

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064312.D
 Acq On : 8 Sep 2025 18:22
 Operator : RC/JU
 Sample : Q3032-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-2

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-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	316	320	325	rBV	11645	17541	2.30%	0.264%
2	5.439	390	400	408	rBV	79170	126361	16.53%	1.904%
3	7.014	662	668	677	rBV	77816	135647	17.75%	2.044%
4	7.848	804	810	818	rVB	97956	160085	20.95%	2.412%
5	8.999	998	1006	1013	rBV	51427	87081	11.39%	1.312%
6	10.633	1278	1284	1293	rBV	125472	225840	29.55%	3.403%
7	13.095	1697	1703	1711	rBV	113642	173451	22.70%	2.614%
8	14.193	1887	1890	1898	rBV3	5365	8466	1.11%	0.128%
9	14.475	1930	1938	1944	rBV	217977	319217	41.77%	4.810%
10	15.521	2111	2116	2119	rBV2	9018	12616	1.65%	0.190%
11	15.833	2160	2169	2175	rVB5	11248	19318	2.53%	0.291%
12	15.962	2184	2191	2201	rVB	131393	206385	27.01%	3.110%
13	17.037	2369	2374	2379	rVB4	6349	8462	1.11%	0.128%
14	17.213	2397	2404	2408	rBV	304704	437781	57.28%	6.597%
15	17.254	2408	2411	2418	rVV	118374	176130	23.05%	2.654%
16	17.343	2422	2426	2432	rVV	20573	32603	4.27%	0.491%
17	17.613	2468	2472	2476	rVB	6821	9302	1.22%	0.140%
18	18.089	2548	2553	2555	rBV	20961	30886	4.04%	0.465%
19	18.136	2558	2561	2567	rVV2	32308	52345	6.85%	0.789%
20	18.218	2571	2575	2581	rVV2	7552	12590	1.65%	0.190%
21	18.283	2581	2586	2590	rVV3	33131	62240	8.14%	0.938%
22	18.318	2590	2592	2598	rVB2	16083	19652	2.57%	0.296%
23	18.594	2634	2639	2641	rBV	17109	25049	3.28%	0.377%
24	18.623	2641	2644	2651	rVB4	15209	24355	3.19%	0.367%
25	18.882	2685	2688	2692	rVV3	6658	7925	1.04%	0.119%
26	19.005	2705	2709	2715	rBV2	18706	32001	4.19%	0.482%
27	19.058	2715	2718	2719	rVV3	6723	8104	1.06%	0.122%
28	19.140	2729	2732	2736	rBV4	15119	22933	3.00%	0.346%
29	19.270	2748	2754	2760	rVB	263121	367757	48.12%	5.542%
30	19.364	2768	2770	2773	rVV4	7127	10067	1.32%	0.152%
31	19.411	2776	2778	2783	rVV3	9286	14442	1.89%	0.218%
32	19.464	2783	2787	2791	rVV8	8039	17495	2.29%	0.264%
33	19.511	2792	2795	2800	rVV4	12209	21115	2.76%	0.318%
34	19.628	2811	2815	2823	rVB	234073	335271	43.87%	5.052%
35	19.705	2823	2828	2834	rVB5	14192	23411	3.06%	0.353%
36	19.834	2842	2850	2854	rBV	240158	333178	43.60%	5.021%

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37	19.951	2865	2870	2871	rBV3	23672	31397	4.11%	0.473%
38	20.086	2889	2893	2895	rVV5	18438	27788	3.64%	0.419%
39	20.122	2896	2899	2905	rVB2	45622	61656	8.07%	0.929%
40	20.222	2912	2916	2921	rVV2	27402	39232	5.13%	0.591%
41	20.280	2921	2926	2930	rVB3	24419	44900	5.88%	0.677%
42	20.363	2937	2940	2942	rBV4	7513	11084	1.45%	0.167%
43	20.415	2944	2949	2953	rVV2	17902	25933	3.39%	0.391%
44	20.468	2955	2958	2962	rVB3	22217	25502	3.34%	0.384%
45	20.586	2975	2978	2984	rVB8	11637	16956	2.22%	0.256%
46	20.633	2984	2986	2990	rBV5	7523	11980	1.57%	0.181%
47	20.703	2996	2998	3000	rBV3	11336	8038	1.05%	0.121%
48	20.874	3023	3027	3031	rVB4	23602	34849	4.56%	0.525%
49	21.050	3050	3057	3060	rBV2	28209	56723	7.42%	0.855%
50	21.091	3060	3064	3066	rVV3	24718	37110	4.86%	0.559%
51	21.126	3067	3070	3076	rVV4	38125	76519	10.01%	1.153%
52	21.185	3077	3080	3085	rVB3	22994	40354	5.28%	0.608%
53	21.444	3116	3124	3129	rBV2	376600	764221	100.00%	11.516%
54	21.491	3129	3132	3140	rVB	118743	178579	23.37%	2.691%
55	21.643	3153	3158	3161	rBV5	18855	29758	3.89%	0.448%
56	21.831	3185	3190	3194	rBV8	15441	31092	4.07%	0.469%
57	22.066	3226	3230	3233	rBV5	13791	20154	2.64%	0.304%
58	22.102	3234	3236	3237	rVV2	19372	14320	1.87%	0.216%
59	22.143	3239	3243	3247	rVV3	34529	63224	8.27%	0.953%
60	22.202	3251	3253	3259	rVV6	19308	39974	5.23%	0.602%
61	22.272	3263	3265	3268	rBV4	8502	10391	1.36%	0.157%
62	23.506	3464	3475	3479	rBV2	97119	265064	34.68%	3.994%
63	23.741	3510	3515	3524	rVB5	21186	44734	5.85%	0.674%
64	24.176	3583	3589	3597	rVB	47128	121986	15.96%	1.838%
65	24.311	3606	3612	3623	rVB	74243	197201	25.80%	2.972%
66	24.458	3627	3637	3644	rBV	211701	571930	74.84%	8.619%
67	24.775	3688	3691	3692	rBV3	9754	8184	1.07%	0.123%
68	25.333	3784	3786	3791	rBV5	7165	8363	1.09%	0.126%
69	27.824	4201	4210	4219	rBV6	37149	131713	17.23%	1.985%
70	32.172	4948	4950	4953	rBV3	6633	8027	1.05%	0.121%

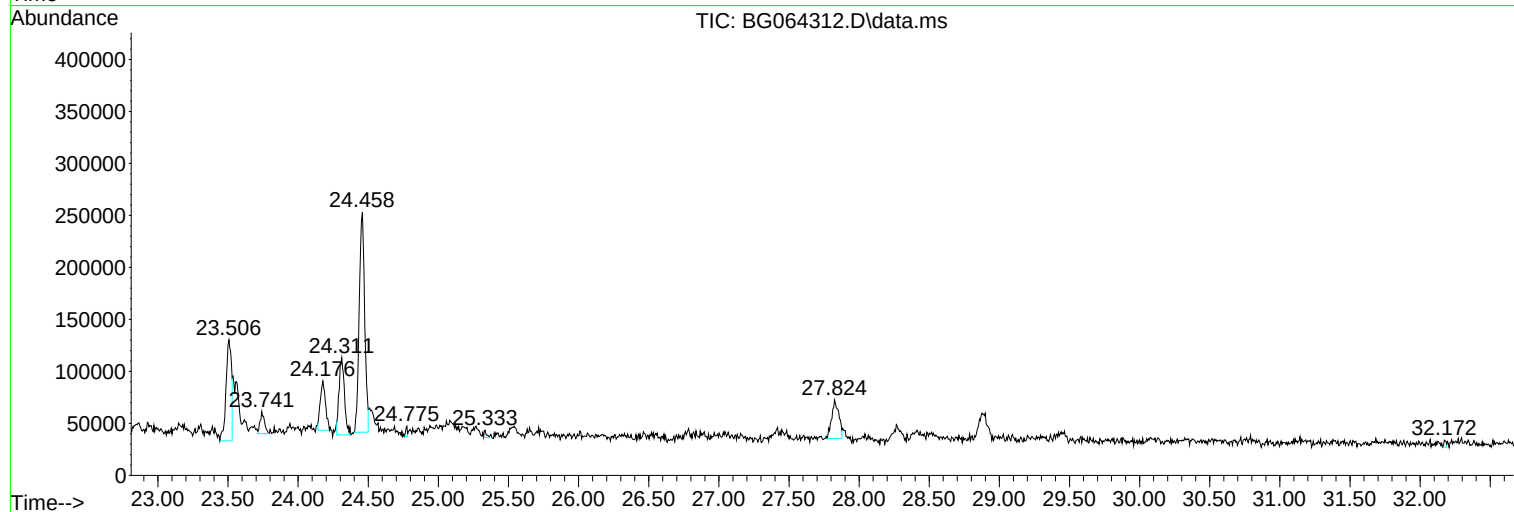
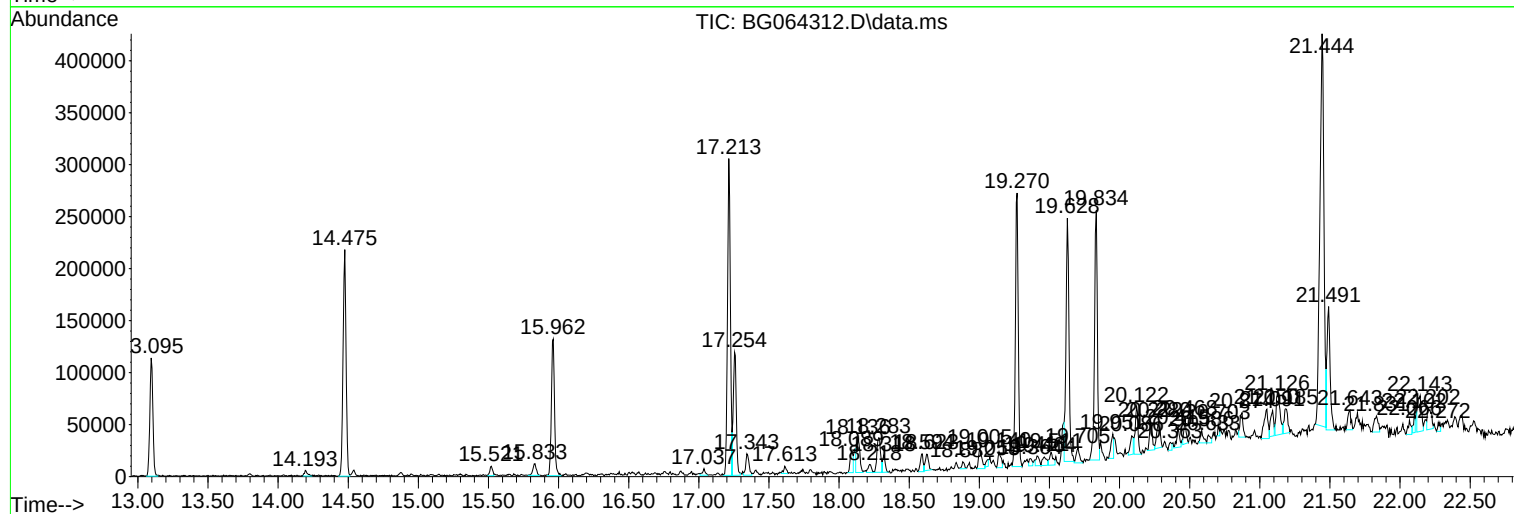
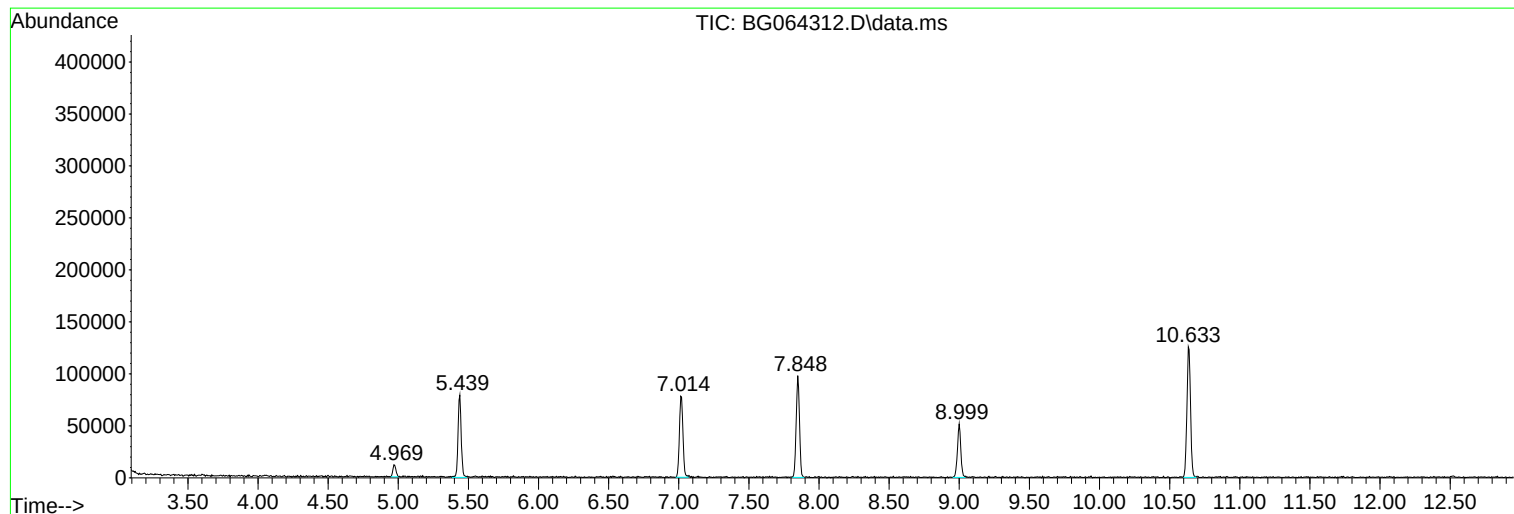
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG064312.D
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Misc :
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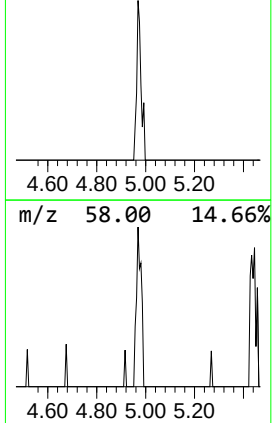
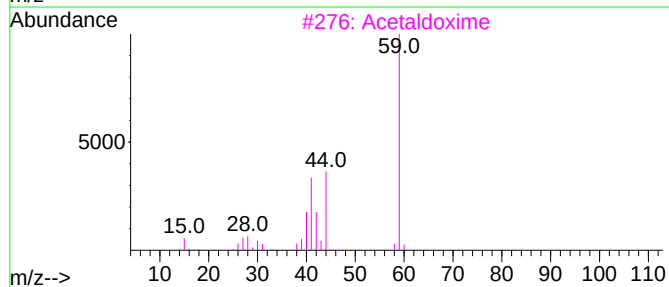
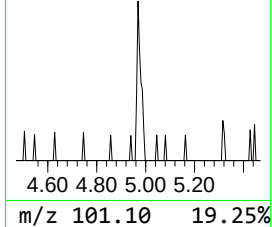
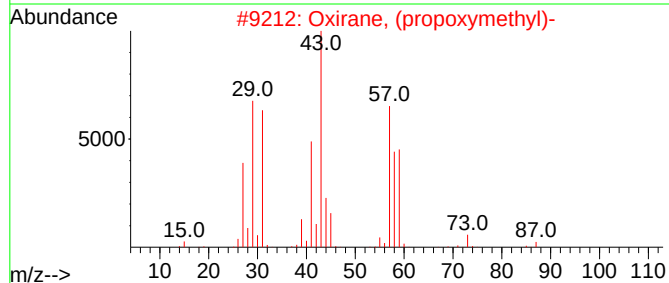
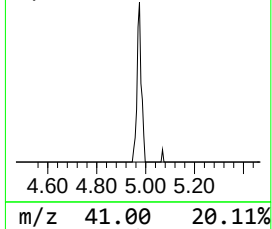
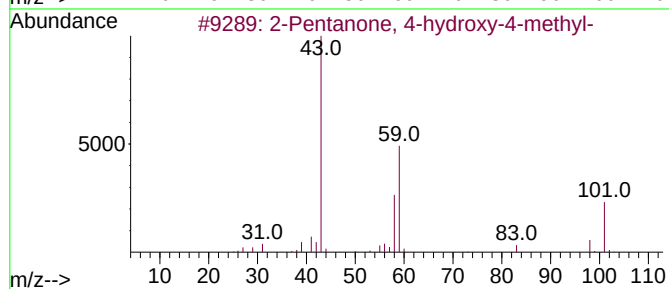
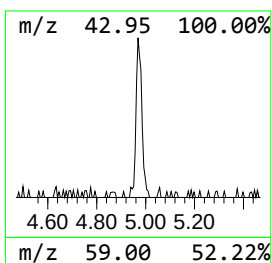
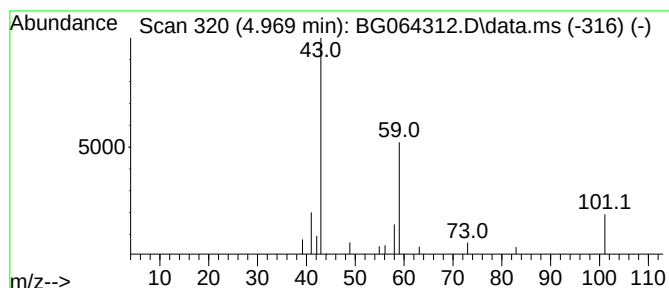
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
4.969	2.19 ng	17541	1,4-Dichlorobenzene-d4		7.848	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	Oxirane, (propoxymethyl)-		116	C6H12O2	003126-95-2	9
3	Acetaldoxime		59	C2H5NO	000107-29-9	7
4	Isopropyl isothiocyanate		101	C4H7NS	002253-73-8	5
5	Propylamine		59	C3H9N	000107-10-8	5



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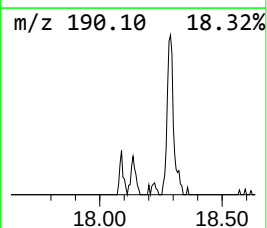
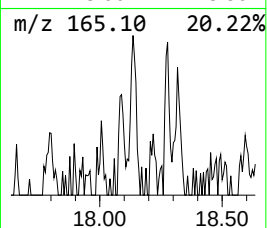
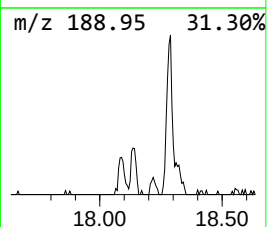
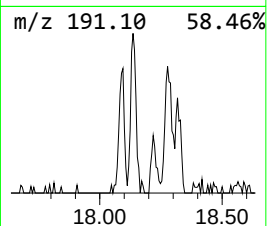
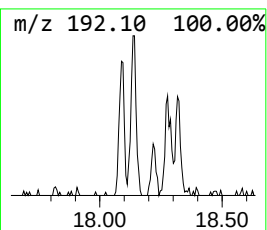
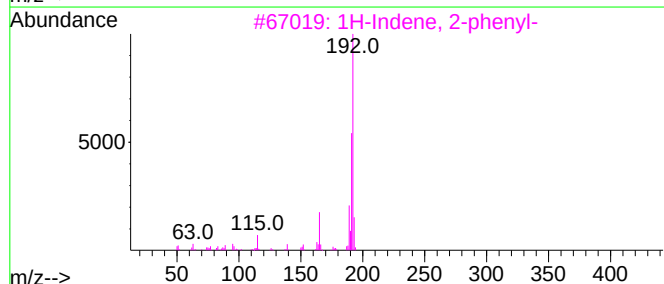
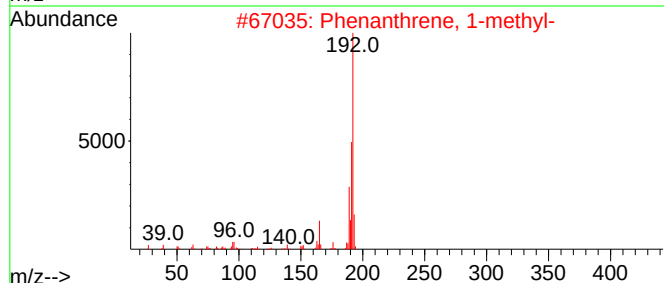
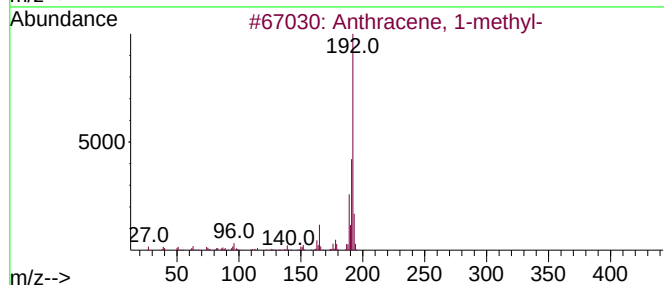
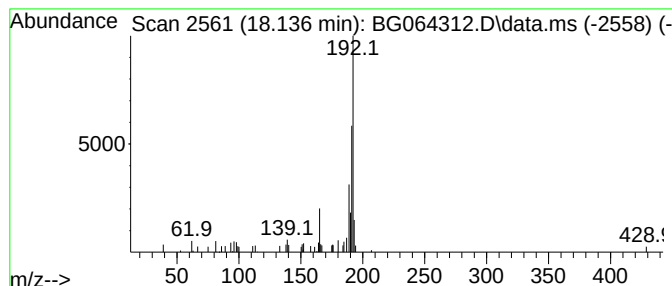
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	2.39 ng	52345	Phenanthrene-d10	17.213

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



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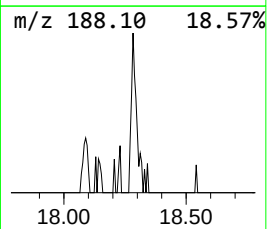
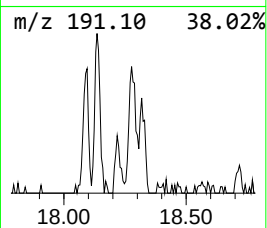
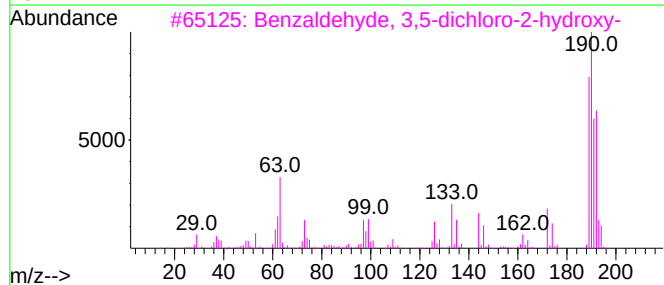
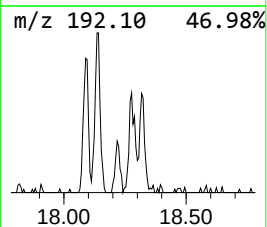
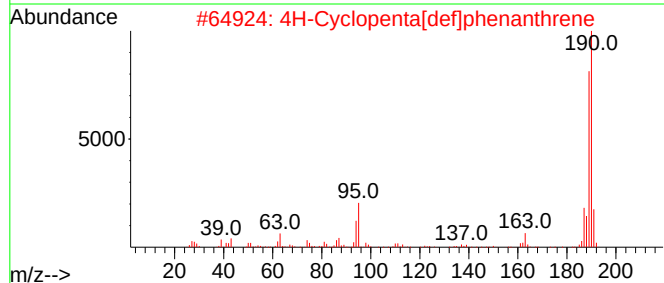
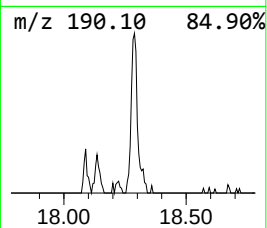
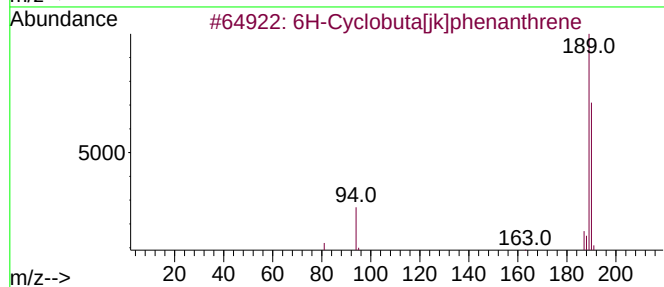
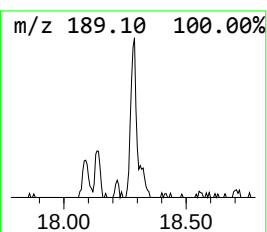
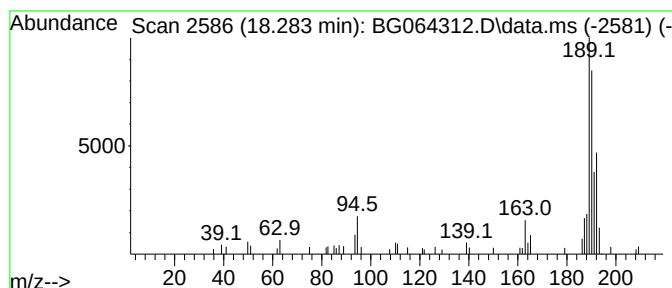
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Peak Number 3 6H-Cyclobuta[jk]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.283	2.84 ng	62240	Phenanthrene-d10		17.213	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	53
4	Methyl diselenide		190	C2H6Se2	007101-31-7	43
5	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	38



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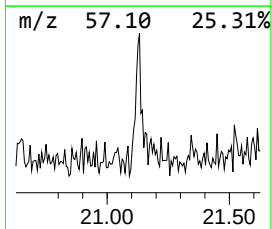
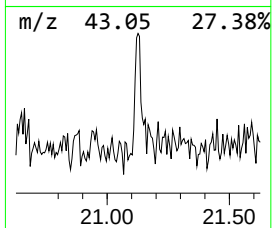
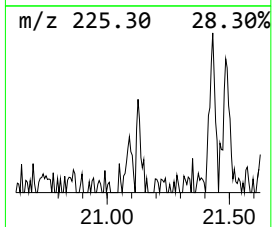
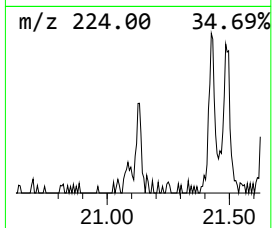
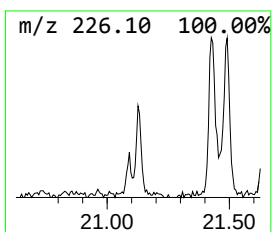
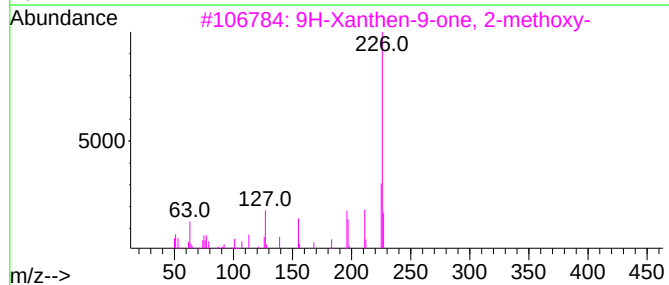
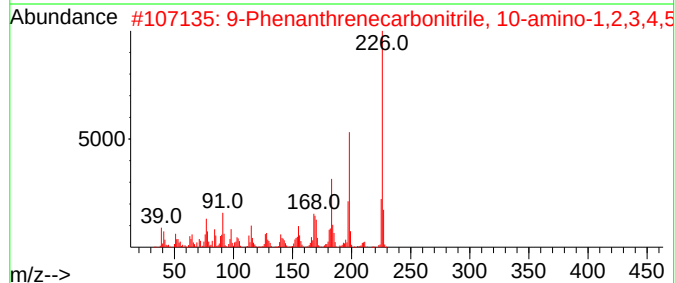
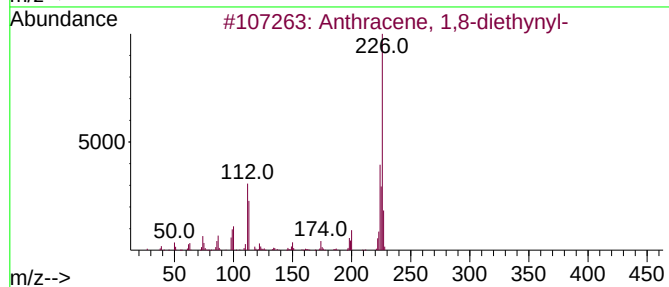
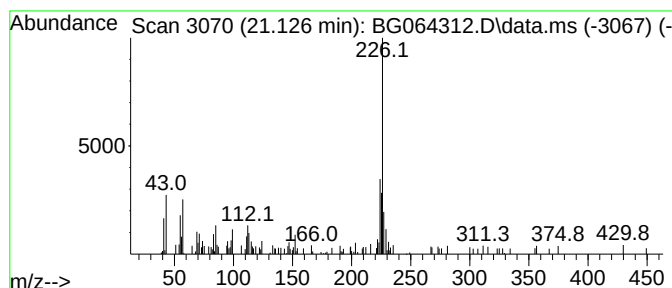
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Anthracene, 1,8-diethynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.126	2.00 ng	76519	Chrysene-d12	21.444

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	62
2			9-Phenanthrenecarbonitrile, 10-a...	226	C15H18N2	1010338-20-4	58
3			9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	58
4			3H-Spiro[1,3-benzothiazole-2,3'-...	254	C14H10N2OS	120105-59-1	53
5			9H-Xanthen-9-one, 1-methoxy-	226	C14H10O3	006563-60-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

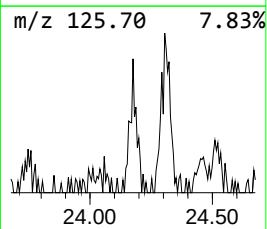
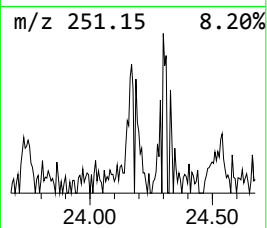
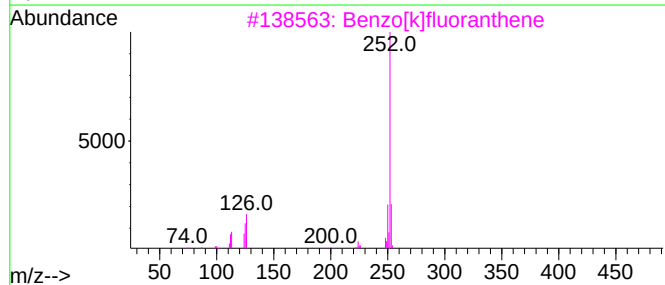
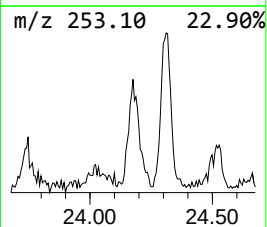
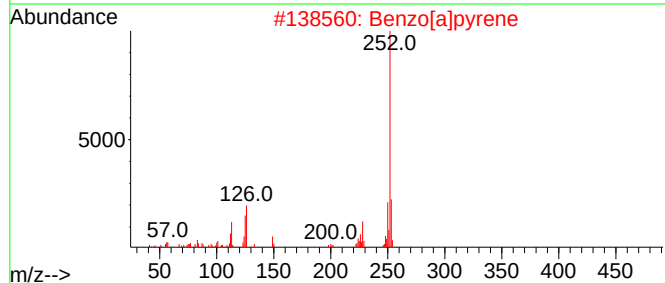
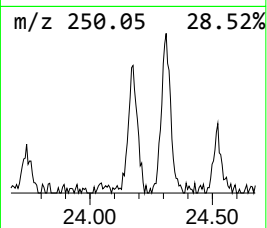
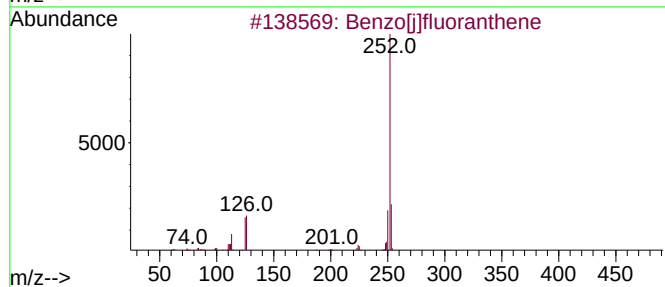
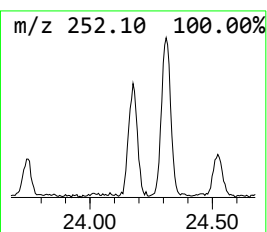
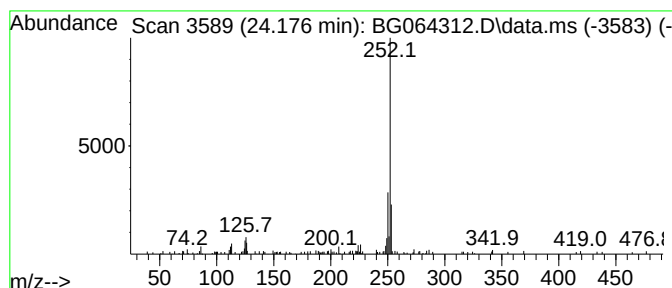
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.176	4.27 ng	121986	Perylene-d12	24.458

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
2			Benzo[a]pyrene	252	C20H12	000050-32-8	76
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	68
5			Benzo[e]pyrene	252	C20H12	000192-97-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.969	2.2	ng	17541	1	7.848	160085	20.0
Anthracene, 1-m...	18.136	2.4	ng	52345	4	17.213	437781	20.0
6H-Cyclobuta[jk...	18.283	2.8	ng	62240	4	17.213	437781	20.0
Anthracene, 1,8...	21.126	2.0	ng	76519	5	21.444	764221	20.0
Benzo[j]fluoran...	24.176	4.3	ng	121986	6	24.458	571930	20.0