LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122273.D
Acq On : 4 Nov 2020 20:17
Operator : JU/CG
Sample : L4591-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-110320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	551	554	589	rBV	348677	878636	91.21%	7.736%
2	6.381	727	730	756	rBV	376297	890678	92.46%	7.842%
3	6.710	783	786	801	rVB	527661	528285	54.84%	4.651%
4	7.287	881	884	905	rBV	349113	565773	58.73%	4.981%
5	7.992	1001	1004	1029	rBV	523862	650205	67.49%	5.725%
6	9.069	1183	1187	1203	rBV	815700	963355	100.00%	8.482%
7	9.186	1203	1207	1210	rVB4	7129	11524	1.20%	0.101%
8	9.475	1252	1256	1264	rBV	55321	76633	7.95%	0.675%
9	9.616	1276	1280	1283	rBV	29812	31167	3.24%	0.274%
10	9.745	1298	1302	1316	rBV	613122	685083	71.11%	6.032%
11	10.063	1353	1356	1360	rBV3	8730	11185	1.16%	0.098%
12	10.169	1370	1374	1376	rVB2	8157	10445	1.08%	0.092%
13	10.304	1393	1397	1402	rVB2	16696	22852	2.37%	0.201%
14	10.545	1435	1438	1451	rBV	368386	490929	50.96%	4.322%
15	10.639	1451	1454	1462	rVB5	14205	24230	2.52%	0.213%
16	10.851	1485	1490	1492	rBV3	11423	12890	1.34%	0.113%
17	11.086	1521	1530	1533	rBV7	16429	25567	2.65%	0.225%
18	11.133	1537	1538	1543	rVB	12834	12757	1.32%	0.112%
19	11.233	1552	1555	1558	rBV	617706	612791	63.61%	5.395%
20	11.257	1558	1559	1567	rVV	205589	199590	20.72%	1.757%
21	11.316	1567	1569	1574	rVV	44615	50628	5.26%	0.446%
22	11.510	1596	1602	1607	rVB7	16460	30749	3.19%	0.271%
23	11.569	1610	1612	1616	rVB	12497	13505	1.40%	0.119%
24	11.663	1624	1628	1630	rBV2	9357	13596	1.41%	0.120%
25	11.739	1638	1641	1643	rBV	62474	54917	5.70%	0.484%
26	11.769	1643	1646	1652	rVV	78040	81083	8.42%	0.714%
27	11.822	1652	1655	1657	rVV	27412	27037	2.81%	0.238%
28	11.851	1657	1660	1662	rVV	88306	93223	9.68%	0.821%
29	11.875	1662	1664	1668	rVB	40456	43008	4.46%	0.379%
30	12.033	1687	1691	1695	rBV3	34659	43748	4.54%	0.385%
31	12.098	1700	1702	1706	rVB4	12179	15749	1.63%	0.139%
32	12.139	1706	1709	1711	rBV3	10472	13262	1.38%	0.117%
33	12.216	1719	1722	1724	rVB	20223	15162	1.57%	0.133%
34	12.239	1724	1726	1731	rVB2	16076	14773	1.53%	0.130%
35	12.286	1731	1734	1736	rBV	84131	78701	8.17%	0.693%
36	12.374	1746	1749	1751	rBV2	18618	21516	2.23%	0.189%

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Sample : L4591-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-110320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.404	1752	1754	1759	rVB5	28084	26999	2.80%	0.238%
38	12.451	1759	1762	1767	rBV	355634	341317	35.43%	3.005%
39	12.516	1771	1773	1776	rBV3	10895	11430	1.19%	0.101%
40	12.551	1776	1779	1785	rBV3	18142	24154	2.51%	0.213%
41	12.604	1785	1788	1790	rBV	34198	39479	4.10%	0.348%
42	12.680	1795	1801	1807	rBV	357512	446125	46.31%	3.928%
43	12.733	1807	1810	1814	rVV	40104	42902	4.45%	0.378%
44	12.786	1817	1819	1820	rBV2	14252	11785	1.22%	0.104%
45	12.816	1820	1824	1831	rVV	996146	914776	94.96%	8.054%
46	12.910	1835	1840	1844	rVV4	35307	59454	6.17%	0.523%
47	12.992	1850	1854	1855	rBV3	39763	55149	5.72%	0.486%
48	13.010	1855	1857	1860	rVV	57282	66445	6.90%	0.585%
49	13.057	1863	1865	1866	rVV2	16325	12038	1.25%	0.106%
50	13.080	1866	1869	1871	rVV	45433	41471	4.30%	0.365%
51	13.116	1873	1875	1879	rVB	51308	59926	6.22%	0.528%
52	13.210	1889	1891	1893	rBV	51416	41793	4.34%	0.368%
53	13.239	1894	1896	1900	rVV	37054	42914	4.45%	0.378%
54	13.374	1917	1919	1923	rVB	33017	31381	3.26%	0.276%
55	13.616	1958	1960	1962	rBV	29959	33355	3.46%	0.294%
56	13.886	2001	2006	2009	rBV2	696852	807579	83.83%	7.110%
57	13.910	2009	2010	2017	rVB	170396	160943	16.71%	1.417%
58	14.921	2179	2182	2184	rBV	117613	153143	15.90%	1.348%
59	15.280	2240	2243	2248	rVB2	104406	168689	17.51%	1.485%
60	15.327	2248	2251	2261	rBV	358302	449198	46.63%	3.955%

Sum of corrected areas: 11357677

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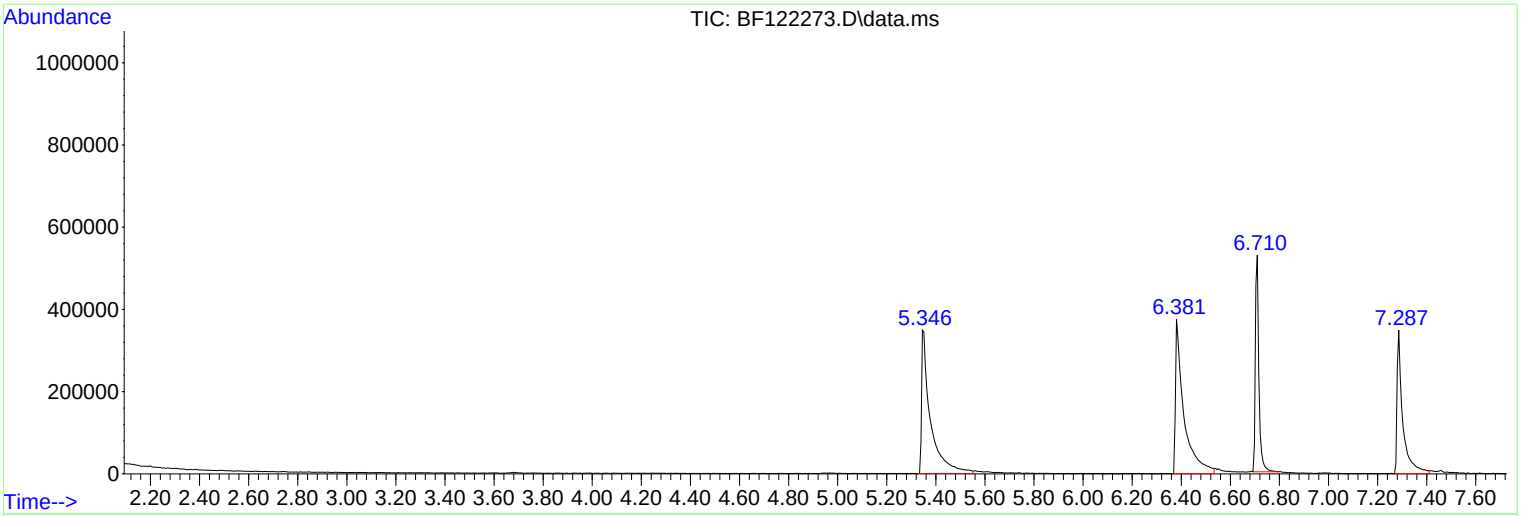
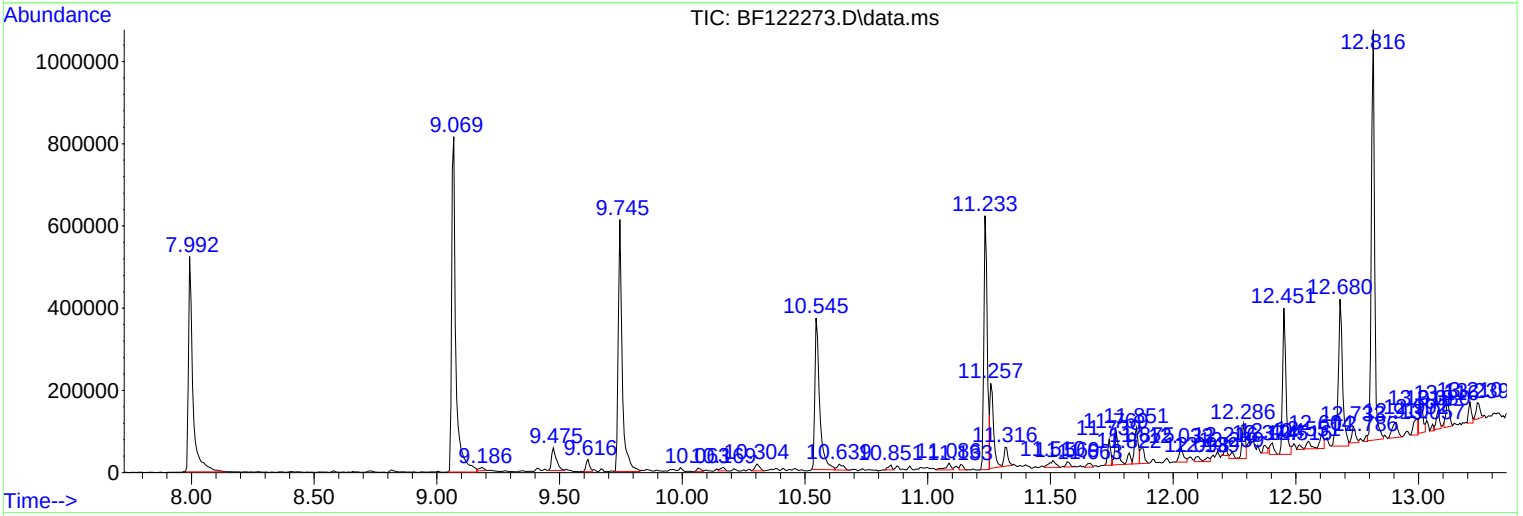
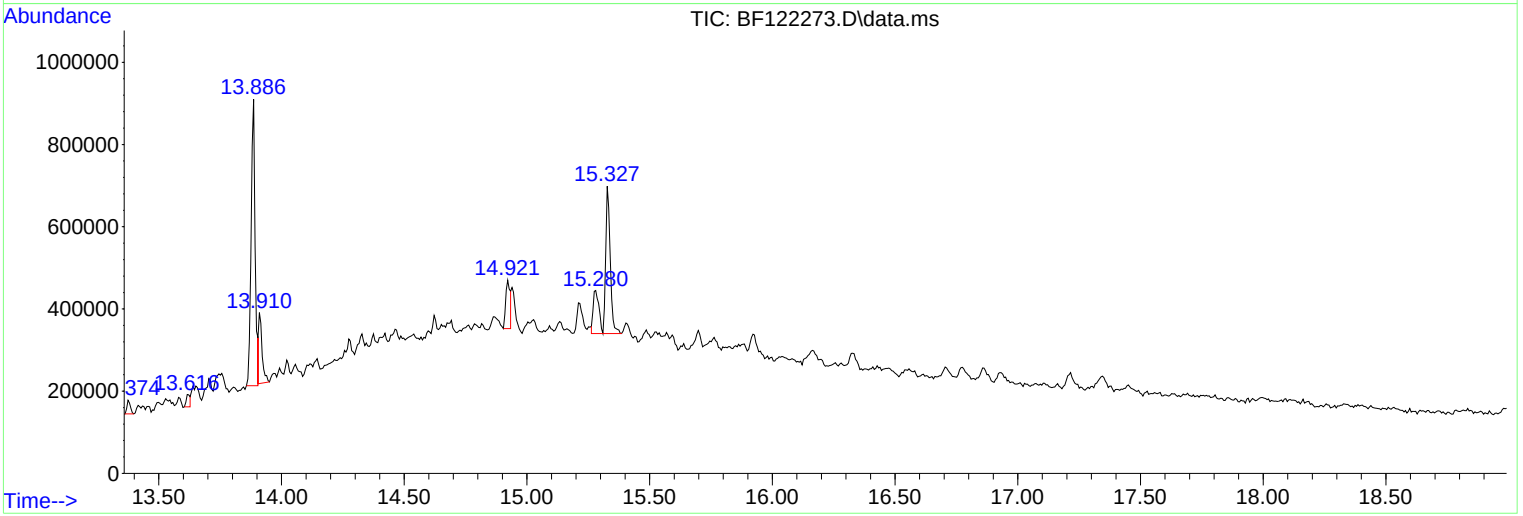
BNA_F
ClientSampleId :
OK-01-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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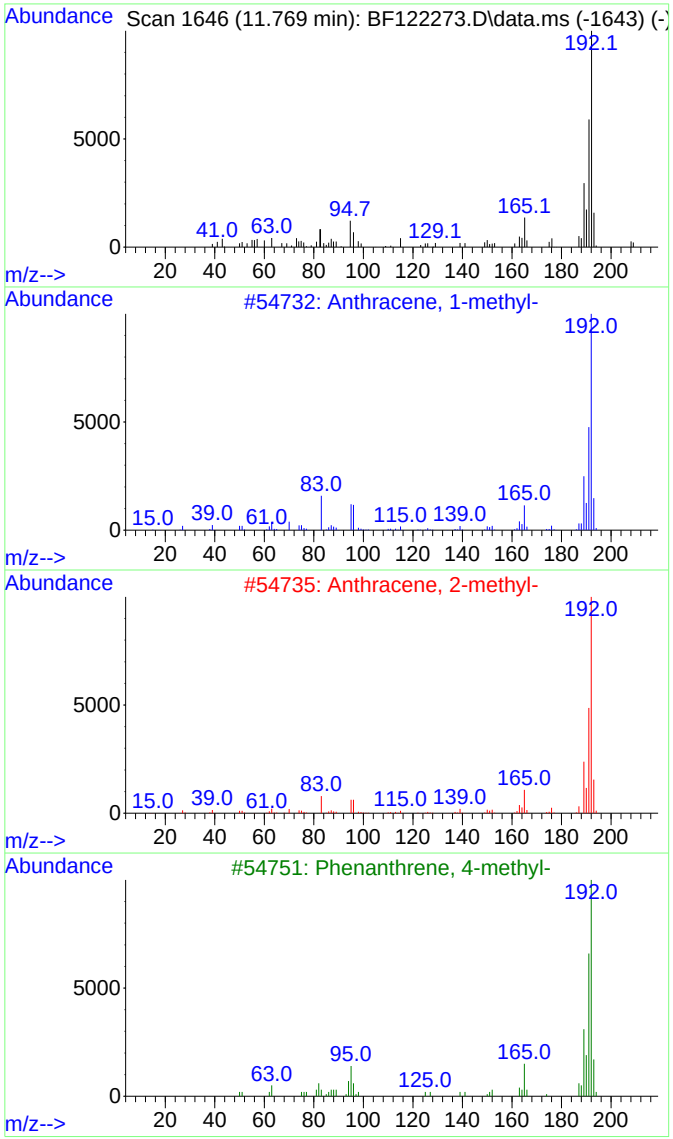
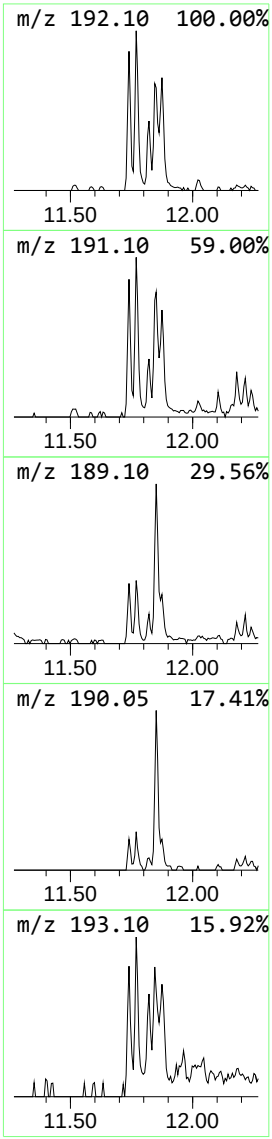
****

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	2.65 ng	81083	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Instrument :
BNA_F
ClientSampleId :
OK-01-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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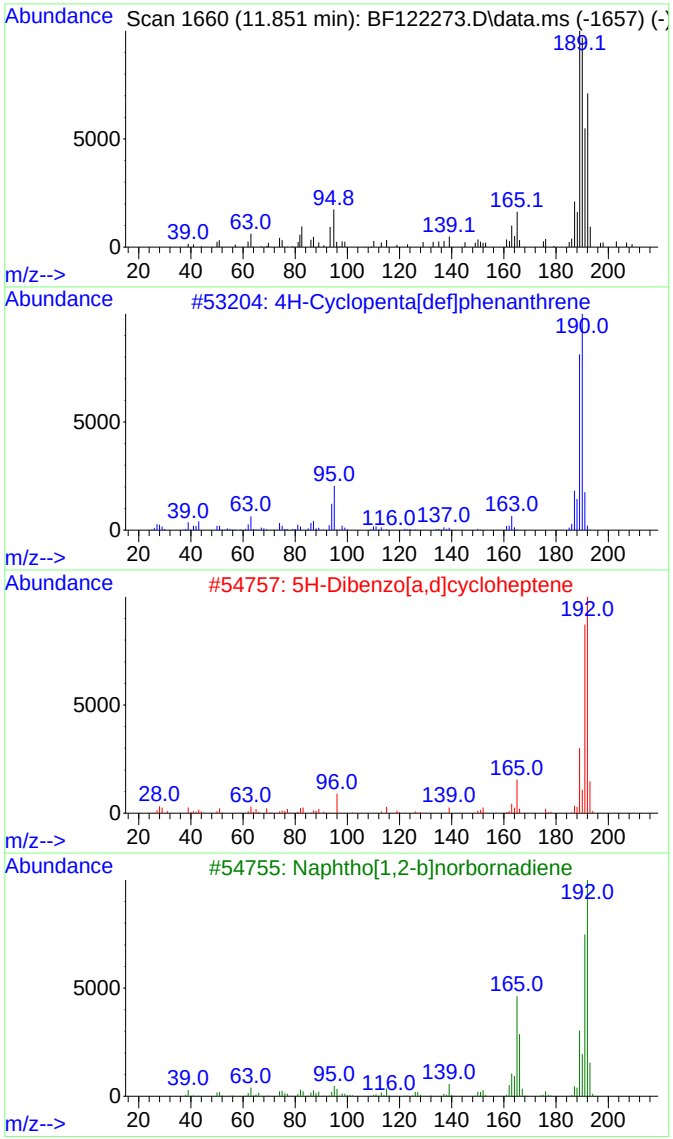
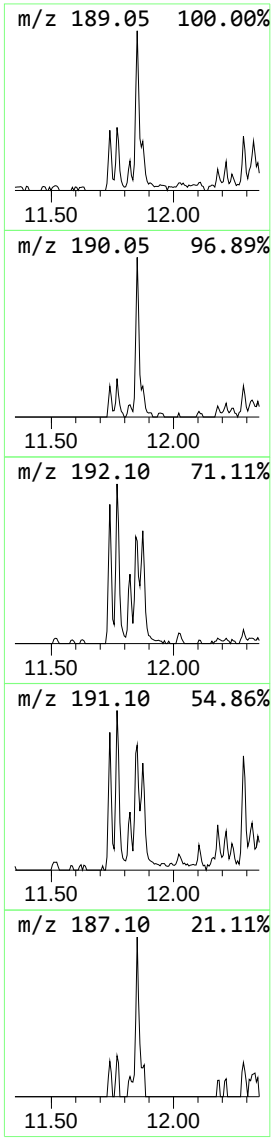
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.04 ng	93223	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	30
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	25





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-110320

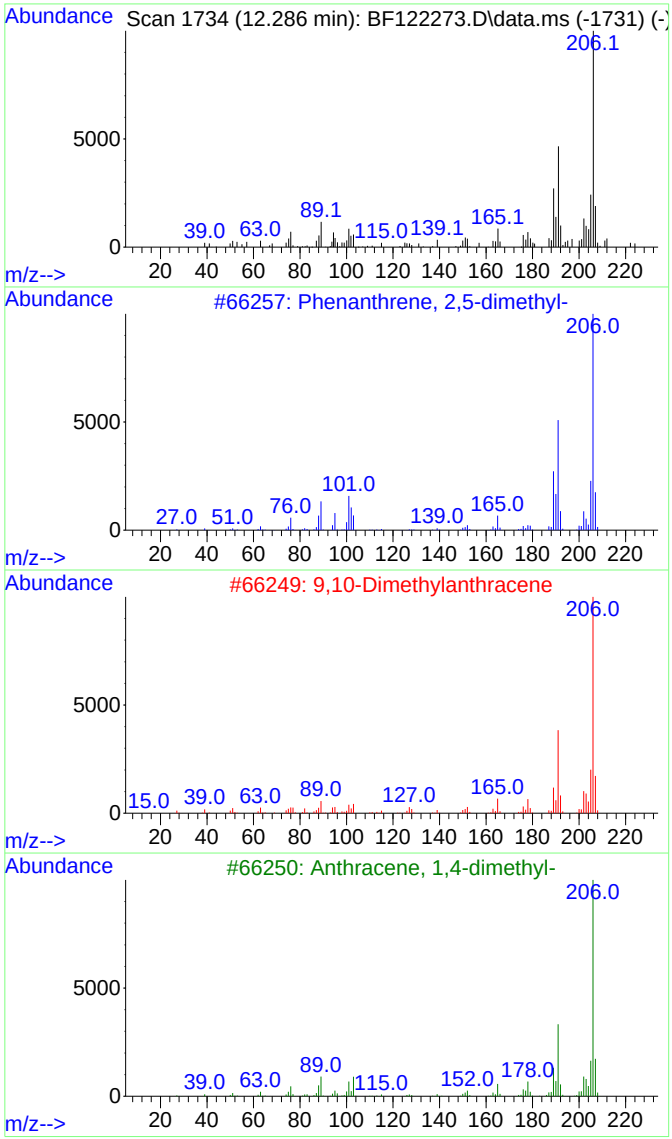
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

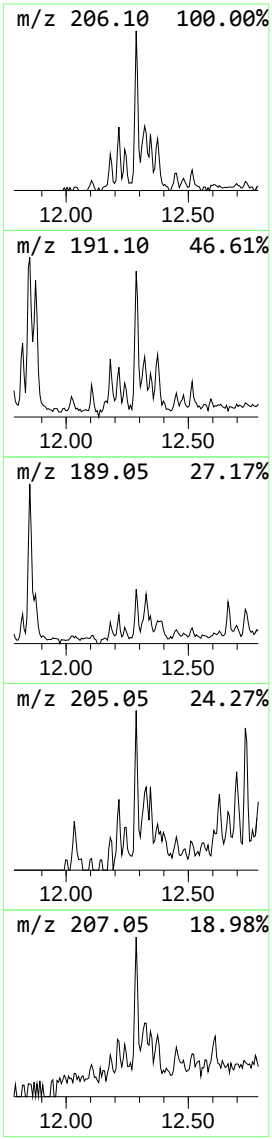
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.57 ng	78701	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1-m...	11.769	2.6	ng	81083	4	11.233	612791	20.0
4H-Cyclopenta[d...	11.851	3.0	ng	93223	4	11.233	612791	20.0
Phenanthrene, 2...	12.286	2.6	ng	78701	4	11.233	612791	20.0