

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045388.D
 Acq On : 14 May 2020 21:51
 Operator : CG/JU
 Sample : L2505-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-051220

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	5.543	412	418	428	rBV	82064	153639	8.20%	0.993%
2	7.141	683	690	700	rBV	89864	169316	9.03%	1.094%
3	7.969	823	831	844	rBV2	270568	480581	25.64%	3.105%
4	8.298	879	887	895	rBV2	80392	144732	7.72%	0.935%
5	9.132	1022	1029	1035	rBV2	52861	102680	5.48%	0.663%
6	10.777	1300	1309	1322	rBV	371228	701228	37.41%	4.531%
7	13.232	1721	1727	1735	rBV	178798	296212	15.80%	1.914%
8	14.066	1863	1869	1876	rBV	22097	35354	1.89%	0.228%
9	14.613	1955	1962	1969	rBV2	647536	1030715	54.99%	6.660%
10	14.683	1970	1974	1977	rVB3	15119	22792	1.22%	0.147%
11	15.664	2136	2141	2147	rVB3	29231	48909	2.61%	0.316%
12	16.105	2207	2216	2224	rBV2	142021	238575	12.73%	1.542%
13	17.362	2423	2430	2434	rBV	768926	1243990	66.37%	8.038%
14	17.403	2434	2437	2444	rVV	262818	379143	20.23%	2.450%
15	17.497	2444	2453	2458	rVV	75688	133201	7.11%	0.861%
16	17.767	2490	2499	2504	rBV3	18546	46549	2.48%	0.301%
17	17.885	2513	2519	2524	rVB8	10237	19407	1.04%	0.125%
18	17.944	2524	2529	2536	rBV6	10850	21532	1.15%	0.139%
19	18.243	2575	2580	2584	rBV2	30468	46566	2.48%	0.301%
20	18.290	2584	2588	2593	rVB	43238	66454	3.55%	0.429%
21	18.372	2596	2602	2607	rBV2	21647	36906	1.97%	0.238%
22	18.437	2607	2613	2617	rBV2	106745	183767	9.80%	1.187%
23	18.737	2660	2664	2667	rVV	28722	40799	2.18%	0.264%
24	18.778	2668	2671	2675	rVB5	15145	19853	1.06%	0.128%
25	19.165	2731	2737	2741	rBV7	28335	56826	3.03%	0.367%
26	19.207	2741	2744	2749	rVB7	22531	36213	1.93%	0.234%
27	19.289	2754	2758	2762	rBV2	36725	56775	3.03%	0.367%
28	19.412	2773	2779	2787	rBV	803485	1199013	63.97%	7.747%
29	19.512	2793	2796	2800	rVB3	20397	23883	1.27%	0.154%
30	19.659	2813	2821	2824	rBV3	22045	42480	2.27%	0.274%
31	19.776	2831	2841	2849	rBV2	611195	1082856	57.77%	6.997%
32	19.847	2849	2853	2859	rVB2	29751	47108	2.51%	0.304%
33	19.976	2867	2875	2879	rBV2	332493	511983	27.32%	3.308%
34	20.011	2879	2881	2889	rVB	40581	54978	2.93%	0.355%

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Integration Parameters: rteint.p
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 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_G\METHODS\8270-BG041520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.094	2891	2895	2896	rBV2	39859	47695	2.54%	0.308%
36	20.240	2914	2920	2921	rBV6	33086	58710	3.13%	0.379%
37	20.270	2921	2925	2931	rVB	118764	188322	10.05%	1.217%
38	20.370	2937	2942	2947	rBV	113607	165425	8.83%	1.069%
39	20.423	2947	2951	2957	rVB3	51755	96667	5.16%	0.625%
40	20.564	2972	2975	2978	rBV	28167	40941	2.18%	0.265%
41	21.022	3051	3053	3060	rVB2	32837	57573	3.07%	0.372%
42	21.204	3082	3084	3089	rVV	29255	38792	2.07%	0.251%
43	21.251	3089	3092	3096	rVB	37048	46214	2.47%	0.299%
44	21.292	3096	3099	3105	rBV3	58158	104077	5.55%	0.672%
45	21.621	3147	3155	3160	rBV2	843572	1874312	100.00%	12.111%
46	21.668	3160	3163	3175	rVB	276127	471439	25.15%	3.046%
47	21.821	3185	3189	3194	rBV3	57892	99277	5.30%	0.641%
48	22.026	3220	3224	3230	rVB3	49824	89485	4.77%	0.578%
49	22.343	3271	3278	3283	rVB2	44941	116689	6.23%	0.754%
50	22.549	3311	3313	3318	rBV4	24649	34659	1.85%	0.224%
51	23.789	3516	3524	3531	rBV	230485	743135	39.65%	4.802%
52	24.494	3636	3644	3652	rVB	123882	336674	17.96%	2.175%
53	24.634	3660	3668	3677	rBV	204298	535310	28.56%	3.459%
54	24.787	3685	3694	3702	rBV	439891	1254020	66.91%	8.103%
55	29.481	4486	4493	4506	rVB2	73279	302320	16.13%	1.953%

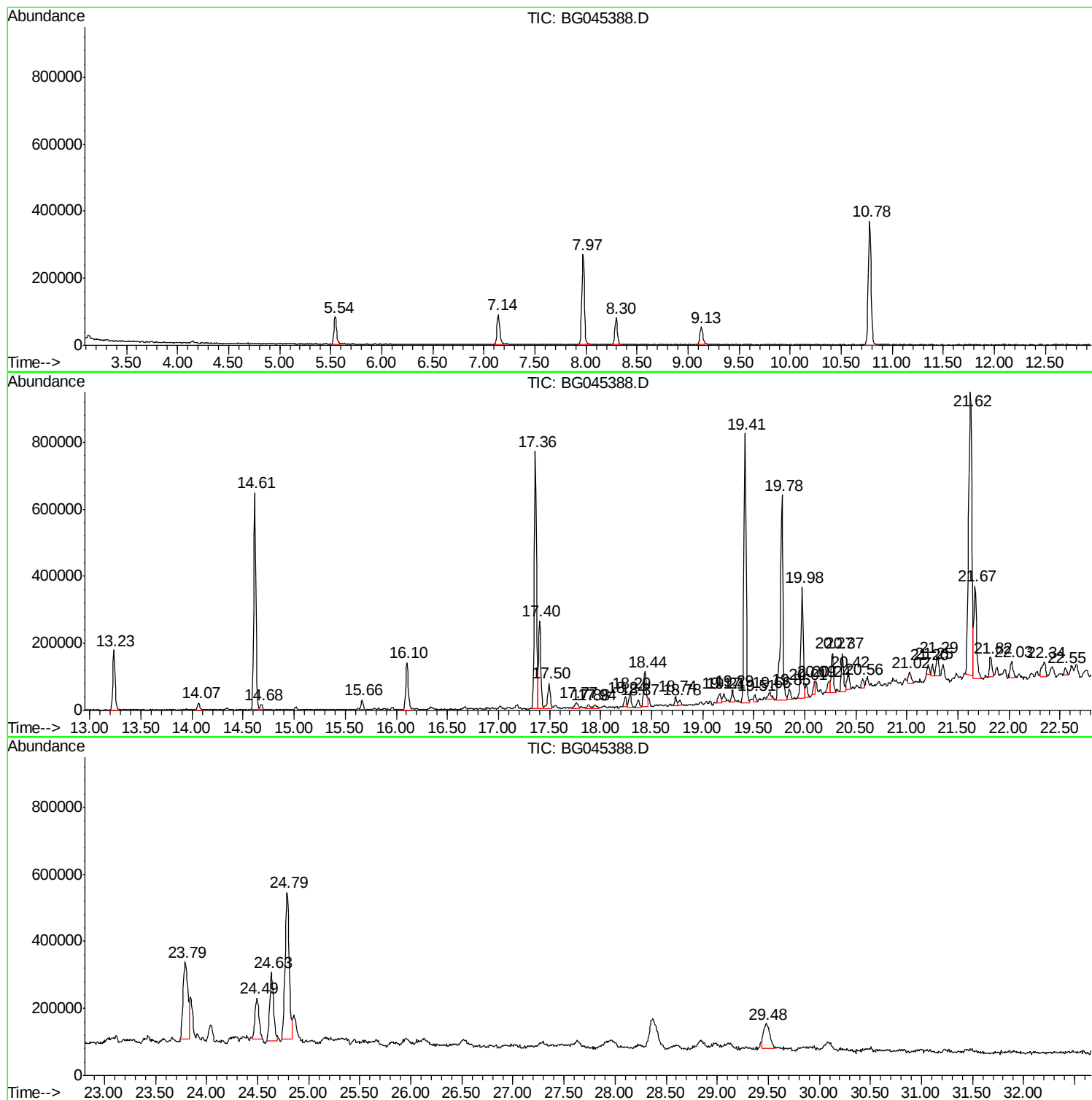
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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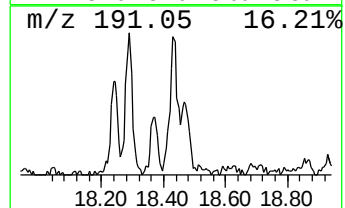
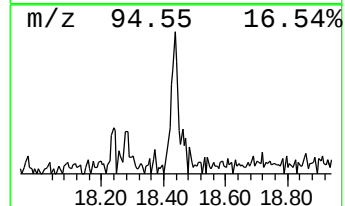
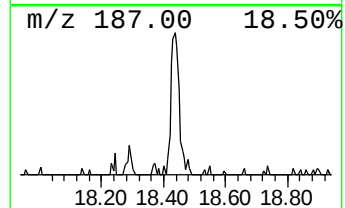
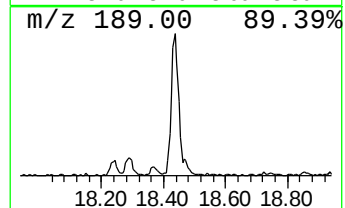
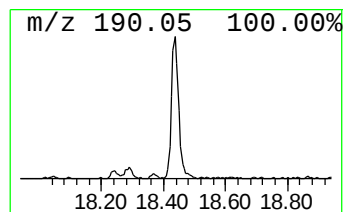
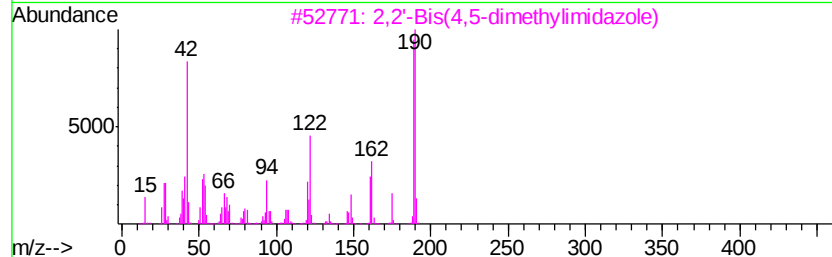
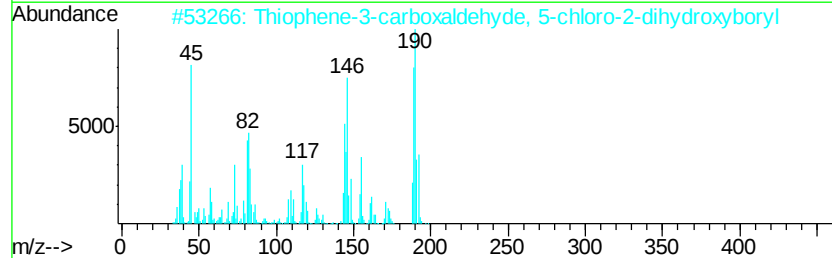
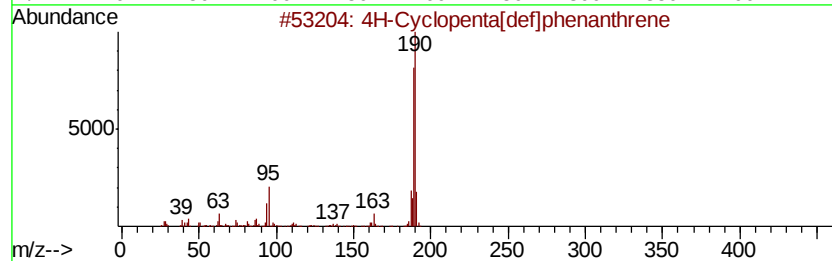
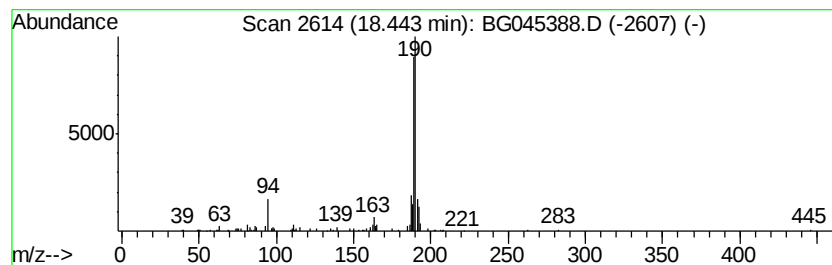
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.44	2.95 ng	183767	Phenanthrene-d10	17.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	25



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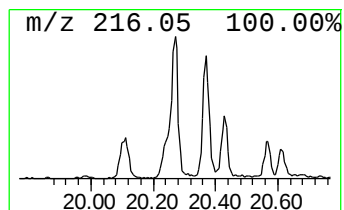
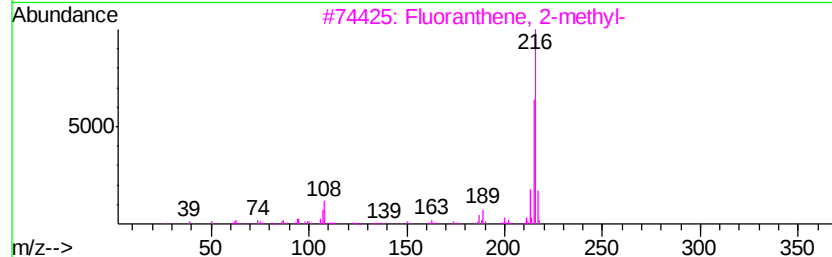
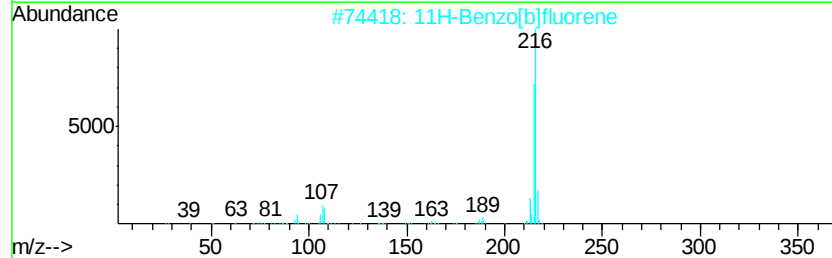
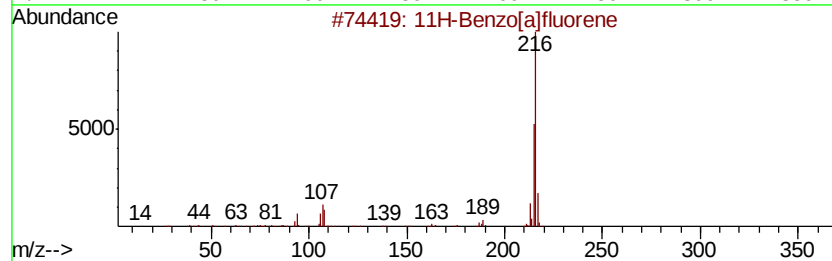
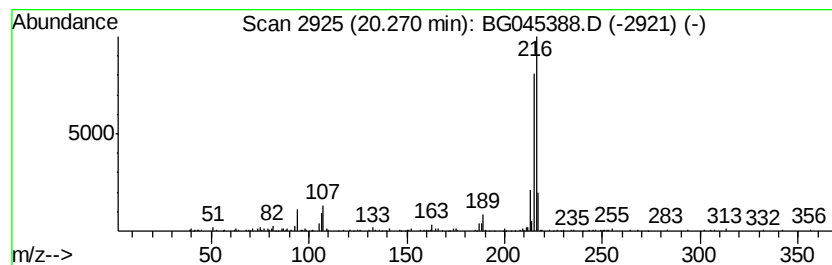
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Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.01 ng	188322	Chrysene-d12	21.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 72
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.44	3.0	ng	183767	4	17.36	1243990	20.0
11H-Benzo[a]fluorene	20.27	2.0	ng	188322	5	21.63	1874310	20.0