LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106681.D
Acq On : 22 Jun 2018 00:29
Operator : JU/SJ
Sample : J3245-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061918-C

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-BF061918.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	492	rBB	32410	31621	4.99%	0.397%
2	5.601	551	555	564	rBV	482230	433963	68.44%	5.443%
3	6.601	721	725	736	rBV	515838	443928	70.01%	5.568%
4	6.737	744	748	751	rBV	541644	448236	70.69%	5.622%
5	6.960	783	786	790	rBV	447277	353427	55.74%	4.433%
6	7.113	809	812	816	rBV	420667	355911	56.13%	4.464%
7	7.219	828	830	836	rBB	9664	9313	1.47%	0.117%
8	7.519	877	881	891	rBV	306545	254087	40.07%	3.187%
9	8.242	1000	1004	1024	rBB	501900	433719	68.40%	5.440%
10	9.313	1183	1186	1194	rBV	570058	483936	76.32%	6.070%
11	9.707	1250	1253	1260	rVB	54206	48141	7.59%	0.604%
12	9.866	1276	1280	1285	rBV	18038	17194	2.71%	0.216%
13	9.913	1285	1288	1292	rVB	9899	9103	1.44%	0.114%
14	10.001	1300	1303	1307	rBV2	507551	431383	68.04%	5.410%
15	10.413	1369	1373	1376	rVB	12231	11856	1.87%	0.149%
16	10.554	1393	1397	1402	rVB	7239	10190	1.61%	0.128%
17	10.795	1434	1438	1445	rBV	299770	260939	41.15%	3.273%
18	10.889	1450	1454	1458	rBV2	11408	16843	2.66%	0.211%
19	11.336	1527	1530	1533	rBV	9327	8160	1.29%	0.102%
20	11.495	1553	1557	1559	rBV	527953	445986	70.34%	5.594%
21	11.519	1559	1561	1565	rVB	110604	83349	13.15%	1.045%
22	11.572	1567	1570	1573	rBV	32322	27071	4.27%	0.340%
23	11.725	1592	1596	1599	rBV2	13271	17626	2.78%	0.221%
24	11.760	1600	1602	1605	rVB2	9632	9229	1.46%	0.116%
25	11.825	1611	1613	1617	rVB2	11785	11755	1.85%	0.147%
26	11.995	1639	1642	1645	rBV	36913	35343	5.57%	0.443%
27	12.025	1645	1647	1651	rVB	48118	39964	6.30%	0.501%
28	12.072	1651	1655	1658	rBV	25311	27662	4.36%	0.347%
29	12.107	1658	1661	1664	rBV2	48574	59463	9.38%	0.746%
30	12.130	1664	1665	1668	rVB	30481	20762	3.27%	0.260%
31	12.172	1668	1672	1675	rBV5	12972	17461	2.75%	0.219%
32	12.225	1679	1681	1685	rBV2	10885	13537	2.13%	0.170%
33	12.289	1689	1692	1694	rBV	25031	21860	3.45%	0.274%
34	12.319	1694	1697	1700	rVB3	21736	21455	3.38%	0.269%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : CL-02-061918-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.425	1712	1715	1716	rBV3	14686	14866	2.34%	0.186%
36	12.472	1721	1723	1725	rBV	16637	13459	2.12%	0.169%
37	12.495	1725	1727	1729	rVB2	16396	12936	2.04%	0.162%
38	12.548	1732	1736	1739	rBV	47808	60165	9.49%	0.755%
39	12.607	1744	1746	1748	rVB2	17312	13611	2.15%	0.171%
40	12.636	1748	1751	1754	rBV	45443	55672	8.78%	0.698%
41	12.713	1761	1764	1767	rBV	410271	341071	53.79%	4.278%
42	12.748	1768	1770	1772	rVV3	18785	18030	2.84%	0.226%
43	12.772	1772	1774	1777	rVV2	18502	15279	2.41%	0.192%
44	12.807	1778	1780	1782	rVV	22951	17019	2.68%	0.213%
45	12.866	1788	1790	1792	rBV	17207	11727	1.85%	0.147%
46	12.942	1800	1803	1809	rVB	389894	377907	59.60%	4.740%
47	12.995	1809	1812	1815	rBV2	29661	29865	4.71%	0.375%
48	13.077	1822	1826	1829	rBV	630461	519682	81.96%	6.518%
49	13.101	1829	1830	1833	rVB	28615	15953	2.52%	0.200%
50	13.154	1836	1839	1845	rBV3	31538	59166	9.33%	0.742%
51	13.266	1852	1858	1861	rBV3	55485	100199	15.80%	1.257%
52	13.371	1874	1876	1879	rVB2	43218	44277	6.98%	0.555%
53	13.472	1890	1893	1895	rBV	34435	30583	4.82%	0.384%
54	13.501	1896	1898	1900	rBV	33519	30109	4.75%	0.378%
55	13.777	1943	1945	1950	rBV	45606	46579	7.35%	0.584%
56	14.148	2003	2008	2010	rBV2	502707	634053	100.00%	7.952%
57	14.171	2010	2012	2019	rVB	162928	163943	25.86%	2.056%
58	15.618	2255	2258	2264	rVB	101934	142738	22.51%	1.790%
59	15.683	2265	2269	2273	rBV	230178	289826	45.71%	3.635%

Sum of corrected areas: 7973188

LSC Report - Integrated Chromatogram

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Data File : BF106681.D
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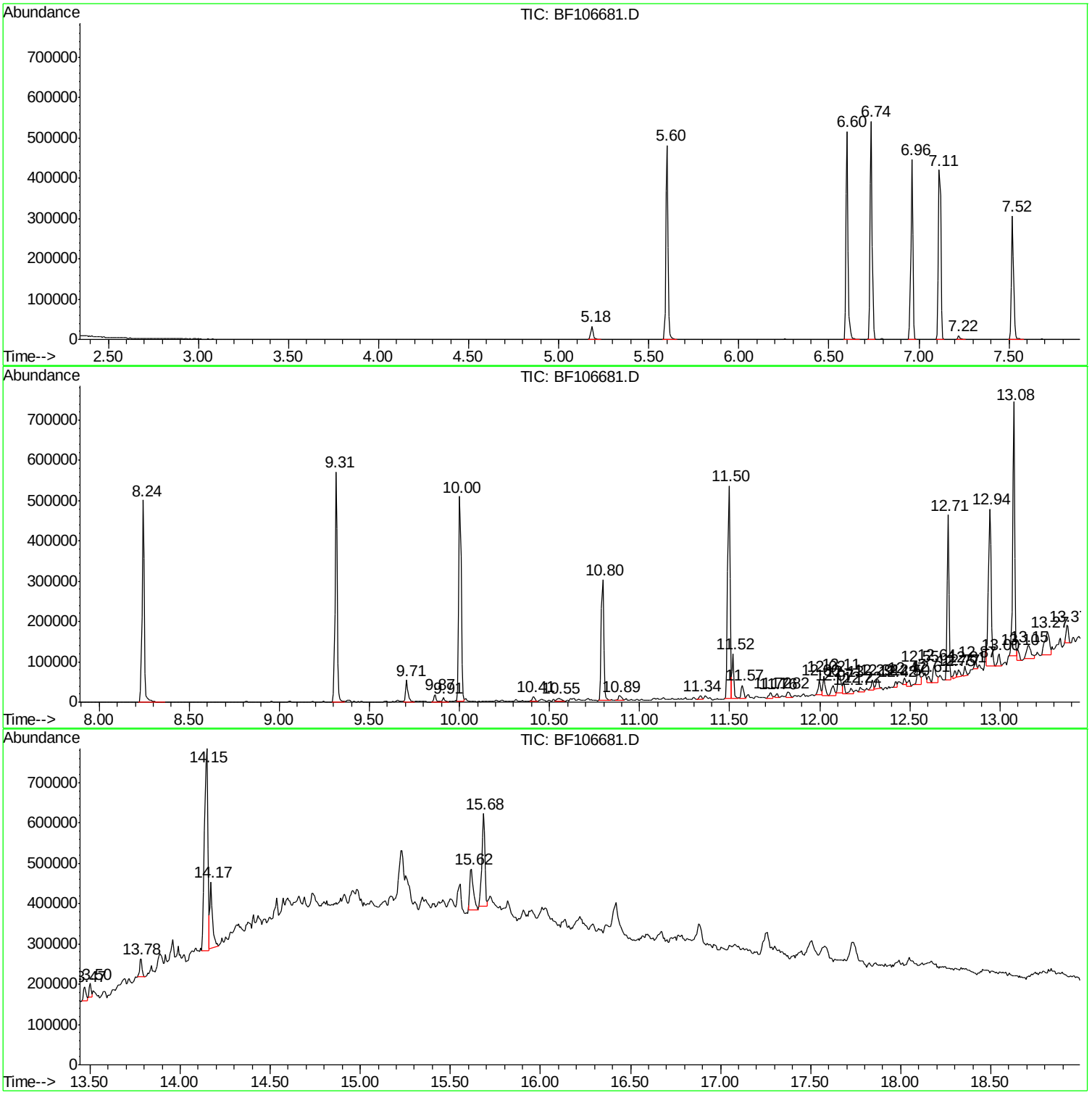
Operator : JU/SJ
Sample : J3245-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062118\
Data File : BF106681.D
Acq On : 22 Jun 2018 00:29
Operator : JU/SJ
Sample : J3245-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

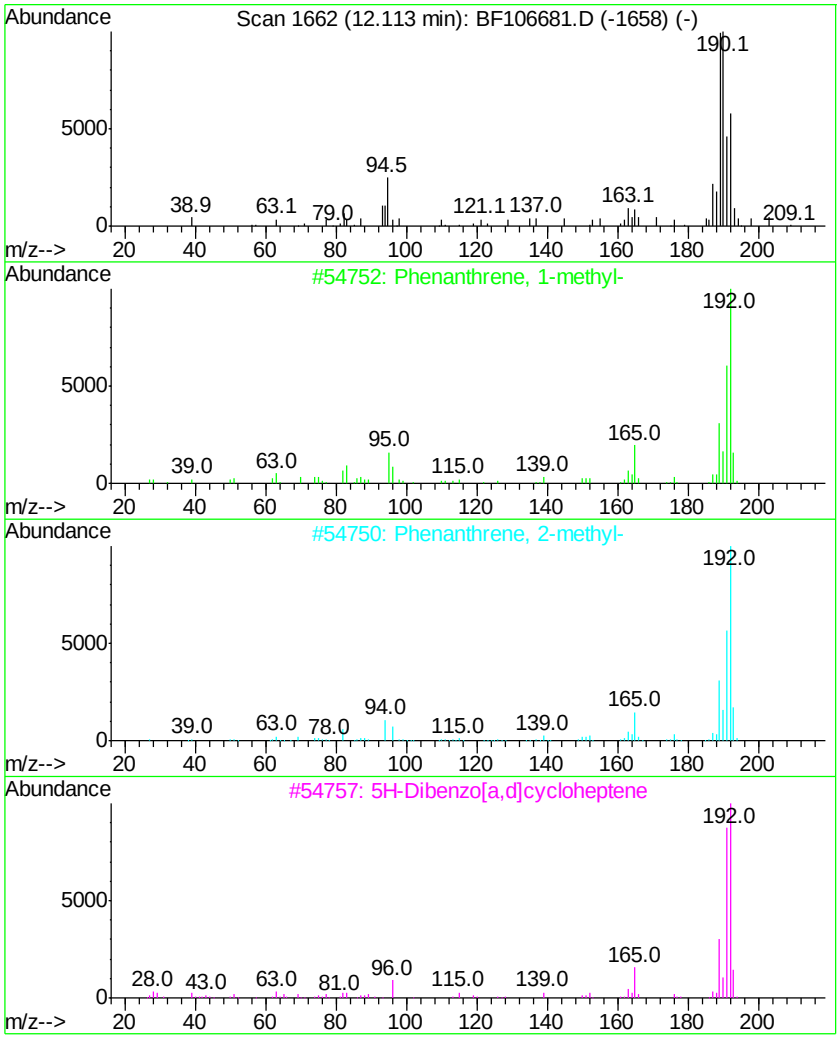
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

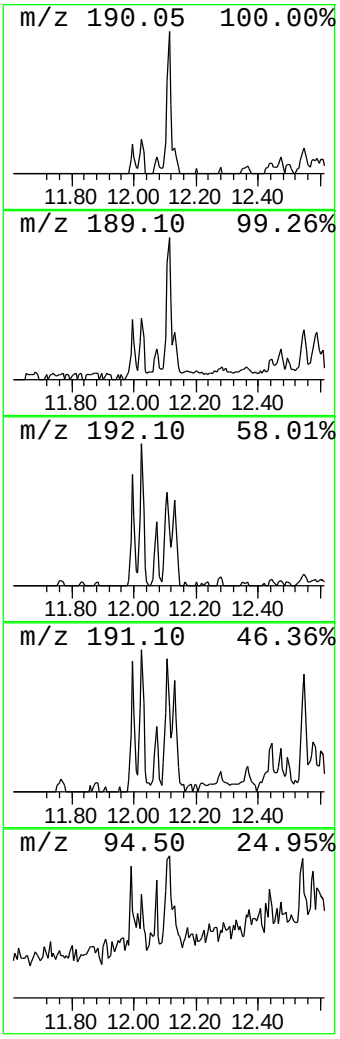
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.67 ng	59463	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	47
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106681.D
Acq On : 22 Jun 2018 00:29
Operator : JU/SJ
Sample : J3245-13 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-061918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

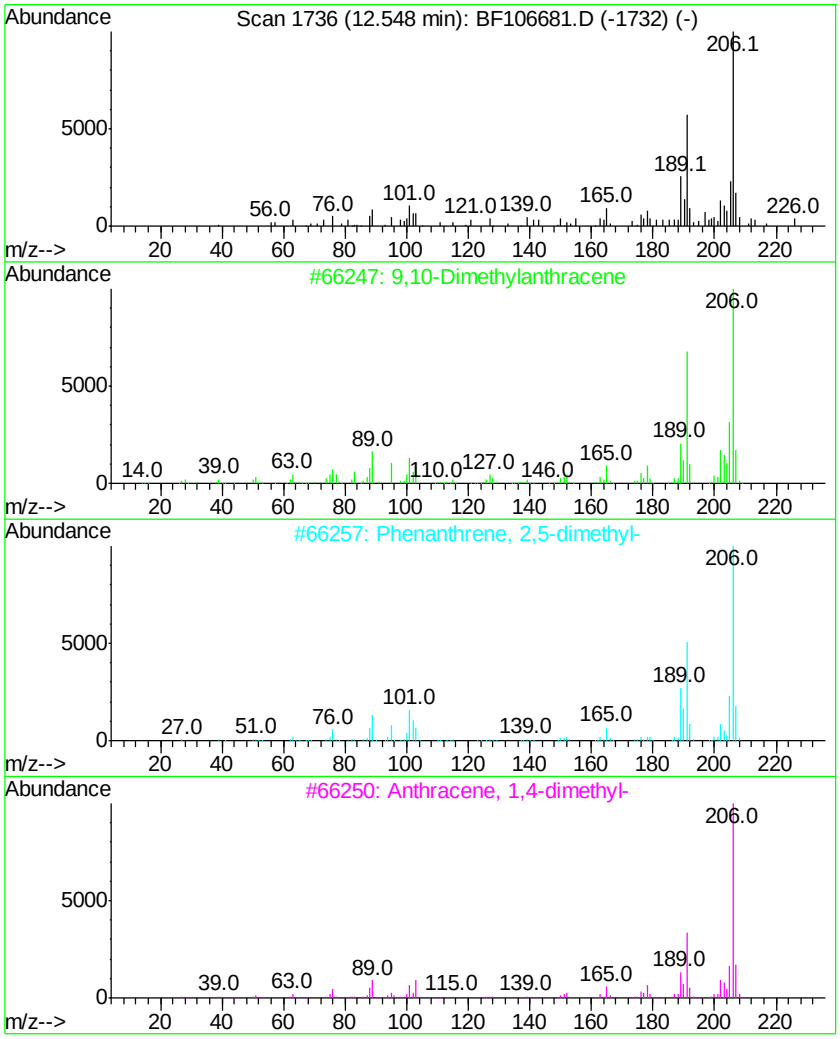
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

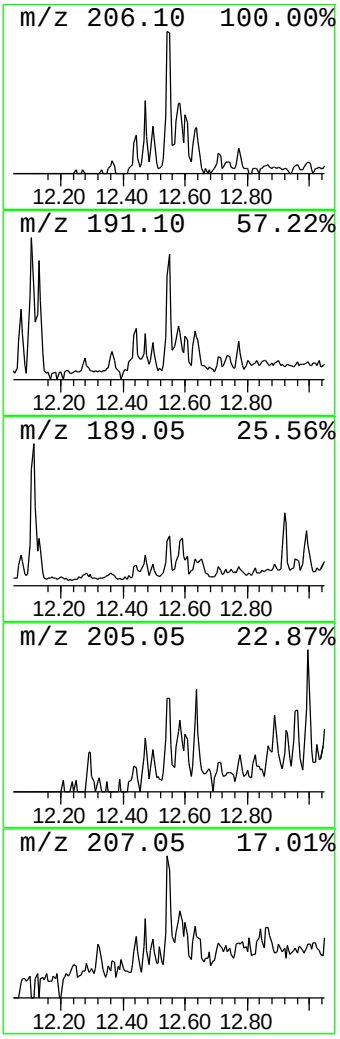
****

Peak Number 4 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.70 ng	60165	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

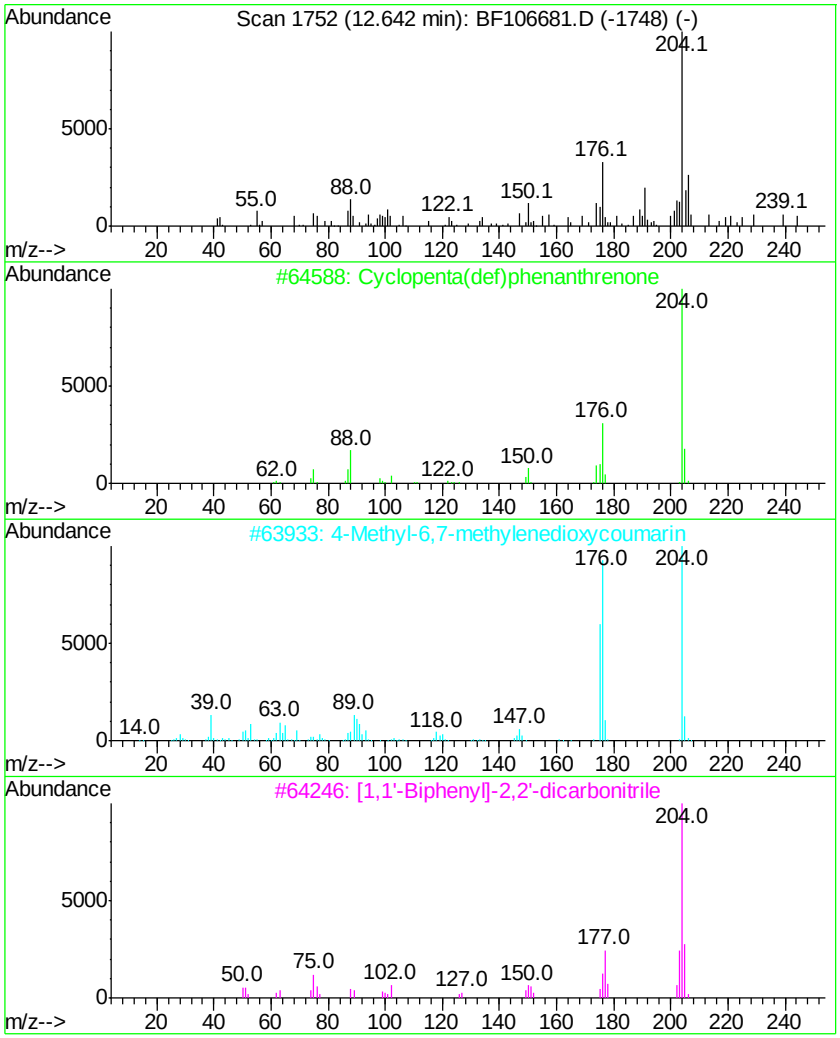
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

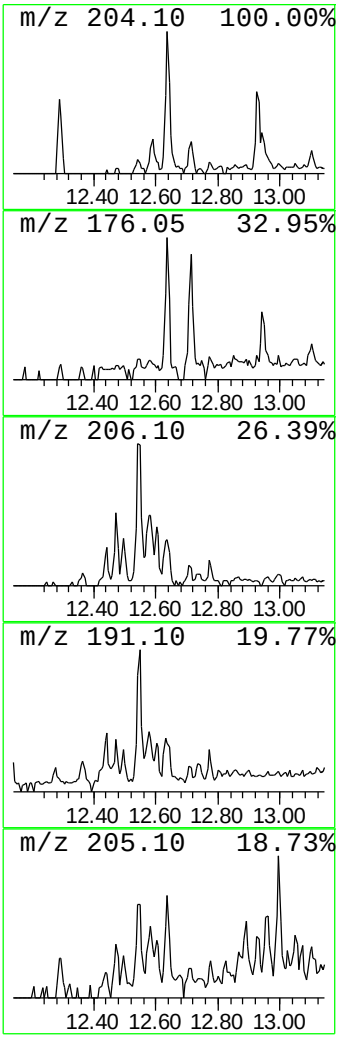
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.50 ng	55672	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	52
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43





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Sample : J3245-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

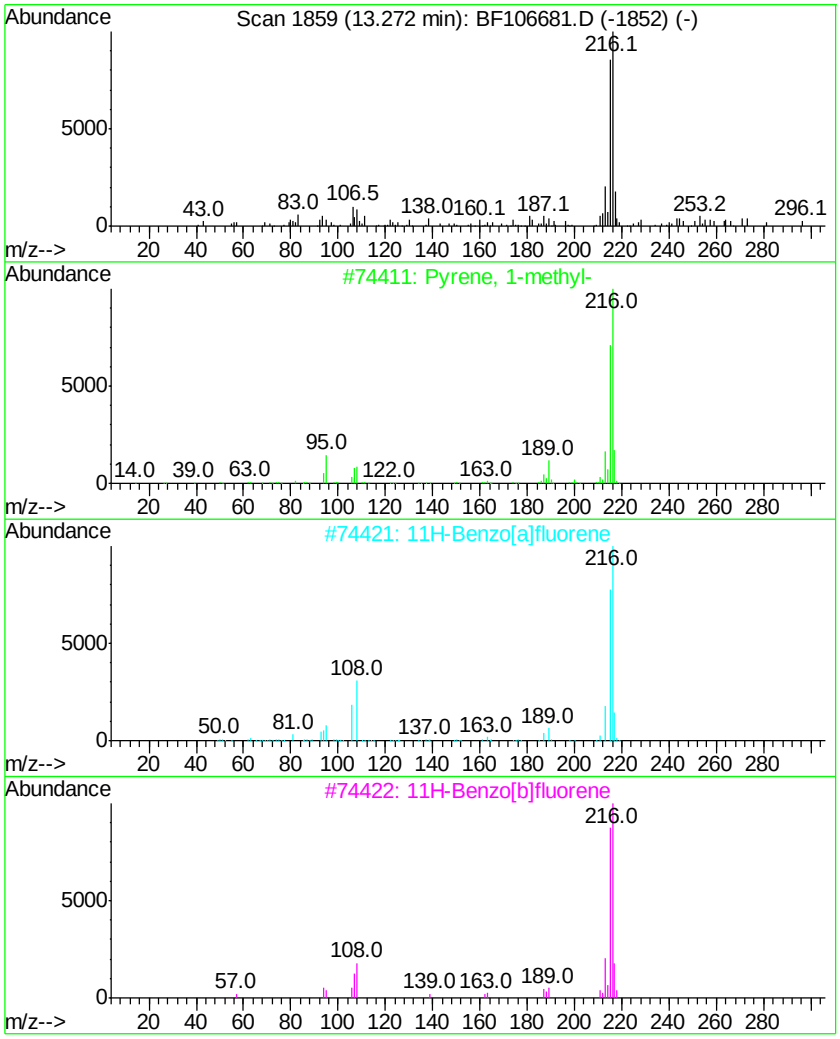
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

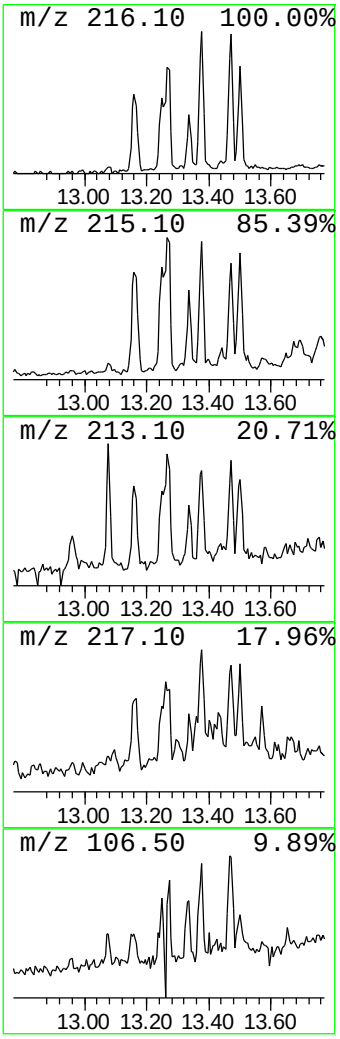
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.16 ng	100199	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	12.11	2.7	ng	59463	4	11.50	445986	20.0
9,10-Dimethylanth...	12.55	2.7	ng	60165	4	11.50	445986	20.0
Cyclopenta(def)ph...	12.64	2.5	ng	55672	4	11.50	445986	20.0
Pyrene, 1-methyl-	13.27	3.2	ng	100199	5	14.15	634053	20.0