LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	442	445	451	rBV	40951	43465	2.79%	0.198%
2	5.351	518	521	535	rBV	531519	565156	36.30%	2.576%
3	6.381	692	696	709	rBV	628193	667212	42.85%	3.042%
4	6.722	750	754	758	rBV	952467	787283	50.56%	3.589%
5	7.286	846	850	862	rVB	558002	449855	28.89%	2.051%
6	8.004	967	972	975	rBV	1269943	1030635	66.19%	4.698%
7	8.028	975	976	979	rVB	52075	25863	1.66%	0.118%
8	9.080	1151	1155	1158	rBV	1104871	847408	54.43%	3.863%
9	9.763	1263	1271	1274	rBV	1428861	1214014	77.97%	5.534%
10	9.792	1274	1276	1279	rVB	157253	112563	7.23%	0.513%
11	9.963	1301	1305	1309	rBV	41475	37353	2.40%	0.170%
12	10.310	1360	1364	1367	rBV	99552	79610	5.11%	0.363%
13	10.374	1369	1375	1377	rBV	21083	25754	1.65%	0.117%
14	10.551	1402	1405	1410	rBV	450124	384629	24.70%	1.753%
15	10.857	1450	1457	1460	rBV3	17413	22886	1.47%	0.104%
16	11.057	1488	1491	1495	rVB	33323	30579	1.96%	0.139%
17	11.110	1495	1500	1502	rBV3	25907	32745	2.10%	0.149%
18	11.145	1502	1506	1511	rVB	43533	40571	2.61%	0.185%
19	11.251	1520	1524	1526	rBV	1332402	1205653	77.43%	5.496%
20	11.274	1526	1528	1531	rVV	943063	698636	44.87%	3.185%
21	11.321	1531	1536	1540	rVV	221235	202707	13.02%	0.924%
22	11.363	1540	1543	1548	rVB	24191	25281	1.62%	0.115%
23	11.486	1558	1564	1571	rBV2	146751	153771	9.88%	0.701%
24	11.545	1571	1574	1578	rBV4	18757	23257	1.49%	0.106%
25	11.645	1585	1591	1593	rBV2	34292	38445	2.47%	0.175%
26	11.751	1605	1609	1611	rBV	76269	67797	4.35%	0.309%
27	11.780	1611	1614	1617	rVB	110670	94923	6.10%	0.433%
28	11.827	1617	1622	1625	rBV	45789	40266	2.59%	0.184%
29	11.863	1625	1628	1630	rBV2	197281	180864	11.62%	0.824%
30	11.886	1630	1632	1637	rVB	54161	47346	3.04%	0.216%
31	11.933	1637	1640	1643	rBV2	17493	20664	1.33%	0.094%
32	12.045	1656	1659	1662	rVB	69382	54763	3.52%	0.250%
33	12.080	1662	1665	1668	rVB	57462	46174	2.97%	0.210%
34	12.304	1699	1703	1705	rBV	36205	41761	2.68%	0.190%
35	12.339	1705	1709	1714	rVV3	36343	52698	3.38%	0.240%
36	12.392	1714	1718	1722	rVV3	38209	44590	2.86%	0.203%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
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Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.463	1726	1730	1734	rVB	1535555	1402945	90.11%	6.395%
38	12.527	1739	1741	1745	rVB	35087	29892	1.92%	0.136%
39	12.610	1749	1755	1759	rBV2	52295	68956	4.43%	0.314%
40	12.692	1763	1769	1775	rBV	1234333	1436864	92.28%	6.550%
41	12.739	1775	1777	1780	rVB	47465	43178	2.77%	0.197%
42	12.774	1780	1783	1786	rVB	26453	24476	1.57%	0.112%
43	12.833	1790	1793	1796	rVV	869305	746768	47.96%	3.404%
44	12.857	1796	1797	1801	rVB	85997	48447	3.11%	0.221%
45	12.915	1801	1807	1810	rBV4	74201	125248	8.04%	0.571%
46	12.945	1810	1812	1815	rBV	33640	27169	1.74%	0.124%
47	12.998	1817	1821	1822	rBV3	71295	74651	4.79%	0.340%
48	13.021	1822	1825	1828	rVB	198685	193667	12.44%	0.883%
49	13.057	1828	1831	1833	rBV2	20785	23152	1.49%	0.106%
50	13.086	1833	1836	1839	rVB	159692	135986	8.73%	0.620%
51	13.127	1839	1843	1845	rBV2	113813	137399	8.82%	0.626%
52	13.145	1845	1846	1850	rVB2	80746	63817	4.10%	0.291%
53	13.180	1850	1852	1855	rVB	36273	30236	1.94%	0.138%
54	13.215	1855	1858	1861	rBV	52401	52862	3.40%	0.241%
55	13.251	1861	1864	1867	rBV2	56971	58239	3.74%	0.265%
56	13.404	1887	1890	1892	rBV3	26173	32343	2.08%	0.147%
57	13.445	1895	1897	1900	rVV	58133	54692	3.51%	0.249%
58	13.510	1904	1908	1910	rBV2	28964	32756	2.10%	0.149%
59	13.539	1910	1913	1916	rVB	67099	65255	4.19%	0.297%
60	13.645	1926	1931	1933	rBV	128299	128636	8.26%	0.586%
61	13.668	1933	1935	1937	rVB	99049	70270	4.51%	0.320%
62	13.692	1937	1939	1941	rBV	65008	66126	4.25%	0.301%
63	13.745	1946	1948	1954	rVV	79314	83133	5.34%	0.379%
64	13.810	1955	1959	1965	rVB	35948	47352	3.04%	0.216%
65	13.898	1965	1974	1976	rBV2	994474	1556990	100.00%	7.098%
66	13.921	1976	1978	1981	rVV	563501	460796	29.60%	2.101%
67	13.992	1985	1990	1995	rVV2	201096	310674	19.95%	1.416%
68	14.051	1997	2000	2005	rVV4	35634	64004	4.11%	0.292%
69	14.092	2005	2007	2009	rVV	57008	56369	3.62%	0.257%
70	14.127	2011	2013	2016	rVV	80500	69853	4.49%	0.318%
71	14.215	2025	2028	2030	rBV2	21469	21464	1.38%	0.098%
72	14.245	2030	2033	2035	rBV2	68991	66113	4.25%	0.301%
73	14.280	2035	2039	2042	rVV	101574	120694	7.75%	0.550%
74	14.315	2042	2045	2049	rVB2	50015	45767	2.94%	0.209%
75	14.362	2049	2053	2054	rBV4	40465	44734	2.87%	0.204%
76	14.380	2054	2056	2058	rVV	52537	46926	3.01%	0.214%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.409	2058	2061	2062	rVV2	60408	62423	4.01%	0.285%
78	14.427	2062	2064	2067	rVV	78458	75055	4.82%	0.342%
79	14.462	2067	2070	2071	rVV2	25920	28167	1.81%	0.128%
80	14.480	2071	2073	2076	rVB2	33540	28460	1.83%	0.130%
81	14.598	2090	2093	2096	rBV2	62245	72500	4.66%	0.330%
82	14.662	2101	2104	2106	rBV3	20231	21121	1.36%	0.096%
83	14.768	2119	2122	2126	rBV2	62540	81312	5.22%	0.371%
84	14.874	2138	2140	2142	rVB	26149	20624	1.32%	0.094%
85	14.921	2144	2148	2151	rBV	578828	823649	52.90%	3.755%
86	15.027	2163	2166	2170	rBV	99971	102772	6.60%	0.468%
87	15.109	2177	2180	2182	rBV3	40582	52892	3.40%	0.241%
88	15.215	2193	2198	2204	rVB	365412	441863	28.38%	2.014%
89	15.274	2204	2208	2214	rVB	474901	535535	34.40%	2.441%
90	15.339	2214	2219	2222	rBV	567505	742076	47.66%	3.383%
91	15.362	2222	2223	2230	rVB2	154365	167637	10.77%	0.764%
92	15.509	2243	2248	2250	rBV3	27116	45696	2.93%	0.208%
93	15.874	2307	2310	2313	rVB2	35430	38551	2.48%	0.176%
94	16.386	2394	2397	2402	rBV4	16910	35991	2.31%	0.164%
95	16.745	2452	2458	2466	rBV	211924	415328	26.68%	1.893%
96	16.909	2482	2486	2492	rBV2	37808	72482	4.66%	0.330%
97	16.974	2492	2497	2501	rVB4	28532	50215	3.23%	0.229%
98	17.174	2525	2531	2540	rVB2	149580	306902	19.71%	1.399%
99	17.409	2566	2571	2577	rBV4	37572	87073	5.59%	0.397%
100	17.515	2587	2589	2595	rBV7	11084	22204	1.43%	0.101%

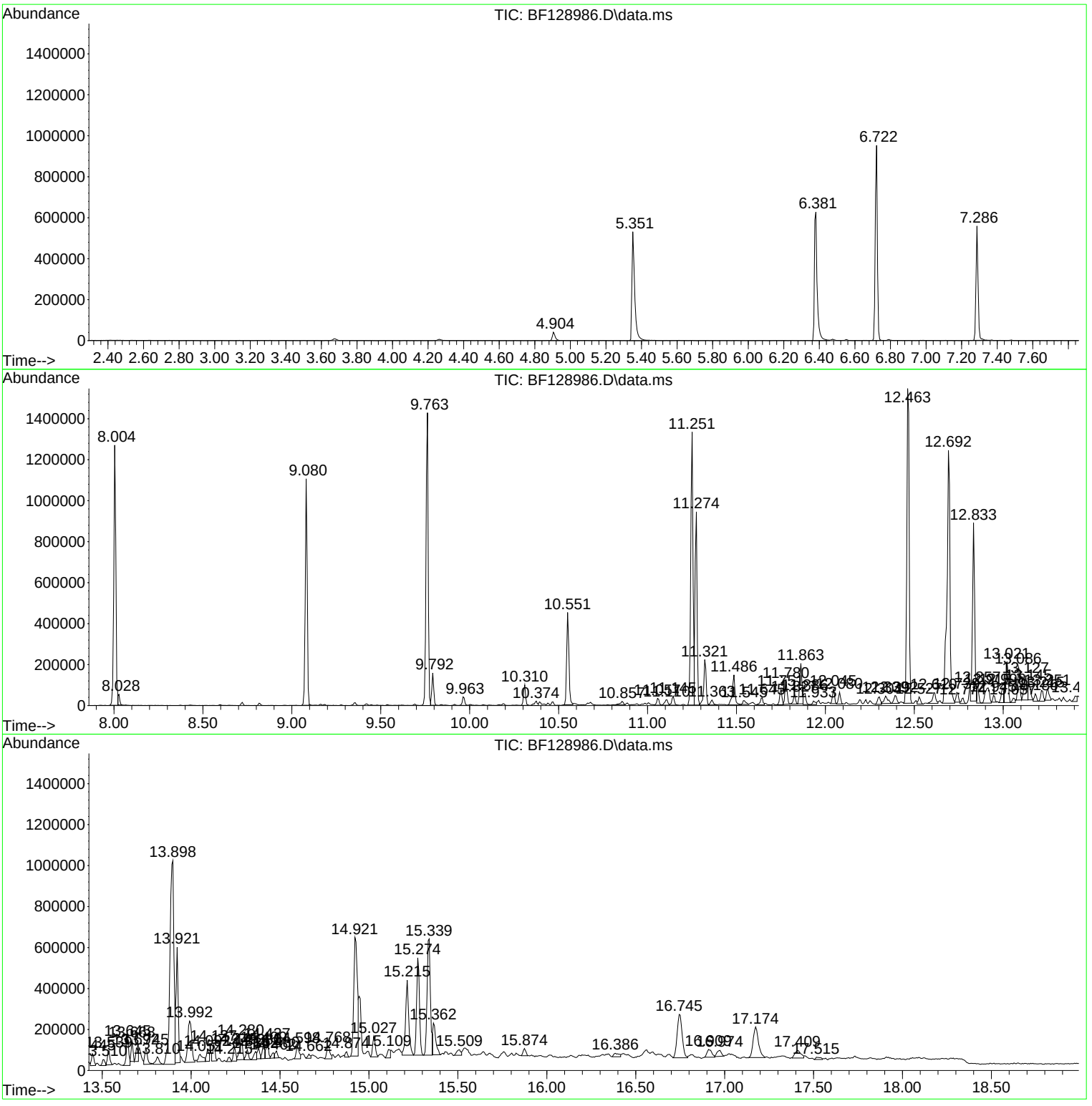
Sum of corrected areas: 21936604

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
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Instrument :
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ClientSampleId :
SB-6-0-2-20220622

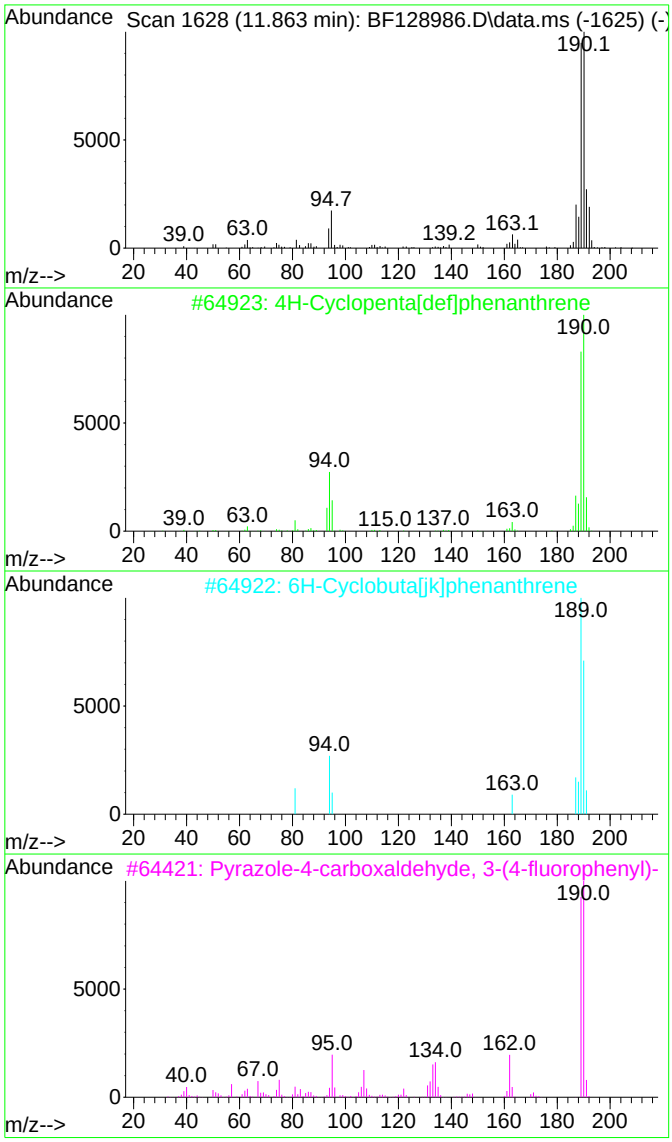
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

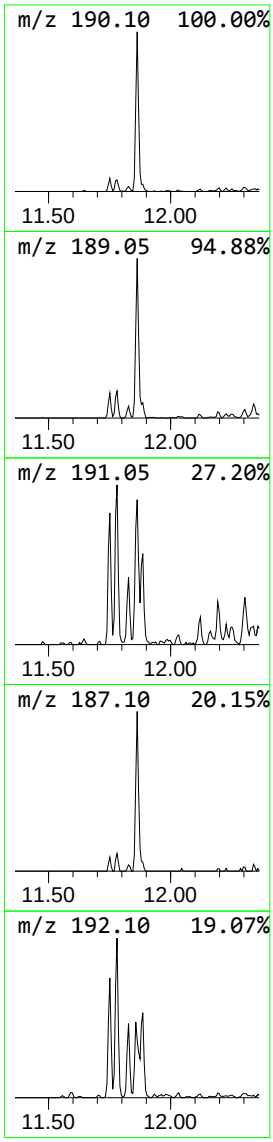
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.00 ng	180864	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	Pyrimidine, 6-oxo-4-(4-fluorophe...	190	C10H7FN2O	085979-57-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

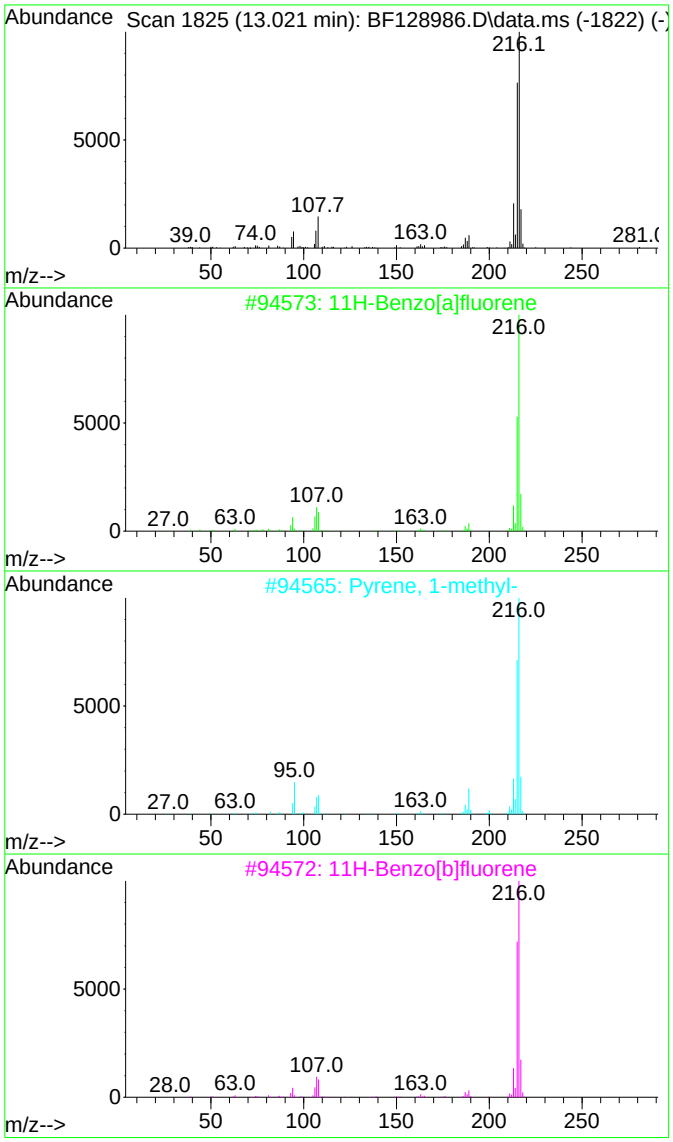
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

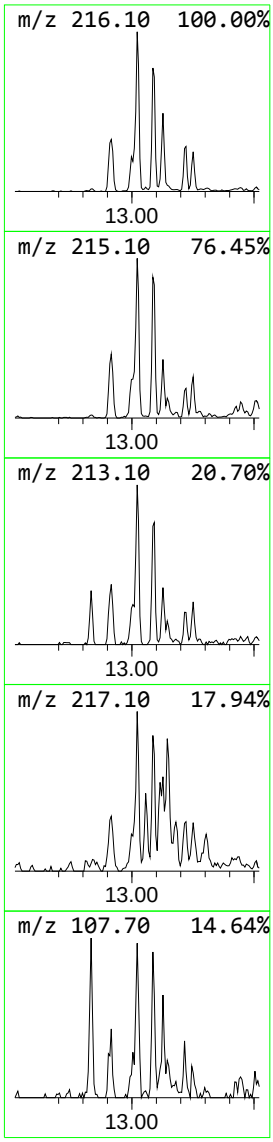
****

Peak Number 2 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.49 ng	193667	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

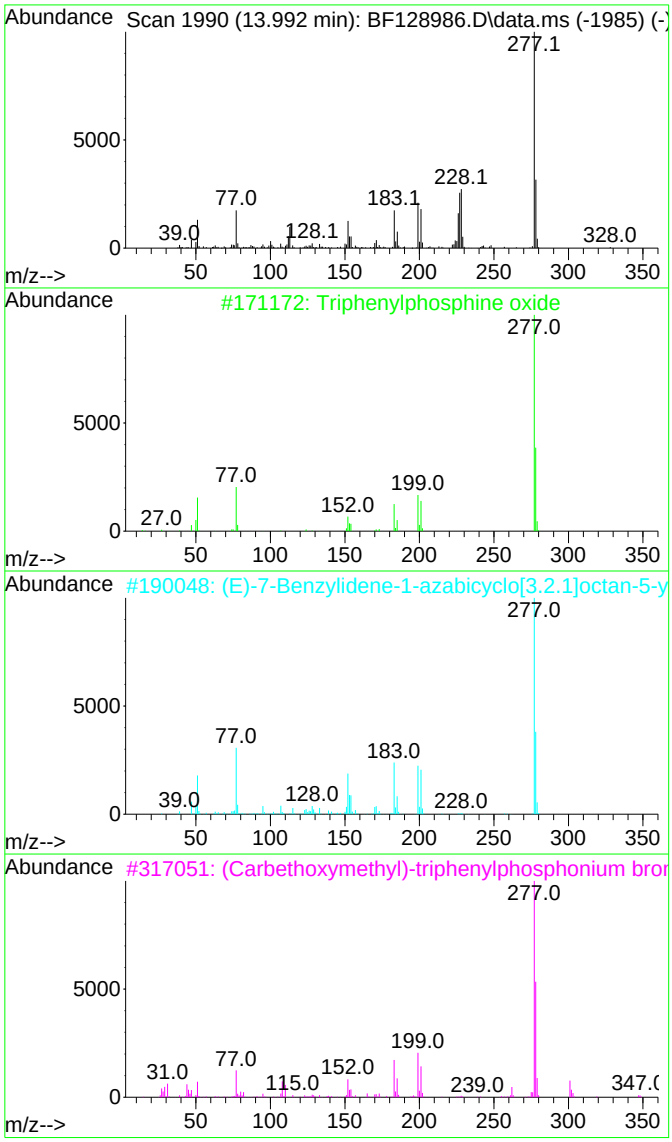
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

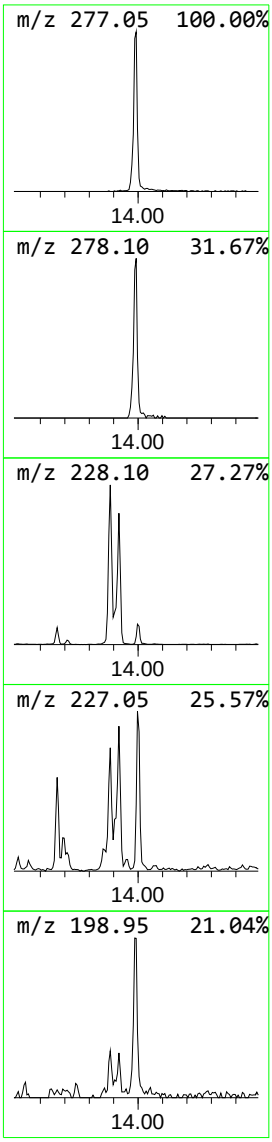
****

Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	3.99 ng	310674	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	32





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Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

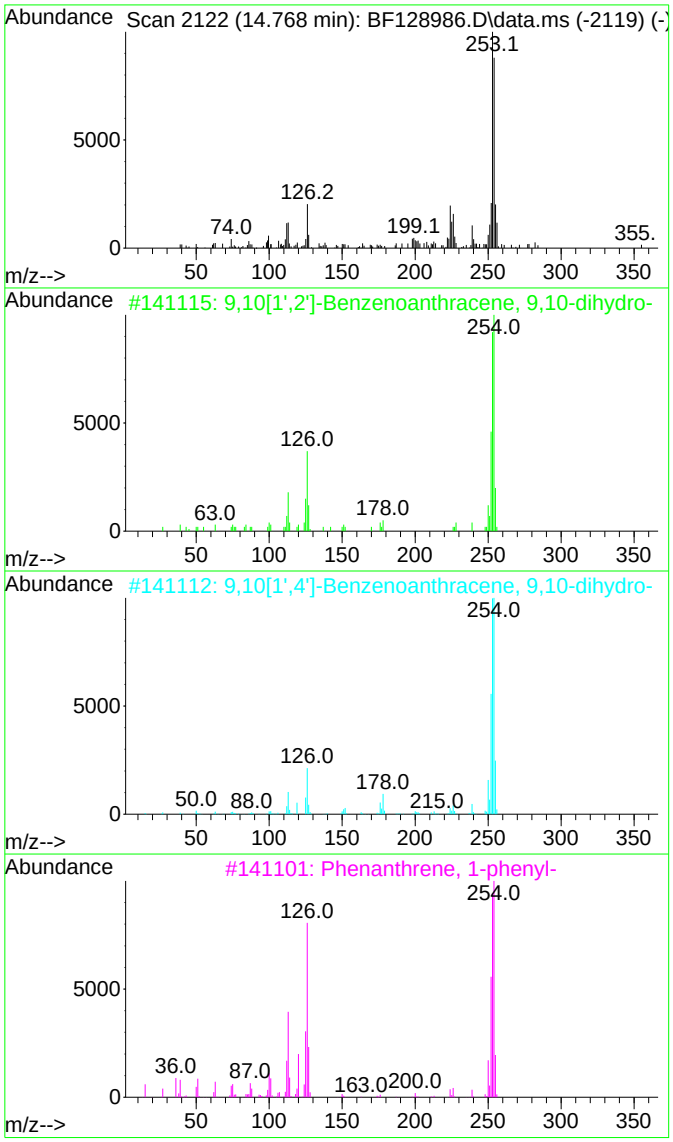
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

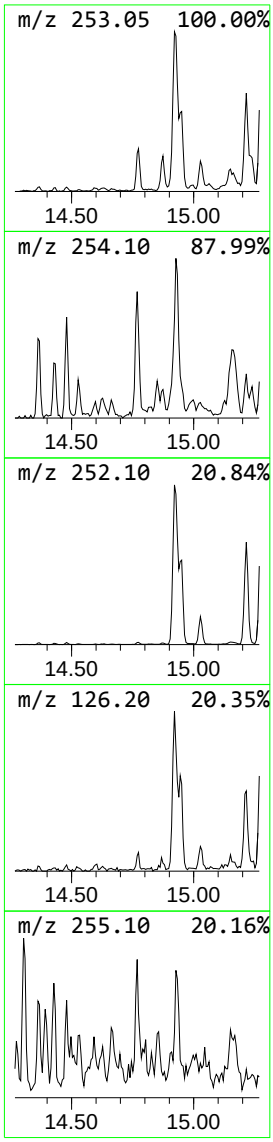
****

Peak Number 4 9,10[1',2']-Benzenoanthrace... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	2.19 ng	81312	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	89
2	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	81
3	Phenanthrene, 1-phenyl-	254	C20H14	004325-76-2	76
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	74
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

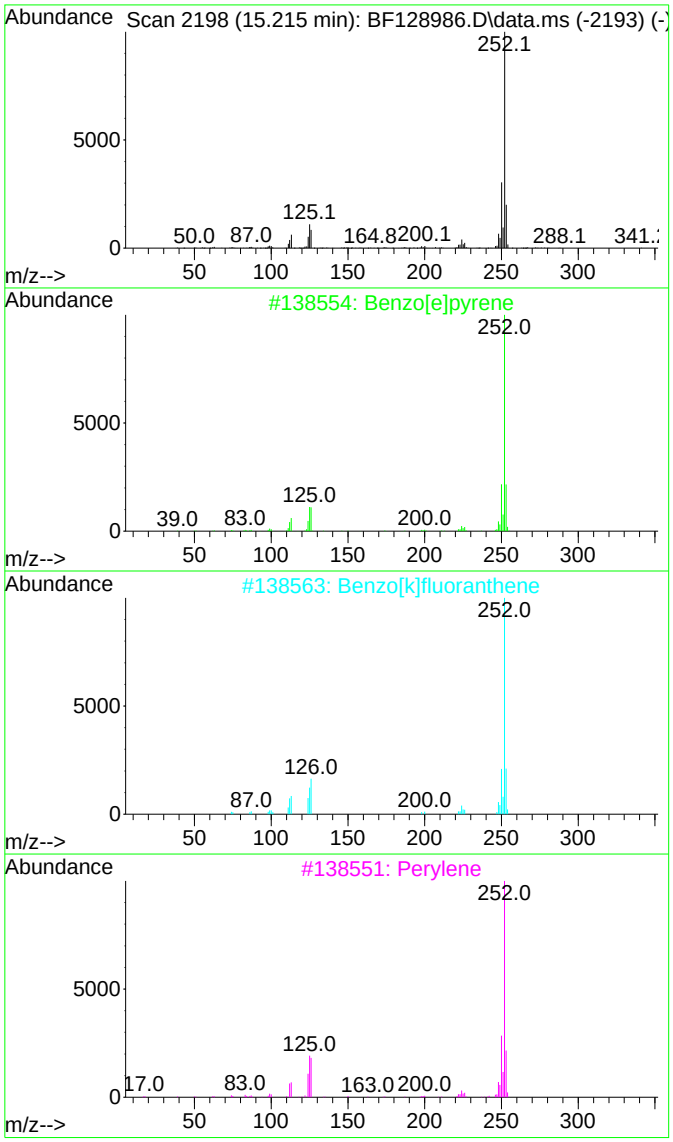
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

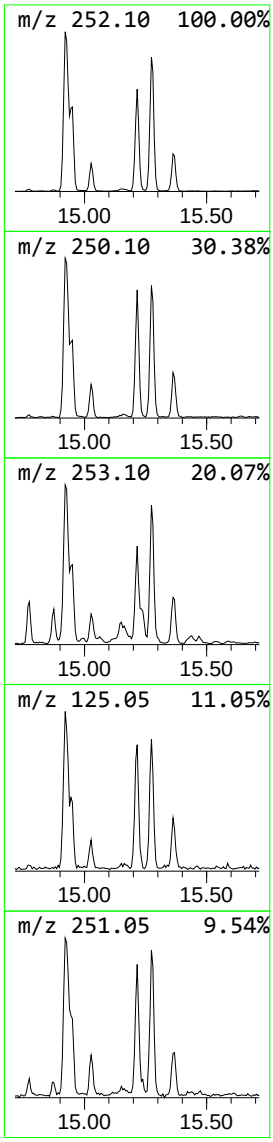
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	11.91 ng	441863	Perylene-d12	15.339

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128986.D
Acq On : 24 Jun 2022 13:34
Operator : CG\JU
Sample : N3462-04 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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...	11.863	3.0	ng	180864	4	11.251	1205650	20.0
11H-Benzo[a]flu...	13.021	2.5	ng	193667	5	13.898	1556990	20.0
Triphenylphosph...	13.992	4.0	ng	310674	5	13.898	1556990	20.0
9,10[1',2']-Ben...	14.768	2.2	ng	81312	6	15.339	742076	20.0
Benzo[e]pyrene	15.215	11.9	ng	441863	6	15.339	742076	20.0