Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109048.D
Acq On : 17 Sep 2018 15:12
Operator : JU/SJ
Sample : J4773-09 4X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-E

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-BF091418.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	4.896	432	435	442	rVB	27006	33040	2.54%	0.227%
2	5.319	503	507	515	rVB	807080	699738	53.83%	4.818%
3	6.343	678	681	689	rBV	774325	712187	54.79%	4.903%
4	6.484	701	705	709	rBV	928450	726747	55.91%	5.003%
5	6.719	742	745	749	rBV	961387	771498	59.35%	5.312%
6	6.878	768	772	775	rBV	689205	557452	42.89%	3.838%
7	7.272	836	839	847	rBV	497350	415754	31.98%	2.862%
8	8.001	959	963	966	rBV	1171640	909480	69.97%	6.262%
9	8.713	1079	1084	1091	rVB	40356	32388	2.49%	0.223%
10	8.813	1098	1101	1104	rBV	45832	33979	2.61%	0.234%
11	9.078	1142	1146	1149	rBV	823991	679726	52.29%	4.680%
12	9.342	1186	1191	1194	rBV	18092	21971	1.69%	0.151%
13	9.413	1200	1203	1205	rBV	37340	33470	2.57%	0.230%
14	9.436	1205	1207	1210	rVB	19998	16100	1.24%	0.111%
15	9.472	1210	1213	1216	rBV	69078	63088	4.85%	0.434%
16	9.613	1233	1237	1240	rBV	50482	46194	3.55%	0.318%
17	9.748	1257	1260	1264	rBV	1013265	920962	70.85%	6.341%
18	9.783	1264	1266	1270	rVB	44897	36516	2.81%	0.251%
19	9.954	1292	1295	1299	rVB	24278	19337	1.49%	0.133%
20	10.072	1310	1315	1317	rBV3	11224	14655	1.13%	0.101%
21	10.295	1350	1353	1358	rBV	41503	39636	3.05%	0.273%
22	10.530	1389	1393	1399	rBV	455490	396049	30.47%	2.727%
23	10.842	1442	1446	1448	rBV2	12684	15363	1.18%	0.106%
24	11.125	1490	1494	1496	rBV2	16458	18940	1.46%	0.130%
25	11.225	1508	1511	1514	rBV	1003766	965415	74.27%	6.647%
26	11.248	1514	1515	1519	rVV	269115	176417	13.57%	1.215%
27	11.301	1519	1524	1527	rVB	92331	73819	5.68%	0.508%
28	11.454	1544	1550	1552	rBV2	20781	24410	1.88%	0.168%
29	11.560	1566	1568	1572	rVB2	21352	17306	1.33%	0.119%
30	11.730	1593	1597	1599	rBV	63831	61413	4.72%	0.423%
31	11.754	1599	1601	1606	rVB	90161	85294	6.56%	0.587%
32	11.801	1606	1609	1612	rBV2	34833	32160	2.47%	0.221%
33	11.836	1612	1615	1618	rVV	119088	125642	9.67%	0.865%
34	11.860	1618	1619	1622	rVB	52578	30064	2.31%	0.207%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
CL-01-091418-E

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.019	1640	1646	1648	rBV2	42639	46078	3.54%	0.317%
36	12.042	1648	1650	1657	rVB3	28252	35306	2.72%	0.243%
37	12.154	1666	1669	1670	rBV	17226	16365	1.26%	0.113%
38	12.172	1670	1672	1675	rVV2	28377	26733	2.06%	0.184%
39	12.201	1675	1677	1679	rVV	35937	29755	2.29%	0.205%
40	12.224	1679	1681	1684	rVB2	29899	25553	1.97%	0.176%
41	12.277	1684	1690	1693	rBV	86337	99061	7.62%	0.682%
42	12.313	1693	1696	1698	rVV2	45755	55394	4.26%	0.381%
43	12.330	1698	1699	1701	rVV	34264	21238	1.63%	0.146%
44	12.360	1701	1704	1708	rVV4	34728	47760	3.67%	0.329%
45	12.430	1713	1716	1722	rBV	493992	417476	32.12%	2.874%
46	12.483	1722	1725	1730	rBV4	44541	58509	4.50%	0.403%
47	12.524	1730	1732	1734	rBV	23791	19756	1.52%	0.136%
48	12.660	1750	1755	1758	rBV	519800	486479	37.43%	3.349%
49	12.724	1764	1766	1769	rVB	33295	32568	2.51%	0.224%
50	12.777	1773	1775	1777	rBV	34612	31900	2.45%	0.220%
51	12.807	1777	1780	1788	rVB	839300	718748	55.29%	4.948%
52	12.877	1788	1792	1795	rBV2	61379	84045	6.47%	0.579%
53	12.936	1800	1802	1804	rVV2	20344	19940	1.53%	0.137%
54	12.966	1804	1807	1808	rVV2	51203	51874	3.99%	0.357%
55	12.989	1808	1811	1814	rVB	94663	103056	7.93%	0.710%
56	13.054	1819	1822	1825	rVB2	82737	67503	5.19%	0.465%
57	13.089	1825	1828	1831	rBV	83132	84138	6.47%	0.579%
58	13.183	1841	1844	1847	rBV	71336	58324	4.49%	0.402%
59	13.213	1847	1849	1853	rVV	63935	52308	4.02%	0.360%
60	13.601	1911	1915	1918	rBV2	60012	88015	6.77%	0.606%
61	13.630	1918	1920	1922	rVB	33634	23783	1.83%	0.164%
62	13.654	1922	1924	1926	rBV	27155	22191	1.71%	0.153%
63	13.854	1953	1958	1960	rBV2	1252719	1299852	100.00%	8.949%
64	13.877	1960	1962	1965	rVB	239286	180864	13.91%	1.245%
65	14.236	2021	2023	2026	rVB	74225	61073	4.70%	0.420%
66	14.860	2126	2129	2139	rVB	176266	358479	27.58%	2.468%
67	15.142	2174	2177	2181	rBV	103633	120620	9.28%	0.830%
68	15.195	2183	2186	2191	rBV	150256	163804	12.60%	1.128%
69	15.260	2193	2197	2200	rBV	658524	710159	54.63%	4.889%

Sum of corrected areas: 14524917

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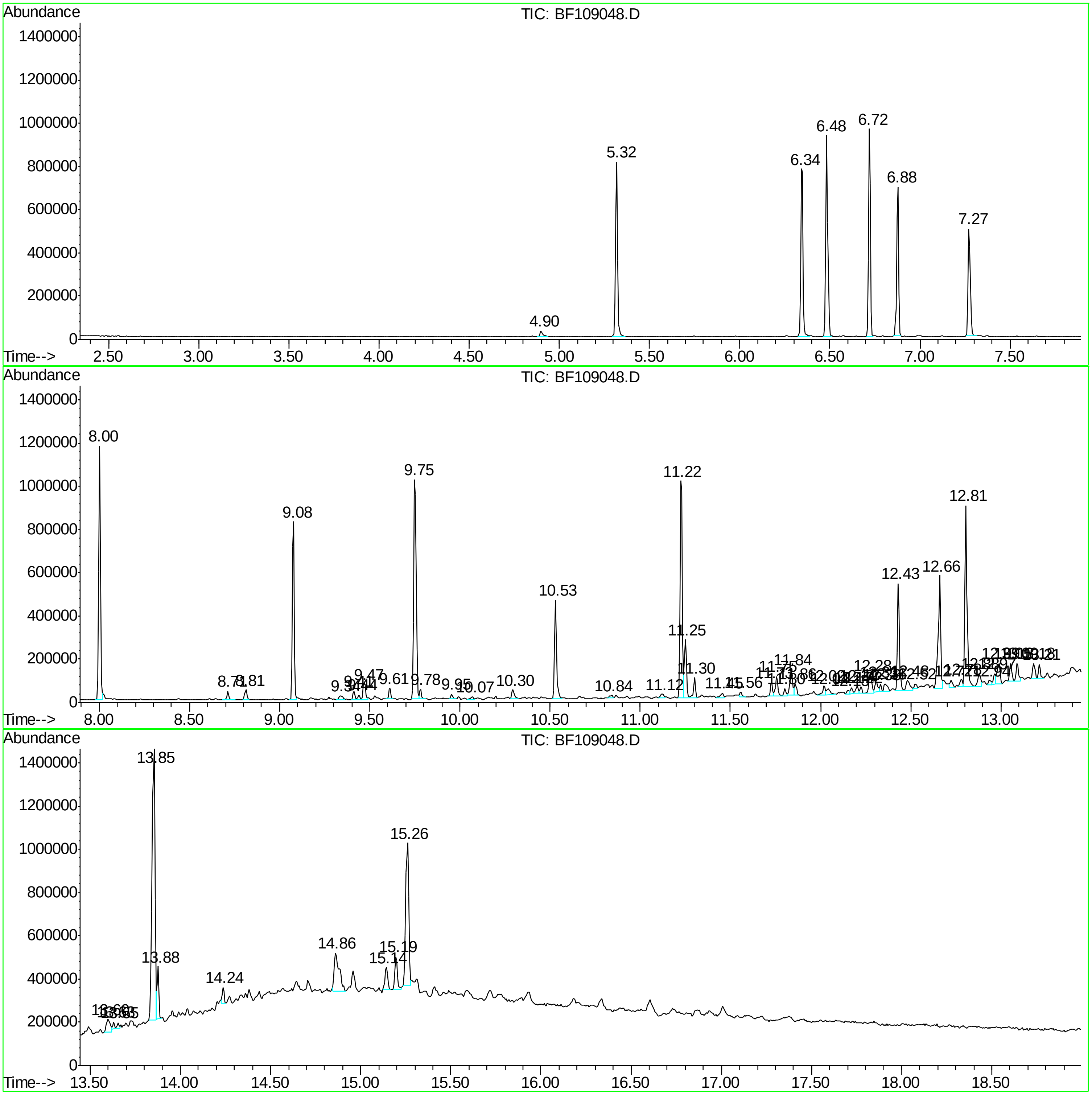
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.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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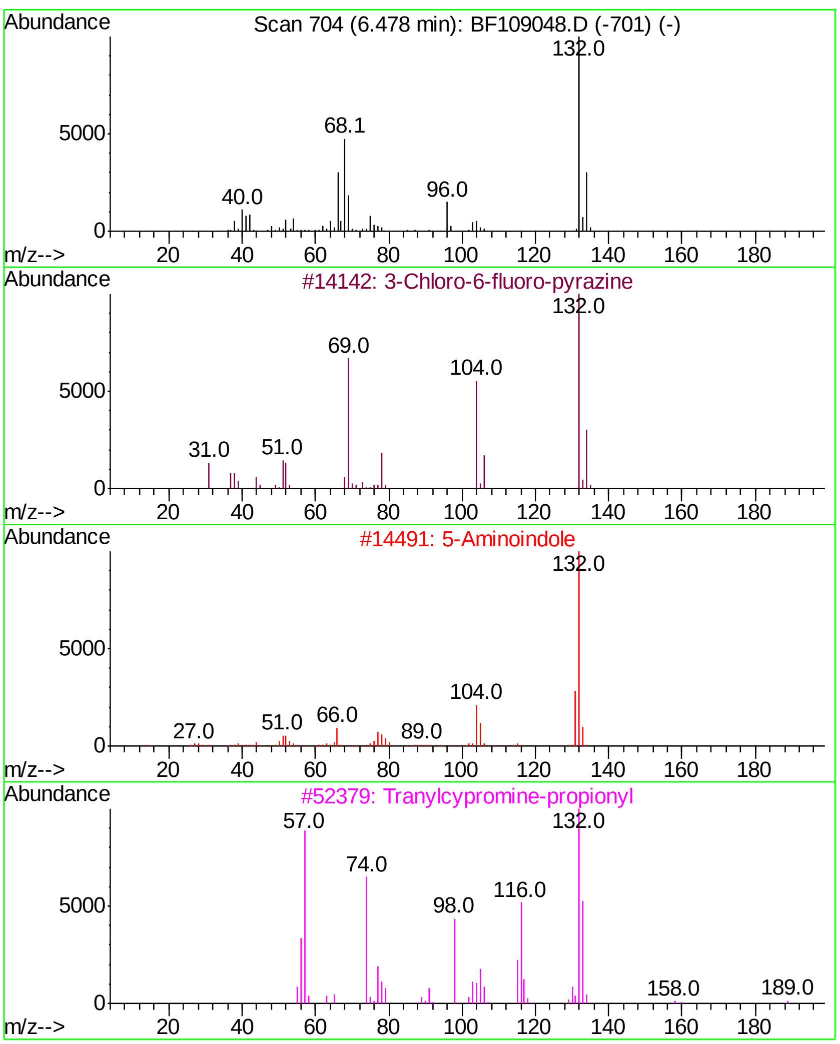
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

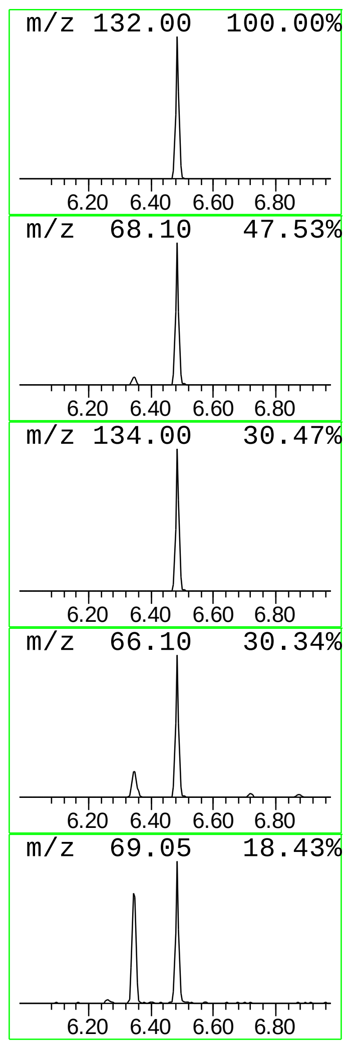
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	18.84 ng	726747	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109048.D
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Operator : JU/SJ
Sample : J4773-09 4X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.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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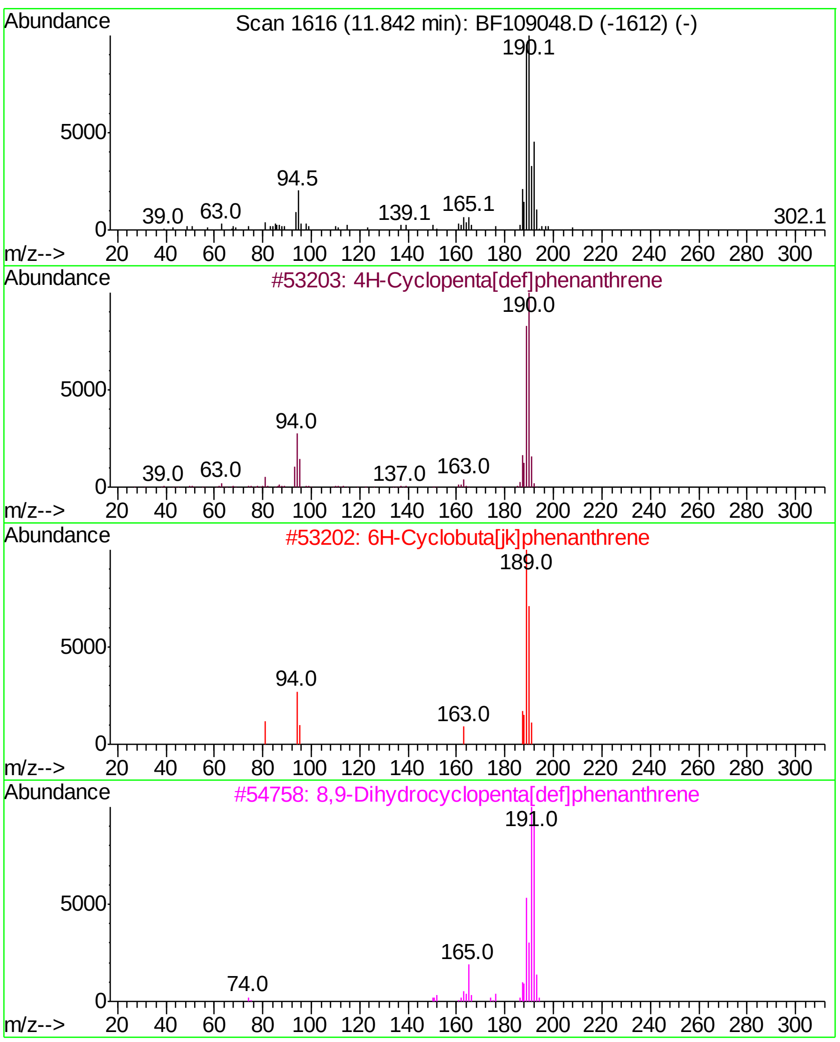
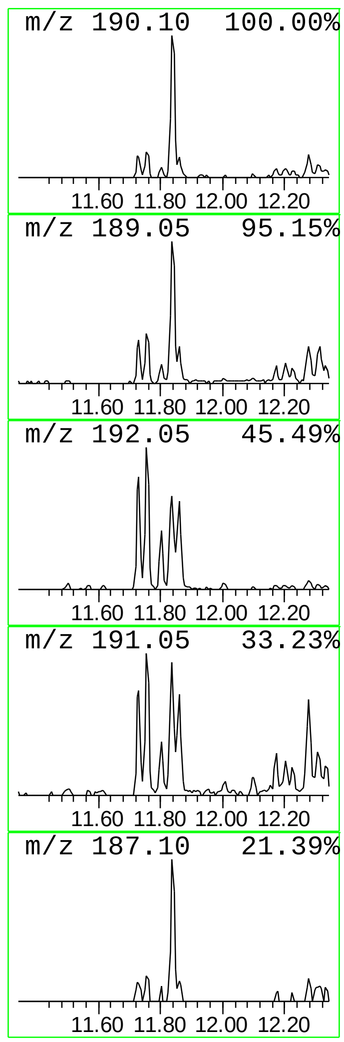
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.60 ng	125642	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	$C_{15}H_{10}$	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	$C_{15}H_{10}$	083469-43-6	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	$C_{15}H_{12}$	027410-55-5	42
4	1-(3-Nitro-phenyl)-pyrrolidine	192	$C_{10}H_{12}N_2O_2$	1000300-34-7	38
5	5H-Dibenzo[a,d]cycloheptene	192	$C_{15}H_{12}$	000256-81-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109048.D
Acq On : 17 Sep 2018 15:12
Operator : JU/SJ
Sample : J4773-09 4X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

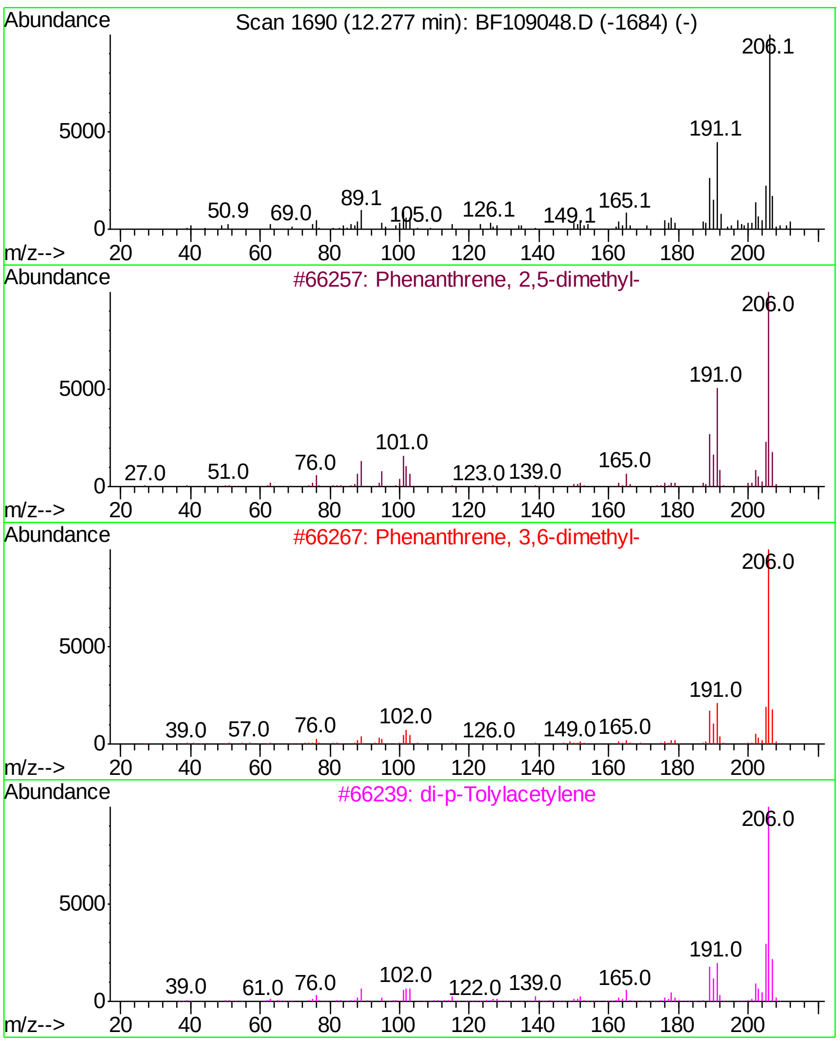
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

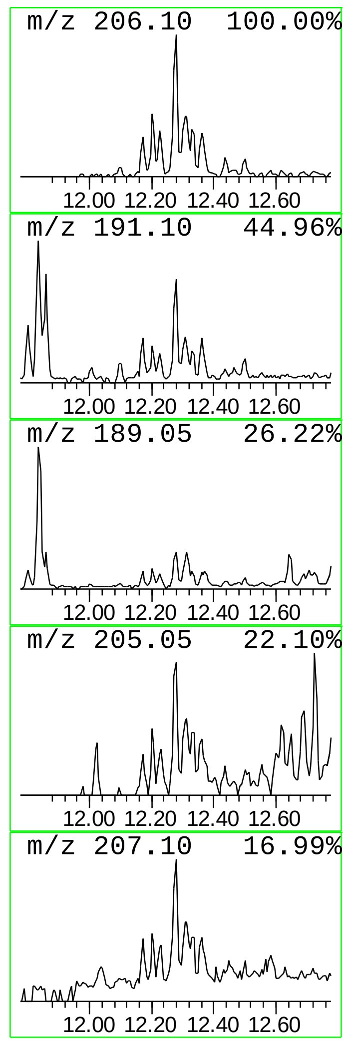
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.05 ng	99061	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109048.D
Acq On : 17 Sep 2018 15:12
Operator : JU/SJ
Sample : J4773-09 4X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
unknown6.48	6.48	18.8	ng	726747	1	6.72	771498	20.0
4H-Cyclopenta[def...	11.84	2.6	ng	125642	4	11.22	965415	20.0
Phenanthrene, 2,5...	12.28	2.0	ng	99061	4	11.22	965415	20.0