LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

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-BF090518.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	4.919	437	439	446	rVB	26532	26770	1.25%	0.125%
2	5.337	507	510	524	rVB	718842	686967	31.99%	3.214%
3	6.360	681	684	693	rBV	870626	720010	33.53%	3.368%
4	6.501	705	708	712	rBV	932729	732253	34.10%	3.426%
5	6.737	745	748	752	rBV	1361128	1162378	54.13%	5.438%
6	6.895	771	775	778	rBV	751699	585717	27.28%	2.740%
7	7.290	839	842	846	rBV	504905	421509	19.63%	1.972%
8	8.019	963	966	969	rBV	1842289	1458410	67.92%	6.823%
9	8.042	969	970	972	rVB	98584	45100	2.10%	0.211%
10	9.095	1145	1149	1152	rBV	992600	815980	38.00%	3.817%
11	9.483	1212	1215	1221	rBV	169355	145315	6.77%	0.680%
12	9.631	1236	1240	1243	rBV	70529	61917	2.88%	0.290%
13	9.772	1260	1264	1267	rBV	1609220	1416631	65.97%	6.628%
14	9.801	1267	1269	1273	rVB	80367	62462	2.91%	0.292%
15	9.972	1295	1298	1302	rVB	66812	51489	2.40%	0.241%
16	10.313	1353	1356	1363	rBV	120671	97210	4.53%	0.455%
17	10.548	1393	1396	1401	rVB2	414053	360758	16.80%	1.688%
18	10.683	1415	1419	1421	rBV4	20765	22378	1.04%	0.105%
19	10.860	1443	1449	1452	rBV3	22633	28338	1.32%	0.133%
20	11.142	1492	1497	1499	rBV3	40955	41151	1.92%	0.193%
21	11.248	1511	1515	1517	rBV	1529684	1279326	59.58%	5.985%
22	11.272	1517	1519	1522	rVV	706812	534393	24.89%	2.500%
23	11.319	1524	1527	1531	rVB	239726	193470	9.01%	0.905%
24	11.472	1551	1553	1557	rBV	45257	33925	1.58%	0.159%
25	11.654	1582	1584	1589	rVB2	53761	48621	2.26%	0.227%
26	11.748	1597	1600	1602	rBV	87957	75570	3.52%	0.354%
27	11.777	1602	1605	1609	rVV	132454	139414	6.49%	0.652%
28	11.825	1609	1613	1616	rVV2	53894	58716	2.73%	0.275%
29	11.860	1616	1619	1621	rVV	178895	178494	8.31%	0.835%
30	11.877	1621	1622	1627	rVB	58029	51410	2.39%	0.241%
31	12.042	1648	1650	1652	rBV	70153	54145	2.52%	0.253%
32	12.224	1678	1681	1683	rBV	25782	22974	1.07%	0.107%
33	12.295	1690	1693	1696	rBV	62758	63384	2.95%	0.297%
34	12.336	1696	1700	1702	rBV2	186246	174227	8.11%	0.815%

LSC Area Percent Report

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Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.360	1702	1704	1706	rVB	104422	85308	3.97%	0.399%
36	12.454	1716	1720	1724	rBV	1280268	1068014	49.74%	4.997%
37	12.548	1734	1736	1738	rBV	30566	26586	1.24%	0.124%
38	12.601	1743	1745	1750	rVB3	33143	42180	1.96%	0.197%
39	12.683	1753	1759	1761	rBV	987265	1094871	50.99%	5.122%
40	12.701	1761	1762	1765	rVV2	45480	32080	1.49%	0.150%
41	12.730	1765	1767	1773	rVB2	44380	56371	2.63%	0.264%
42	12.801	1776	1779	1780	rBV	78464	57172	2.66%	0.267%
43	12.824	1780	1783	1787	rVV	771078	674209	31.40%	3.154%
44	12.901	1791	1796	1799	rBV2	84488	118309	5.51%	0.553%
45	13.007	1811	1814	1818	rVB	198022	213464	9.94%	0.999%
46	13.077	1823	1826	1829	rBV	210891	181510	8.45%	0.849%
47	13.113	1829	1832	1835	rBV	132335	126474	5.89%	0.592%
48	13.207	1845	1848	1850	rVB	57014	45000	2.10%	0.211%
49	13.236	1850	1853	1856	rBV	66654	70803	3.30%	0.331%
50	13.624	1916	1919	1922	rBV2	96087	103388	4.81%	0.484%
51	13.654	1922	1924	1925	rVV	78754	52182	2.43%	0.244%
52	13.671	1925	1927	1932	rVB2	60907	95517	4.45%	0.447%
53	13.871	1956	1961	1964	rBV2	1725272	2147231	100.00%	10.046%
54	13.901	1964	1966	1968	rVB	574542	440018	20.49%	2.059%
55	13.977	1977	1979	1982	rVB	126273	93727	4.37%	0.438%
56	14.883	2130	2133	2136	rBV	504916	696266	32.43%	3.257%
57	14.983	2147	2150	2157	rVB2	235652	253436	11.80%	1.186%
58	15.165	2178	2181	2187	rVB	277100	352926	16.44%	1.651%
59	15.224	2188	2191	2195	rBV	394181	439928	20.49%	2.058%
60	15.289	2198	2202	2205	rBV	822893	957101	44.57%	4.478%

Sum of corrected areas: 21374883

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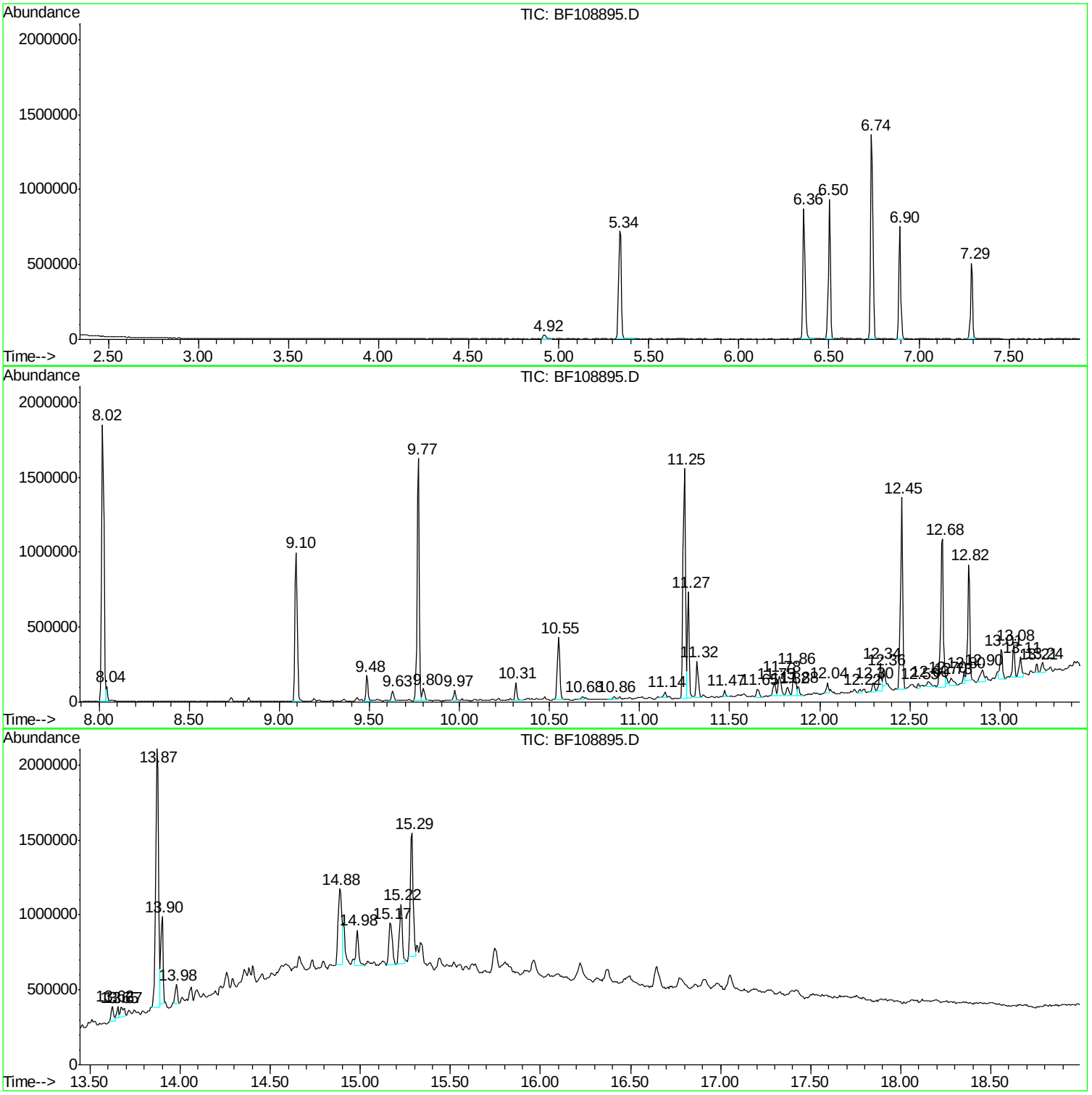
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

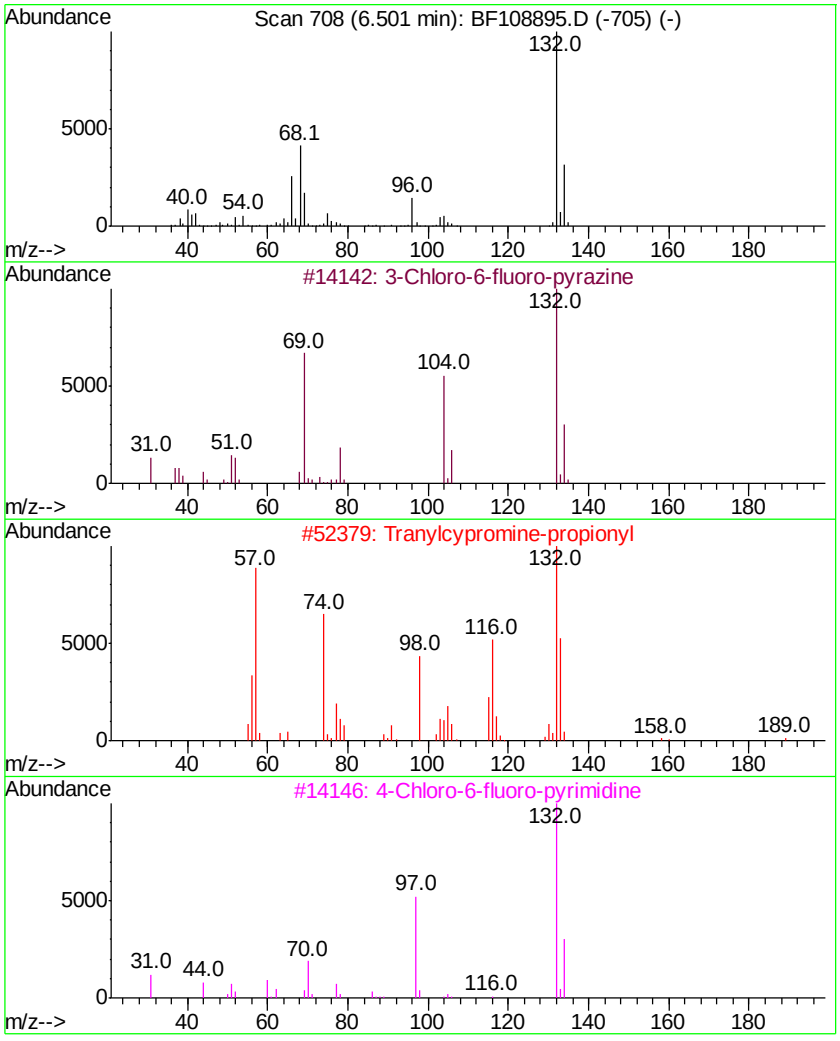
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

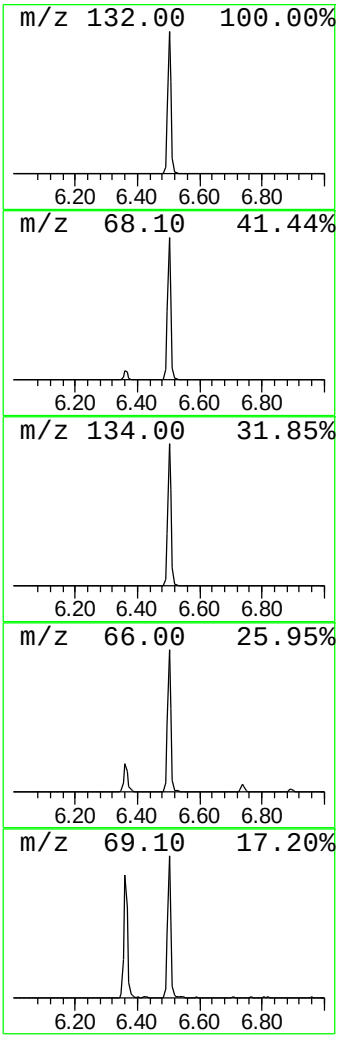
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	12.60 ng	732253	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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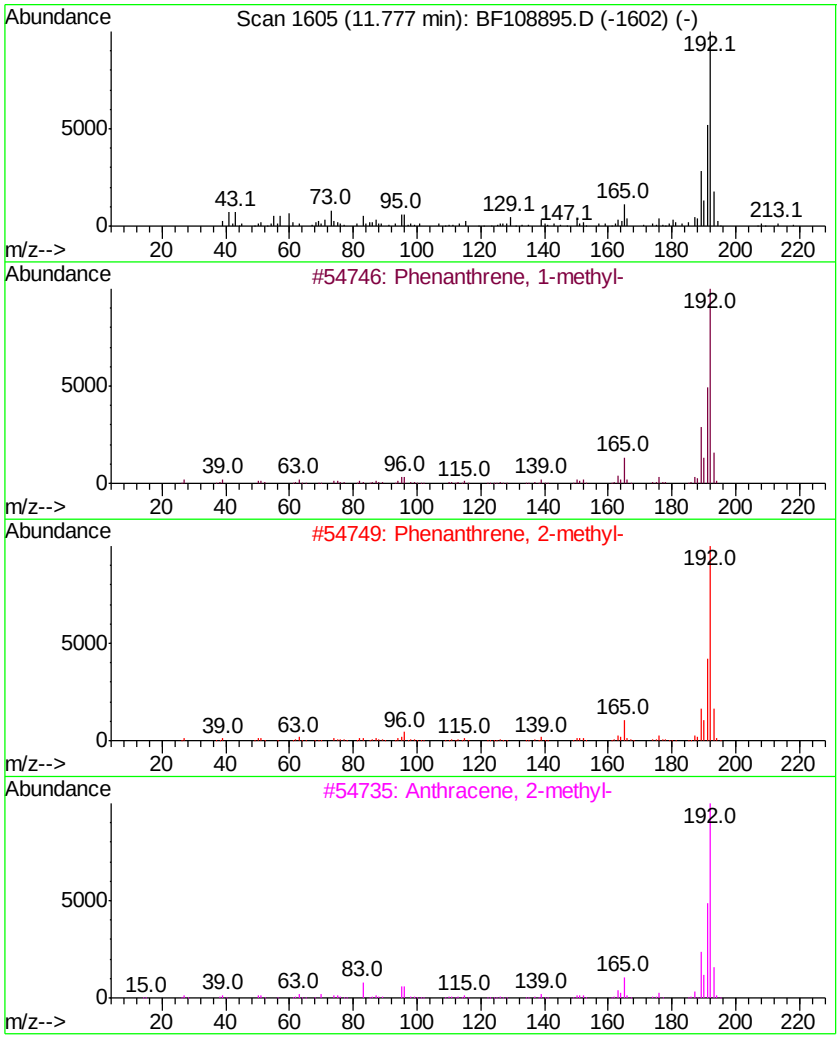
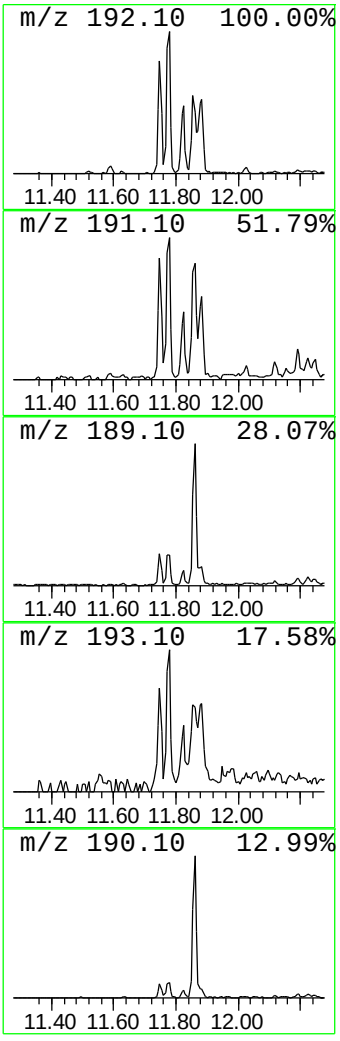
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.18 ng	139414	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

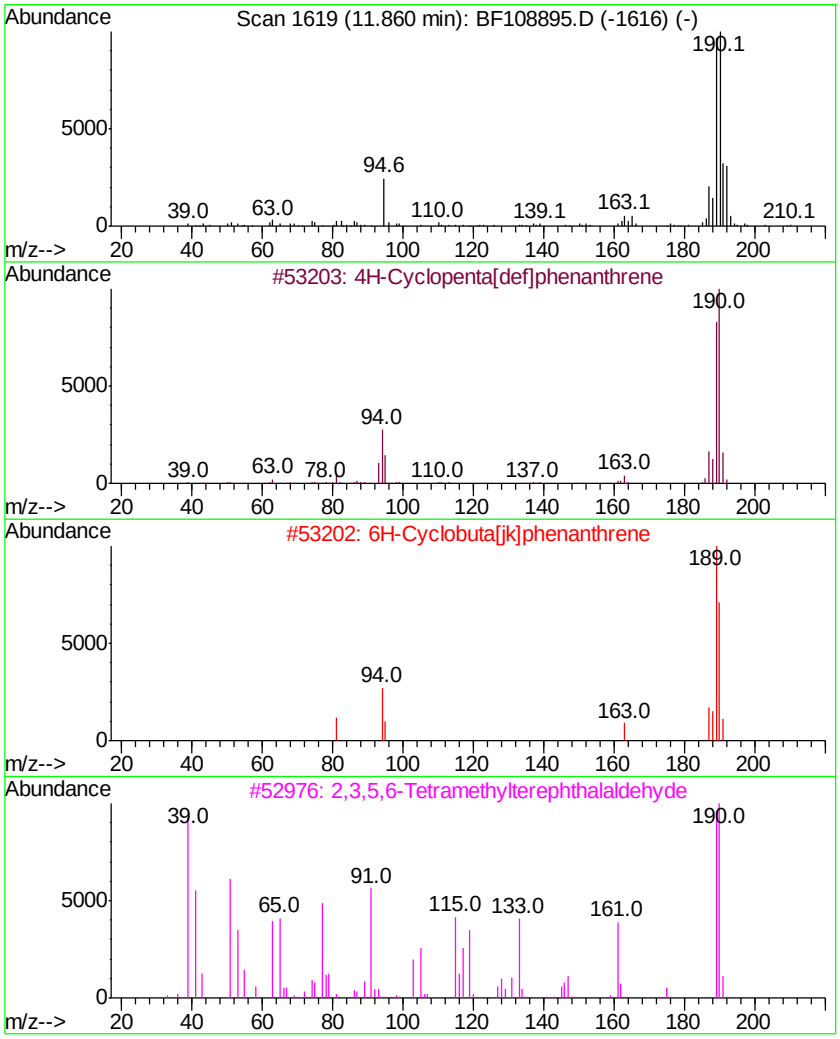
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

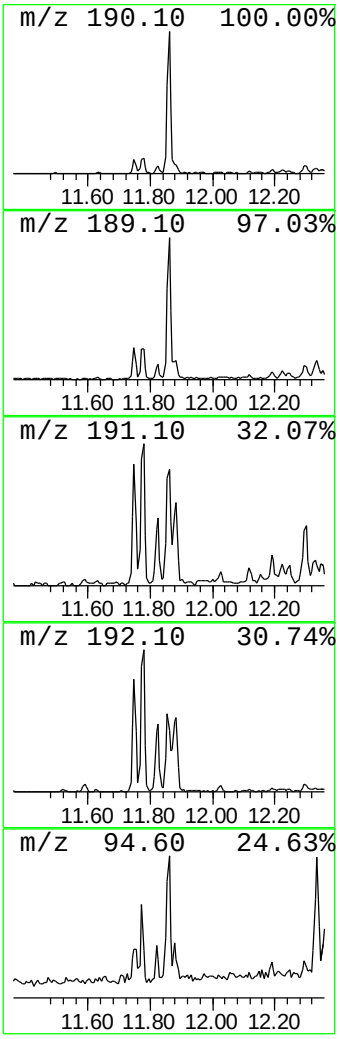
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.79 ng	178494	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
Acq On : 10 Sep 2018 16:16
Operator : JU/SJ
Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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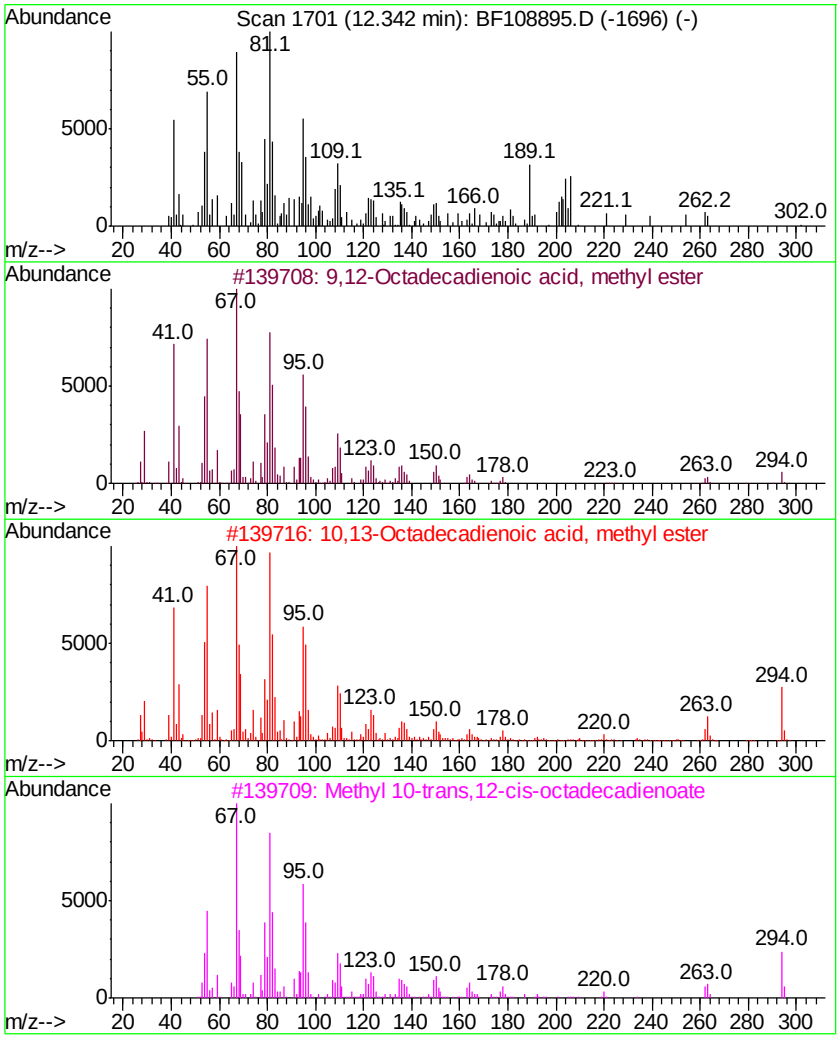
TIC Integration Parameters: LSCINT.P

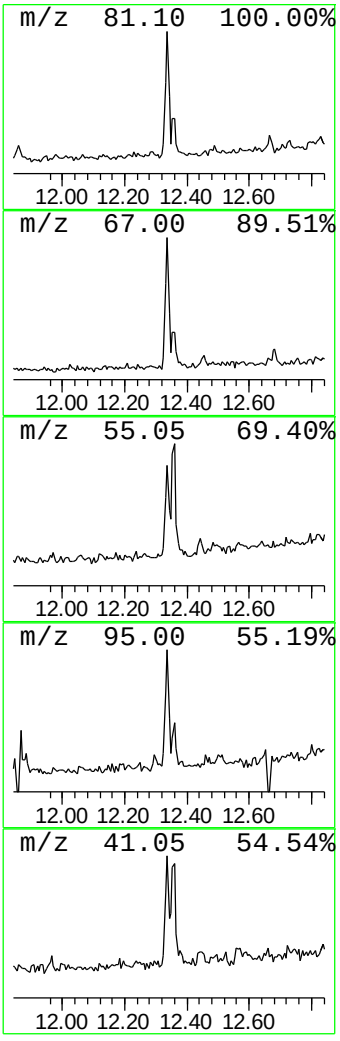
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.72 ng	174227	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

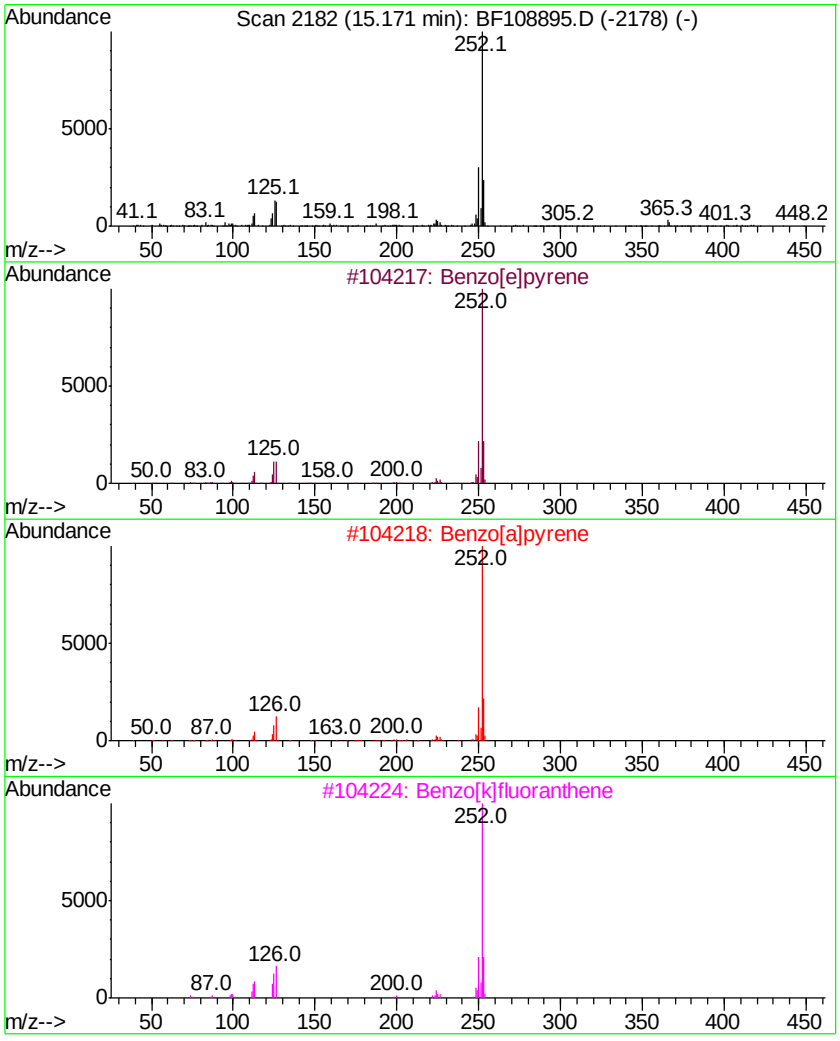
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

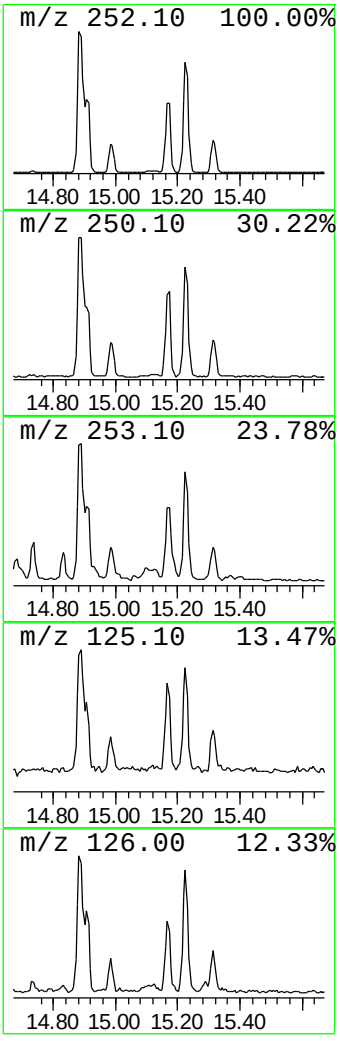
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.37 ng	352926	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
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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
unknown6.50	6.50	12.6	ng	732253	1	6.74	1162380	20.0
Phenanthrene, 1-m...	11.78	2.2	ng	139414	4	11.25	1279330	20.0
4H-Cyclopenta[def...	11.86	2.8	ng	178494	4	11.25	1279330	20.0
9,12-Octadecadien...	12.34	2.7	ng	174227	4	11.25	1279330	20.0
Benzo[e]pyrene	15.17	7.4	ng	352926	6	15.29	957101	20.0