

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064615.D
 Acq On : 29 Oct 2025 00:01
 Operator : RC/JU
 Sample : Q3457-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-102425

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-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.203	10	19	27	rBV4	13828	37515	2.94%	0.303%
2	3.285	27	33	47	rVB	119853	221113	17.35%	1.786%
3	4.337	206	212	219	rBV2	13807	21704	1.70%	0.175%
4	5.747	445	452	460	rBV	161892	270102	21.20%	2.182%
5	7.345	717	724	732	rBV	162175	277747	21.80%	2.244%
6	8.215	866	872	879	rBV	177729	304473	23.90%	2.459%
7	9.378	1063	1070	1077	rBV	89673	160220	12.57%	1.294%
8	11.041	1344	1353	1360	rBV	237811	428080	33.60%	3.458%
9	12.686	1627	1633	1637	rBV2	11354	17227	1.35%	0.139%
10	12.903	1665	1670	1677	rVB	10563	18322	1.44%	0.148%
11	13.467	1758	1766	1774	rVB	249201	393084	30.85%	3.175%
12	14.166	1876	1885	1889	rBV5	13719	28562	2.24%	0.231%
13	14.213	1889	1893	1899	rVB6	10110	15226	1.19%	0.123%
14	14.566	1948	1953	1962	rBV3	14620	32902	2.58%	0.266%
15	14.836	1989	1999	2005	rBV	375783	591659	46.43%	4.779%
16	14.895	2005	2009	2016	rVB2	14825	24713	1.94%	0.200%
17	15.230	2062	2066	2071	rVB2	22799	33102	2.60%	0.267%
18	15.306	2071	2079	2082	rBV4	10323	15562	1.22%	0.126%
19	15.629	2126	2134	2136	rBV8	6487	16438	1.29%	0.133%
20	15.876	2171	2176	2186	rVB2	34825	56466	4.43%	0.456%
21	16.176	2219	2227	2234	rVB2	33932	58966	4.63%	0.476%
22	16.311	2244	2250	2259	rVB	179992	276147	21.67%	2.231%
23	16.558	2284	2292	2297	rBV7	18031	41896	3.29%	0.338%
24	16.740	2321	2323	2331	rVB6	7484	14645	1.15%	0.118%
25	16.875	2344	2346	2350	rVV4	13066	17740	1.39%	0.143%
26	16.928	2351	2355	2362	rVB6	10309	19172	1.50%	0.155%
27	17.110	2377	2386	2390	rBV10	7879	17841	1.40%	0.144%
28	17.222	2402	2405	2412	rVB7	8520	14703	1.15%	0.119%
29	17.327	2420	2423	2426	rVB	11559	12874	1.01%	0.104%
30	17.392	2430	2434	2442	rVB3	23551	38795	3.04%	0.313%
31	17.574	2459	2465	2469	rBV2	430774	676066	53.06%	5.461%
32	17.615	2469	2472	2478	rVB	261593	363865	28.56%	2.939%
33	17.709	2483	2488	2493	rVB	46377	70245	5.51%	0.567%
34	17.756	2493	2496	2502	rBV7	10482	22449	1.76%	0.181%
35	17.962	2525	2531	2535	rBV	15218	27376	2.15%	0.221%
36	18.156	2561	2564	2567	rVB	14242	14893	1.17%	0.120%

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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_G\Methods\8270-BG102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.232	2573	2577	2584	rBV7	13990	22215	1.74%	0.179%
38	18.297	2584	2588	2594	rVV4	7808	14503	1.14%	0.117%
39	18.450	2608	2614	2618	rBV	92453	144519	11.34%	1.167%
40	18.497	2618	2622	2628	rVB	74694	114456	8.98%	0.925%

41	18.573	2629	2635	2640	rBV2	17790	33049	2.59%	0.267%
42	18.638	2640	2646	2650	rVV3	73726	141945	11.14%	1.147%
43	18.679	2650	2653	2658	rVB2	43196	57435	4.51%	0.464%
44	18.755	2662	2666	2668	rBV3	14131	16755	1.31%	0.135%
45	18.937	2692	2697	2700	rBV	35016	53705	4.21%	0.434%

46	18.973	2700	2703	2706	rVB2	23320	31204	2.45%	0.252%
47	19.149	2730	2733	2735	rBV3	9980	12824	1.01%	0.104%
48	19.178	2736	2738	2742	rVV4	22628	28081	2.20%	0.227%
49	19.231	2743	2747	2750	rVV2	25245	38078	2.99%	0.308%
50	19.266	2751	2753	2758	rVB2	17077	20437	1.60%	0.165%

51	19.355	2763	2768	2772	rBV2	80708	145327	11.41%	1.174%
52	19.396	2772	2775	2777	rBV3	26648	31286	2.46%	0.253%
53	19.490	2786	2791	2796	rBV4	33044	63217	4.96%	0.511%
54	19.613	2806	2812	2818	rBV	471457	686190	53.85%	5.543%
55	19.666	2819	2821	2824	rVV3	13791	16306	1.28%	0.132%

56	19.707	2825	2828	2833	rVB4	31300	40749	3.20%	0.329%
57	19.760	2834	2837	2841	rVV	14114	16092	1.26%	0.130%
58	19.789	2841	2842	2848	rVB6	12647	15000	1.18%	0.121%
59	19.854	2850	2853	2856	rVV	16876	19998	1.57%	0.162%
60	19.971	2862	2873	2881	rBV	458480	812443	63.76%	6.563%

61	20.042	2881	2885	2890	rVB2	41903	67564	5.30%	0.546%
62	20.165	2896	2906	2910	rBV	417185	605688	47.54%	4.893%
63	20.201	2910	2912	2919	rVB3	28819	44372	3.48%	0.358%
64	20.289	2921	2927	2933	rBV3	42407	120725	9.47%	0.975%
65	20.459	2952	2956	2963	rVB	86203	137353	10.78%	1.110%

66	20.559	2969	2973	2977	rVB	50262	67903	5.33%	0.549%
67	20.618	2977	2983	2987	rBV2	62547	110712	8.69%	0.894%
68	20.753	3002	3006	3010	rBV2	49579	71658	5.62%	0.579%
69	20.806	3010	3015	3018	rVV	46033	71041	5.58%	0.574%
70	21.223	3083	3086	3093	rVB2	43865	79601	6.25%	0.643%

71	21.464	3124	3127	3129	rBV	23879	35699	2.80%	0.288%
72	21.564	3141	3144	3154	rVB2	43733	76173	5.98%	0.615%
73	21.846	3183	3192	3197	rBV2	540540	1274188	100.00%	10.293%
74	21.899	3197	3201	3213	rVB	205391	392206	30.78%	3.168%
75	22.057	3224	3228	3234	rBV3	41416	78459	6.16%	0.634%

76	24.131	3573	3581	3590	rBV	137574	514508	40.38%	4.156%
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Instrument :
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ClientSampleId :
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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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.877	3703	3708	3720	rVB	94921	272523	21.39%	2.201%
78	25.030	3727	3734	3745	rVB	124999	335605	26.34%	2.711%
79	25.195	3753	3762	3771	rBV	278532	795833	62.46%	6.429%

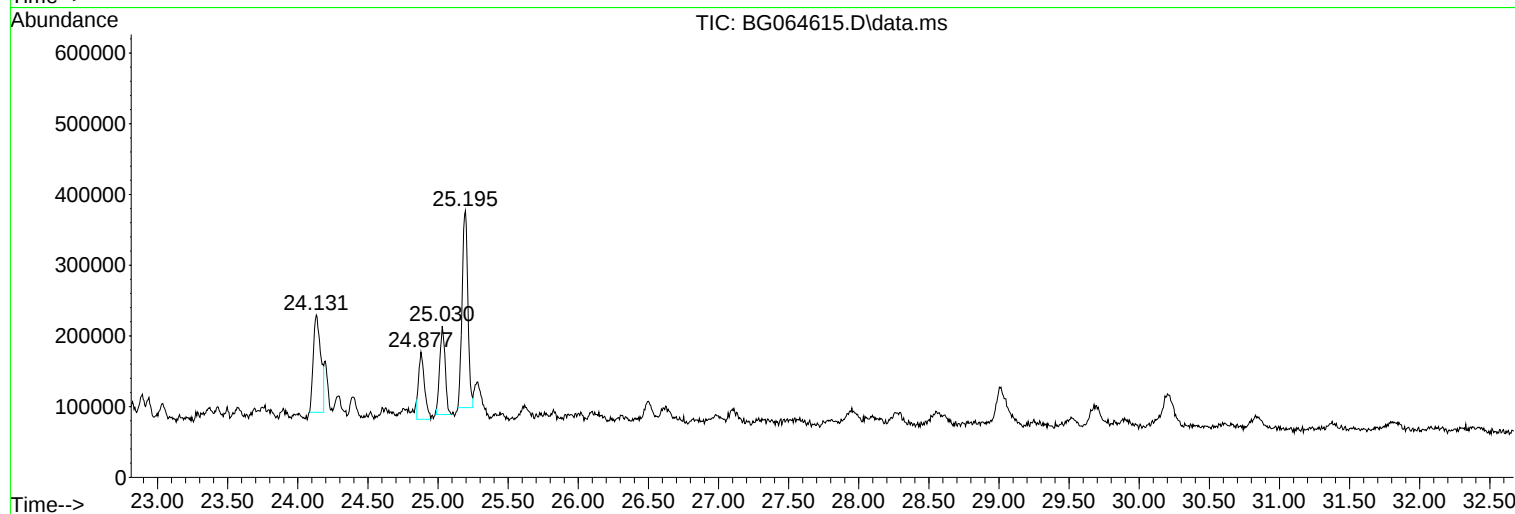
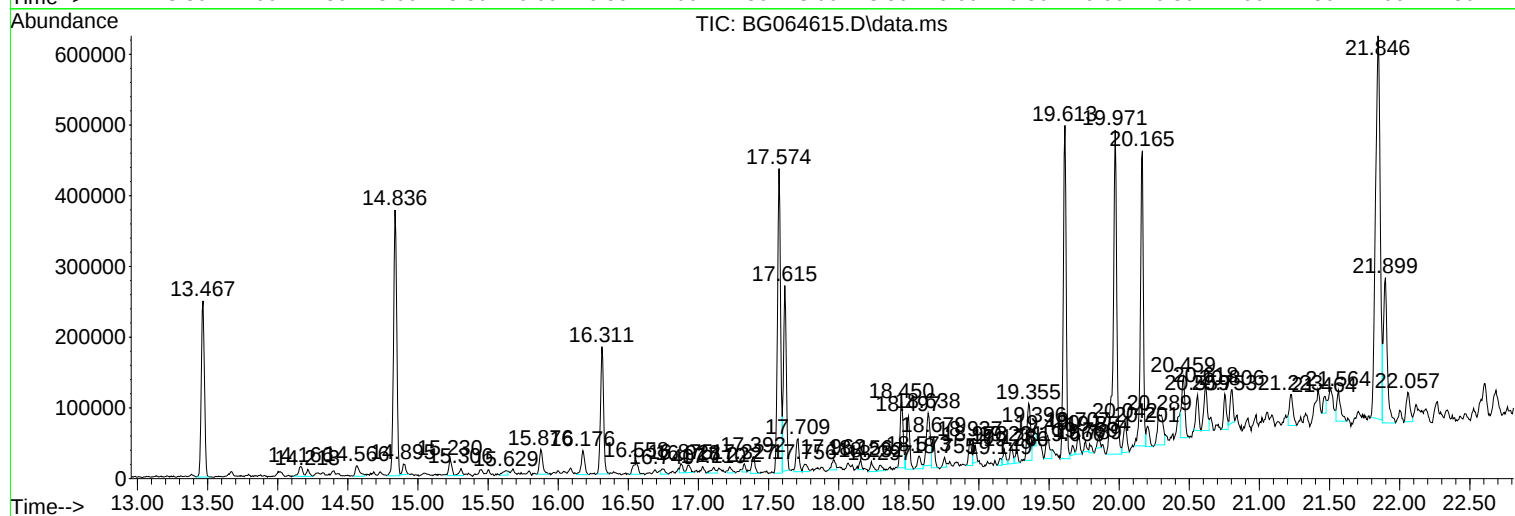
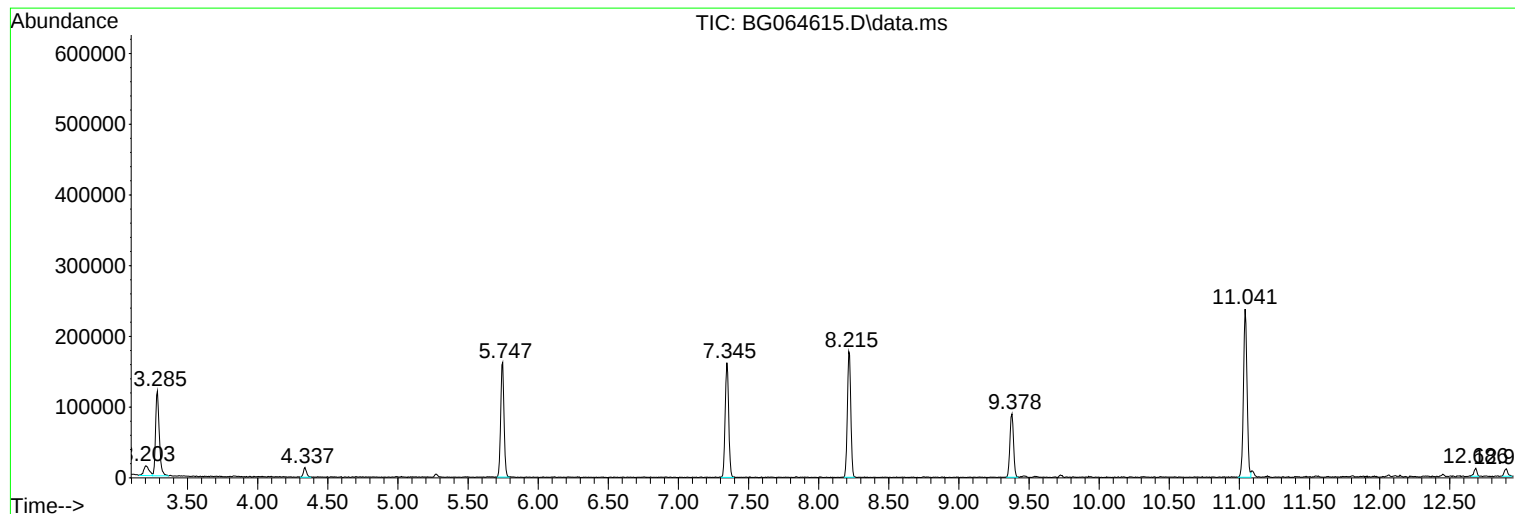
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064615.D
Acq On : 29 Oct 2025 00:01
Operator : RC/JU
Sample : Q3457-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-102425

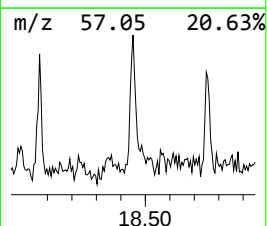
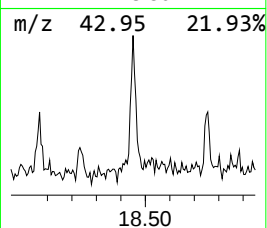
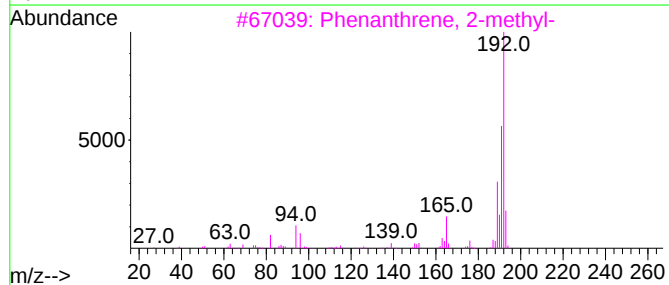
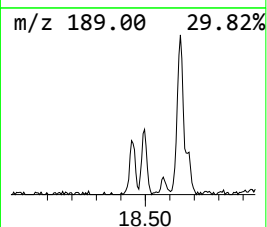
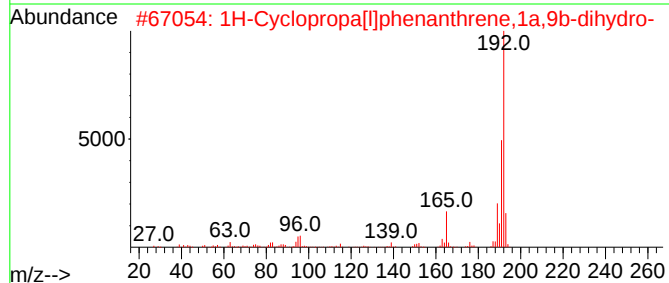
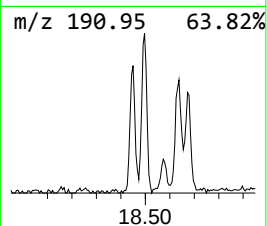
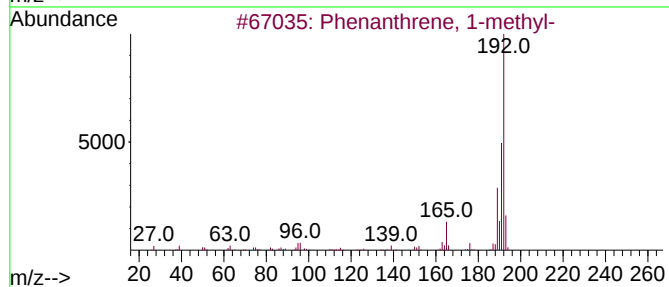
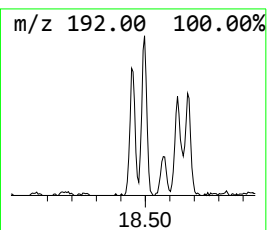
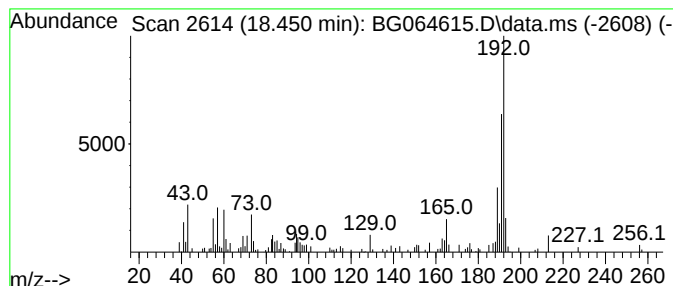
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	4.28 ng	144519	Phenanthrene-d10	17.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92



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Sample : Q3457-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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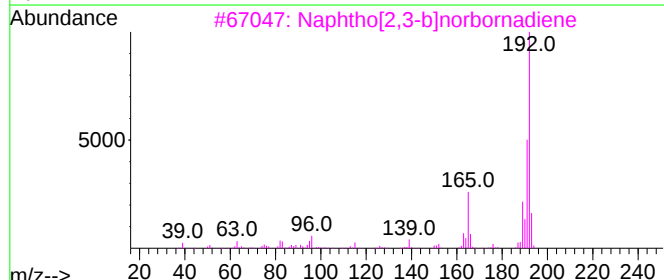
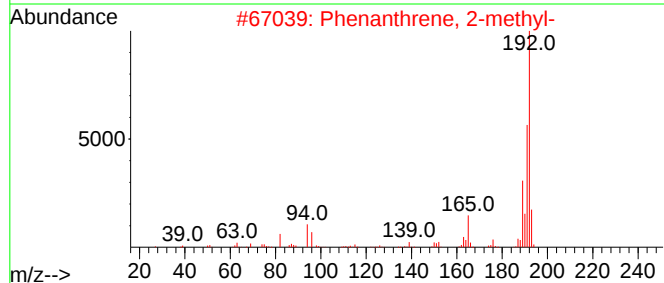
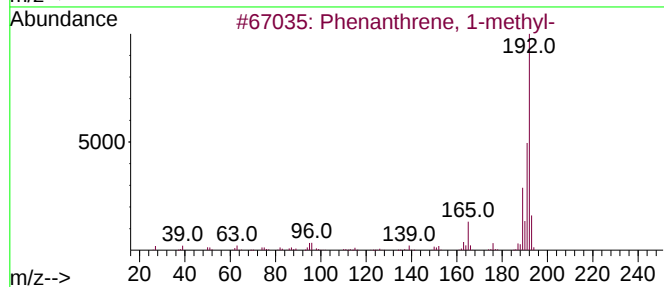
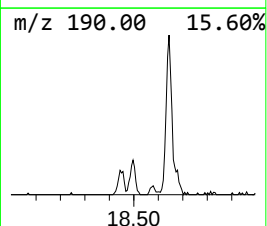
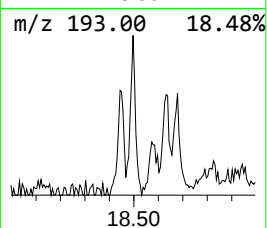
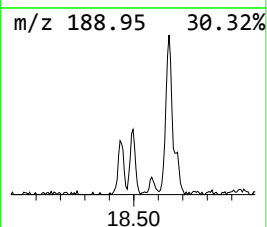
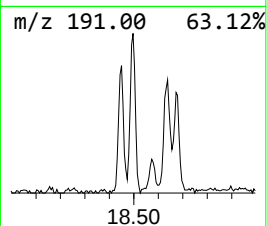
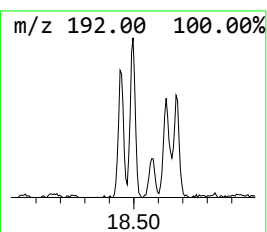
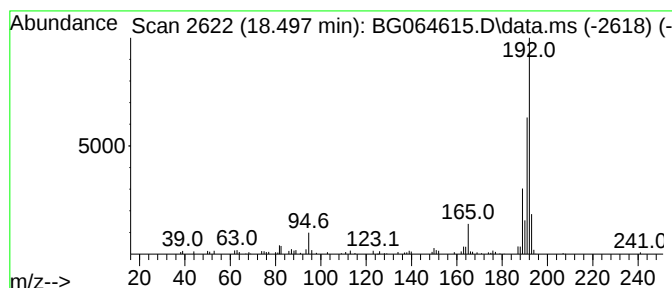
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.497	3.39 ng	114456	Phenanthrene-d10	17.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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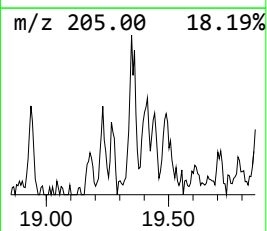
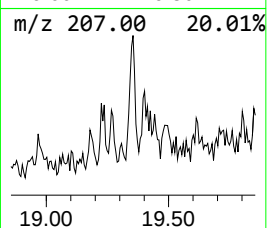
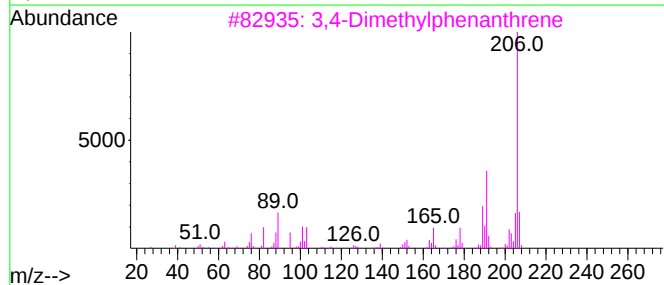
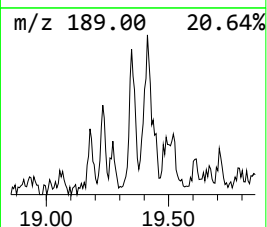
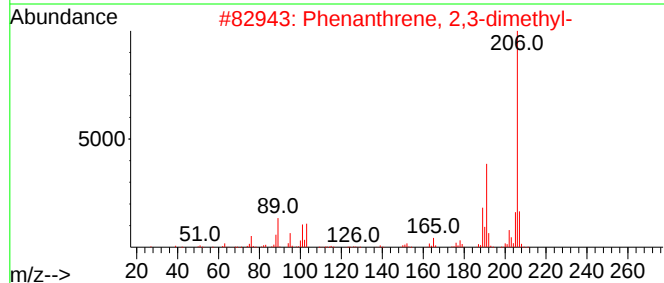
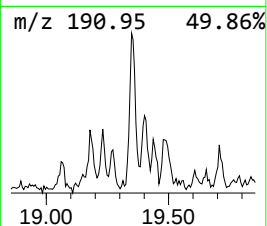
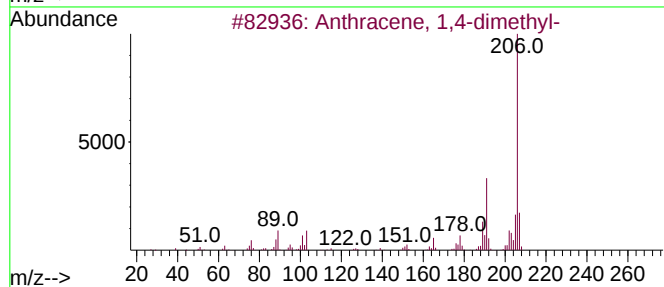
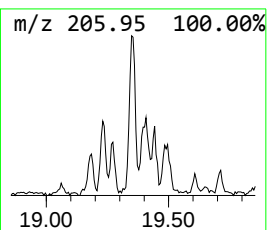
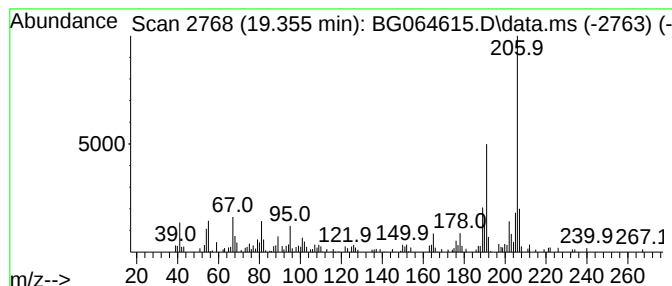
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.355	4.30 ng	145327	Phenanthrene-d10	17.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81



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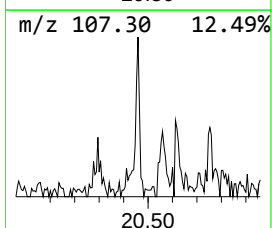
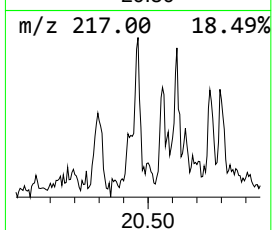
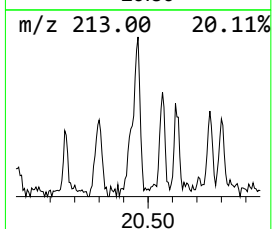
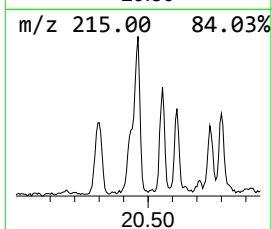
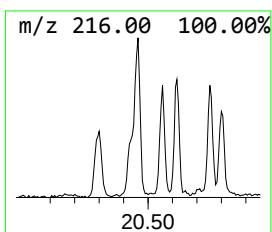
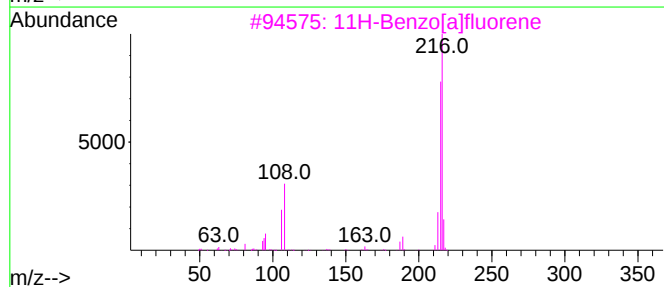
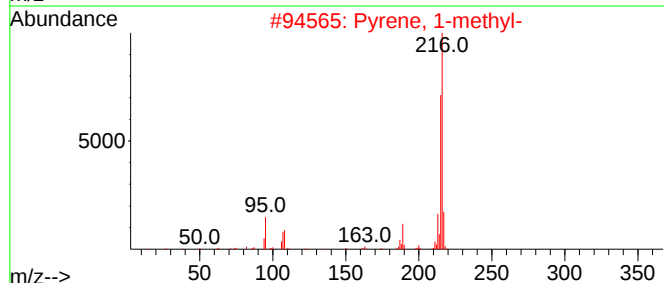
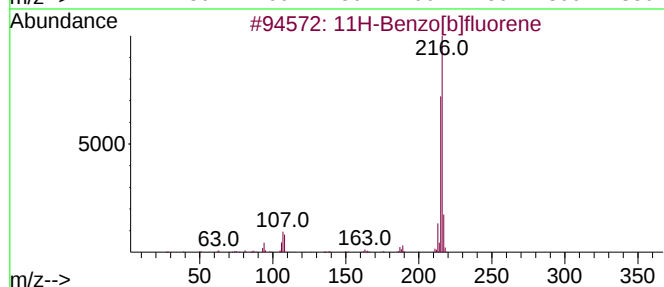
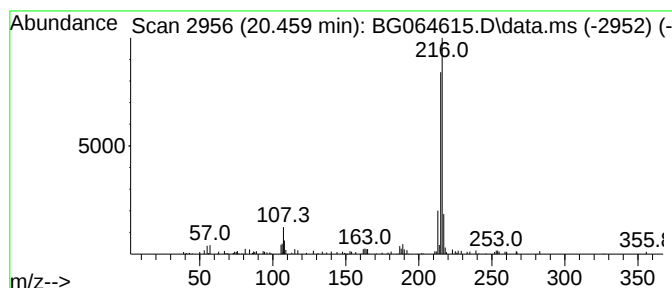
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.459	2.16 ng	137353	Chrysene-d12	21.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064615.D
Acq On : 29 Oct 2025 00:01
Operator : RC/JU
Sample : Q3457-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-102425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Phenanthrene, 1...	18.450	4.3	ng	144519	4	17.574	676066	20.0
Phenanthrene, 2...	18.497	3.4	ng	114456	4	17.574	676066	20.0
Anthracene, 1,4...	19.355	4.3	ng	145327	4	17.574	676066	20.0
11H-Benzo[b]flu...	20.459	2.2	ng	137353	5	21.852	1274190	20.0