LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141600.D
Acq On : 12 Feb 2025 19:38
Operator : RC/JU
Sample : Q1343-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	558	563	585	rBV	1369118	1905408	92.41%	10.718%
2	6.422	731	736	760	rBV	1383635	1948421	94.50%	10.960%
3	6.787	793	798	806	rBV	393521	510825	24.77%	2.873%
4	7.345	887	893	905	rBV	921428	1262302	61.22%	7.100%
5	7.610	933	938	959	rBV	31341	60838	2.95%	0.342%
6	8.069	1010	1016	1038	rVB	480966	678279	32.90%	3.815%
7	8.298	1047	1055	1063	rBV	14143	24933	1.21%	0.140%
8	9.139	1193	1198	1209	rBV	1610629	2061896	100.00%	11.598%
9	9.822	1308	1314	1327	rVB	558692	756594	36.69%	4.256%
10	10.534	1430	1435	1443	rBV	410774	515389	25.00%	2.899%
11	10.610	1443	1448	1464	rBV	1005550	1327256	64.37%	7.466%
12	10.845	1476	1488	1495	rBV	52836	80111	3.89%	0.451%
13	11.304	1561	1566	1575	rBV2	552581	959514	46.54%	5.397%
14	11.381	1575	1579	1584	rVB	36934	49884	2.42%	0.281%
15	11.810	1647	1652	1653	rBV	26672	32215	1.56%	0.181%
16	11.839	1653	1657	1667	rVV3	117607	252553	12.25%	1.421%
17	11.922	1667	1671	1680	rVB	52412	108927	5.28%	0.613%
18	12.104	1695	1702	1705	rBV2	20015	40051	1.94%	0.225%
19	12.328	1735	1740	1743	rBV	22124	33921	1.65%	0.191%
20	12.445	1756	1760	1765	rVB	17877	24399	1.18%	0.137%
21	12.516	1767	1772	1777	rBV	321270	425789	20.65%	2.395%
22	12.745	1804	1811	1817	rBV	266791	395841	19.20%	2.227%
23	12.798	1817	1820	1825	rVB3	15112	20898	1.01%	0.118%
24	12.892	1828	1836	1843	rBV	1199256	1589339	77.08%	8.940%
25	12.963	1843	1848	1855	rVB2	23063	45023	2.18%	0.253%
26	13.075	1860	1867	1871	rVB2	35753	74502	3.61%	0.419%
27	13.145	1873	1879	1881	rBV	19215	30338	1.47%	0.171%
28	13.180	1881	1885	1892	rVB3	30228	53234	2.58%	0.299%
29	13.369	1913	1917	1924	rVB3	19106	28564	1.39%	0.161%
30	13.586	1950	1954	1959	rVB	24717	34808	1.69%	0.196%
31	13.692	1968	1972	1975	rBV2	24585	38521	1.87%	0.217%
32	13.792	1986	1989	1994	rVB	33404	44427	2.15%	0.250%
33	13.945	2007	2015	2028	rBV3	459608	983696	47.71%	5.533%
34	14.345	2080	2083	2086	rVB	20652	23834	1.16%	0.134%
35	14.427	2094	2097	2102	rVB4	16951	25187	1.22%	0.142%
36	14.992	2188	2193	2202	rBV	143969	320515	15.54%	1.803%

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.063	2202	2205	2208	rVV	24798	35703	1.73%	0.201%
38	15.098	2208	2211	2215	rVB	22538	29618	1.44%	0.167%
39	15.286	2239	2243	2249	rVB	72107	109110	5.29%	0.614%
40	15.351	2249	2254	2259	rVV	98031	146672	7.11%	0.825%
41	15.410	2259	2264	2278	rVB	290913	513462	24.90%	2.888%
42	15.863	2337	2341	2347	rVB	18183	30885	1.50%	0.174%
43	16.845	2503	2508	2516	rVB2	37174	78045	3.79%	0.439%
44	17.280	2575	2582	2595	rBV	27082	66172	3.21%	0.372%

Sum of corrected areas: 17777899

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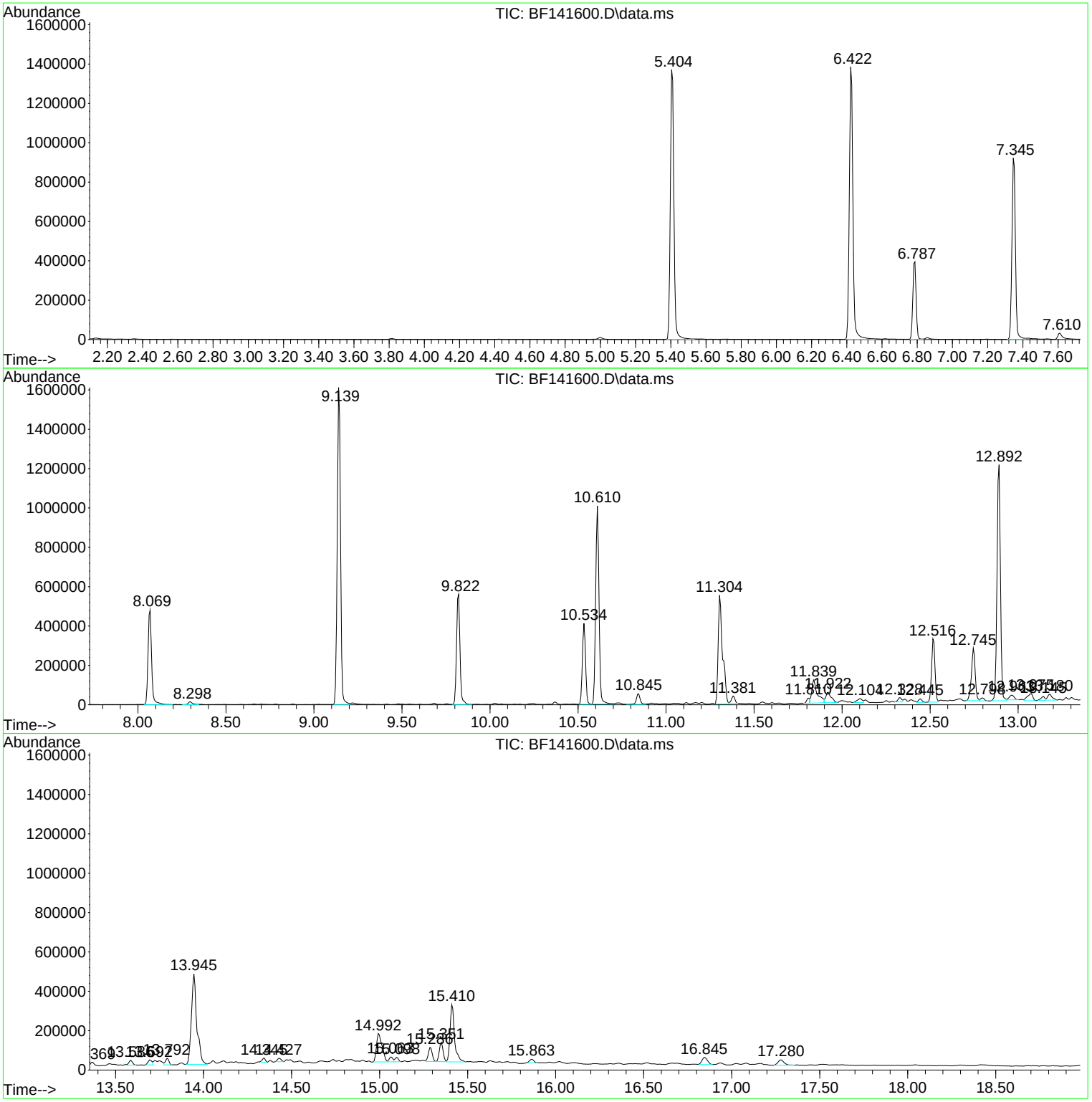
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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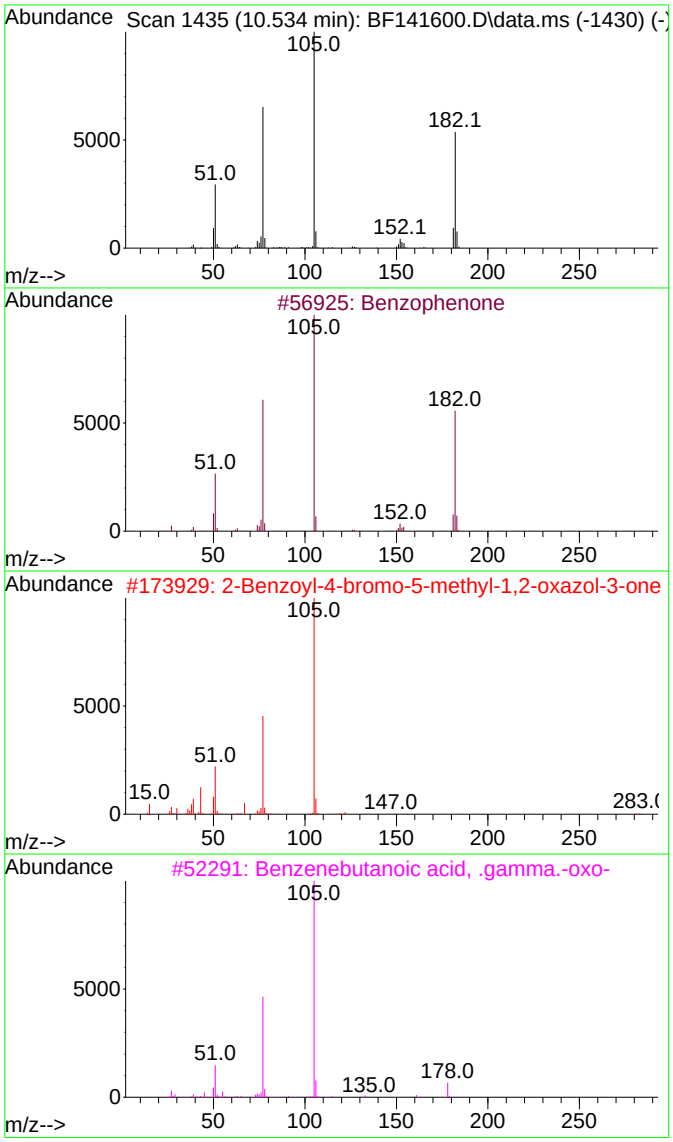
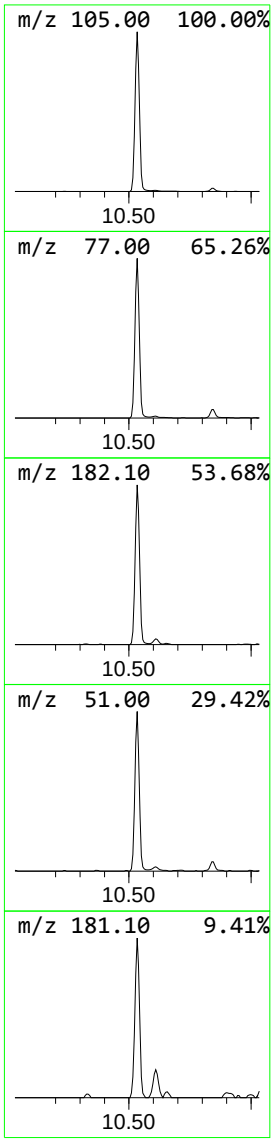
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	13.62 ng	515389	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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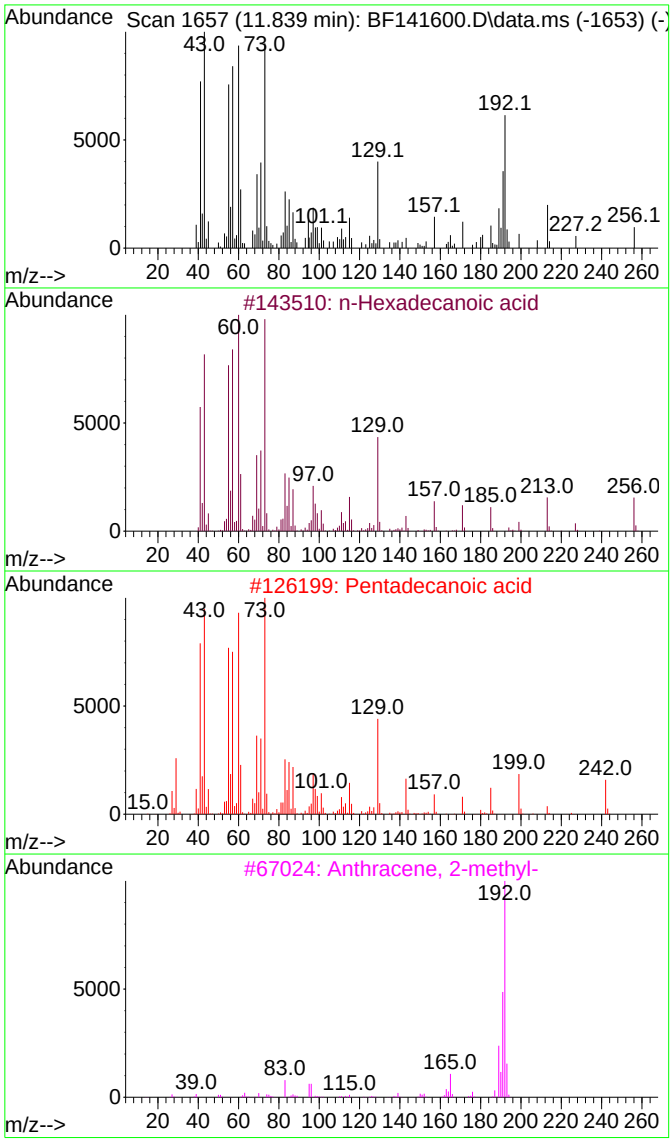
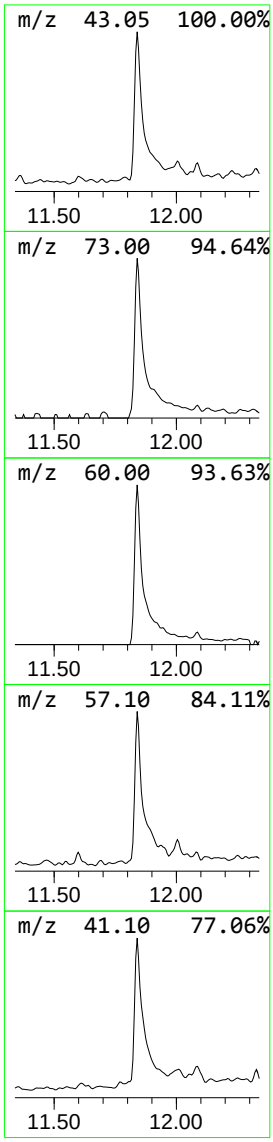
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	5.26 ng	252553	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	53





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BNA_F
ClientSampleId :
WC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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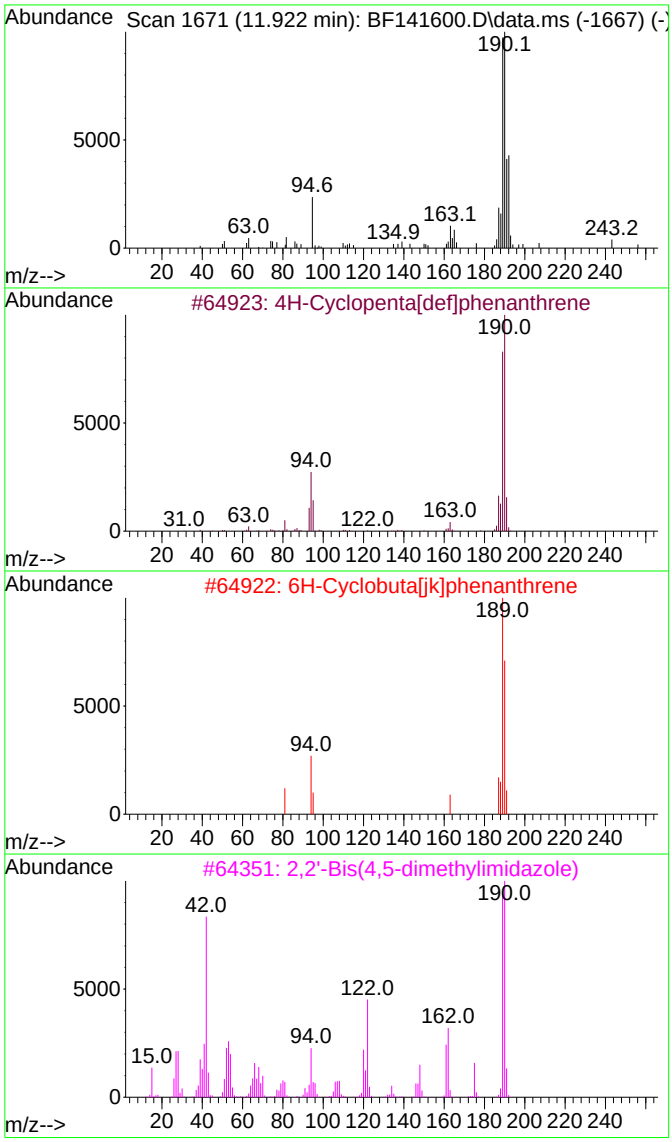
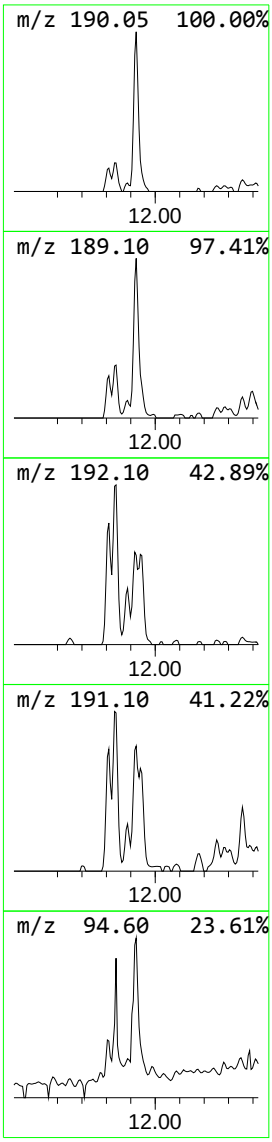
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.27 ng	108927	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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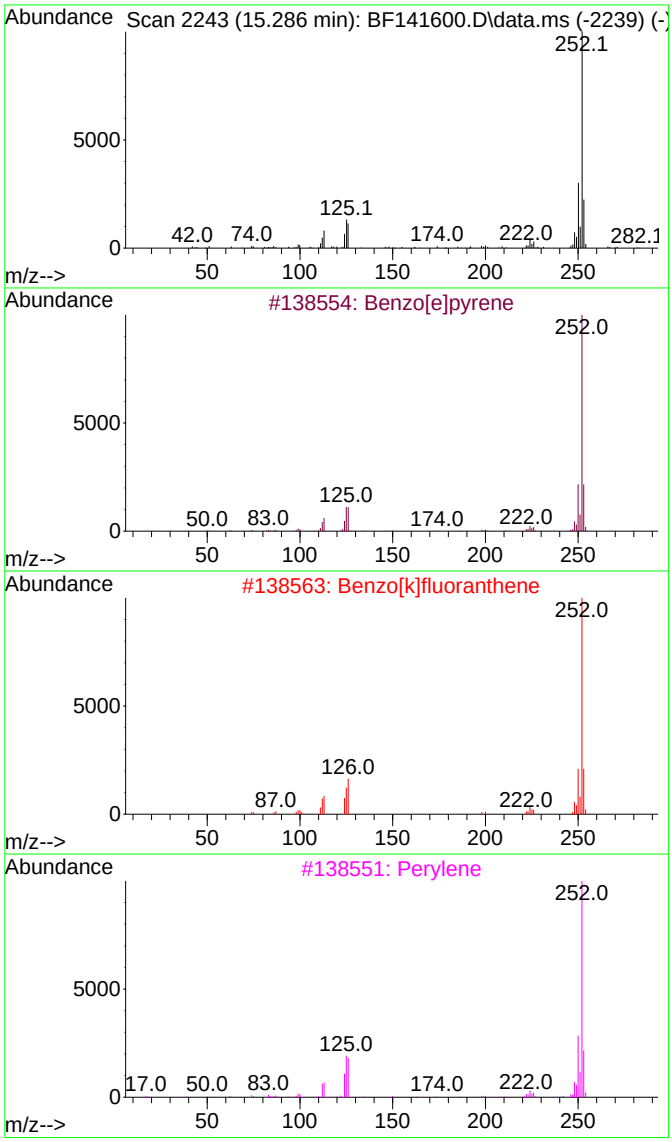
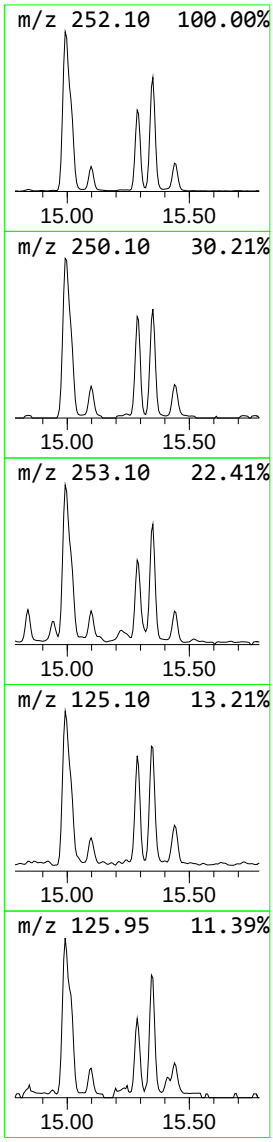
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	4.25 ng	109110	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.534	13.6	ng	515389	3	9.822	756594	20.0
n-Hexadecanoic ...	11.839	5.3	ng	252553	4	11.304	959514	20.0
4H-Cyclopenta[d...	11.922	2.3	ng	108927	4	11.304	959514	20.0
Benzo[e]pyrene	15.286	4.3	ng	109110	6	15.410	513462	20.0