LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140561.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	573	578	593	rBV	78382	118077	18.51%	2.033%
2	6.504	746	750	769	rBV	75895	119214	18.68%	2.052%
3	6.869	807	812	829	rBB	282850	353929	55.47%	6.093%
4	7.434	903	908	924	rBV	47292	73179	11.47%	1.260%
5	8.151	1025	1030	1048	rBV	343765	459418	72.01%	7.909%
6	8.869	1148	1152	1159	rBV	6427	10151	1.59%	0.175%
7	8.969	1164	1169	1175	rBV2	8239	13032	2.04%	0.224%
8	9.222	1208	1212	1222	rBV	113086	160892	25.22%	2.770%
9	9.304	1222	1226	1236	rVB5	5276	9991	1.57%	0.172%
10	9.563	1264	1270	1273	rBV3	6257	10606	1.66%	0.183%
11	9.622	1277	1280	1287	rVB6	3633	7328	1.15%	0.126%
12	9.681	1287	1290	1300	rVB3	4349	7078	1.11%	0.122%
13	9.769	1300	1305	1310	rBV	28943	36981	5.80%	0.637%
14	9.834	1310	1316	1322	rVB3	5911	8111	1.27%	0.140%
15	9.910	1323	1329	1333	rBV	365478	483629	75.80%	8.326%
16	10.116	1359	1364	1368	rBV2	8488	12037	1.89%	0.207%
17	10.228	1379	1383	1386	rBV4	4943	7135	1.12%	0.123%
18	10.334	1393	1401	1404	rBV3	9485	15194	2.38%	0.262%
19	10.457	1418	1422	1428	rBV	16900	24318	3.81%	0.419%
20	10.545	1428	1437	1444	rVV7	6194	16540	2.59%	0.285%
21	10.622	1444	1450	1457	rVV3	8853	17923	2.81%	0.309%
22	10.698	1457	1463	1474	rVB	52654	77616	12.16%	1.336%
23	10.810	1477	1482	1489	rVB4	12765	24791	3.89%	0.427%
24	11.004	1510	1515	1518	rBV3	6661	11109	1.74%	0.191%
25	11.151	1532	1540	1546	rBV7	3768	9442	1.48%	0.163%
26	11.251	1553	1557	1560	rBV2	9050	11700	1.83%	0.201%
27	11.292	1560	1564	1569	rVB2	9528	15542	2.44%	0.268%
28	11.398	1577	1582	1591	rBV2	344032	570065	89.35%	9.814%
29	11.475	1591	1595	1599	rVV	25598	31720	4.97%	0.546%
30	11.633	1618	1622	1626	rBV	9216	13944	2.19%	0.240%
31	11.680	1626	1630	1635	rVV4	8655	15076	2.36%	0.260%
32	11.733	1635	1639	1644	rVB2	6005	8370	1.31%	0.144%
33	11.904	1663	1668	1670	rBV	20285	30319	4.75%	0.522%
34	11.928	1670	1672	1677	rVV	25968	32346	5.07%	0.557%
35	11.980	1677	1681	1683	rVV	10166	14084	2.21%	0.242%
36	12.016	1683	1687	1695	rVB	34972	69054	10.82%	1.189%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.086	1696	1699	1704	rBV5	6724	9243	1.45%	0.159%
38	12.198	1714	1718	1721	rBV	12221	17120	2.68%	0.295%
39	12.227	1721	1723	1728	rVB5	9234	10039	1.57%	0.173%
40	12.345	1737	1743	1745	rBV4	5182	8531	1.34%	0.147%
41	12.451	1756	1761	1764	rBV	22336	32708	5.13%	0.563%
42	12.486	1764	1767	1773	rVV4	15509	27072	4.24%	0.466%
43	12.539	1773	1776	1784	rVB2	21245	29920	4.69%	0.515%
44	12.616	1784	1789	1793	rBV	164621	213308	33.43%	3.672%
45	12.710	1802	1805	1809	rVB	8523	8642	1.35%	0.149%
46	12.769	1810	1815	1821	rVB3	9695	20000	3.13%	0.344%
47	12.845	1821	1828	1834	rBV	216161	307469	48.19%	5.293%
48	12.898	1834	1837	1841	rVB2	11433	14897	2.33%	0.256%
49	12.980	1844	1851	1859	rVB	107124	158394	24.83%	2.727%
50	13.063	1860	1865	1871	rBV2	23141	44071	6.91%	0.759%
51	13.169	1876	1883	1887	rBV2	27576	58747	9.21%	1.011%
52	13.239	1891	1895	1898	rBV	15726	19452	3.05%	0.335%
53	13.274	1898	1901	1908	rVB	30957	42703	6.69%	0.735%
54	13.369	1913	1917	1920	rVV	21109	28798	4.51%	0.496%
55	13.404	1920	1923	1930	rVB2	20756	31737	4.97%	0.546%
56	13.551	1945	1948	1950	rBV4	7526	10298	1.61%	0.177%
57	13.686	1963	1971	1977	rBV2	20747	38791	6.08%	0.668%
58	13.792	1984	1989	1992	rBV2	22296	38512	6.04%	0.663%
59	13.845	1996	1998	2003	rVB2	10963	16888	2.65%	0.291%
60	14.045	2025	2032	2044	rBV2	312180	638036	100.00%	10.984%
61	14.198	2054	2058	2065	rBV4	14276	31547	4.94%	0.543%
62	14.433	2094	2098	2102	rBV	20956	28196	4.42%	0.485%
63	15.098	2206	2211	2226	rBV	119746	287621	45.08%	4.952%
64	15.210	2227	2230	2234	rVB	22591	29361	4.60%	0.505%
65	15.410	2259	2264	2269	rVB	53298	86820	13.61%	1.495%
66	15.468	2270	2274	2280	rVV	86006	138446	21.70%	2.383%
67	15.533	2280	2285	2302	rVB2	150974	296937	46.54%	5.112%
68	17.039	2535	2541	2550	rVB2	45736	101231	15.87%	1.743%
69	17.492	2612	2618	2628	rVB	34740	83046	13.02%	1.430%

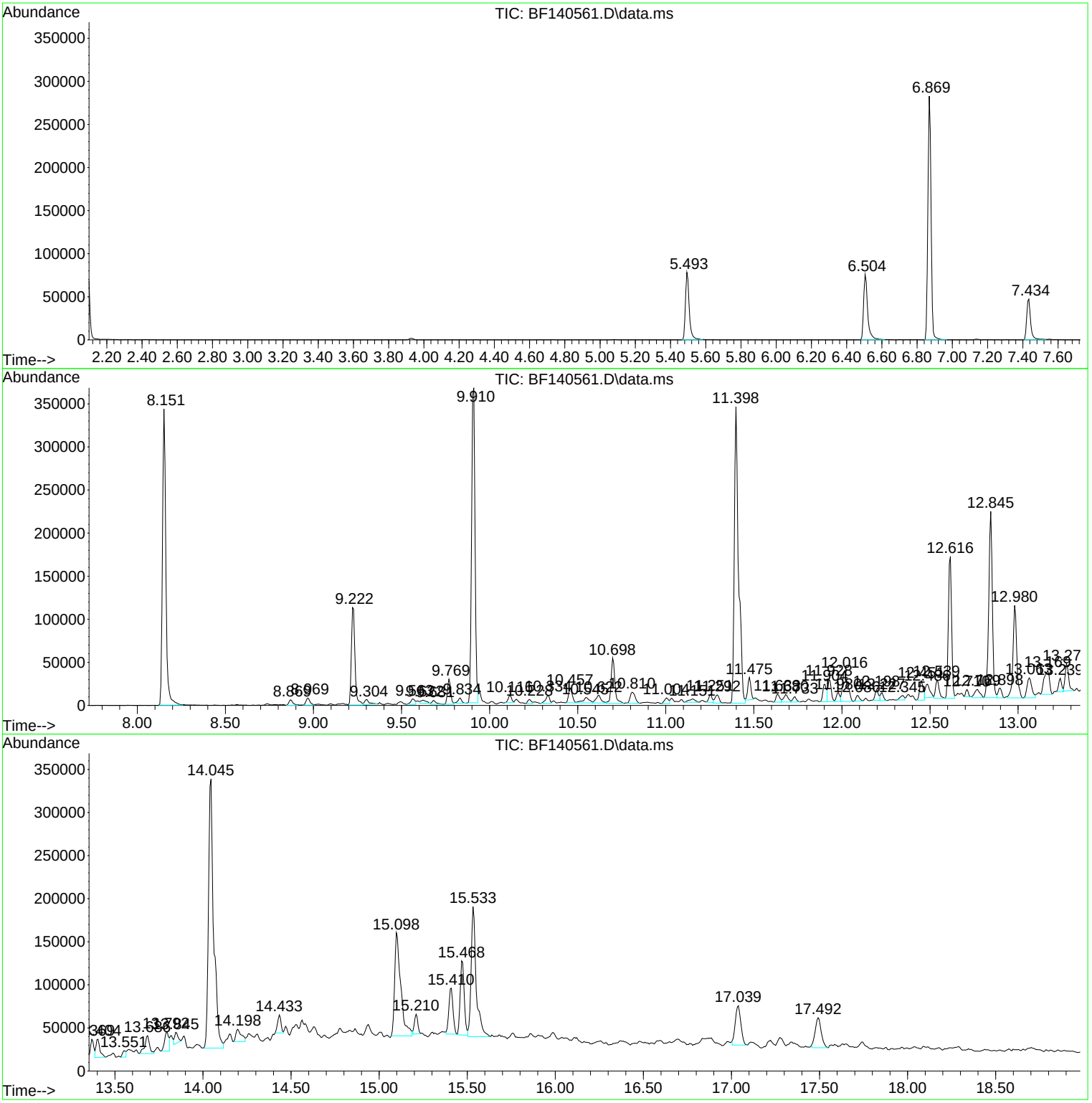
Sum of corrected areas: 5808522

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

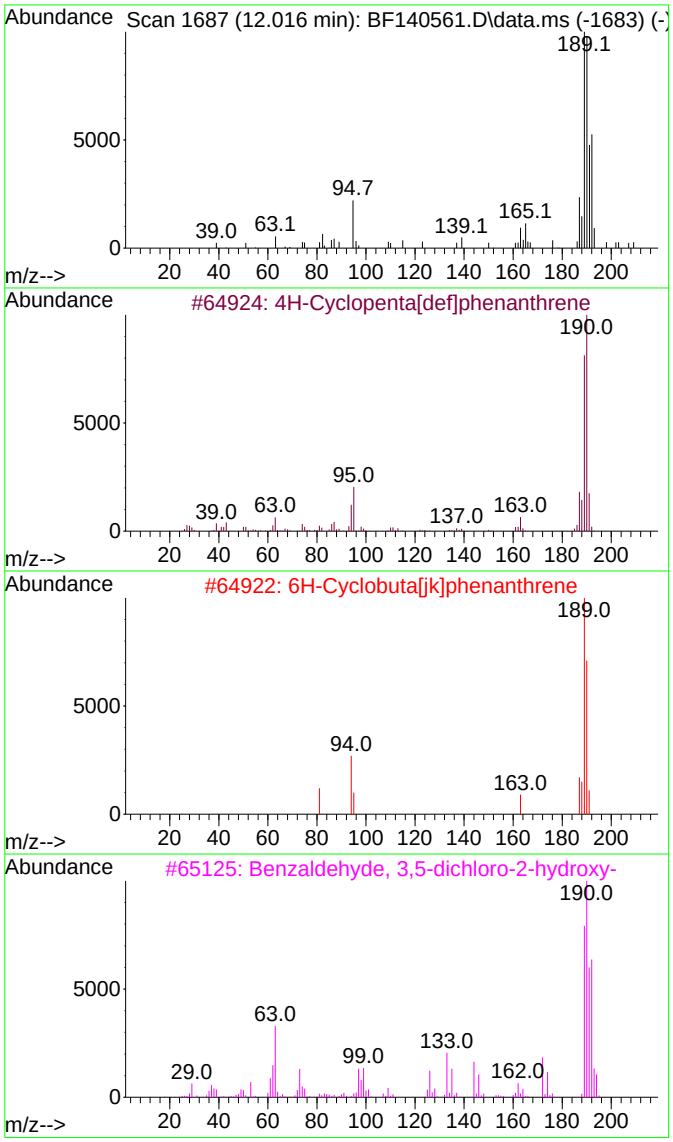
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

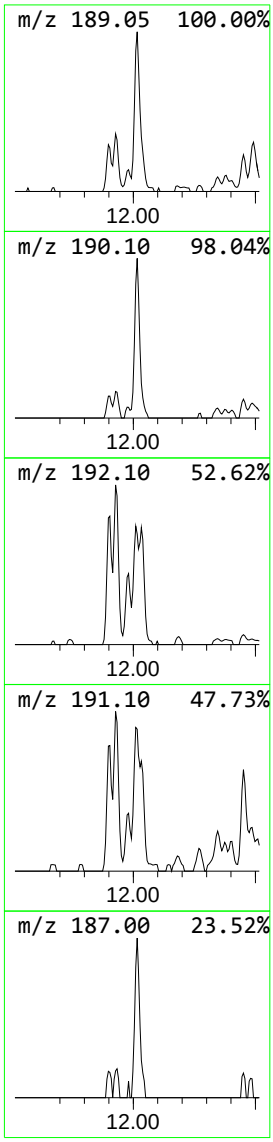
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.42 ng	69054	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

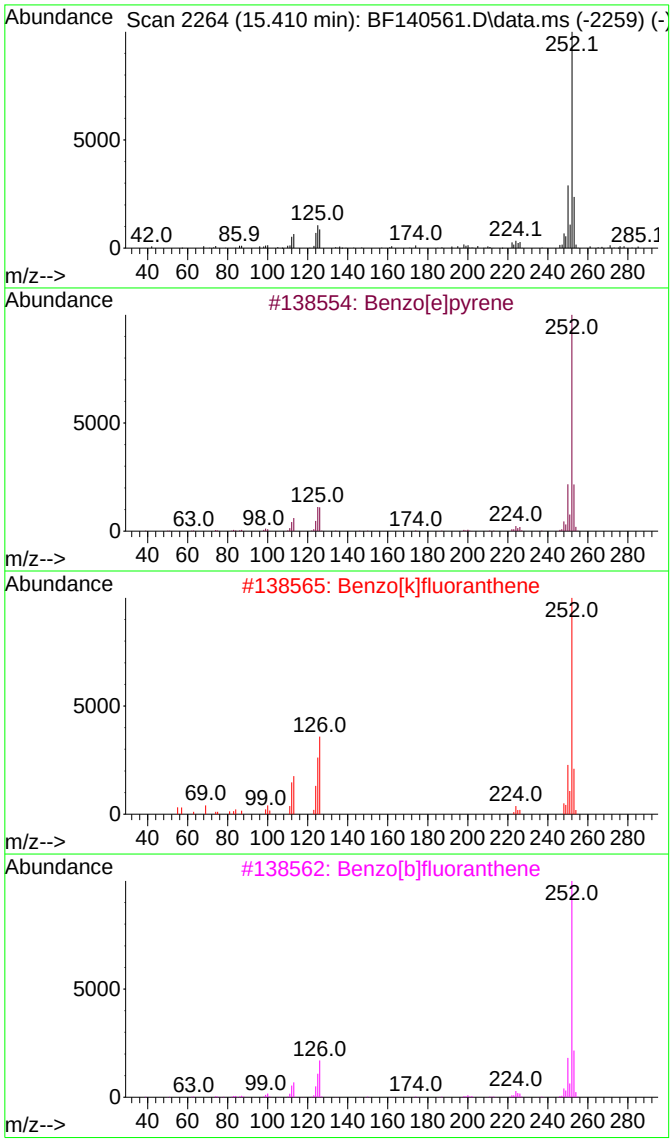
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

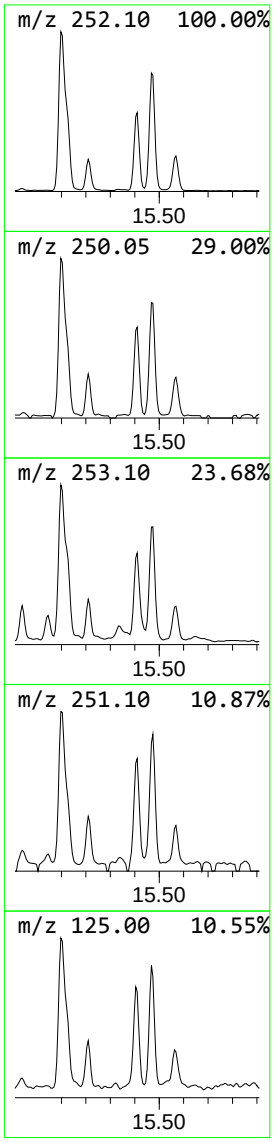
****

Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.85 ng	86820	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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
4H-Cyclopenta[d...	12.016	2.4	ng	69054	4	11.398	570065	20.0
Benzo[e]pyrene	15.410	5.8	ng	86820	6	15.533	296937	20.0