LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141466.D
Acq On : 05 Feb 2025 23:41
Operator : RC/JU
Sample : Q1206-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-16.3-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	487	491	500	rVB	5140	7921	1.15%	0.116%
2	5.410	559	564	582	rBV	263814	371697	53.89%	5.427%
3	6.428	732	737	754	rBV	251284	370793	53.76%	5.414%
4	6.792	794	799	806	rBV	289404	375170	54.39%	5.478%
5	7.351	888	894	904	rBV	164895	226383	32.82%	3.305%
6	7.610	933	938	944	rVB3	4309	8194	1.19%	0.120%
7	8.075	1010	1017	1037	rBV	330424	471365	68.34%	6.882%
8	8.363	1059	1066	1072	rVB7	4874	10793	1.56%	0.158%
9	8.886	1152	1155	1162	rVB5	3921	7462	1.08%	0.109%
10	9.063	1182	1185	1188	rBV4	5235	7927	1.15%	0.116%
11	9.145	1194	1199	1208	rBV	285125	363814	52.75%	5.312%
12	9.228	1208	1213	1217	rBV3	10442	14862	2.15%	0.217%
13	9.416	1240	1245	1249	rBV3	4220	8438	1.22%	0.123%
14	9.480	1253	1256	1260	rVV2	6897	10753	1.56%	0.157%
15	9.533	1261	1265	1271	rVB2	17928	27373	3.97%	0.400%
16	9.692	1288	1292	1295	rBV6	8671	12614	1.83%	0.184%
17	9.739	1296	1300	1308	rVB6	11844	19786	2.87%	0.289%
18	9.828	1308	1315	1319	rBV	354802	458934	66.54%	6.701%
19	10.028	1346	1349	1353	rBV	7376	9333	1.35%	0.136%
20	10.069	1353	1356	1361	rVB4	5359	7941	1.15%	0.116%
21	10.145	1366	1369	1372	rBV3	7118	11604	1.68%	0.169%
22	10.233	1380	1384	1391	rBV5	8904	17514	2.54%	0.256%
23	10.375	1404	1408	1414	rVB2	9935	14883	2.16%	0.217%
24	10.539	1431	1436	1441	rVV	60498	75487	10.94%	1.102%
25	10.616	1444	1449	1461	rVB	170988	228709	33.16%	3.339%
26	10.739	1466	1470	1479	rVB3	16332	27833	4.04%	0.406%
27	11.051	1519	1523	1525	rBV5	7129	11120	1.61%	0.162%
28	11.122	1531	1535	1539	rVV2	7231	9167	1.33%	0.134%
29	11.180	1539	1545	1547	rVV6	8782	17625	2.56%	0.257%
30	11.210	1548	1550	1558	rVB	13217	18218	2.64%	0.266%
31	11.316	1563	1568	1571	rBV	367392	549796	79.71%	8.027%
32	11.386	1576	1580	1584	rVB	34649	46064	6.68%	0.673%
33	11.551	1604	1608	1614	rBV5	7604	17342	2.51%	0.253%
34	11.610	1615	1618	1621	rBV	9511	11649	1.69%	0.170%
35	11.816	1649	1653	1655	rBV	27698	35760	5.18%	0.522%
36	11.845	1655	1658	1663	rVV	57342	77904	11.29%	1.137%

LSC Area Percent Report

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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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.892	1663	1666	1668	rVV	17901	23602	3.42%	0.345%
38	11.927	1668	1672	1680	rVB	56121	104168	15.10%	1.521%
39	12.116	1700	1704	1706	rBV	22793	30855	4.47%	0.450%
40	12.298	1732	1735	1736	rBV	9672	10966	1.59%	0.160%
41	12.369	1744	1747	1750	rBV	22972	29169	4.23%	0.426%
42	12.451	1758	1761	1766	rBV	19743	26709	3.87%	0.390%
43	12.527	1769	1774	1779	rBV	368178	460043	66.70%	6.717%
44	12.757	1807	1813	1820	rBV	371975	547358	79.36%	7.992%
45	12.898	1833	1837	1845	rVB	265917	377836	54.78%	5.517%
46	13.186	1884	1886	1894	rBV2	30776	45499	6.60%	0.664%
47	13.957	2012	2017	2028	rVB2	353117	689746	100.00%	10.070%
48	14.998	2190	2194	2202	rVB	114164	238399	34.56%	3.481%
49	15.415	2262	2265	2277	rVB2	162420	302615	43.87%	4.418%

Sum of corrected areas: 6849193

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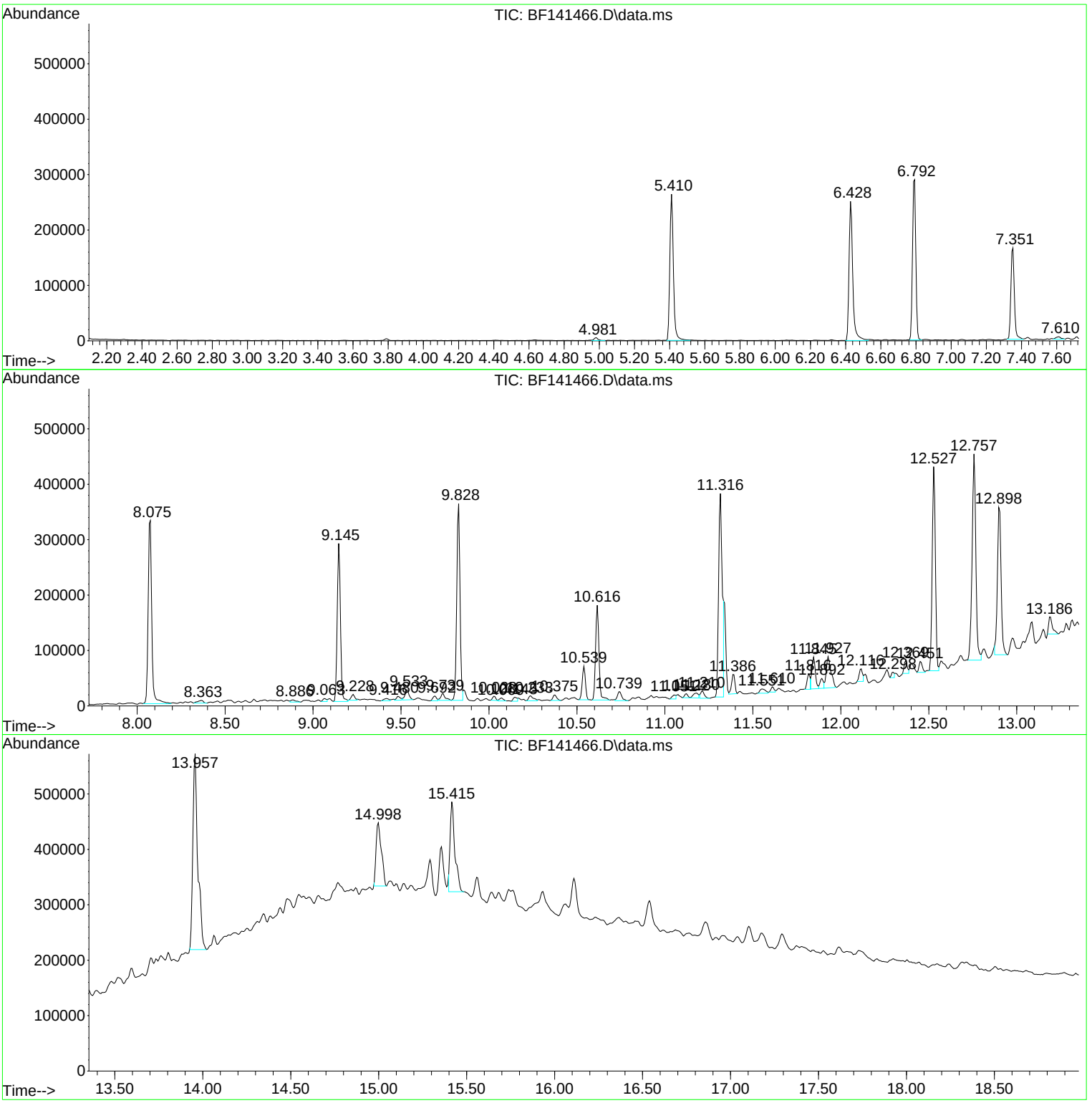
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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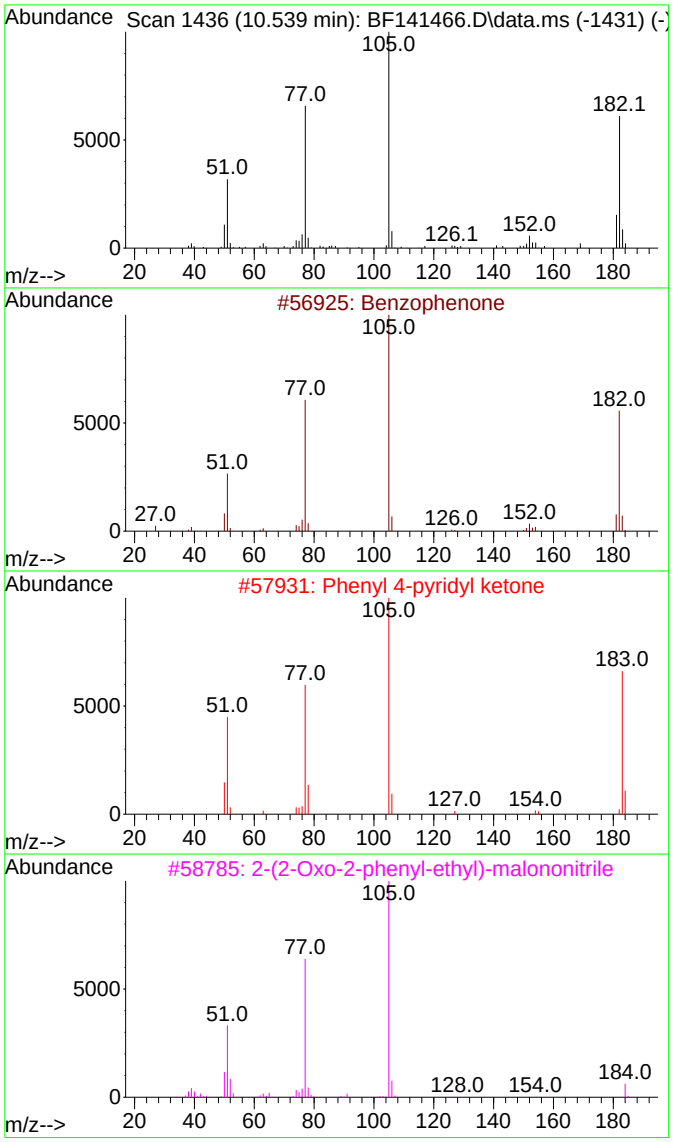
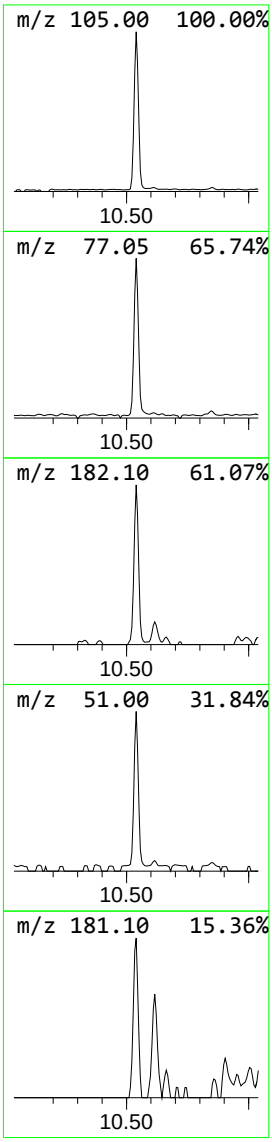
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	3.29 ng	75487	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
4	Ethyl 2-benzoyl-4-cyanobutanoate	245	C14H15NO3	1000486-83-9	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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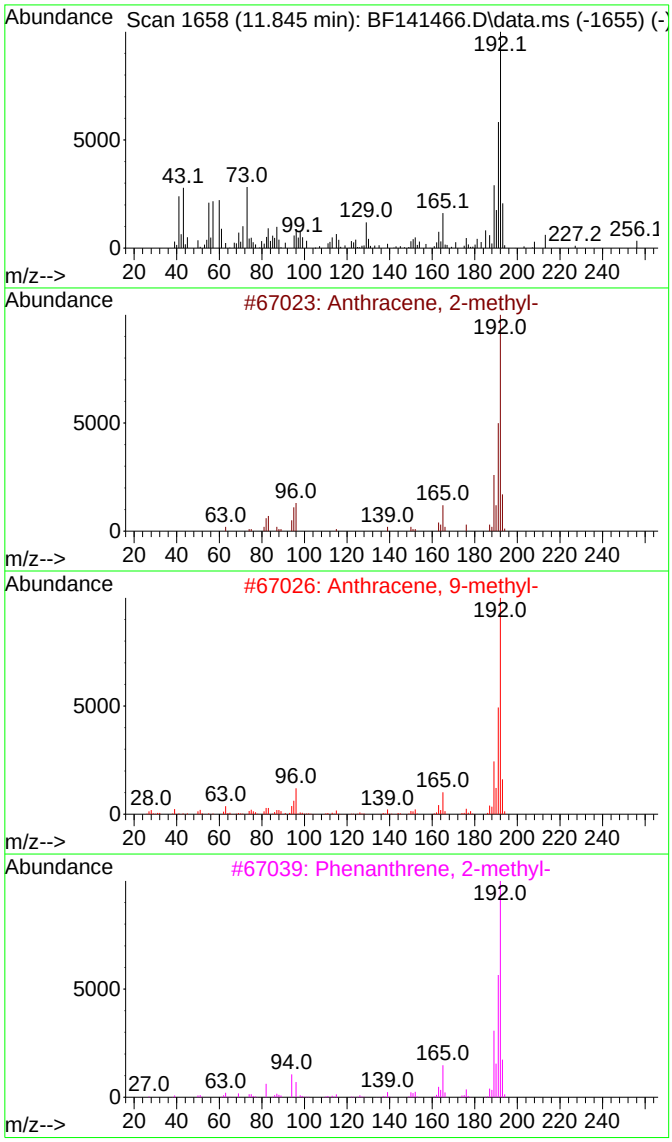
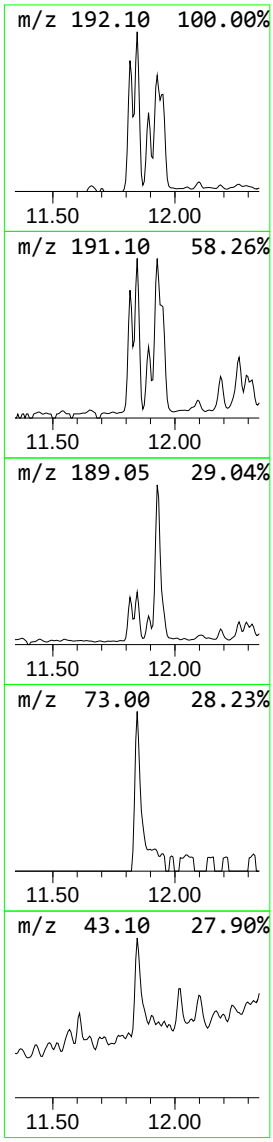
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	2.83 ng	77904	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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BNA_F
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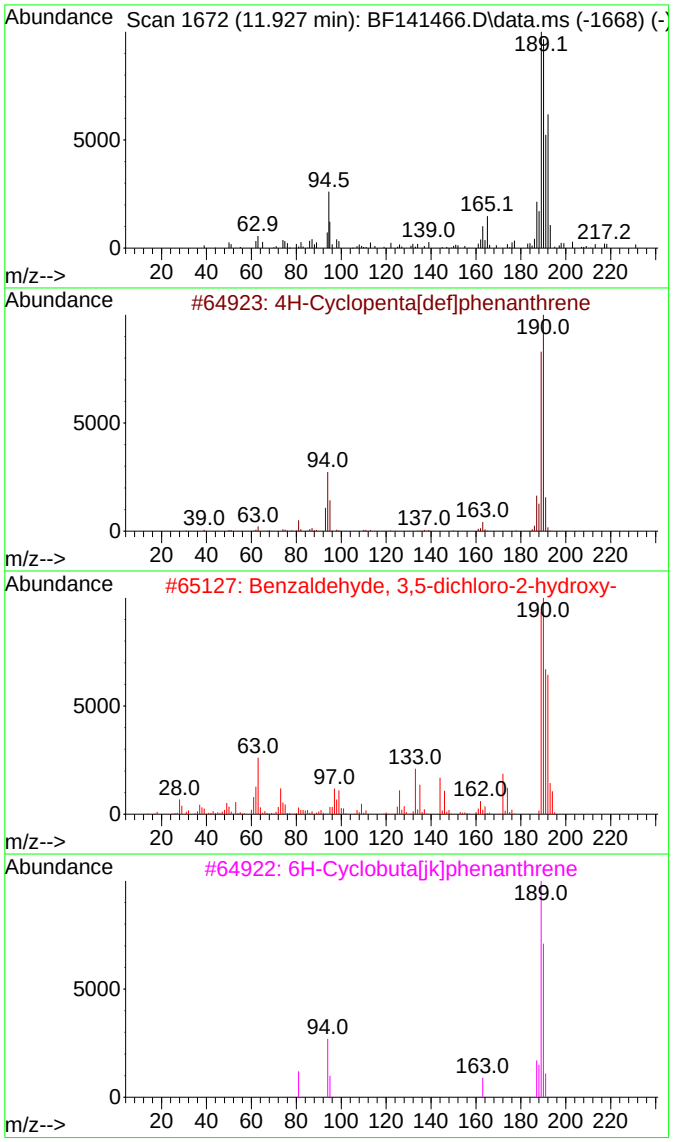
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

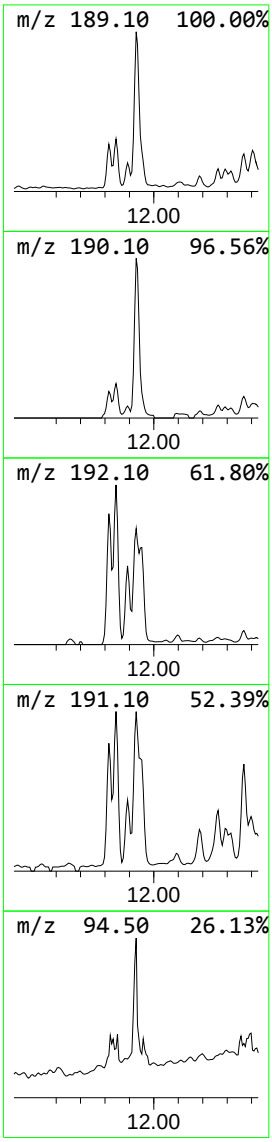
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.79 ng	104168	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	62
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.539	3.3	ng	75487	3	9.828	458934	20.0
Anthracene, 2-m...	11.845	2.8	ng	77904	4	11.316	549796	20.0
4H-Cyclopenta[d...	11.927	3.8	ng	104168	4	11.316	549796	20.0