

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006211.D
 Acq On : 13 Jul 2021 21:08
 Operator : CG/JU
 Sample : M3012-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP2

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_P\Methods\8270E-BP070721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	394	400	417	rBV	367191	730993	18.92%	2.282%
2	5.840	462	468	478	rBV2	29583	66858	1.73%	0.209%
3	7.052	669	674	694	rBV	295231	707331	18.31%	2.208%
4	7.511	743	752	762	rBV6	16327	41820	1.08%	0.131%
5	7.852	804	810	827	rBV	638173	1083979	28.06%	3.384%
6	9.034	1002	1011	1026	rBV	193477	451635	11.69%	1.410%
7	10.481	1252	1257	1271	rBV3	20574	72113	1.87%	0.225%
8	10.658	1280	1287	1303	rBV	816017	1520572	39.36%	4.747%
9	12.181	1534	1546	1557	rBV2	16780	54216	1.40%	0.169%
10	13.116	1696	1705	1717	rBV	548763	873536	22.61%	2.727%
11	13.957	1838	1848	1855	rBV	50639	100286	2.60%	0.313%
12	14.216	1885	1892	1904	rBV	235839	379524	9.82%	1.185%
13	14.487	1932	1938	1947	rBV	1162240	1747143	45.22%	5.455%
14	15.987	2188	2193	2207	rBV	437370	700520	18.13%	2.187%
15	16.234	2231	2235	2243	rVB2	28791	53740	1.39%	0.168%
16	17.240	2400	2406	2411	rBV	1351993	1920193	49.70%	5.995%
17	17.281	2411	2413	2420	rVB	202664	281892	7.30%	0.880%
18	17.381	2425	2430	2435	rVB	78785	124485	3.22%	0.389%
19	17.757	2491	2494	2500	rVB2	48501	67102	1.74%	0.209%
20	18.122	2550	2556	2559	rBV3	90614	175225	4.54%	0.547%
21	18.157	2559	2562	2567	rVB	54610	79775	2.06%	0.249%
22	18.298	2581	2586	2590	rBV2	116444	192098	4.97%	0.600%
23	18.592	2632	2636	2642	rBV	85337	116765	3.02%	0.365%
24	18.992	2700	2704	2708	rBV2	66855	110288	2.85%	0.344%
25	19.139	2725	2729	2735	rVB	89359	138377	3.58%	0.432%
26	19.251	2742	2748	2753	rBV	1393086	1851649	47.93%	5.781%
27	19.398	2769	2773	2779	rVB	166697	215255	5.57%	0.672%
28	19.598	2803	2807	2816	rVB	2126555	2856961	73.95%	8.920%
29	19.792	2835	2840	2844	rBV	789938	976337	25.27%	3.048%
30	20.375	2936	2939	2942	rVB	140515	135457	3.51%	0.423%
31	21.045	3051	3053	3058	rVB	299199	375769	9.73%	1.173%
32	21.316	3093	3099	3103	rBV2	2214431	3863582	100.00%	12.062%
33	21.357	3103	3106	3110	rVB	811586	974296	25.22%	3.042%
34	22.975	3376	3381	3394	rVB3	1071515	3369014	87.20%	10.518%
35	23.486	3464	3468	3476	rVB	800360	1490674	38.58%	4.654%
36	23.598	3481	3487	3497	rVB2	1072246	2244944	58.11%	7.009%

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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_P\Methods\8270E-BP070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37 23.698 3499 3504 3510 rVB2 1037345 1885761 48.81% 5.887%

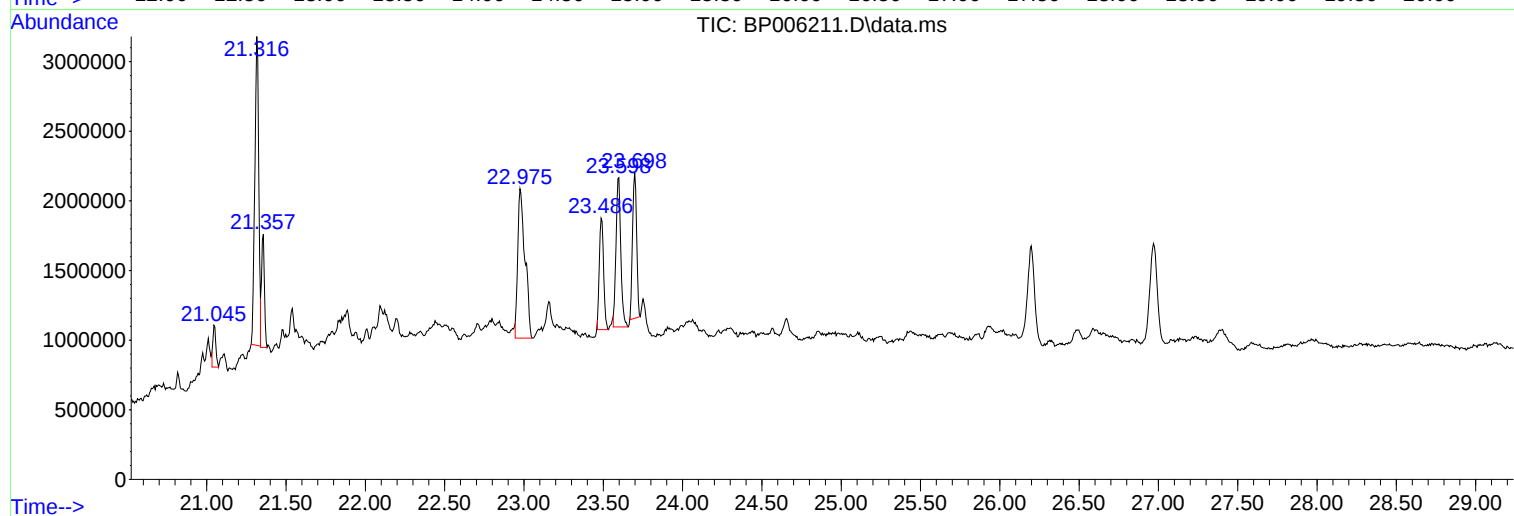
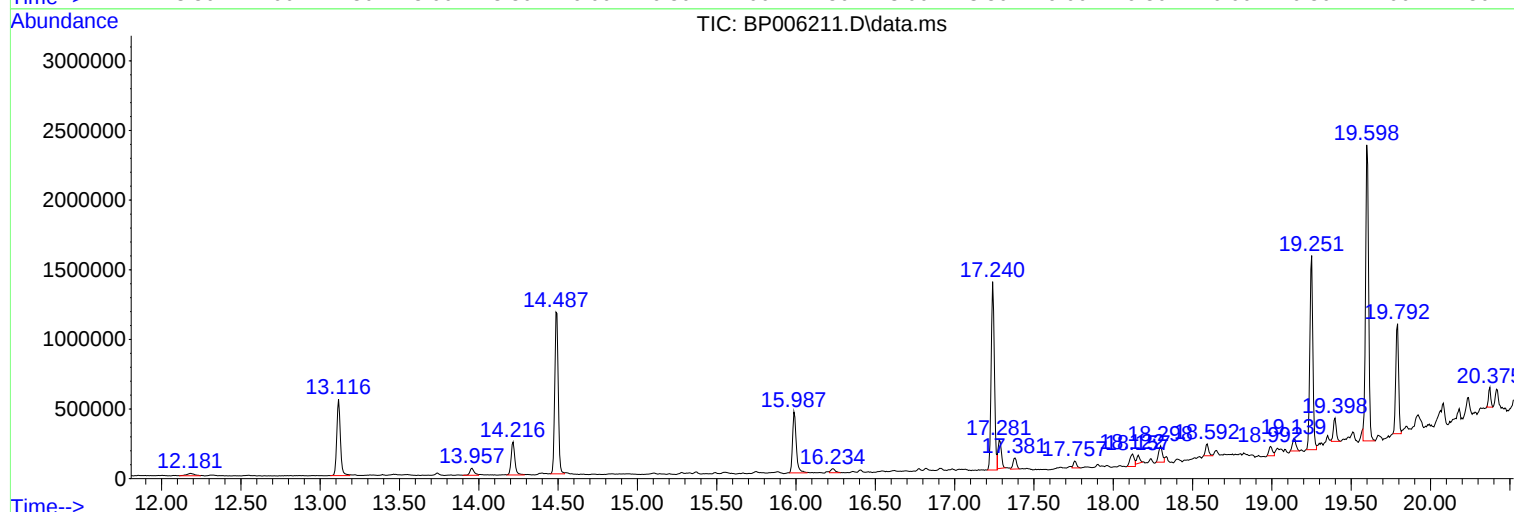
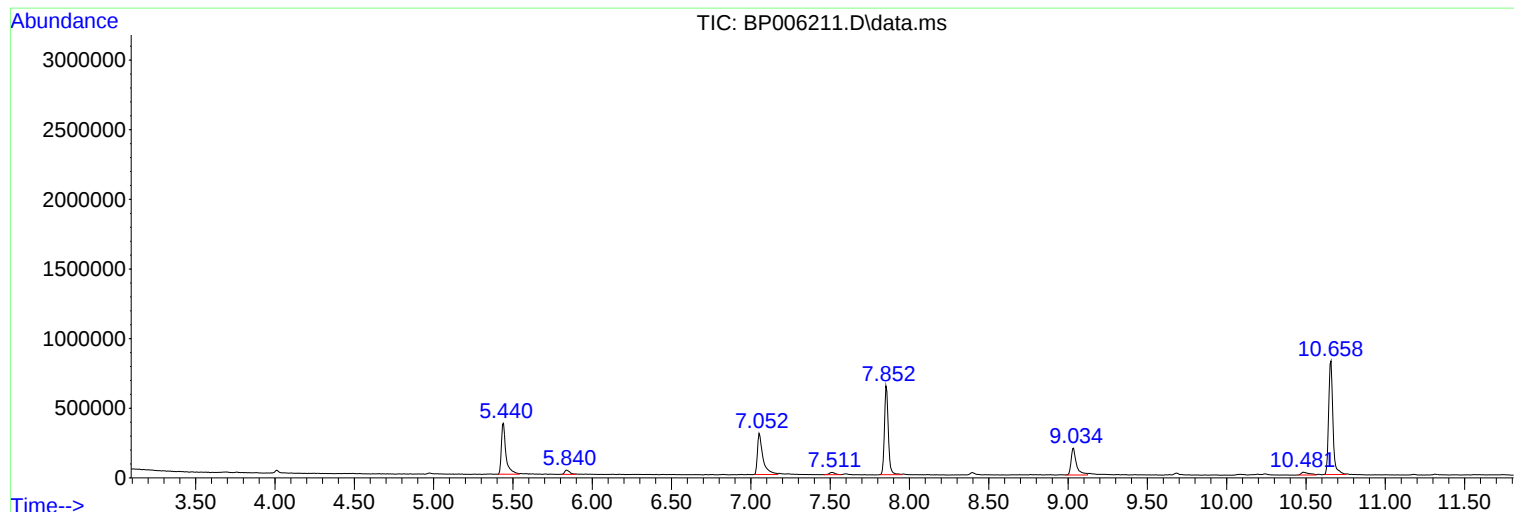
Sum of corrected areas: 32030165

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.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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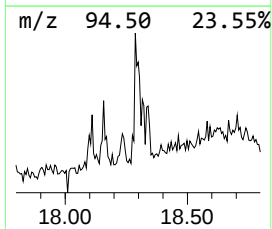
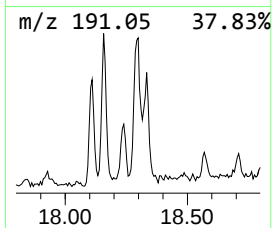
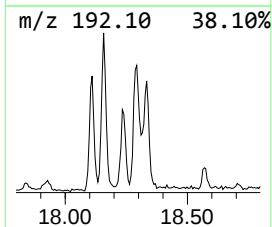
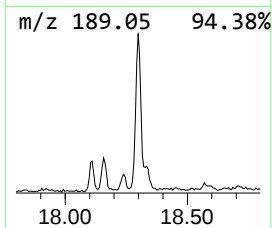
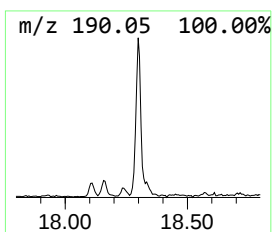
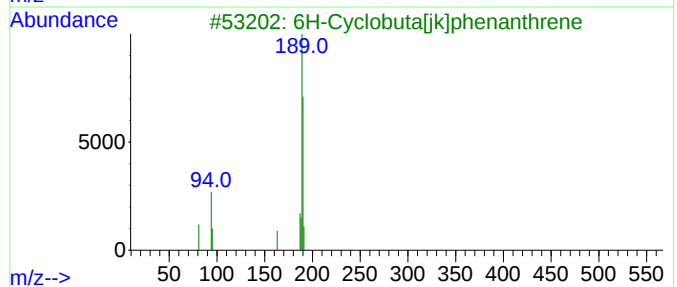
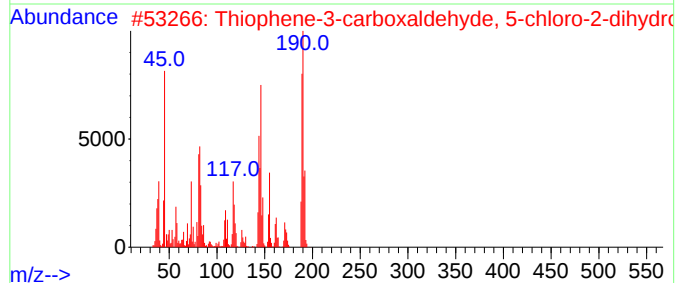
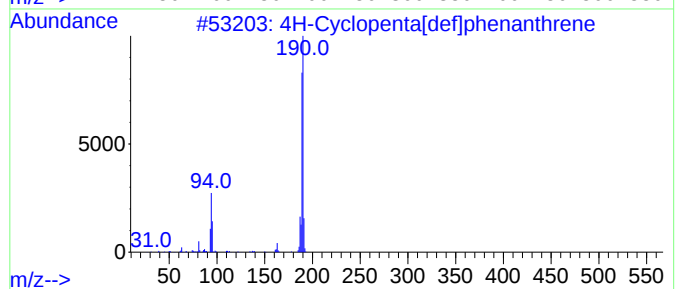
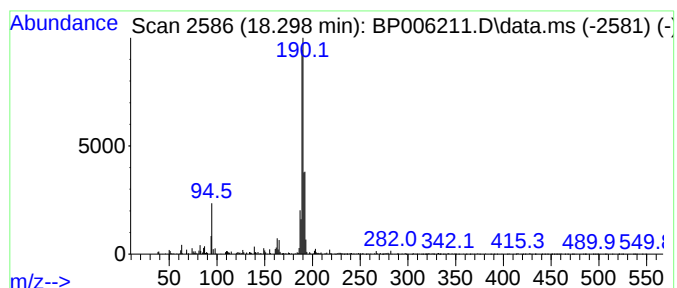
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.	
18.298	2.00 ng	192098	Phenanthrene-d10	17.240	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25



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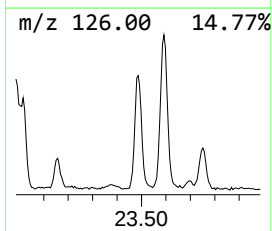
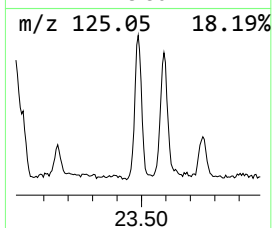
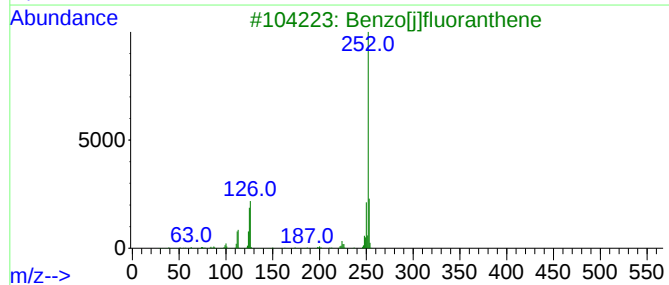
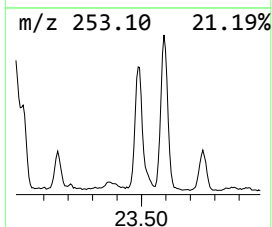
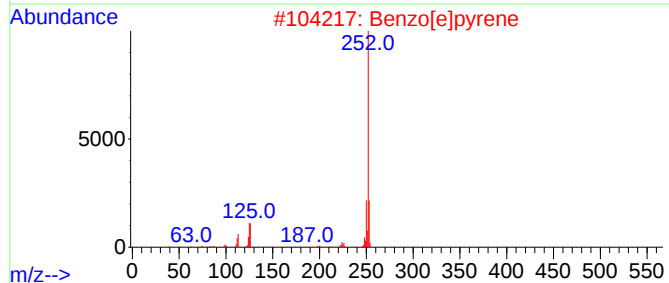
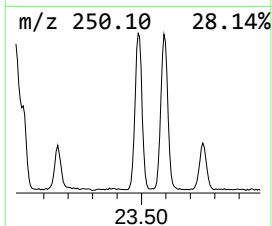
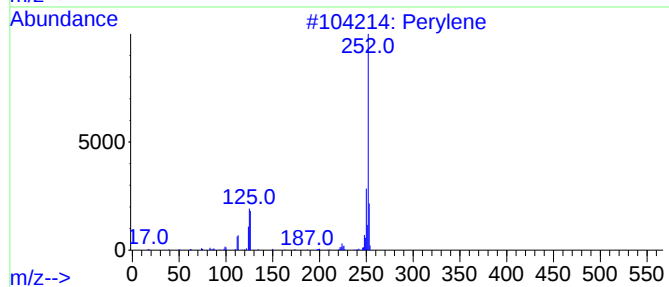
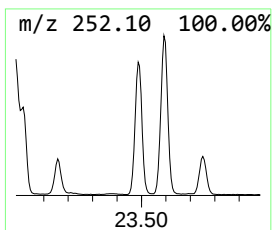
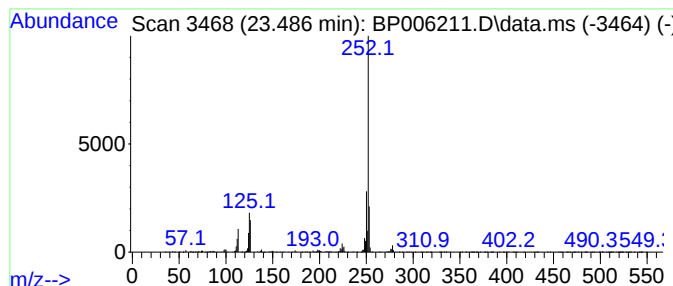
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Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	15.81 ng	1490670	Perylene-d12	23.698

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



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... Benzo[e]pyrene	18.298 23.486	2.0 15.8	ng ng	192098 1490670	4 6	17.240 23.698	1920190 1885760	20.0 20.0