

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
 Data File : BG045260.D
 Acq On : 6 May 2020 19:39
 Operator : CG/JU
 Sample : L2515-02 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 TP-18A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.555	412	420	426	rBV	100932	174118	8.03%	1.083%
2	6.677	605	611	620	rBV3	38234	66312	3.06%	0.412%
3	7.146	685	691	700	rBV2	102330	196717	9.08%	1.223%
4	7.981	826	833	843	rBV	416898	753731	34.78%	4.686%
5	8.310	882	889	902	rVB	104796	186952	8.63%	1.162%
6	9.138	1024	1030	1042	rBV2	61923	122356	5.65%	0.761%
7	10.789	1302	1311	1317	rBV	569596	1081508	49.90%	6.725%
8	10.841	1317	1320	1328	rVB2	108527	187602	8.66%	1.166%
9	12.451	1587	1594	1601	rBV	59392	104278	4.81%	0.648%
10	12.668	1625	1631	1640	rVB	41437	70124	3.24%	0.436%
11	13.244	1720	1729	1737	rBV	213271	348456	16.08%	2.167%
12	13.461	1760	1766	1772	rVB5	13362	21821	1.01%	0.136%
13	13.949	1841	1849	1854	rBV3	36849	67669	3.12%	0.421%
14	14.002	1854	1858	1864	rVB3	20420	33753	1.56%	0.210%
15	14.072	1864	1870	1875	rBV2	19248	32800	1.51%	0.204%
16	14.190	1883	1890	1893	rBV4	12956	24809	1.14%	0.154%
17	14.349	1911	1917	1926	rVB2	35936	64225	2.96%	0.399%
18	14.625	1954	1964	1971	rBV	940089	1556204	71.80%	9.676%
19	14.689	1971	1975	1983	rVB	58200	99748	4.60%	0.620%
20	15.024	2027	2032	2040	rVV	64014	109612	5.06%	0.682%
21	15.670	2136	2142	2148	rBV2	102730	172435	7.96%	1.072%
22	15.970	2188	2193	2201	rVB2	20483	37757	1.74%	0.235%
23	16.117	2210	2218	2227	rBV	172771	301325	13.90%	1.874%
24	16.346	2254	2257	2267	rVB8	16095	33975	1.57%	0.211%
25	16.681	2306	2314	2318	rBV5	19975	40385	1.86%	0.251%
26	17.145	2389	2393	2398	rVV6	15576	34495	1.59%	0.214%
27	17.192	2398	2401	2410	rVB2	27015	49097	2.27%	0.305%
28	17.374	2425	2432	2436	rBV	1192139	1842382	85.01%	11.455%
29	17.415	2436	2439	2445	rVB	272273	394372	18.20%	2.452%
30	17.509	2450	2455	2460	rVV	67994	110305	5.09%	0.686%
31	17.568	2460	2465	2472	rVB7	19740	38043	1.76%	0.237%
32	17.885	2514	2519	2523	rVB5	15478	24126	1.11%	0.150%
33	18.249	2576	2581	2586	rBV2	28291	54195	2.50%	0.337%
34	18.296	2586	2589	2596	rVB2	44062	68297	3.15%	0.425%

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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

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35	18.384	2596	2604	2609	rBV2	21317	39044	1.80%	0.243%
36	18.449	2609	2615	2619	rBV3	58489	107635	4.97%	0.669%
37	18.566	2631	2635	2639	rBV6	21148	34106	1.57%	0.212%
38	18.748	2661	2666	2672	rBV2	21136	31499	1.45%	0.196%
39	19.048	2712	2717	2720	rBV6	14223	24694	1.14%	0.154%
40	19.166	2731	2737	2741	rBV3	28320	52248	2.41%	0.325%
41	19.195	2741	2742	2751	rVB7	19916	36362	1.68%	0.226%
42	19.301	2756	2760	2768	rBV8	14445	34807	1.61%	0.216%
43	19.424	2774	2781	2787	rBV	331853	484011	22.33%	3.009%
44	19.577	2803	2807	2811	rBV3	24364	35018	1.62%	0.218%
45	19.788	2833	2843	2850	rBV	252988	485184	22.39%	3.017%
46	19.865	2852	2856	2861	rVB3	23698	43177	1.99%	0.268%
47	19.988	2871	2877	2889	rVB	377133	573343	26.45%	3.565%
48	20.105	2893	2897	2901	rBV6	32123	67181	3.10%	0.418%
49	20.246	2917	2921	2922	rBV4	21981	27014	1.25%	0.168%
50	20.282	2923	2927	2937	rVB2	80968	153474	7.08%	0.954%
51	20.381	2939	2944	2947	rBV	72726	98005	4.52%	0.609%
52	20.434	2950	2953	2958	rVB2	37218	59113	2.73%	0.368%
53	21.216	3084	3086	3090	rVB2	24732	33800	1.56%	0.210%
54	21.310	3099	3102	3109	rVB5	36889	60207	2.78%	0.374%
55	21.639	3149	3158	3163	rBV2	1144333	2167332	100.00%	13.476%
56	21.686	3163	3166	3173	rVB	144857	245240	11.32%	1.525%
57	22.032	3223	3225	3232	rVB7	22970	40597	1.87%	0.252%
58	23.806	3521	3527	3535	rBV	131802	376334	17.36%	2.340%
59	24.511	3643	3647	3659	rVB3	80017	216520	9.99%	1.346%
60	24.658	3666	3672	3681	rVB	91614	266796	12.31%	1.659%
61	24.817	3689	3699	3707	rBV	633759	1786323	82.42%	11.107%

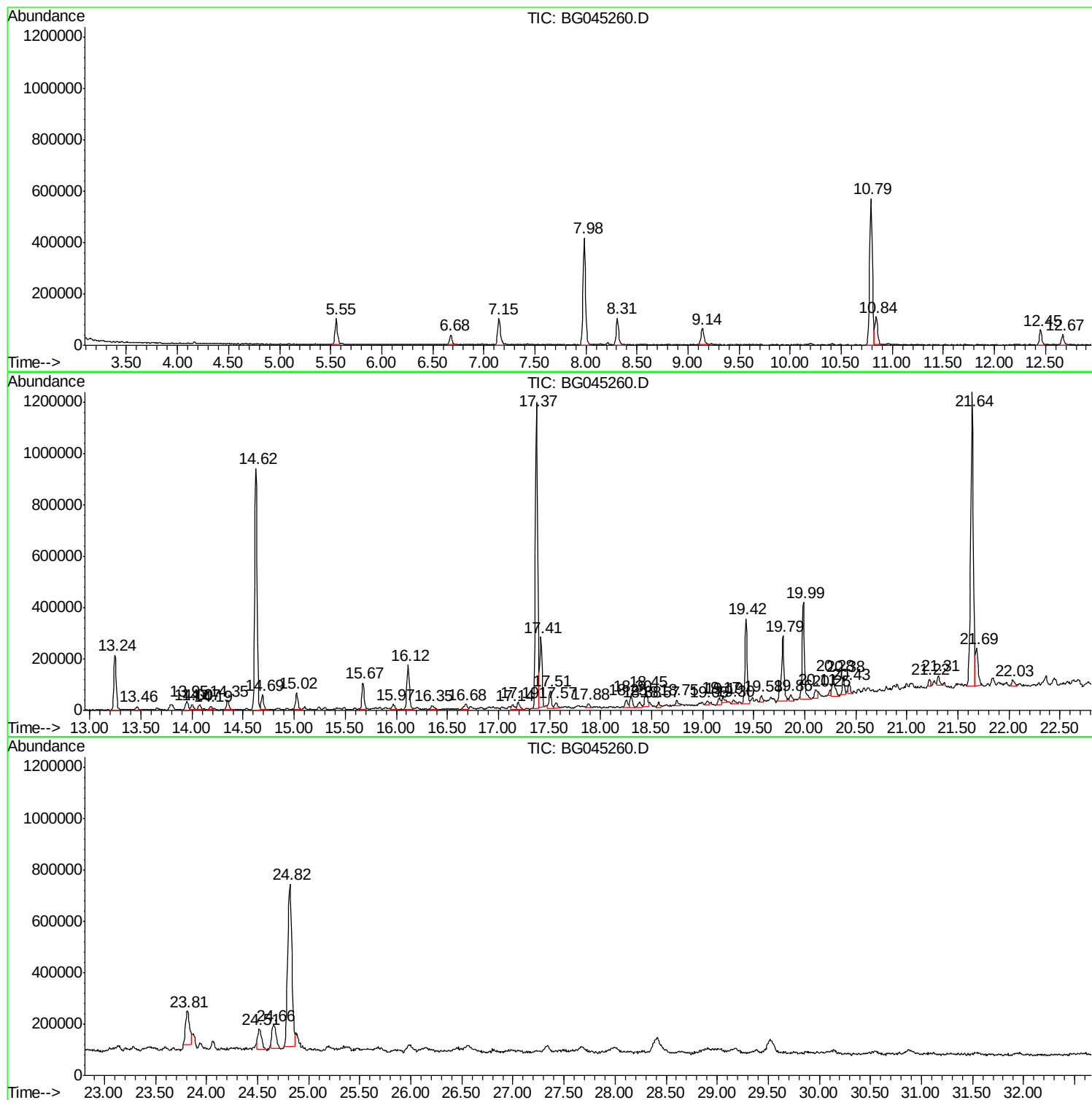
Sum of corrected areas: 16083048

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.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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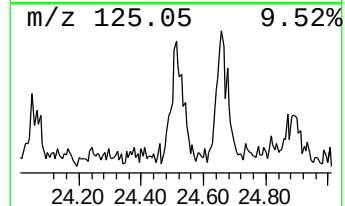
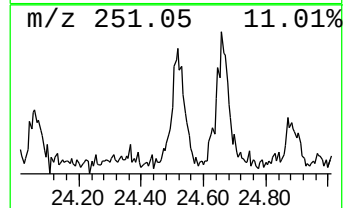
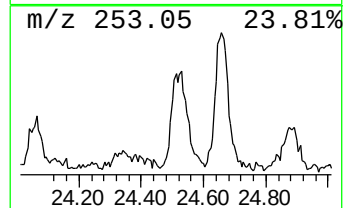
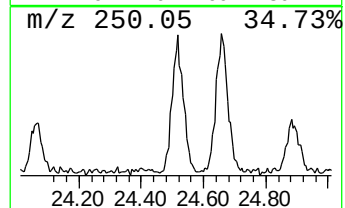
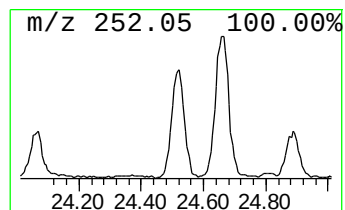
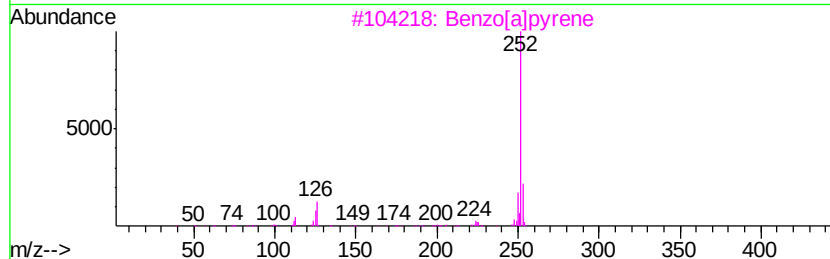
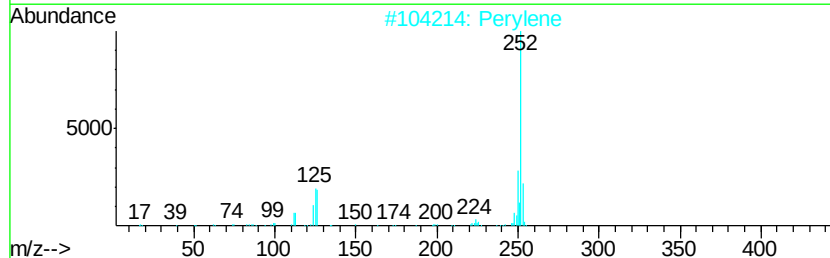
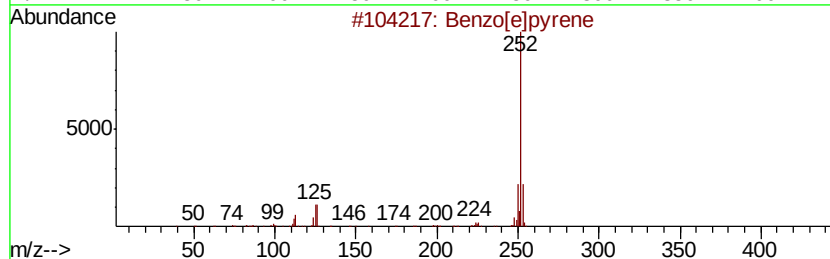
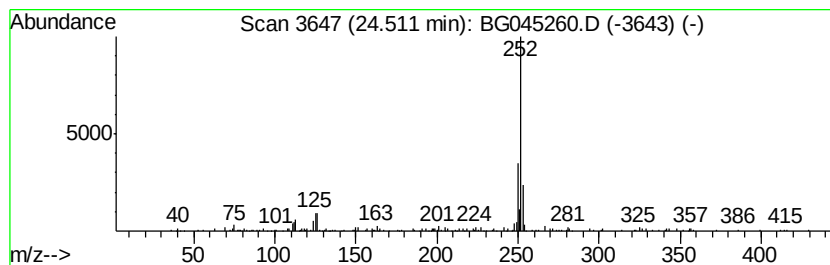
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	4.85 ng	216520	Perylene-d12	24.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[el]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[al]pyrene	252	C20H12	000050-32-8	89
4			Benz[el]acephenanthrylene	252	C20H12	000205-99-2	89
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzo[e]pyrene	24.51	4.8 ng		216520	6	24.82	1786320	20.0