478	rBV	1082455	1192854	42.06%	4.236%
27	10.804	1478	1482	1492	rVB2	78024	141543	4.99%	0.503%
28	11.016	1516	1518	1521	rVB3	26618	28621	1.01%	0.102%
29	11.139	1534	1539	1541	rBV6	22314	39322	1.39%	0.140%
30	11.163	1541	1543	1549	rVV6	24340	33842	1.19%	0.120%
31	11.222	1549	1553	1555	rVV	35184	39981	1.41%	0.142%
32	11.251	1555	1558	1561	rVV3	74127	80066	2.82%	0.284%
33	11.304	1565	1567	1572	rVB	47662	50996	1.80%	0.181%
34	11.410	1581	1585	1587	rBV	882829	811372	28.61%	2.881%

LSC Area Percent Report

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Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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	11.433	1587	1589	1594	rVV	773079	673838	23.76%	2.393%
36	11.486	1595	1598	1602	rVV	241296	227776	8.03%	0.809%
37	11.528	1602	1605	1608	rVB2	24325	29746	1.05%	0.106%
38	11.651	1621	1626	1629	rBV2	85284	105187	3.71%	0.373%
39	11.910	1668	1670	1673	rBV	78313	74556	2.63%	0.265%
40	11.939	1673	1675	1679	rVB2	132845	134861	4.75%	0.479%
41	11.986	1681	1683	1686	rVB	49071	47153	1.66%	0.167%
42	12.027	1686	1690	1692	rBV3	150497	171799	6.06%	0.610%
43	12.086	1697	1700	1705	rVB2	78512	78868	2.78%	0.280%
44	12.204	1718	1720	1723	rVV	67003	60184	2.12%	0.214%
45	12.280	1731	1733	1737	rVB3	50612	45487	1.60%	0.162%
46	12.463	1761	1764	1768	rBV2	69386	90636	3.20%	0.322%
47	12.563	1776	1781	1783	rBV2	43840	69054	2.43%	0.245%
48	12.633	1789	1793	1797	rBV	920008	889340	31.36%	3.158%
49	12.780	1816	1818	1826	rVB4	42824	84786	2.99%	0.301%
50	12.863	1829	1832	1837	rVV	896731	866575	30.55%	3.077%
51	12.910	1837	1840	1845	rVB	50913	59321	2.09%	0.211%
52	12.992	1850	1854	1858	rBV	1468384	1403029	49.47%	4.982%
53	13.069	1865	1867	1868	rBV	51134	42203	1.49%	0.150%
54	13.192	1881	1888	1893	rBV2	137439	228874	8.07%	0.813%
55	13.257	1896	1899	1902	rVB	93322	74449	2.62%	0.264%
56	13.392	1919	1922	1924	rBV	53810	54000	1.90%	0.192%
57	13.422	1925	1927	1931	rVV2	48006	58922	2.08%	0.209%
58	13.816	1992	1994	1996	rBV	62931	47233	1.67%	0.168%
59	13.839	1996	1998	2001	rVV	55056	46736	1.65%	0.166%
60	13.874	2001	2004	2009	rVV4	95356	129608	4.57%	0.460%
61	14.069	2032	2037	2039	rBV2	613210	873677	30.80%	3.102%
62	14.092	2039	2041	2045	rVB	307724	286382	10.10%	1.017%
63	14.174	2053	2055	2057	rBV	71549	63985	2.26%	0.227%
64	15.139	2216	2219	2222	rBV	195646	285355	10.06%	1.013%
65	15.521	2281	2284	2287	rVB	142959	156014	5.50%	0.554%
66	15.586	2292	2295	2299	rVB	237364	249055	8.78%	0.884%

Sum of corrected areas: 28162675

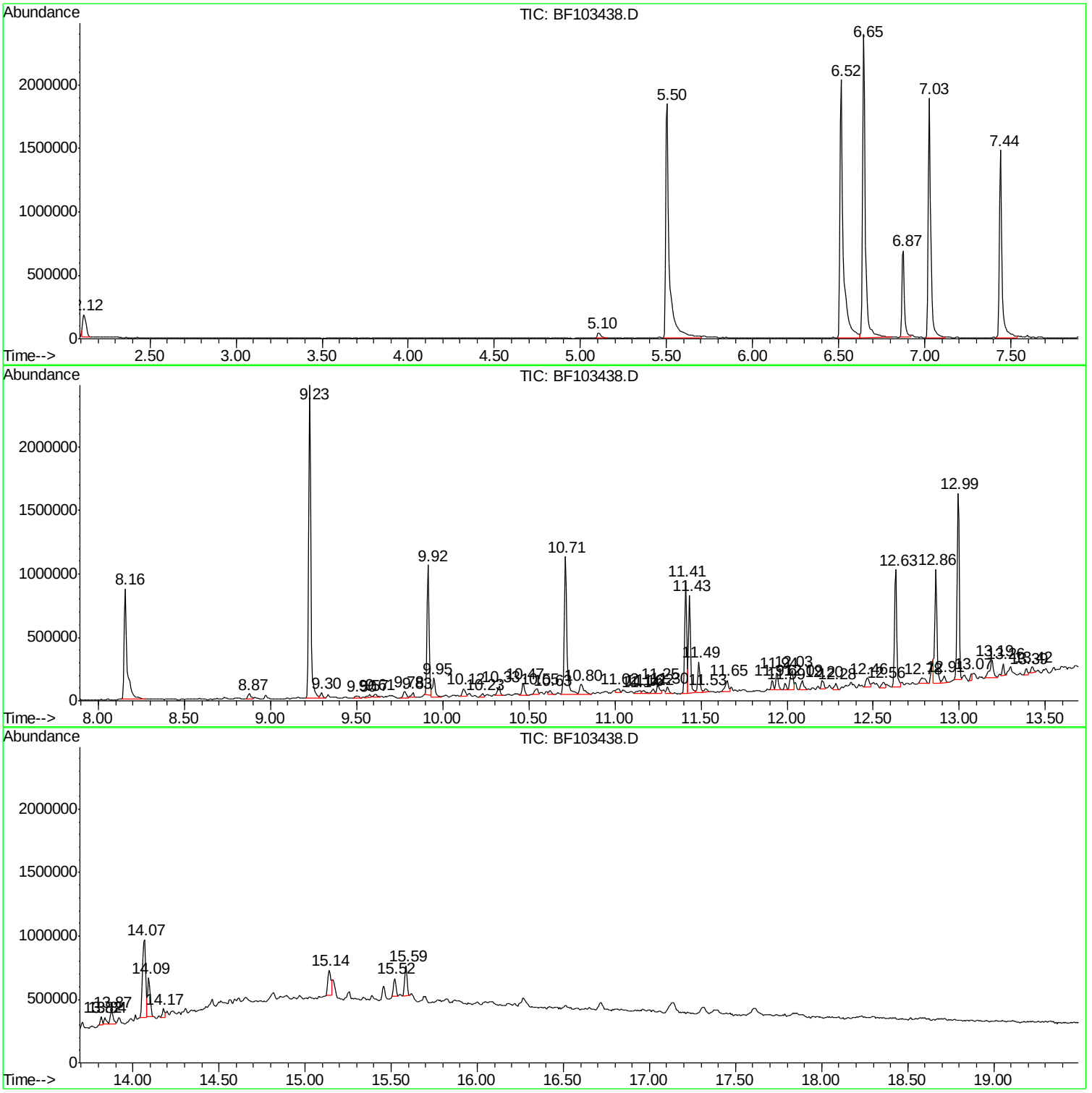
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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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Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
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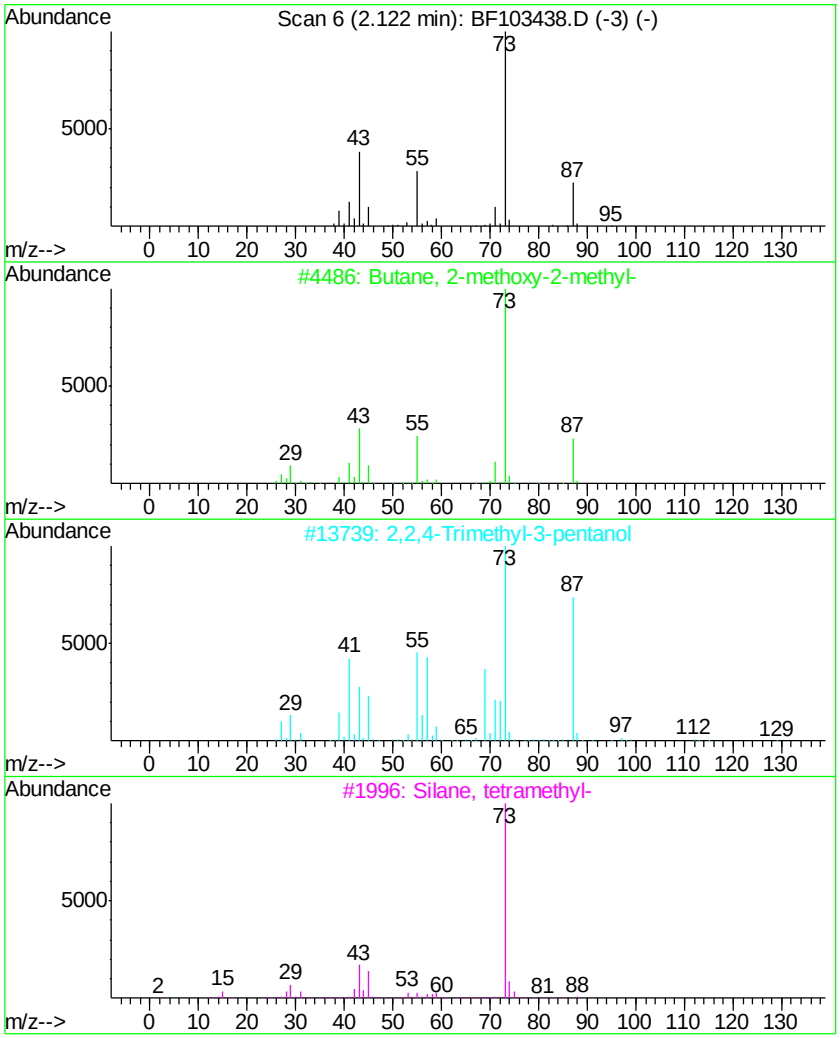
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

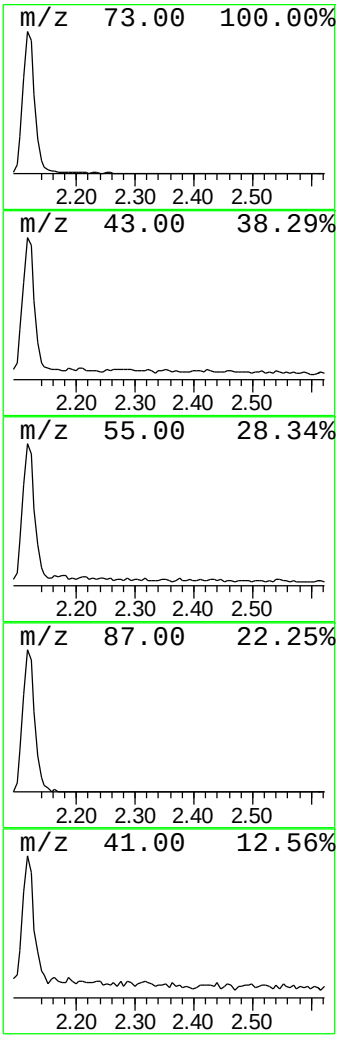
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.68 ng	211720	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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

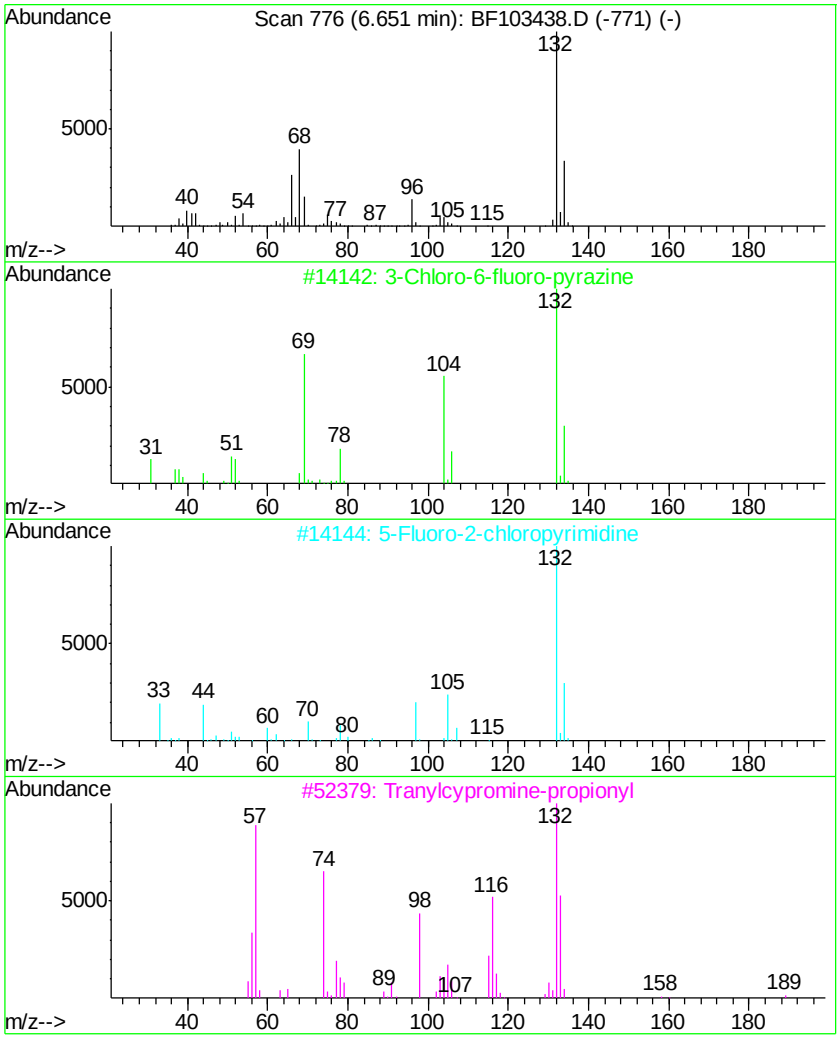
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

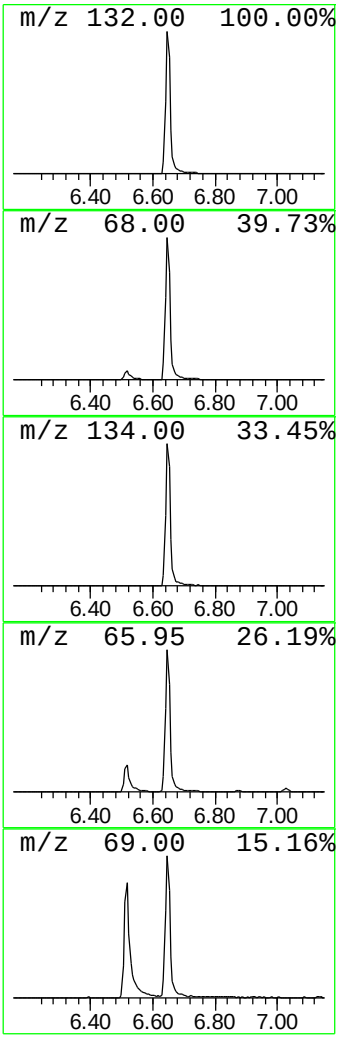
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.91 ng	2678100	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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





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Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
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Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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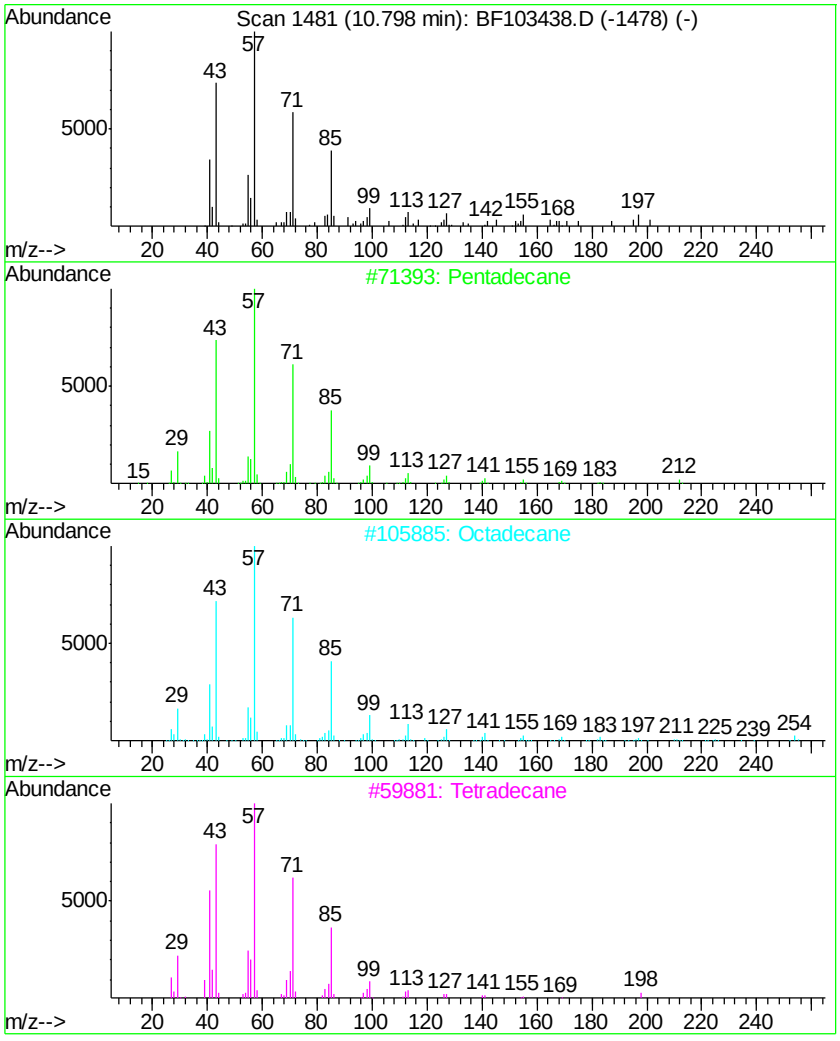
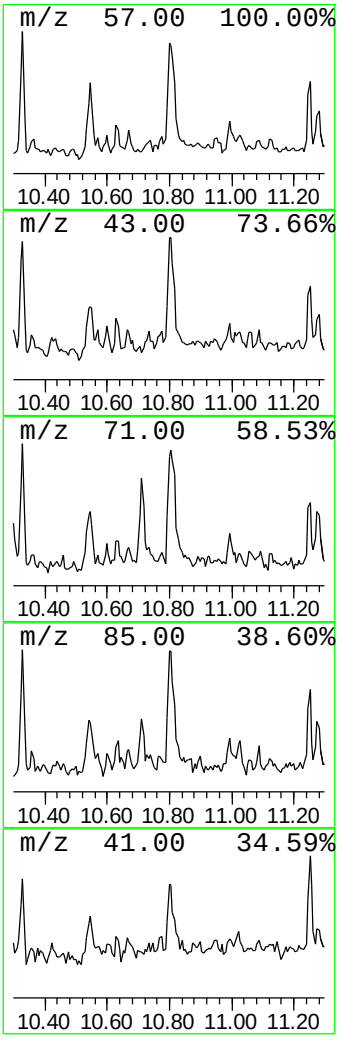
Peak Number 4 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.49 ng	141543	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Octadecane	254	C18H38	000593-45-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Docosane	310	C22H46	000629-97-0	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

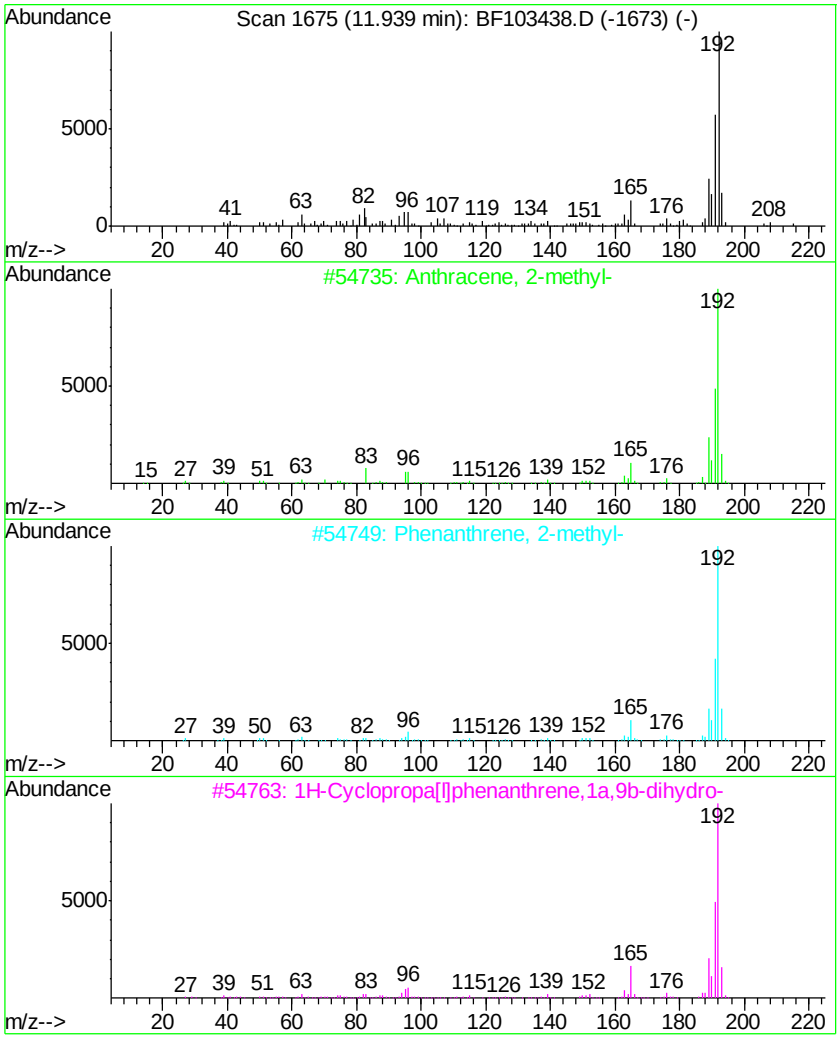
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

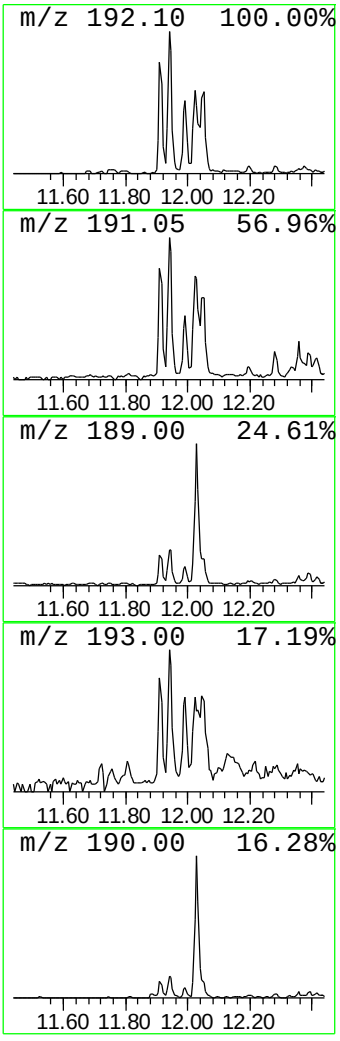
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.32 ng	134861	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

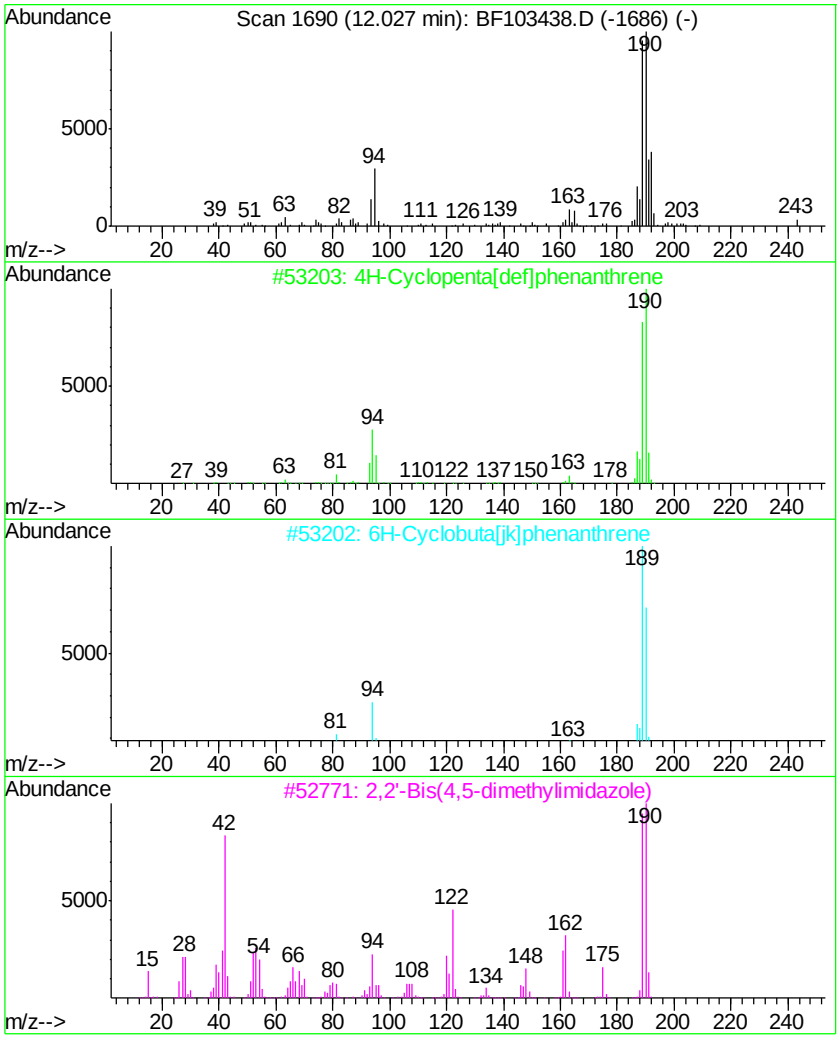
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

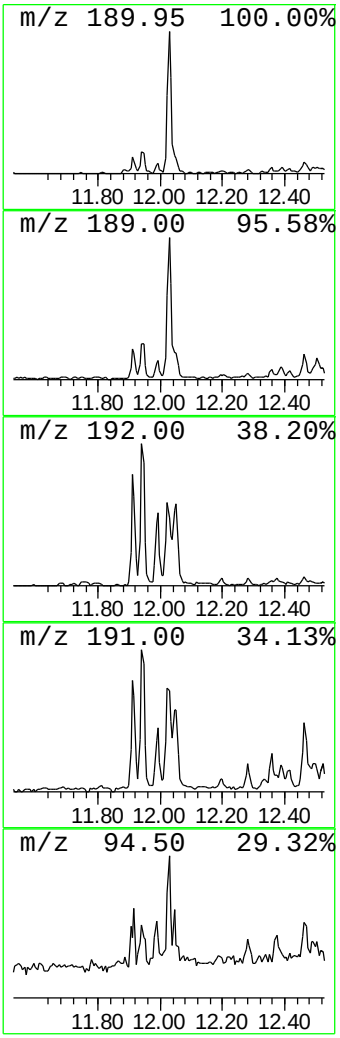
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.23 ng	171799	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25





Library Search Compound Report

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Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

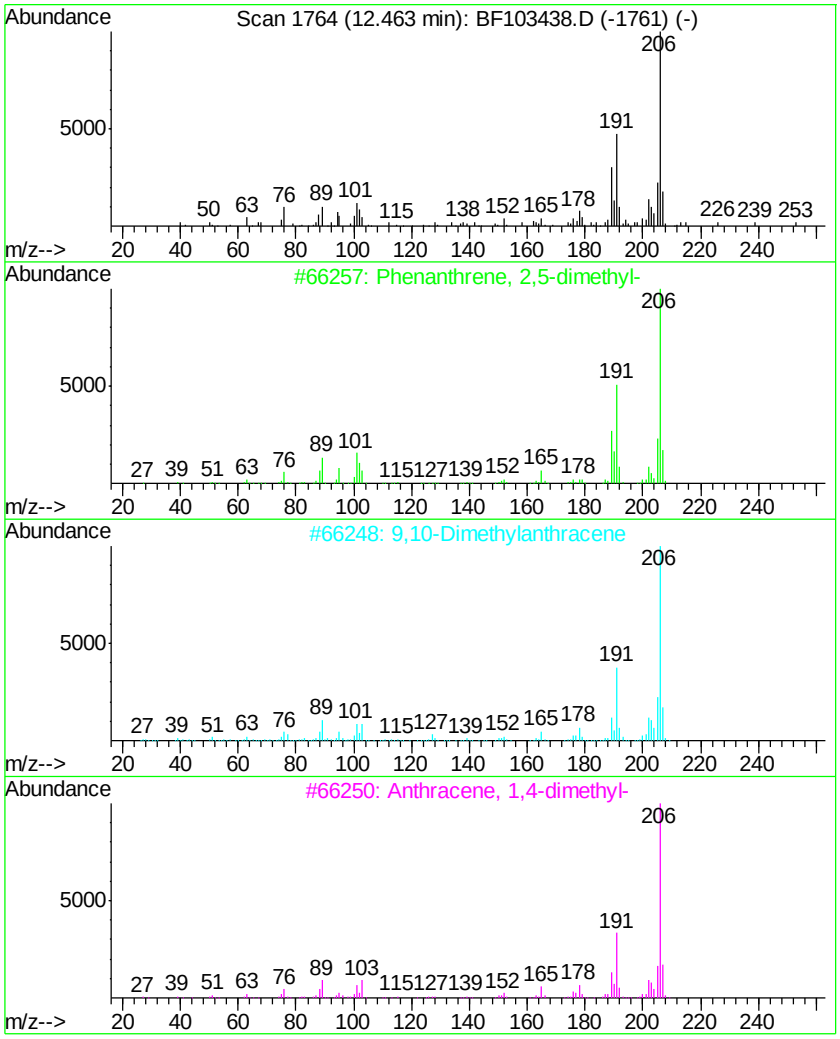
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

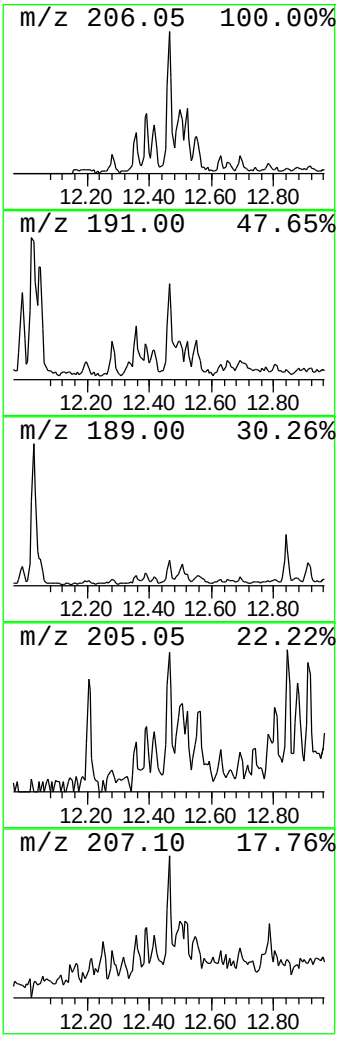
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.23 ng	90636	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	89





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

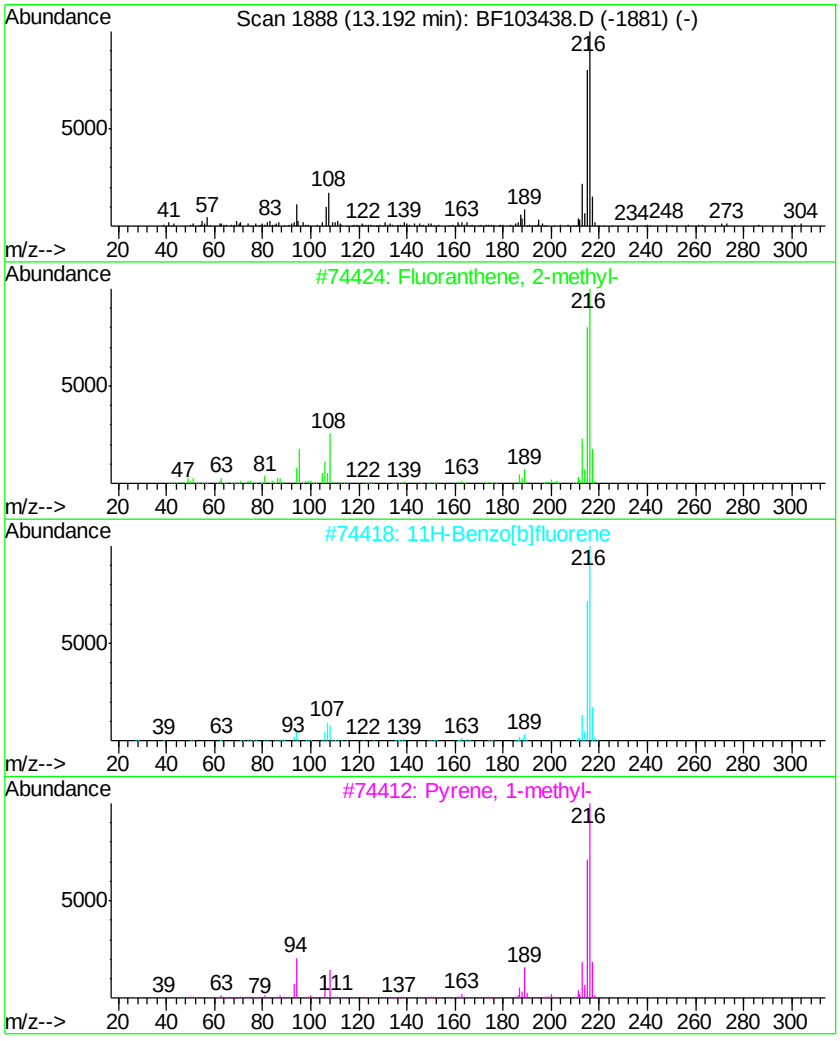
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

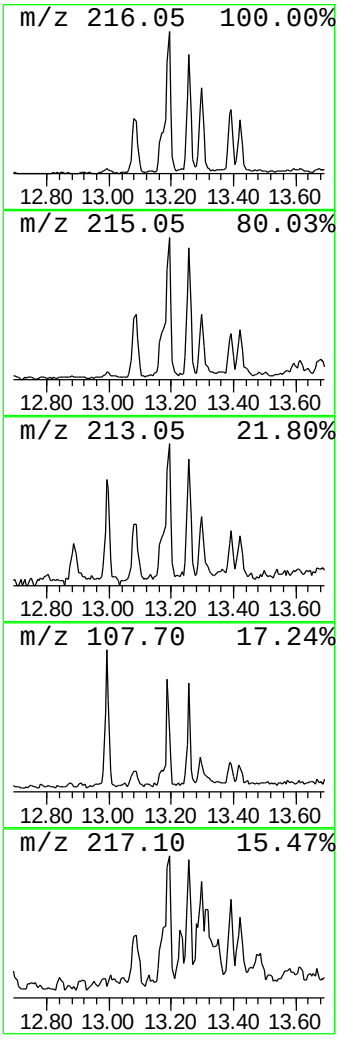
****

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.24 ng	228874	Chrysene-d12	14.07

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





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Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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

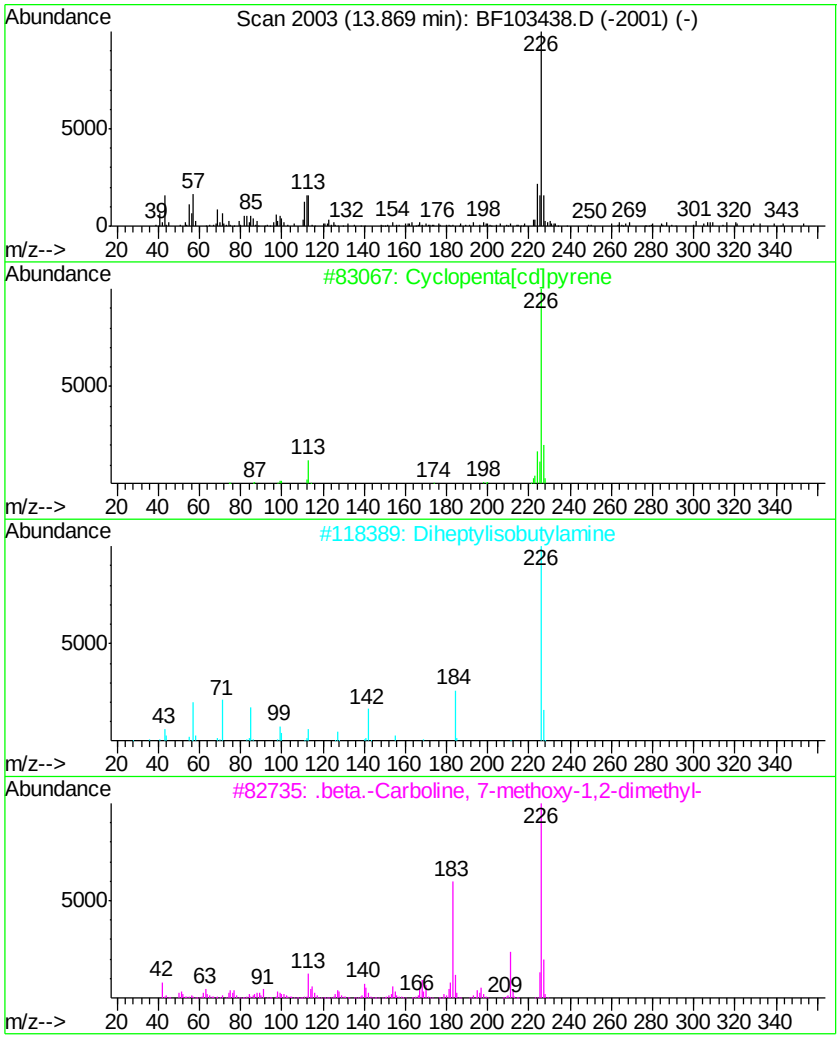
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

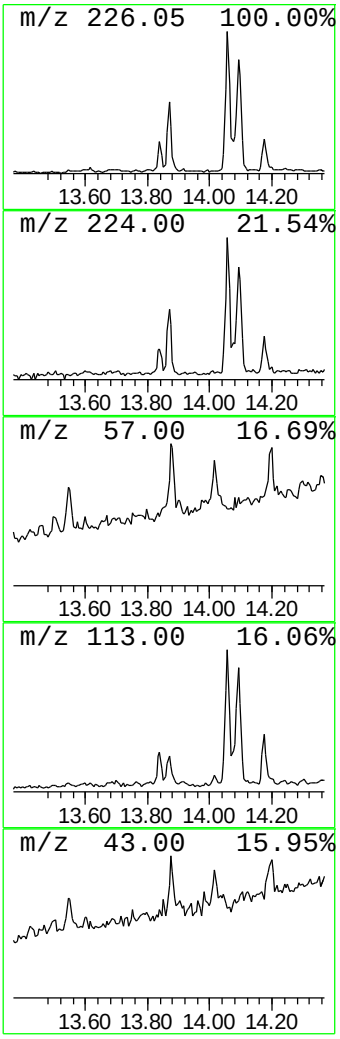
****

Peak Number 9 unknown13.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.97 ng	129608	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	27
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	22
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	22





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-45

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...	2.12	5.7	ng	211720	1	6.87	744865	20.0
unknown6.65	6.65	71.9	ng	2678100	1	6.87	744865	20.0
Pentadecane	10.80	3.5	ng	141543	4	11.41	811372	20.0
Anthracene, 2-met...	11.94	3.3	ng	134861	4	11.41	811372	20.0
4H-Cyclopenta[def...	12.03	4.2	ng	171799	4	11.41	811372	20.0
Phenanthrene, 2,5...	12.46	2.2	ng	90636	4	11.41	811372	20.0
Fluoranthene, 2-m...	13.19	5.2	ng	228874	5	14.07	873677	20.0
unknown13.87	13.87	3.0	ng	129608	5	14.07	873677	20.0