

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054107.D
 Acq On : 28 Jun 2022 1:01
 Operator : CG/JU
 Sample : N3462-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-0-2-20220622

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_G\Methods\8270-BG061322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.638	377	383	391	rBV	54442	92090	9.02%	1.012%
2	7.230	647	654	665	rVB	60083	111145	10.89%	1.222%
3	8.070	791	797	805	rVB	98270	174349	17.08%	1.916%
4	9.228	986	994	1004	rVB2	35156	68838	6.74%	0.757%
5	10.879	1266	1275	1281	rBV	144867	266583	26.11%	2.930%
6	10.926	1281	1283	1289	rVB2	6953	10950	1.07%	0.120%
7	13.317	1682	1690	1698	rBV	129203	200725	19.66%	2.206%
8	14.692	1916	1924	1931	rBV	259305	424968	41.63%	4.671%
9	14.757	1931	1935	1942	rVB2	18975	28923	2.83%	0.318%
10	15.092	1985	1992	1997	rBB3	10379	16858	1.65%	0.185%
11	15.738	2097	2102	2112	rBV2	20164	32405	3.17%	0.356%
12	16.178	2171	2177	2186	rVB	71266	113923	11.16%	1.252%
13	16.743	2262	2273	2278	rBV5	6403	16316	1.60%	0.179%
14	17.089	2327	2332	2340	rVV2	11812	19234	1.88%	0.211%
15	17.189	2340	2349	2353	rVV7	6278	16811	1.65%	0.185%
16	17.254	2356	2360	2371	rVB	13371	23507	2.30%	0.258%
17	17.436	2385	2391	2395	rBV	335251	552962	54.17%	6.078%
18	17.483	2395	2399	2405	rVV	271561	411716	40.33%	4.525%
19	17.571	2405	2414	2420	rVV	58220	94167	9.22%	1.035%
20	17.841	2451	2460	2464	rBV3	18679	34418	3.37%	0.378%
21	18.018	2486	2490	2497	rVB3	8209	13124	1.29%	0.144%
22	18.317	2530	2541	2544	rBV	47292	77026	7.55%	0.847%
23	18.364	2544	2549	2556	rVB	61421	96128	9.42%	1.057%
24	18.446	2556	2563	2567	rBV	17473	29558	2.90%	0.325%
25	18.511	2567	2574	2577	rVV2	62611	120252	11.78%	1.322%
26	18.546	2577	2580	2589	rVB	36159	53492	5.24%	0.588%
27	18.811	2620	2625	2628	rBV	33212	47962	4.70%	0.527%
28	18.846	2628	2631	2637	rVV2	26640	40497	3.97%	0.445%
29	18.934	2641	2646	2652	rBV4	7157	11660	1.14%	0.128%
30	19.052	2657	2666	2671	rBV4	15300	30090	2.95%	0.331%
31	19.104	2671	2675	2678	rBV	10765	13627	1.33%	0.150%
32	19.146	2678	2682	2686	rVB4	9503	14231	1.39%	0.156%
33	19.228	2690	2696	2701	rBV	31445	58895	5.77%	0.647%
34	19.287	2701	2706	2709	rVV5	15255	31152	3.05%	0.342%
35	19.316	2709	2711	2715	rVB3	13021	15170	1.49%	0.167%
36	19.363	2715	2719	2727	rBV3	23764	43135	4.23%	0.474%

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Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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37	19.492	2734	2741	2746	rBV	428234	644337	63.12%	7.082%
38	19.551	2746	2751	2754	rBV	7534	10621	1.04%	0.117%
39	19.586	2754	2757	2761	rVB4	14807	19581	1.92%	0.215%
40	19.639	2761	2766	2769	rBV3	7530	11956	1.17%	0.131%
41	19.674	2769	2772	2776	rBV3	9611	14769	1.45%	0.162%
42	19.733	2778	2782	2785	rBV	15893	19955	1.95%	0.219%
43	19.851	2791	2802	2810	rBV	383848	732940	71.80%	8.056%
44	19.921	2810	2814	2819	rBV4	22037	35509	3.48%	0.390%
45	20.045	2825	2835	2839	rBV	284731	402378	39.42%	4.423%
46	20.086	2839	2842	2847	rVB	22827	34787	3.41%	0.382%
47	20.174	2851	2857	2863	rBV4	33108	87959	8.62%	0.967%
48	20.338	2874	2885	2890	rBV	64972	143203	14.03%	1.574%
49	20.438	2898	2902	2907	rBV	42542	57461	5.63%	0.632%
50	20.497	2907	2912	2916	rVV2	38825	64056	6.27%	0.704%
51	20.538	2916	2919	2923	rVB	16217	18153	1.78%	0.200%
52	20.579	2923	2926	2931	rVB6	8674	13314	1.30%	0.146%
53	20.638	2933	2936	2940	rBV	25983	36443	3.57%	0.401%
54	20.685	2940	2944	2948	rVB	28450	38458	3.77%	0.423%
55	21.102	3011	3015	3022	rVB	31336	53469	5.24%	0.588%
56	21.290	3041	3047	3051	rBV2	31399	62183	6.09%	0.683%
57	21.337	3051	3055	3059	rVV	35245	67857	6.65%	0.746%
58	21.384	3060	3063	3068	rVV2	34164	60310	5.91%	0.663%
59	21.437	3068	3072	3078	rVB2	29446	52300	5.12%	0.575%
60	21.713	3110	3119	3124	rBV2	408775	1020868	100.00%	11.220%
61	21.760	3124	3127	3138	rVB	191237	314380	30.80%	3.455%
62	21.913	3149	3153	3160	rBV2	35803	66708	6.53%	0.733%
63	22.119	3185	3188	3194	rVB2	19140	34603	3.39%	0.380%
64	23.940	3490	3498	3505	rBV	121028	402867	39.46%	4.428%
65	24.669	3616	3622	3632	rVB2	67667	191992	18.81%	2.110%
66	24.810	3639	3646	3656	rVB	102369	278628	27.29%	3.062%
67	24.974	3664	3674	3683	rBV2	200275	624338	61.16%	6.862%
68	28.676	4296	4304	4306	rBV6	33135	75087	7.36%	0.825%

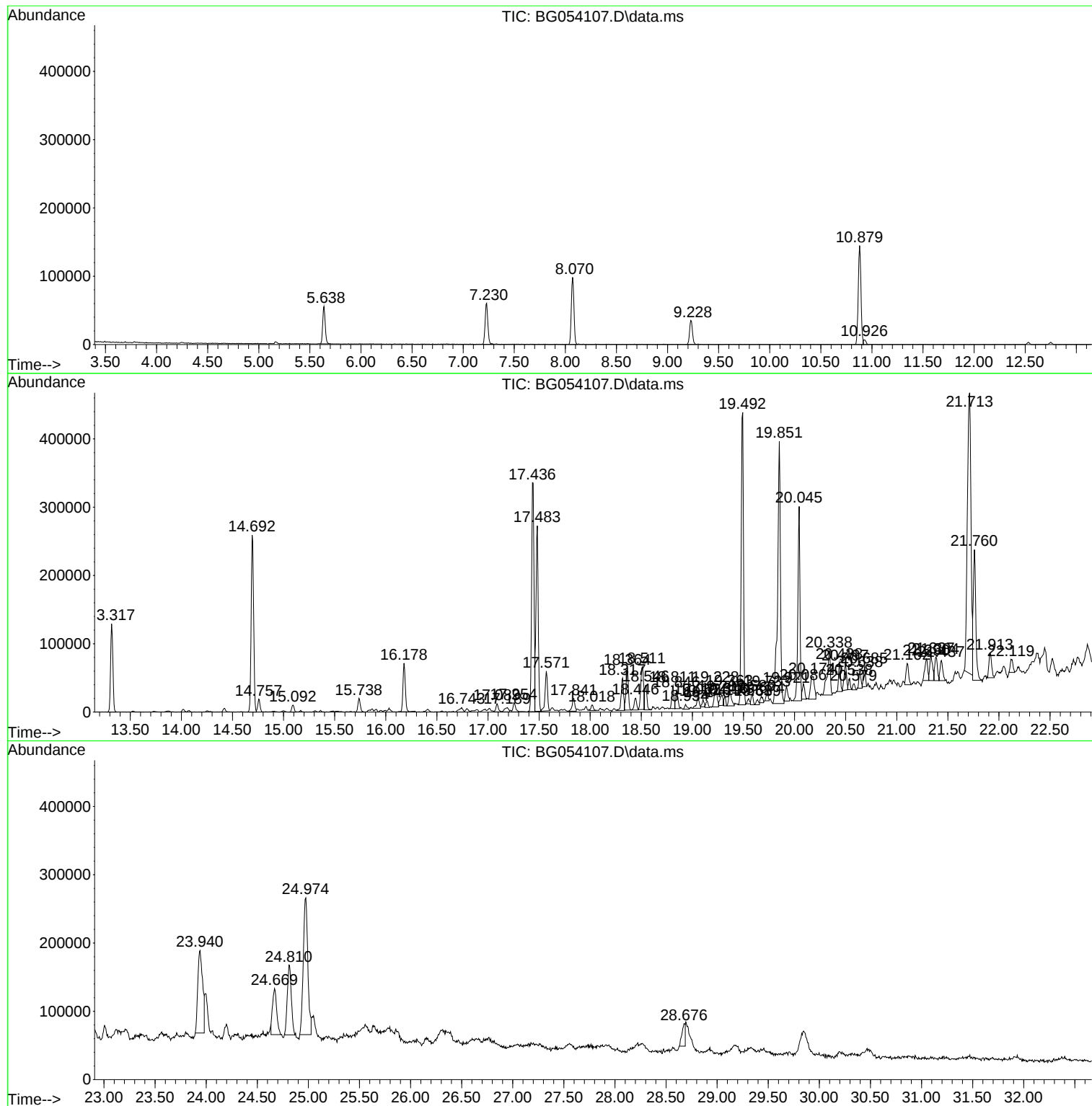
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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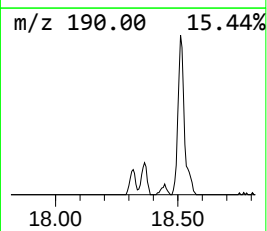
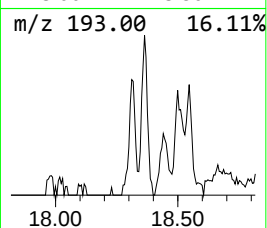
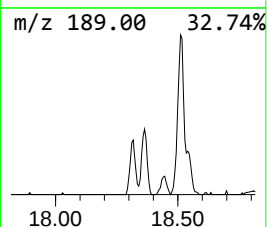
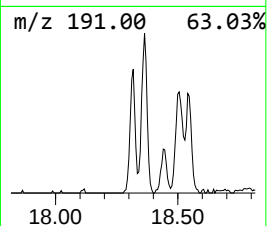
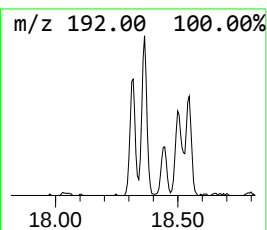
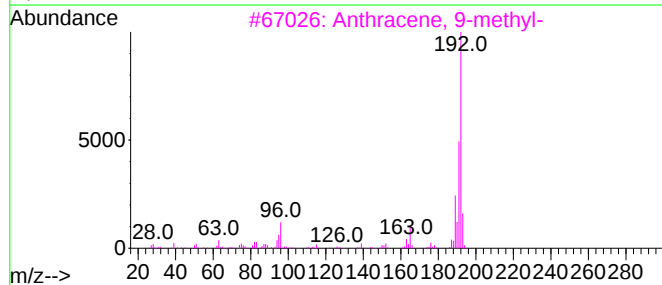
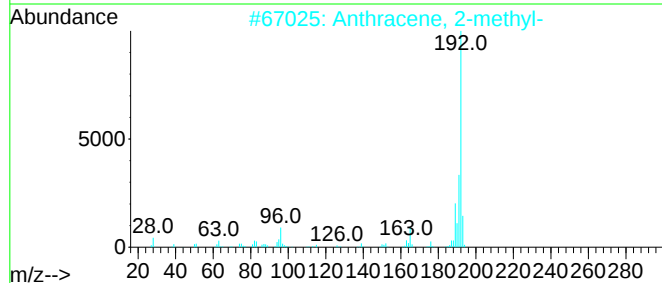
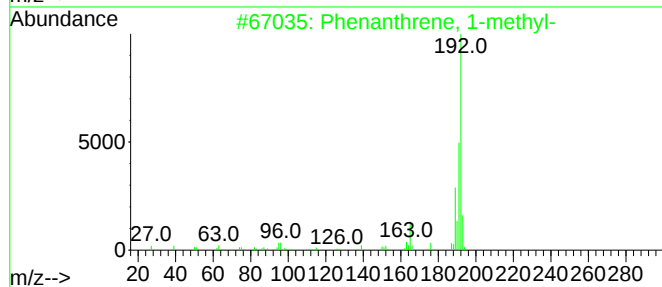
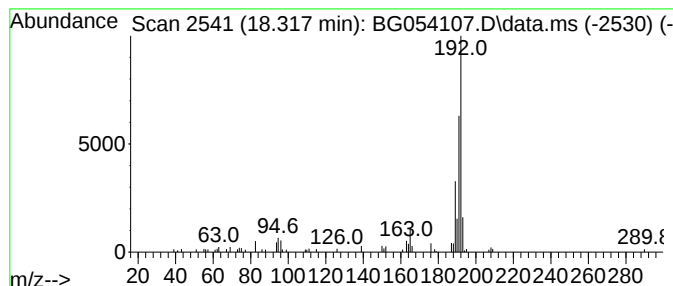
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.79 ng	77026	Phenanthrene-d10	17.436

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



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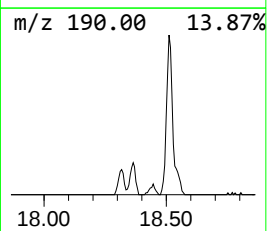
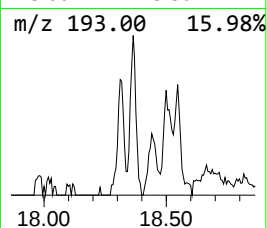
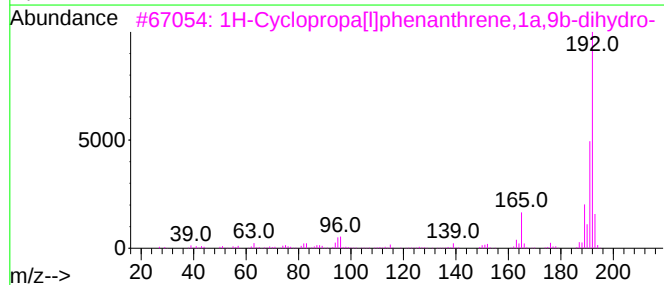
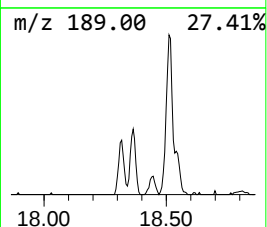
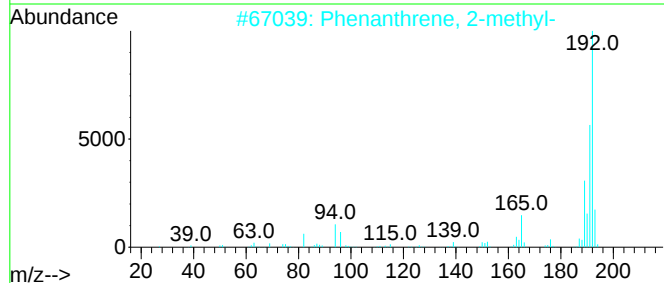
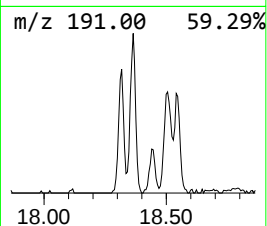
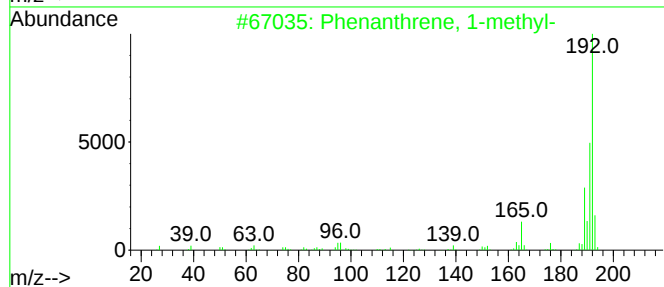
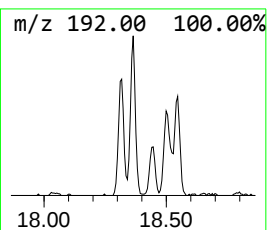
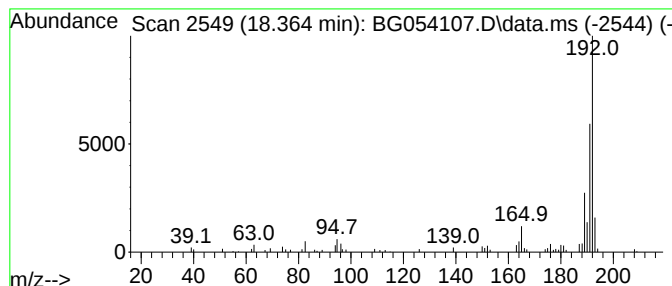
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	3.48 ng	96128	Phenanthrene-d10	17.436

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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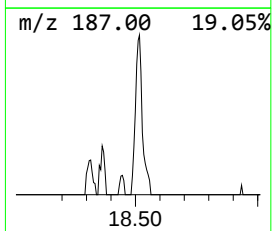
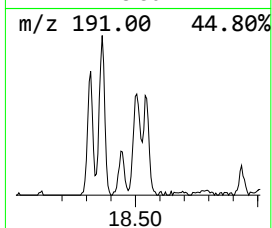
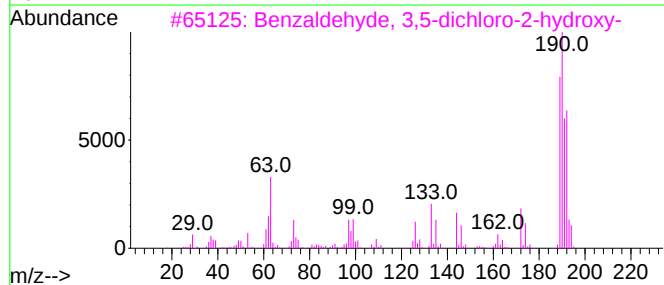
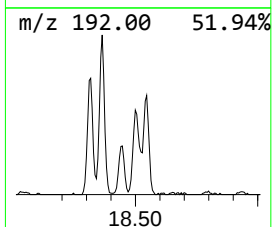
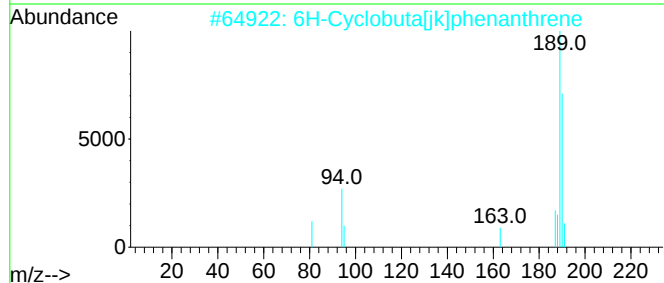
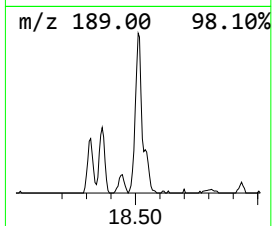
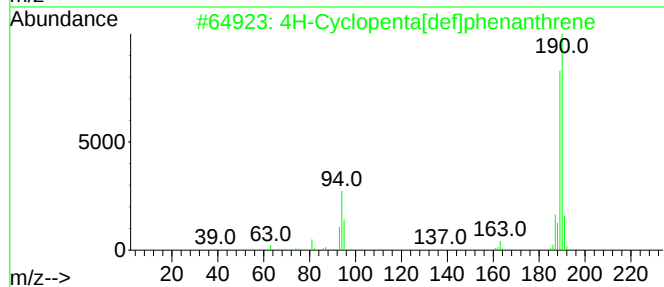
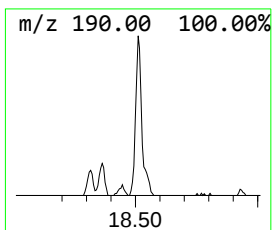
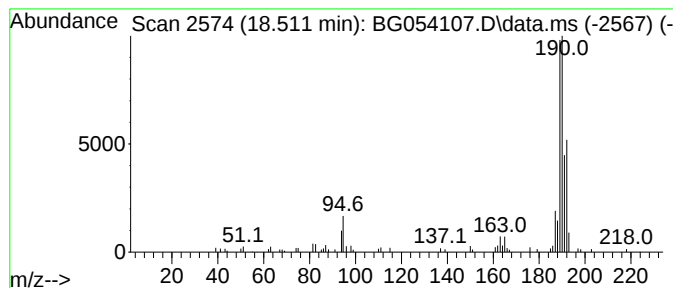
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.511	4.35 ng	120252	Phenanthrene-d10	17.436	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18



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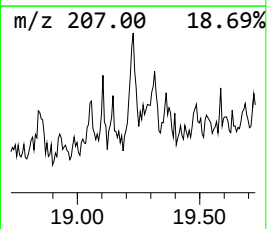
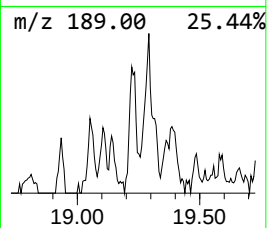
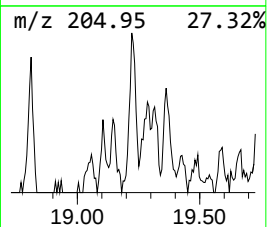
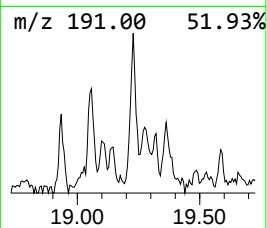
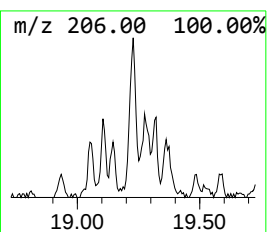
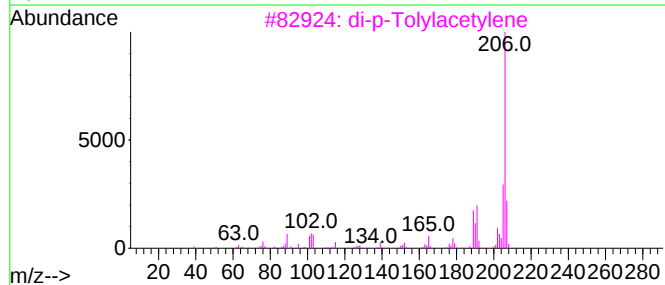
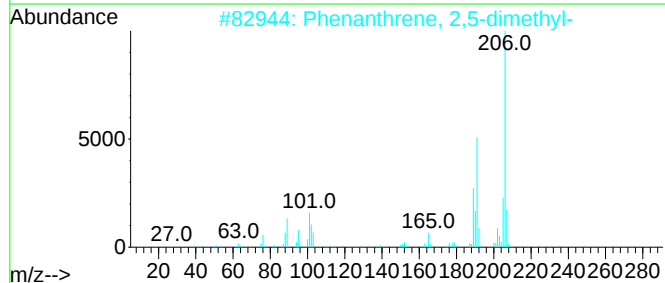
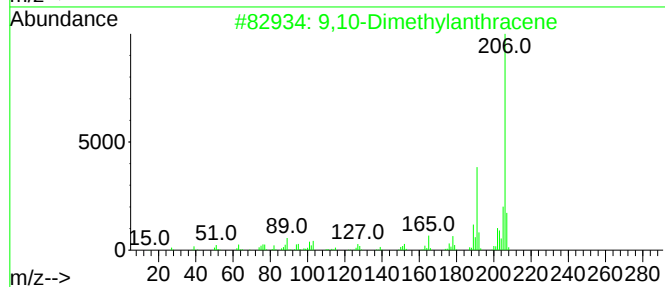
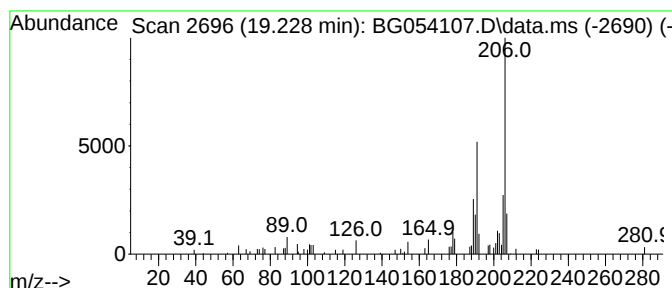
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.228	2.13 ng	58895	Phenanthrene-d10	17.436

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054107.D
Acq On : 28 Jun 2022 1:01
Operator : CG/JU
Sample : N3462-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2-0-2-20220622

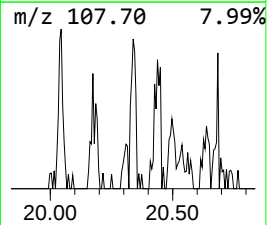
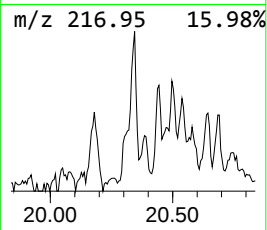
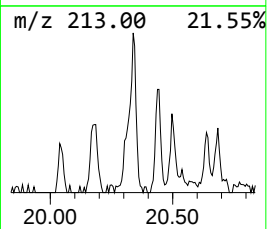
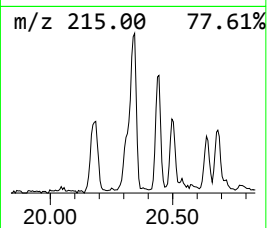
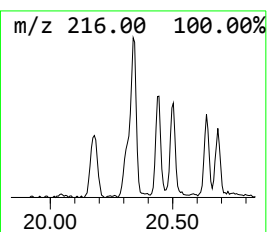
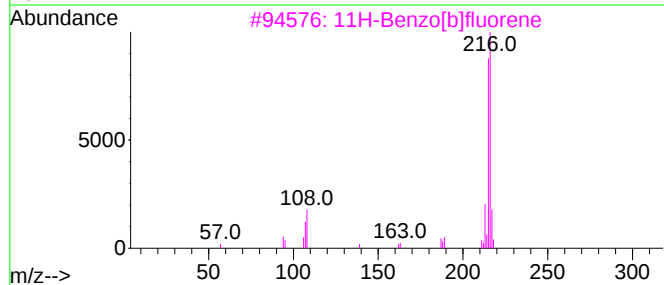
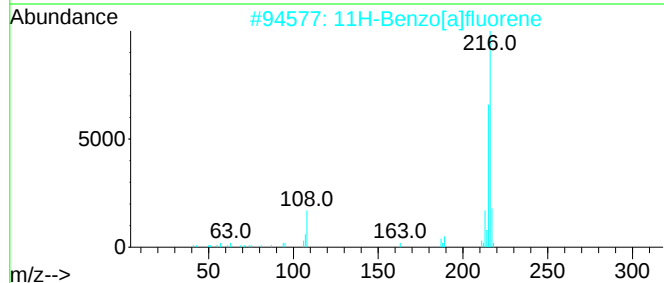
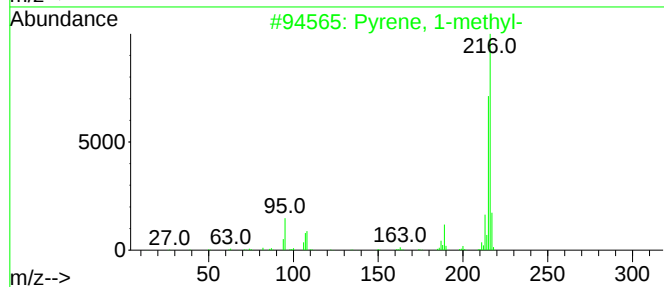
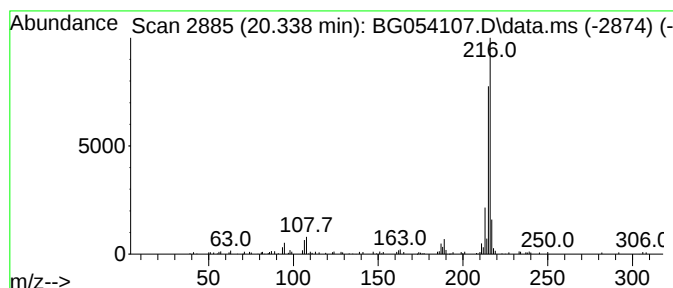
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	2.81 ng	143203	Chrysene-d12	21.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054107.D
Acq On : 28 Jun 2022 1:01
Operator : CG/JU
Sample : N3462-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2-0-2-20220622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 2-m...	18.317	2.8	ng	77026	4	17.436	552962	20.0
Phenanthrene, 1...	18.364	3.5	ng	96128	4	17.436	552962	20.0
4H-Cyclopenta[d...	18.511	4.3	ng	120252	4	17.436	552962	20.0
9,10-Dimethylan...	19.228	2.1	ng	58895	4	17.436	552962	20.0
Pyrene, 1-methyl-	20.338	2.8	ng	143203	5	21.713	1020870	20.0