

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064556.D
 Acq On : 20 Oct 2025 19:27
 Operator : RC/JU
 Sample : Q3383-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101725

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-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.417	390	396	405	rVB2	32631	55370	10.73%	1.291%
2	7.004	658	666	676	rBV3	27446	54667	10.59%	1.275%
3	7.820	799	805	813	rBB2	67738	110712	21.45%	2.582%
4	8.978	996	1002	1010	rBV2	18821	35612	6.90%	0.830%
5	10.605	1273	1279	1286	rBV	84676	147629	28.60%	3.443%
6	13.067	1692	1698	1707	rBB	54605	86085	16.68%	2.008%
7	14.448	1925	1933	1939	rBV2	137076	217591	42.16%	5.074%
8	14.512	1939	1944	1948	rVB3	5550	9578	1.86%	0.223%
9	14.853	1997	2002	2007	rBV	5165	6150	1.19%	0.143%
10	15.494	2107	2111	2116	rBV4	8473	13322	2.58%	0.311%
11	15.805	2159	2164	2171	rVB3	11552	17490	3.39%	0.408%
12	15.940	2181	2187	2194	rBV2	51338	83998	16.28%	1.959%
13	16.957	2357	2360	2363	rVV4	3469	5251	1.02%	0.122%
14	17.009	2363	2369	2375	rVB2	5640	10728	2.08%	0.250%
15	17.192	2394	2400	2404	rBV2	175973	277443	53.76%	6.470%
16	17.233	2404	2407	2413	rVV	97170	127975	24.80%	2.984%
17	17.327	2415	2423	2429	rVB	29732	42620	8.26%	0.994%
18	17.773	2494	2499	2505	rBV5	3707	6097	1.18%	0.142%
19	17.861	2509	2514	2517	rBV3	5108	7258	1.41%	0.169%
20	18.061	2544	2548	2551	rBV2	14466	20523	3.98%	0.479%
21	18.114	2553	2557	2562	rVV2	22839	36644	7.10%	0.855%
22	18.190	2564	2570	2574	rBV3	7951	13380	2.59%	0.312%
23	18.261	2574	2582	2585	rVV2	27011	49859	9.66%	1.163%
24	18.296	2585	2588	2594	rVB3	10469	15898	3.08%	0.371%
25	18.566	2629	2634	2638	rBV2	12762	18919	3.67%	0.441%
26	18.608	2638	2641	2645	rVB3	6530	8250	1.60%	0.192%
27	18.807	2672	2675	2679	rVV4	4990	6741	1.31%	0.157%
28	18.860	2679	2684	2688	rVV3	5130	9775	1.89%	0.228%
29	18.896	2688	2690	2695	rVB5	6244	7778	1.51%	0.181%
30	18.990	2700	2706	2710	rBV7	12996	30119	5.84%	0.702%
31	19.031	2711	2713	2719	rVB4	8556	12037	2.33%	0.281%
32	19.119	2725	2728	2732	rVB6	7677	11831	2.29%	0.276%
33	19.172	2732	2737	2740	rBV7	4978	8426	1.63%	0.196%
34	19.242	2743	2749	2755	rBV	232656	322499	62.49%	7.521%
35	19.301	2757	2759	2763	rVV4	5151	7021	1.36%	0.164%
36	19.489	2786	2791	2795	rVV4	10646	18348	3.56%	0.428%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064556.D
 Acq On : 20 Oct 2025 19:27
 Operator : RC/JU
 Sample : Q3383-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101725

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-BG100225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.518	2795	2796	2801	rVB4	7208	6461	1.25%	0.151%
38	19.606	2801	2811	2818	rBV	185127	349707	67.76%	8.155%
39	19.677	2820	2823	2828	rVB4	11784	15986	3.10%	0.373%
40	19.806	2836	2845	2849	rBV	134879	191906	37.18%	4.475%
41	19.841	2849	2851	2858	rVB4	10179	16641	3.22%	0.388%
42	19.930	2862	2866	2867	rBV3	13079	20068	3.89%	0.468%
43	20.059	2884	2888	2891	rBV6	15558	29002	5.62%	0.676%
44	20.094	2891	2894	2899	rVB	34451	55847	10.82%	1.302%
45	20.200	2907	2912	2916	rBV	29136	41141	7.97%	0.959%
46	20.253	2916	2921	2925	rBV5	23022	42879	8.31%	1.000%
47	20.335	2932	2935	2936	rBV3	6320	6588	1.28%	0.154%
48	20.388	2942	2944	2948	rBV5	10420	12263	2.38%	0.286%
49	20.441	2950	2953	2956	rVB4	12351	16723	3.24%	0.390%
50	20.552	2970	2972	2973	rBV2	8626	7191	1.39%	0.168%
51	20.846	3019	3022	3024	rVB4	11223	11211	2.17%	0.261%
52	21.064	3056	3059	3062	rBV	15325	20509	3.97%	0.478%
53	21.099	3063	3065	3072	rVB2	18081	27847	5.40%	0.649%
54	21.416	3111	3119	3123	rBV2	245352	516113	100.00%	12.036%
55	21.457	3123	3126	3134	rVB	89337	145383	28.17%	3.390%
56	21.598	3147	3150	3156	rVB3	22857	39568	7.67%	0.923%
57	21.792	3181	3183	3184	rBV2	11401	7525	1.46%	0.175%
58	22.292	3266	3268	3271	rBV4	10283	11557	2.24%	0.270%
59	23.461	3461	3467	3474	rBV2	69623	203443	39.42%	4.744%
60	24.125	3577	3580	3587	rVB2	35861	77568	15.03%	1.809%
61	24.266	3597	3604	3611	rVB	62274	139821	27.09%	3.261%
62	24.407	3620	3628	3635	rBV	129564	330972	64.13%	7.718%
63	31.334	4805	4807	4810	rBV4	8745	8149	1.58%	0.190%
64	31.375	4812	4814	4818	rBV5	9468	14791	2.87%	0.345%
65	32.427	4991	4993	4997	rBV5	6887	7652	1.48%	0.178%

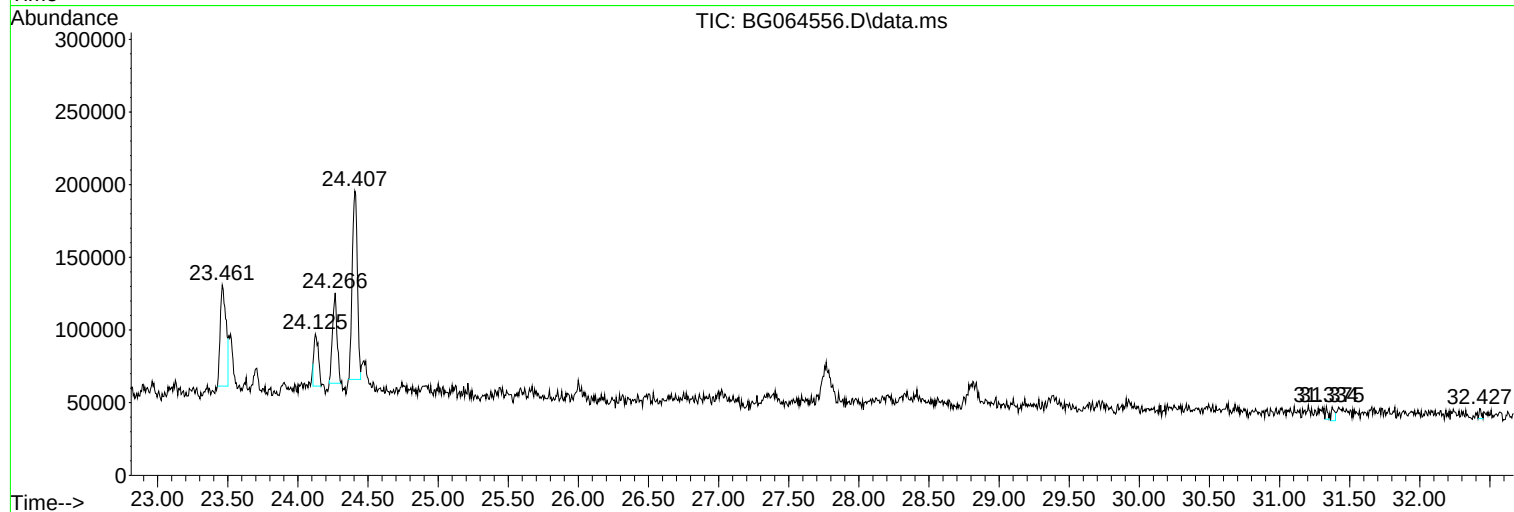
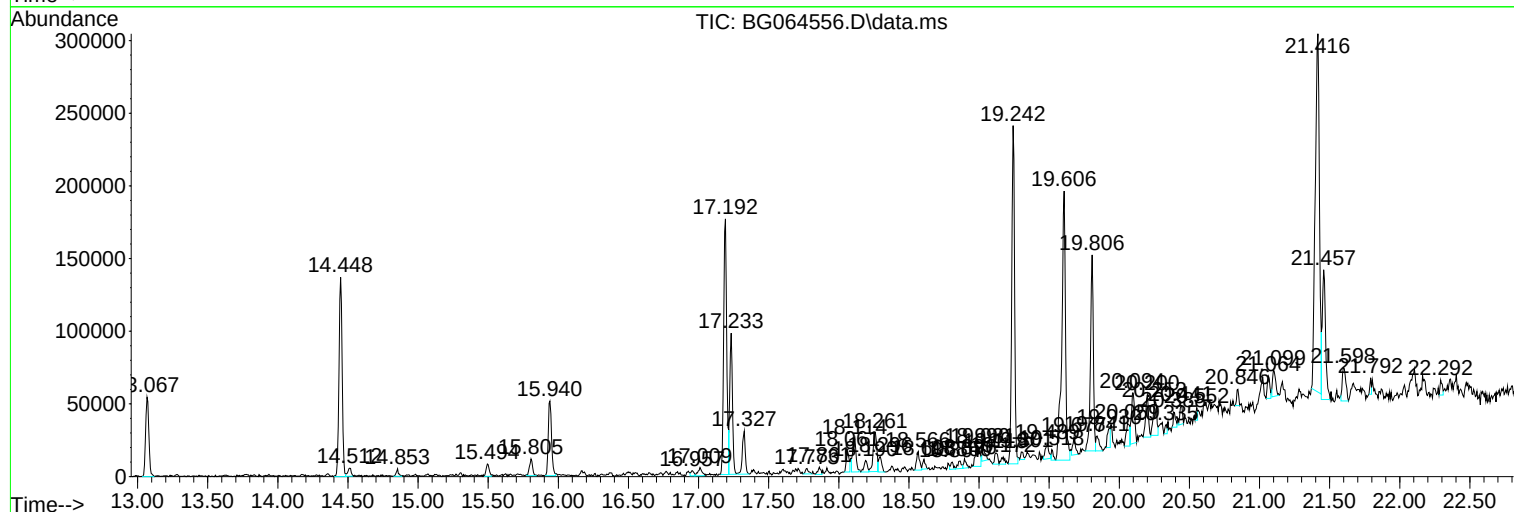
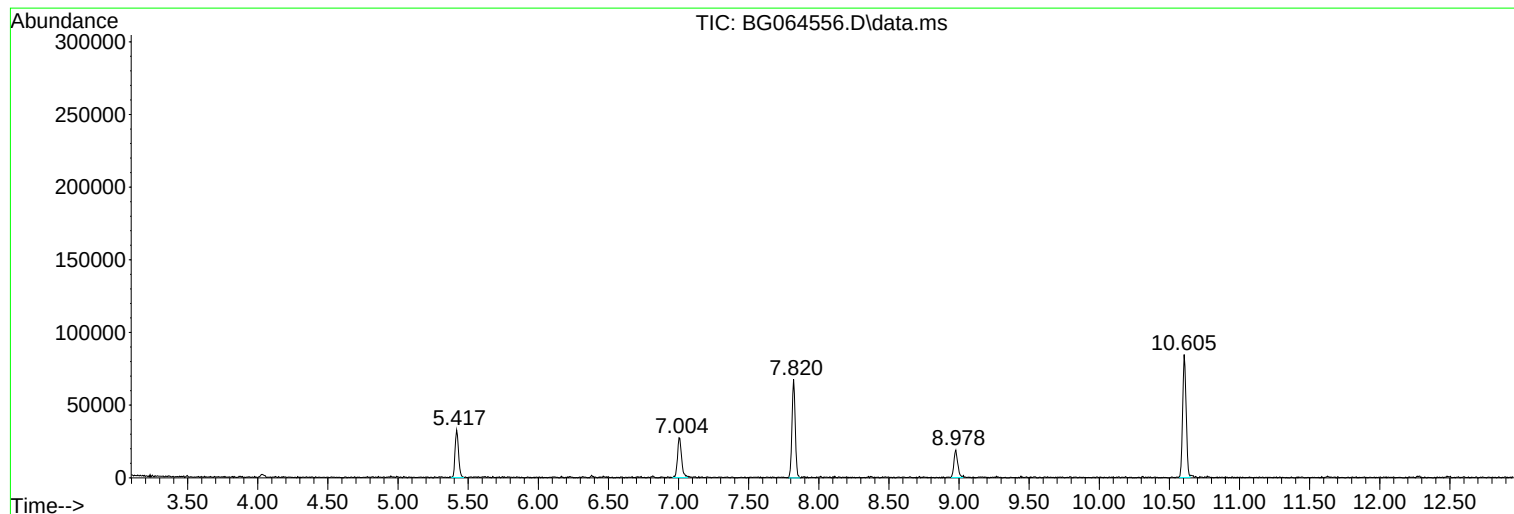
Sum of corrected areas: 4288136

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064556.D
Acq On : 20 Oct 2025 19:27
Operator : RC/JU
Sample : Q3383-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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\BG102025\
Data File : BG064556.D
Acq On : 20 Oct 2025 19:27
Operator : RC/JU
Sample : Q3383-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101725

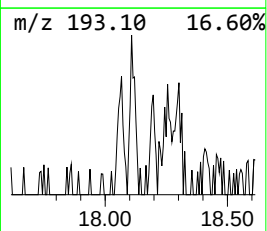
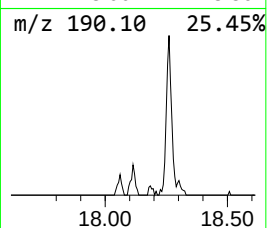
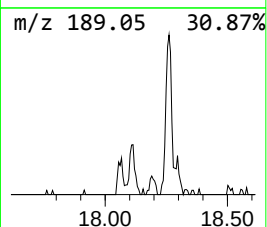
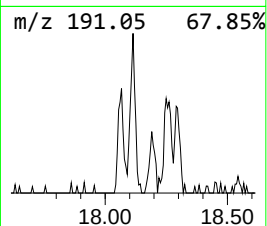
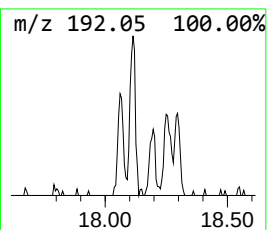
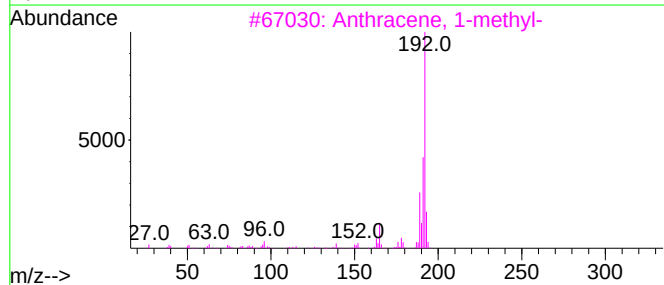
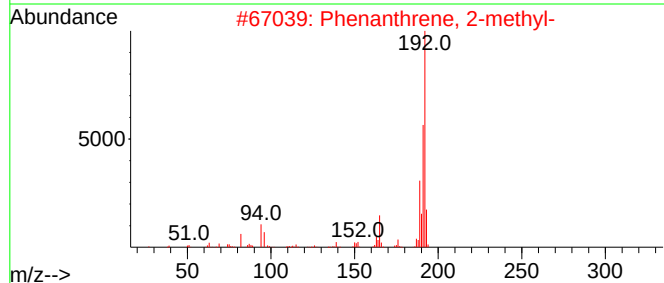
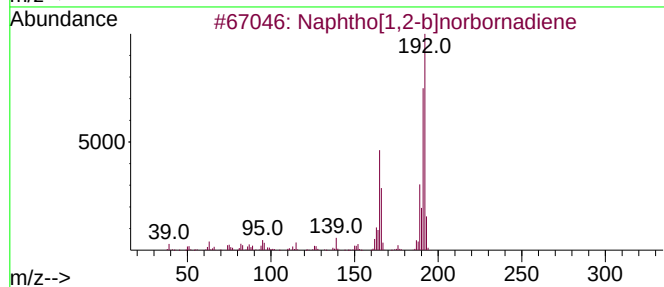
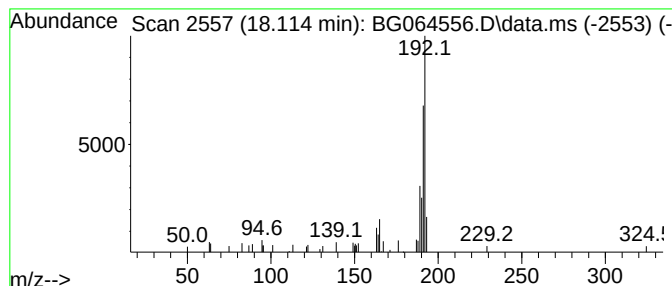
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphtho[1,2-b]norbornadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.114	2.64 ng	36644	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	89
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064556.D
Acq On : 20 Oct 2025 19:27
Operator : RC/JU
Sample : Q3383-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

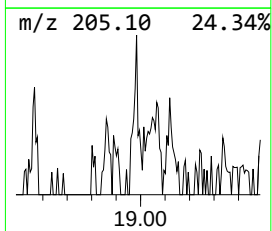
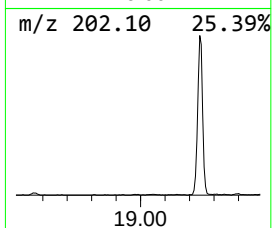
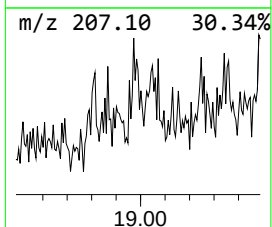
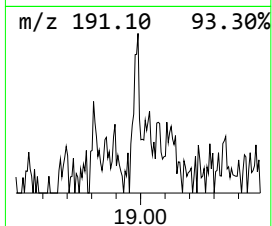
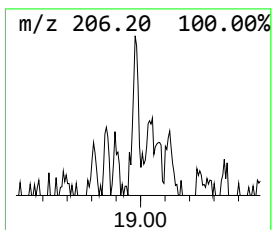
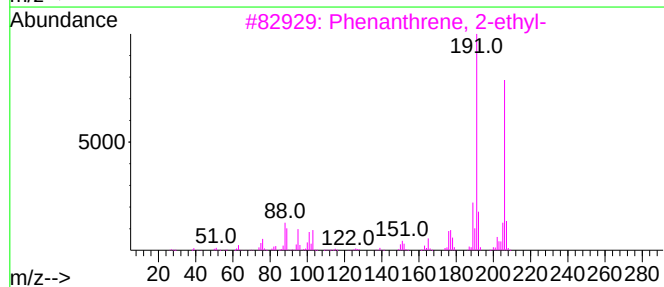
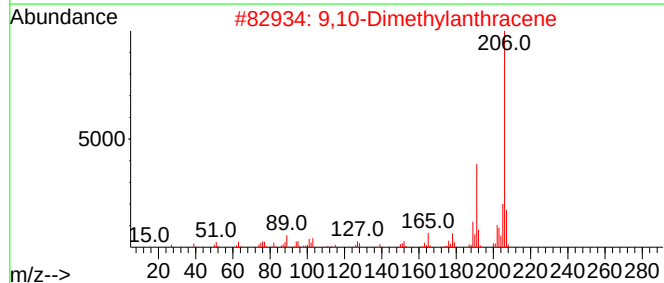
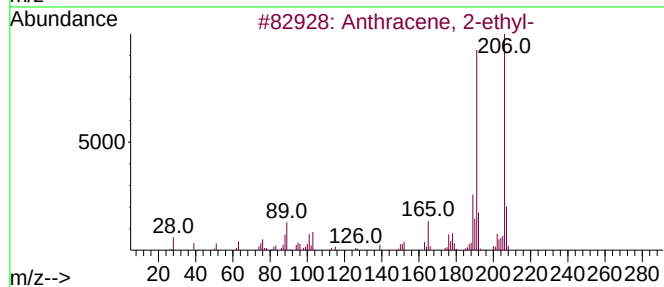
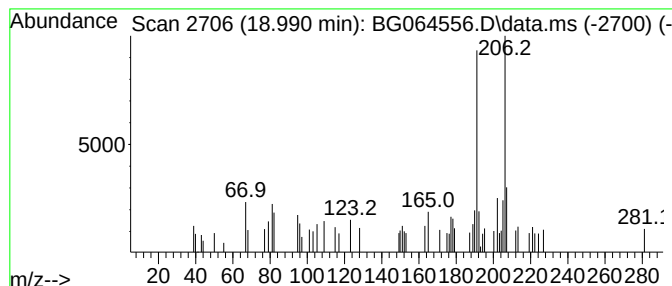
Instrument :
BNA_G
ClientSampleId :
OR-03-101725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.990	2.17 ng	30119	Phenanthrene-d10	17.192	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	76
3	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	58
4	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	58
5	1,3-Diphenylbuta-1,2-diene	206	C16H14	053544-89-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064556.D
Acq On : 20 Oct 2025 19:27
Operator : RC/JU
Sample : Q3383-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

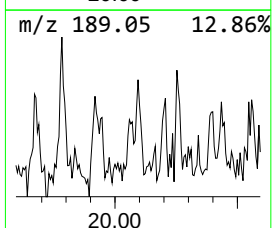
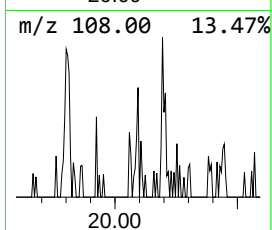
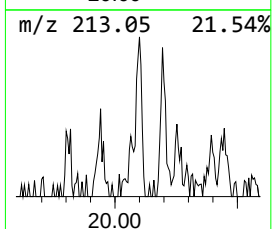
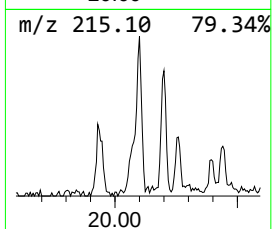
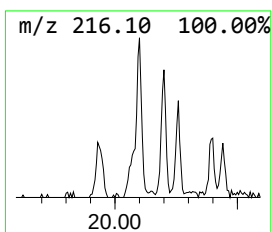
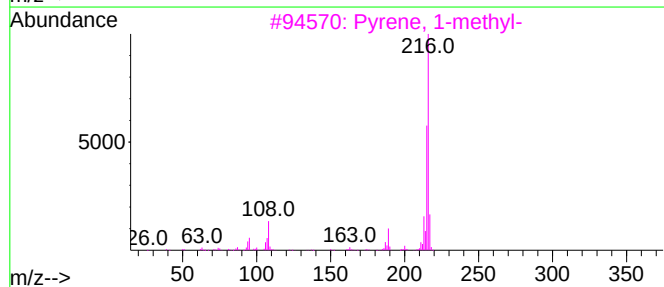
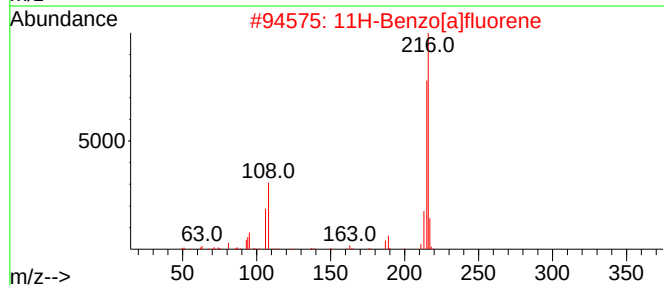
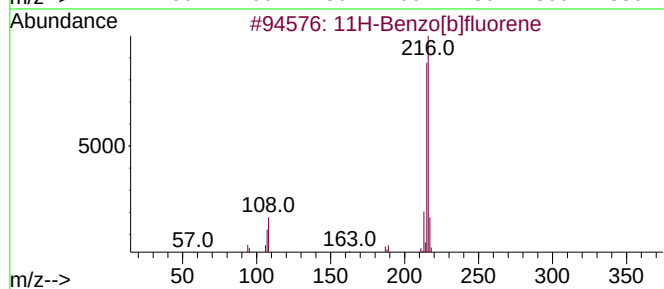
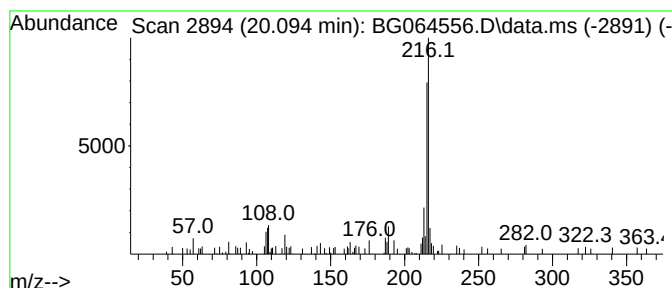
Instrument :
BNA_G
ClientSampleId :
OR-03-101725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.094	2.16 ng	55847	Chrysene-d12	21.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064556.D
Acq On : 20 Oct 2025 19:27
Operator : RC/JU
Sample : Q3383-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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
Naphtho[1,2-b]n...	18.114	2.6	ng	36644	4	17.192	277443	20.0
Anthracene, 2-e...	18.990	2.2	ng	30119	4	17.192	277443	20.0
11H-Benzo[b]flu...	20.094	2.2	ng	55847	5	21.416	516113	20.0