LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106308.D
Acq On : 11 Jun 2018 21:22
Operator : JU/SJ
Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	481	484	489	rVB	83824	78374	3.90%	0.321%
2	5.578	547	551	554	rBV	1078855	893695	44.50%	3.659%
3	6.578	717	721	724	rBV	1155462	916428	45.63%	3.752%
4	6.731	744	747	751	rVB	1128664	943786	47.00%	3.864%
5	6.972	784	788	791	rVB	1507728	1273143	63.40%	5.213%
6	7.125	810	814	817	rBV	916646	718796	35.79%	2.943%
7	7.525	878	882	885	rBV	726809	553495	27.56%	2.266%
8	8.254	1002	1006	1009	rBV	2030157	1644486	81.89%	6.734%
9	9.325	1184	1188	1191	rBV	1441365	1065656	53.06%	4.363%
10	9.401	1198	1201	1204	rBV2	52897	50783	2.53%	0.208%
11	9.719	1252	1255	1262	rVB	136702	128126	6.38%	0.525%
12	9.872	1278	1281	1283	rBV	43090	36806	1.83%	0.151%
13	9.925	1287	1290	1293	rVB2	33454	37497	1.87%	0.154%
14	10.013	1301	1305	1308	rBV	2026302	1705487	84.93%	6.983%
15	10.042	1308	1310	1313	rVB	110755	79625	3.96%	0.326%
16	10.213	1336	1339	1342	rVB	57833	50063	2.49%	0.205%
17	10.431	1369	1376	1378	rBV3	48363	59110	2.94%	0.242%
18	10.560	1394	1398	1404	rVB	121120	113135	5.63%	0.463%
19	10.648	1410	1413	1415	rVB	34914	31339	1.56%	0.128%
20	10.713	1422	1424	1428	rVB	28722	24798	1.23%	0.102%
21	10.795	1435	1438	1443	rVB	719298	562346	28.00%	2.303%
22	10.901	1453	1456	1457	rBV	53849	42028	2.09%	0.172%
23	11.107	1485	1491	1493	rBV3	39330	48644	2.42%	0.199%
24	11.230	1508	1512	1514	rBV4	24038	30028	1.50%	0.123%
25	11.254	1514	1516	1521	rVB4	24386	28350	1.41%	0.116%
26	11.348	1528	1532	1535	rBV4	42287	53525	2.67%	0.219%
27	11.395	1538	1540	1544	rVB	61734	53302	2.65%	0.218%
28	11.501	1554	1558	1560	rBV	1815212	1572846	78.32%	6.440%
29	11.525	1560	1562	1565	rVV	1113574	813769	40.52%	3.332%
30	11.578	1565	1571	1573	rVV	294020	253775	12.64%	1.039%
31	11.607	1573	1576	1578	rVV2	21921	21358	1.06%	0.087%
32	11.725	1593	1596	1602	rBV	53803	54659	2.72%	0.224%
33	11.830	1612	1614	1619	rVB2	21603	21365	1.06%	0.087%
34	12.001	1640	1643	1645	rBV	131791	120136	5.98%	0.492%

LSC Area Percent Report

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Acq On : 11 Jun 2018 21:22
Operator : JU/SJ
Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.030	1645	1648	1651	rVB	154320	130334	6.49%	0.534%
36	12.078	1653	1656	1659	rBV	62471	54659	2.72%	0.224%
37	12.119	1659	1663	1665	rBV2	237019	247756	12.34%	1.014%
38	12.295	1690	1693	1695	rBV	96559	78408	3.90%	0.321%
39	12.319	1695	1697	1700	rVB3	46488	42805	2.13%	0.175%
40	12.442	1717	1718	1721	rVB	26535	20877	1.04%	0.085%
41	12.477	1721	1724	1726	rBV	25473	22117	1.10%	0.091%
42	12.548	1733	1736	1739	rBV	66487	66007	3.29%	0.270%
43	12.589	1739	1743	1745	rVV4	41866	53999	2.69%	0.221%
44	12.636	1748	1751	1752	rBV	45754	38338	1.91%	0.157%
45	12.719	1761	1765	1768	rBV	1453306	1283266	63.90%	5.254%
46	12.872	1788	1791	1793	rBV	43891	39786	1.98%	0.163%
47	12.948	1801	1804	1809	rVB	1246714	1133138	56.43%	4.640%
48	12.989	1809	1811	1815	rBV2	51505	55114	2.74%	0.226%
49	13.083	1821	1827	1830	rBV	1032706	932103	46.41%	3.817%
50	13.160	1836	1840	1844	rBV2	79371	123050	6.13%	0.504%
51	13.248	1852	1855	1856	rBV3	61681	64756	3.22%	0.265%
52	13.272	1856	1859	1862	rVB	250141	222691	11.09%	0.912%
53	13.336	1868	1870	1873	rVB	222399	185546	9.24%	0.760%
54	13.377	1873	1877	1880	rBV2	142335	157964	7.87%	0.647%
55	13.401	1880	1881	1884	rVB2	44858	34690	1.73%	0.142%
56	13.472	1891	1893	1895	rBV	63288	45806	2.28%	0.188%
57	13.501	1896	1898	1901	rVB	54756	46504	2.32%	0.190%
58	13.895	1963	1965	1967	rVB	81710	57064	2.84%	0.234%
59	13.924	1967	1970	1972	rBV	98750	85239	4.24%	0.349%
60	13.948	1972	1974	1975	rBV	78728	63292	3.15%	0.259%
61	14.148	2003	2008	2010	rBV2	1657343	2008211	100.00%	8.223%
62	14.171	2010	2012	2017	rVB	589691	520567	25.92%	2.132%
63	14.254	2024	2026	2029	rBV	163222	130596	6.50%	0.535%
64	15.224	2187	2191	2194	rBV	428673	612707	30.51%	2.509%
65	15.548	2243	2246	2252	rVB	230950	279982	13.94%	1.146%
66	15.613	2253	2257	2263	rBV	350263	424613	21.14%	1.739%
67	15.677	2264	2268	2272	rBV2	800421	1079605	53.76%	4.421%

Sum of corrected areas: 24422349

LSC Report - Integrated Chromatogram

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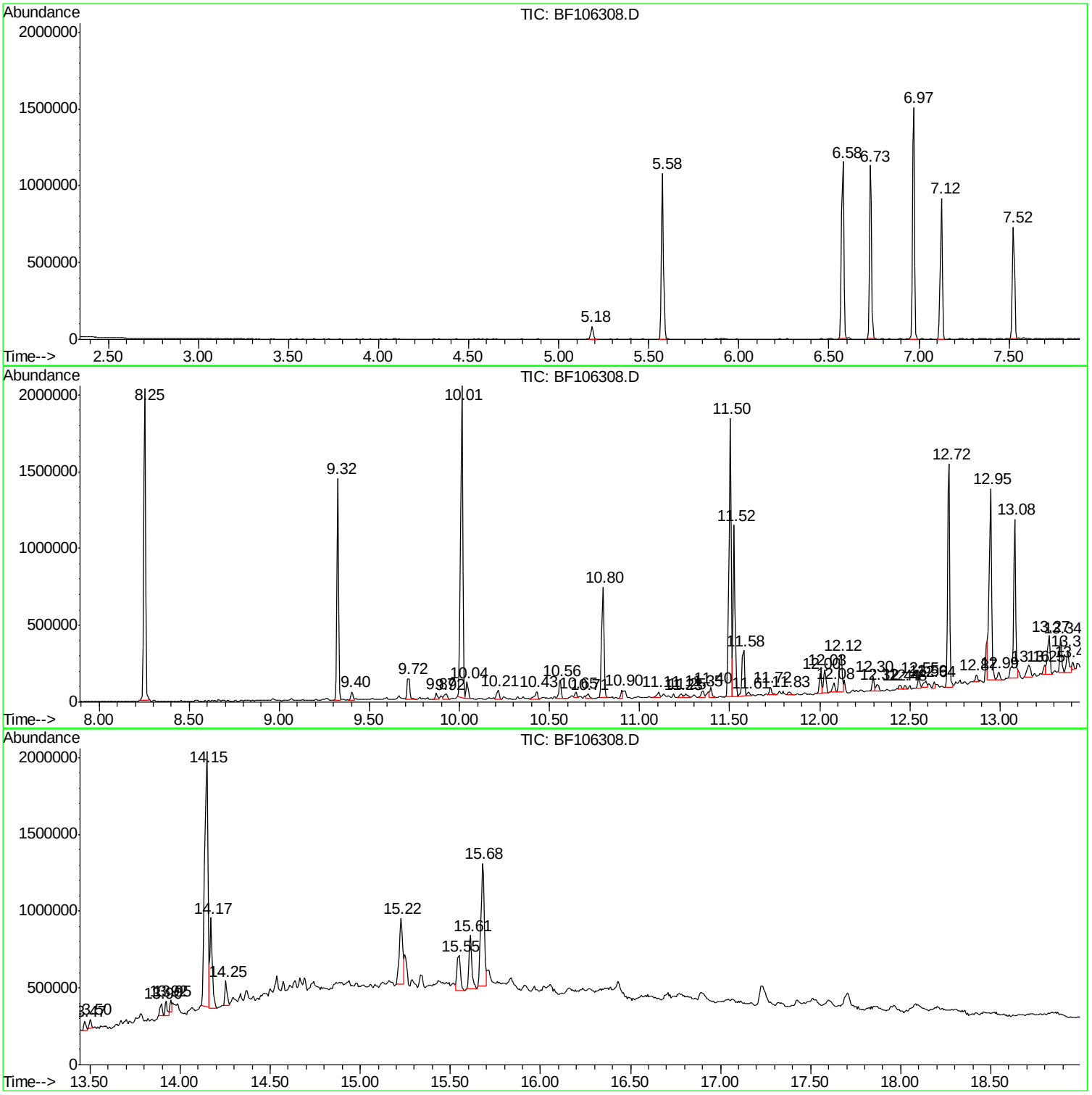
Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

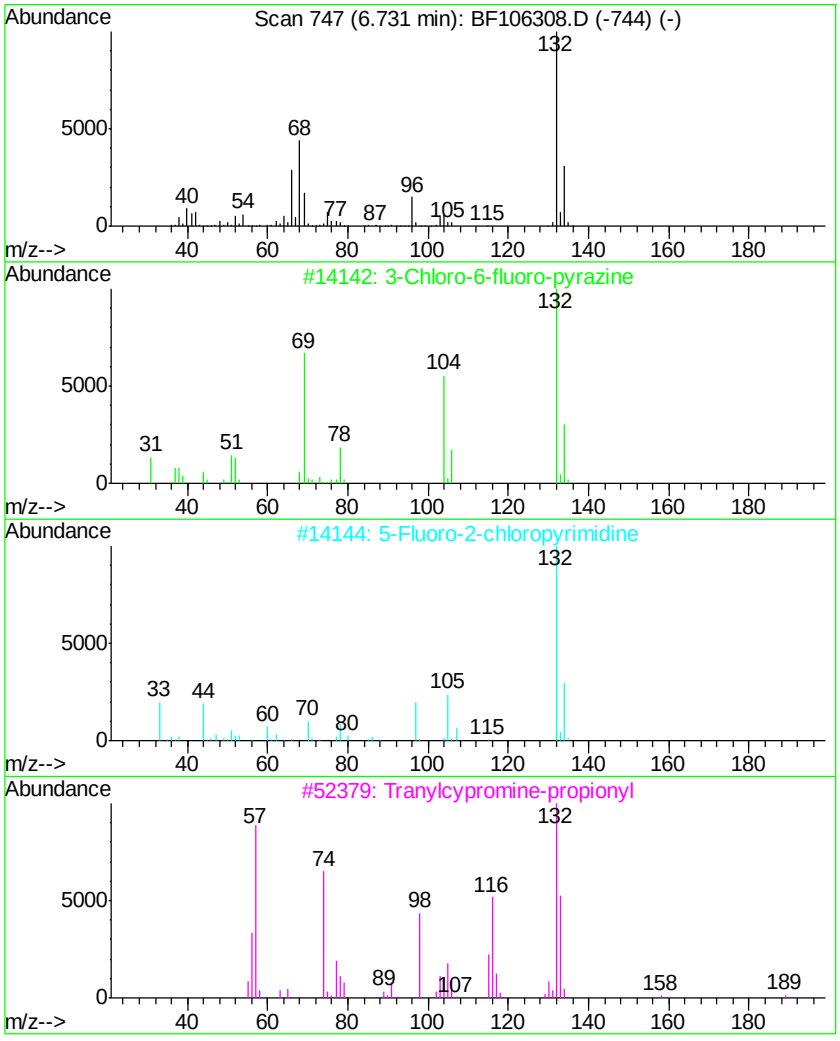
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

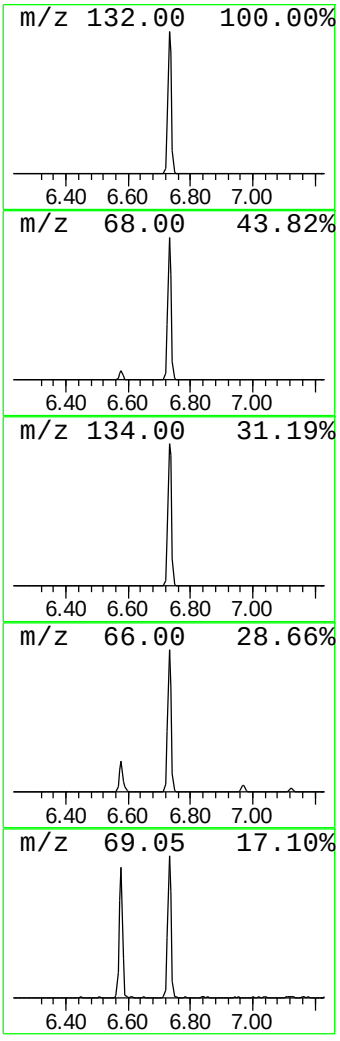
****

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	14.83 ng	943786	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Acq On : 11 Jun 2018 21:22
Operator : JU/SJ
Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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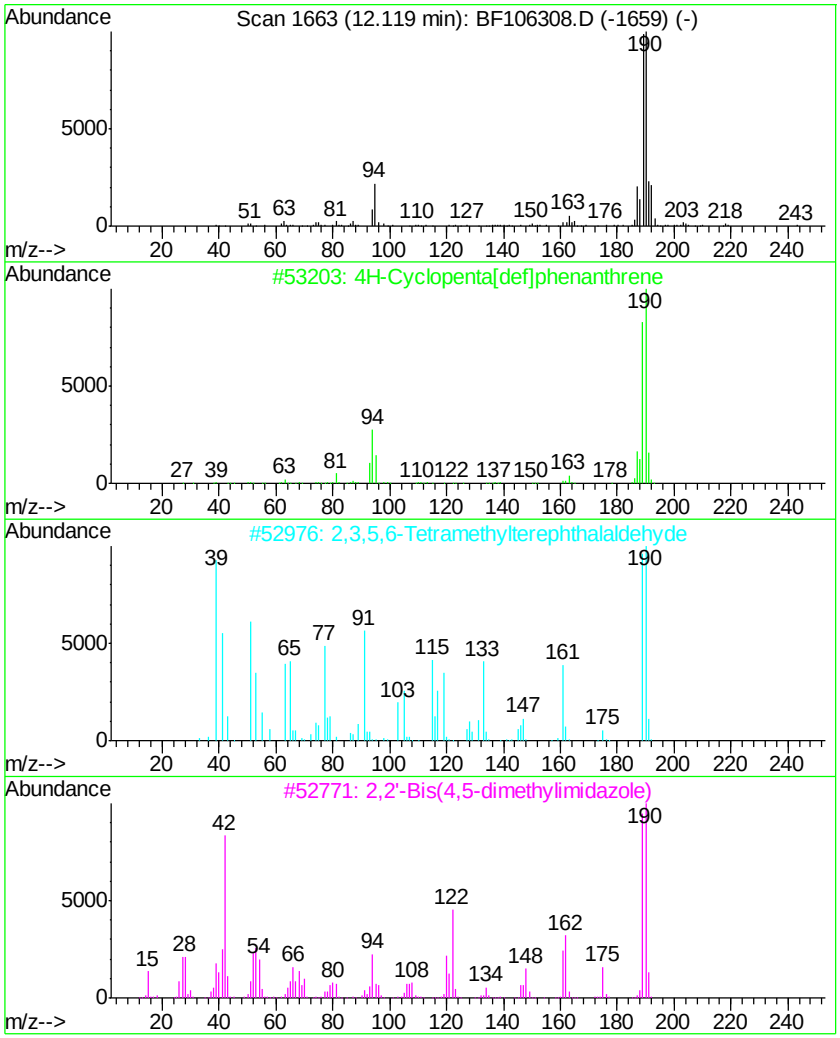
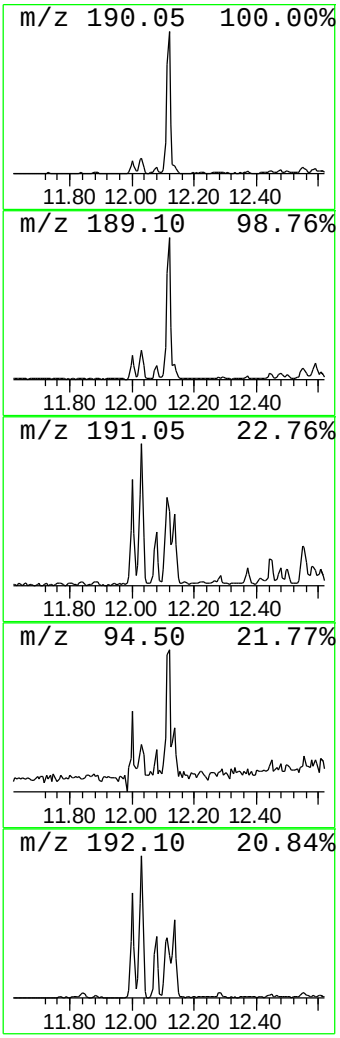
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.15 ng	247756	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106308.D
Acq On : 11 Jun 2018 21:22
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Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

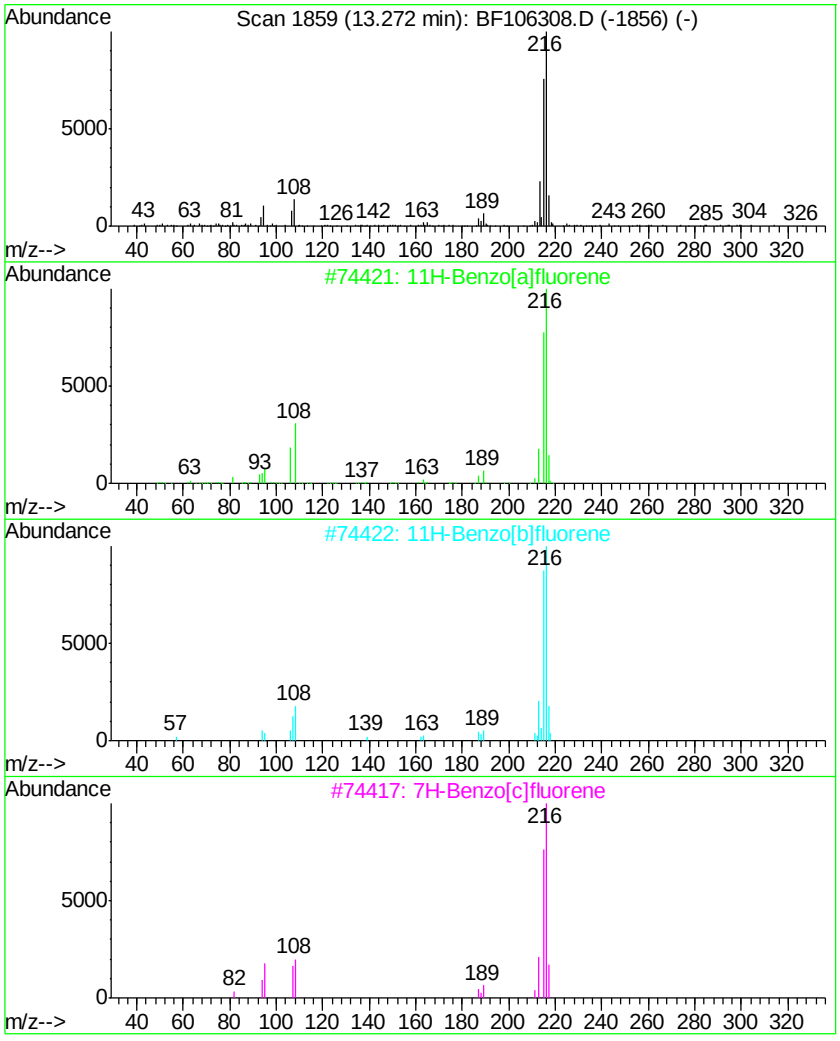
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

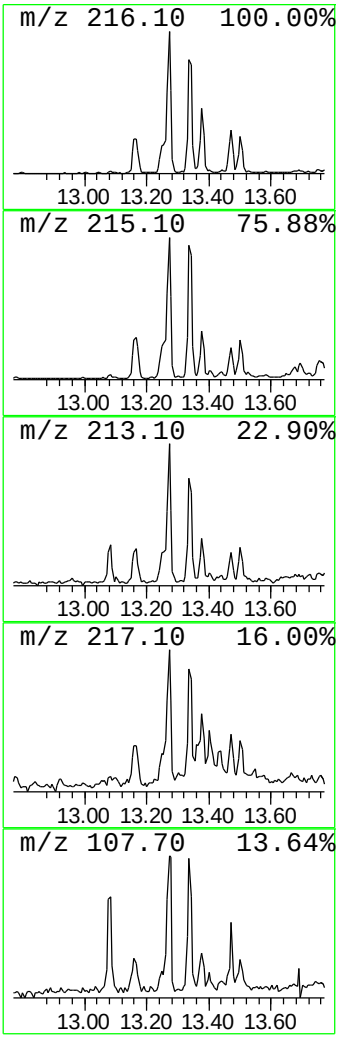
****

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.22 ng	222691	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106308.D
Acq On : 11 Jun 2018 21:22
Operator : JU/SJ
Sample : J2932-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-DB-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

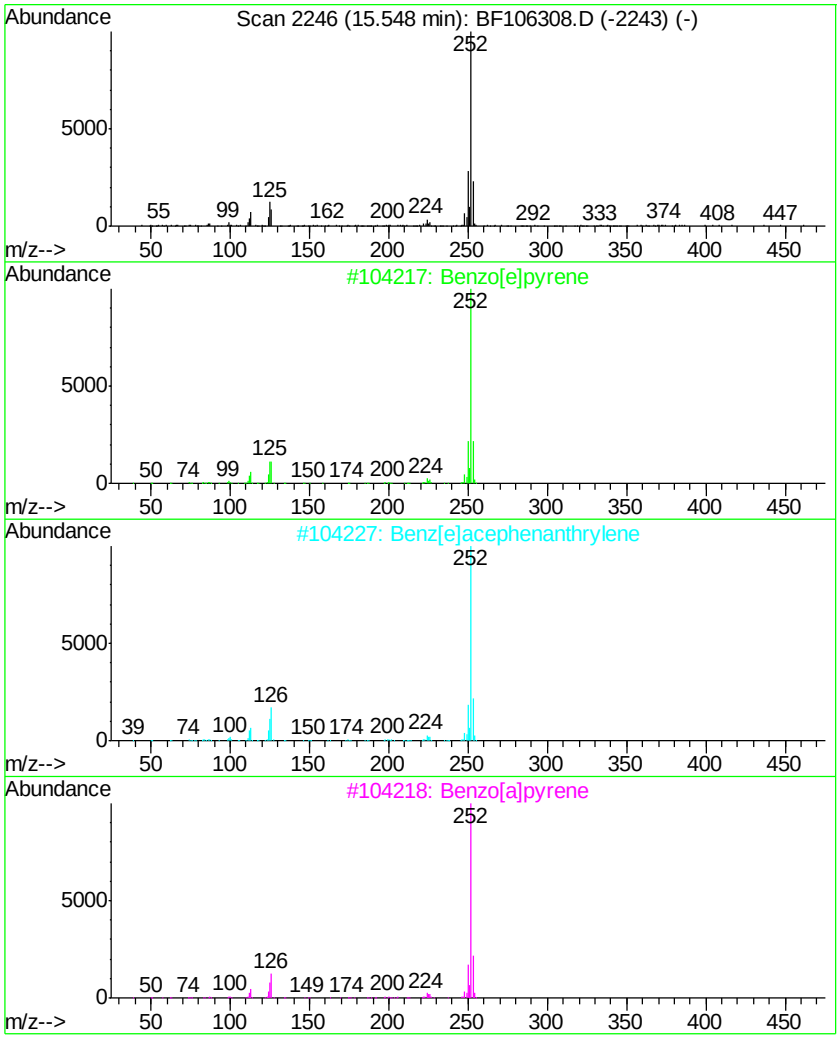
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

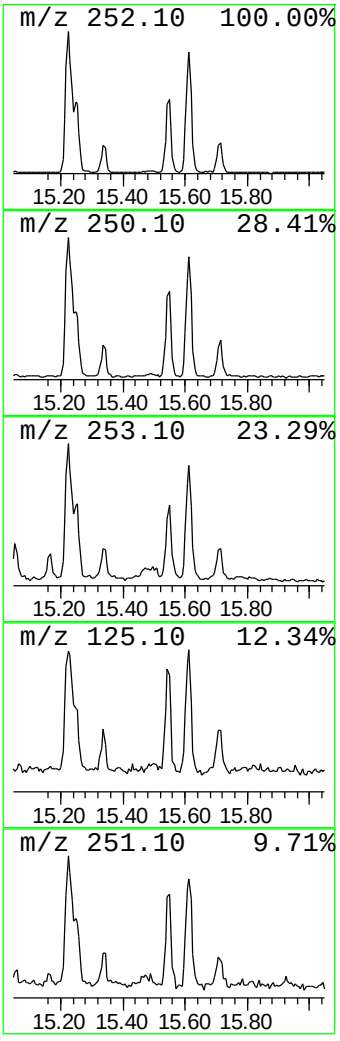
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.19 ng	279982	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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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
unknown6.73	6.73	14.8	ng	943786	1	6.97	1273140	20.0
4H-Cyclopenta[def...	12.12	3.1	ng	247756	4	11.50	1572850	20.0
11H-Benzo[a]fluorene	13.27	2.2	ng	222691	5	14.15	2008210	20.0
Benzo[e]pyrene	15.55	5.2	ng	279982	6	15.68	1079610	20.0