

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064610.D
 Acq On : 28 Oct 2025 20:37
 Operator : RC/JU
 Sample : Q3451-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

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: BG064610.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.194	14	18	26	rBV2	19999	45294	2.06%	0.192%
2	3.276	26	32	48	rVB	357038	654750	29.73%	2.772%
3	5.744	444	452	463	rBV	534321	898058	40.78%	3.802%
4	7.348	717	725	734	rBV	554939	953906	43.32%	4.038%
5	8.218	864	873	880	rBV	157819	266484	12.10%	1.128%
6	9.375	1062	1070	1079	rBV	304385	553028	25.11%	2.341%
7	11.044	1346	1354	1360	rBV	218745	391390	17.77%	1.657%
8	13.470	1759	1767	1774	rVB	858352	1372771	62.34%	5.811%
9	14.839	1992	2000	2006	rBV	383534	607447	27.58%	2.572%
10	14.898	2006	2010	2017	rVB2	34827	54843	2.49%	0.232%
11	15.879	2172	2177	2182	rBV	32224	46746	2.12%	0.198%
12	16.179	2222	2228	2234	rVB	136609	197243	8.96%	0.835%
13	16.314	2244	2251	2262	rBV	903919	1339566	60.83%	5.671%
14	16.743	2320	2324	2331	rVB2	25242	37863	1.72%	0.160%
15	17.389	2431	2434	2441	rVB	18880	28441	1.29%	0.120%
16	17.571	2459	2465	2469	rBV	525513	849743	38.59%	3.597%
17	17.618	2469	2473	2479	rVV	539963	792679	36.00%	3.356%
18	17.706	2479	2488	2494	rVB	141094	223339	10.14%	0.945%
19	17.965	2523	2532	2537	rBV2	27873	52072	2.36%	0.220%
20	18.094	2546	2554	2558	rBV3	14752	23690	1.08%	0.100%
21	18.453	2609	2615	2619	rBV	127088	201791	9.16%	0.854%
22	18.494	2619	2622	2629	rVV	61190	97312	4.42%	0.412%
23	18.576	2629	2636	2640	rVV2	25076	43979	2.00%	0.186%
24	18.646	2641	2648	2660	rVB2	112178	233209	10.59%	0.987%
25	18.940	2691	2698	2701	rBV	51892	84128	3.82%	0.356%
26	18.970	2701	2703	2708	rVB3	32698	41225	1.87%	0.175%
27	19.346	2764	2767	2771	rBV2	15769	24866	1.13%	0.105%
28	19.487	2786	2791	2800	rBV2	29354	51174	2.32%	0.217%
29	19.616	2806	2813	2819	rBV	1168159	1681292	76.35%	7.118%
30	19.710	2825	2829	2833	rBV4	36562	51088	2.32%	0.216%
31	19.851	2846	2853	2858	rVV2	33734	65714	2.98%	0.278%
32	19.974	2869	2874	2881	rVB	917339	1386424	62.96%	5.869%
33	20.039	2881	2885	2890	rVB	27117	42746	1.94%	0.181%
34	20.162	2899	2906	2911	rBV	1576992	2202179	100.00%	9.323%
35	20.203	2911	2913	2918	rVV2	39604	48749	2.21%	0.206%
36	20.286	2922	2927	2933	rVV4	44937	113188	5.14%	0.479%

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37	20.333	2933	2935	2941	rVB	18214	26422	1.20%	0.112%
38	20.421	2946	2950	2951	rBV3	26175	29717	1.35%	0.126%
39	20.456	2952	2956	2961	rVB	103300	161620	7.34%	0.684%
40	20.556	2967	2973	2977	rBV	104232	149767	6.80%	0.634%
41	20.615	2978	2983	2987	rVV2	55847	118232	5.37%	0.501%
42	20.650	2987	2989	2993	rVB	48155	54212	2.46%	0.230%
43	20.756	3003	3007	3010	rBV	24953	33761	1.53%	0.143%
44	20.803	3010	3015	3018	rBV2	31162	48086	2.18%	0.204%
45	21.220	3083	3086	3094	rVB2	36148	68068	3.09%	0.288%
46	21.420	3112	3120	3123	rBV3	44558	97441	4.42%	0.413%
47	21.478	3123	3130	3131	rBV2	55818	107285	4.87%	0.454%
48	21.567	3141	3145	3154	rVB2	47817	92789	4.21%	0.393%
49	21.843	3179	3192	3198	rBV3	554474	1635699	74.28%	6.925%
50	21.896	3198	3201	3214	rVB	330239	553368	25.13%	2.343%
51	22.054	3223	3228	3235	rBV2	109882	204529	9.29%	0.866%
52	22.184	3248	3250	3258	rVB3	35609	58485	2.66%	0.248%
53	22.260	3258	3263	3272	rBV2	51635	115441	5.24%	0.489%
54	22.607	3318	3322	3327	rVB2	33687	62797	2.85%	0.266%
55	22.695	3331	3337	3344	rVB6	31978	84799	3.85%	0.359%
56	22.824	3355	3359	3364	rBV4	18343	29820	1.35%	0.126%
57	22.889	3366	3370	3373	rBV3	22174	32833	1.49%	0.139%
58	23.030	3388	3394	3398	rBV6	22464	51715	2.35%	0.219%
59	23.282	3431	3437	3442	rBV5	19841	50438	2.29%	0.214%
60	24.134	3572	3582	3589	rBV	243992	895679	40.67%	3.792%
61	24.399	3622	3627	3635	rVB2	47476	108563	4.93%	0.460%
62	24.880	3701	3709	3722	rVB	148746	469789	21.33%	1.989%
63	25.033	3725	3735	3746	rVV	225967	675459	30.67%	2.859%
64	25.192	3750	3762	3770	rVV	274447	855939	38.87%	3.624%
65	25.268	3771	3775	3789	rVB2	80626	225666	10.25%	0.955%
66	29.011	4400	4412	4430	rVB2	91539	440494	20.00%	1.865%
67	30.204	4604	4615	4628	rVB2	74865	324387	14.73%	1.373%

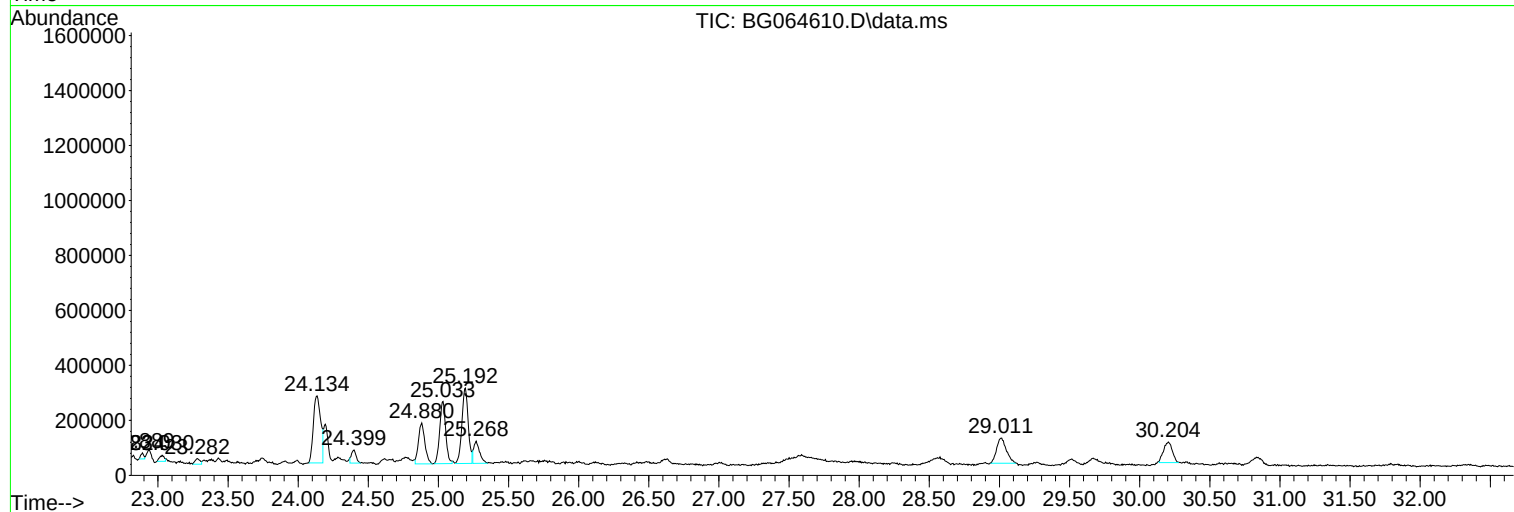
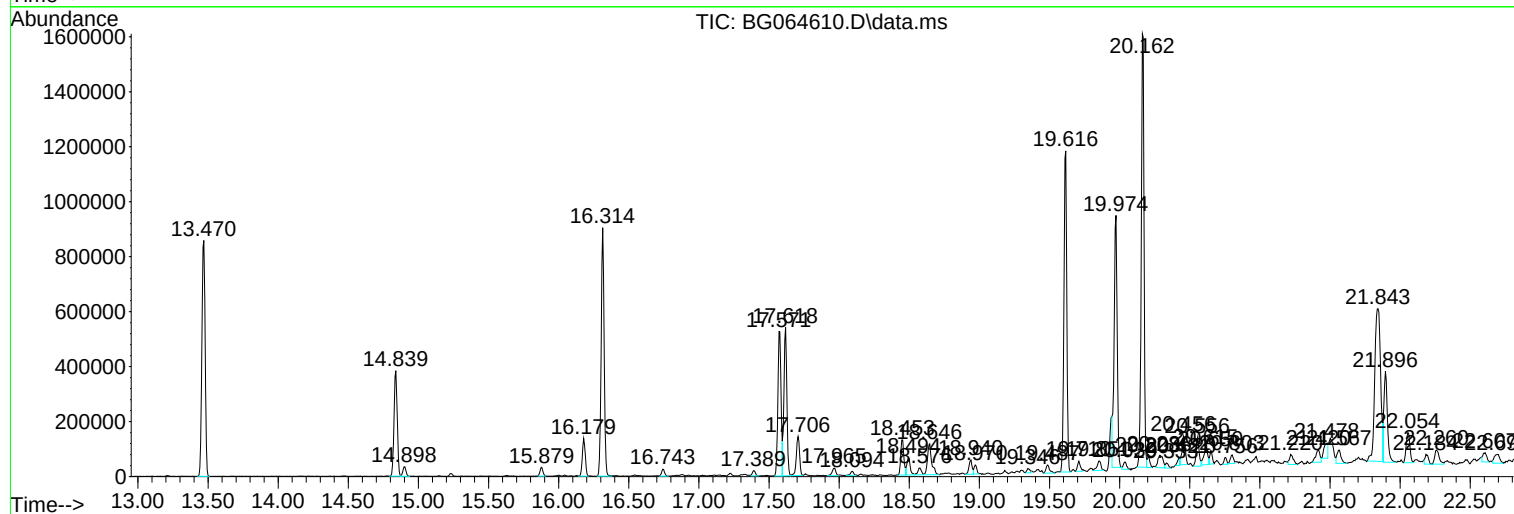
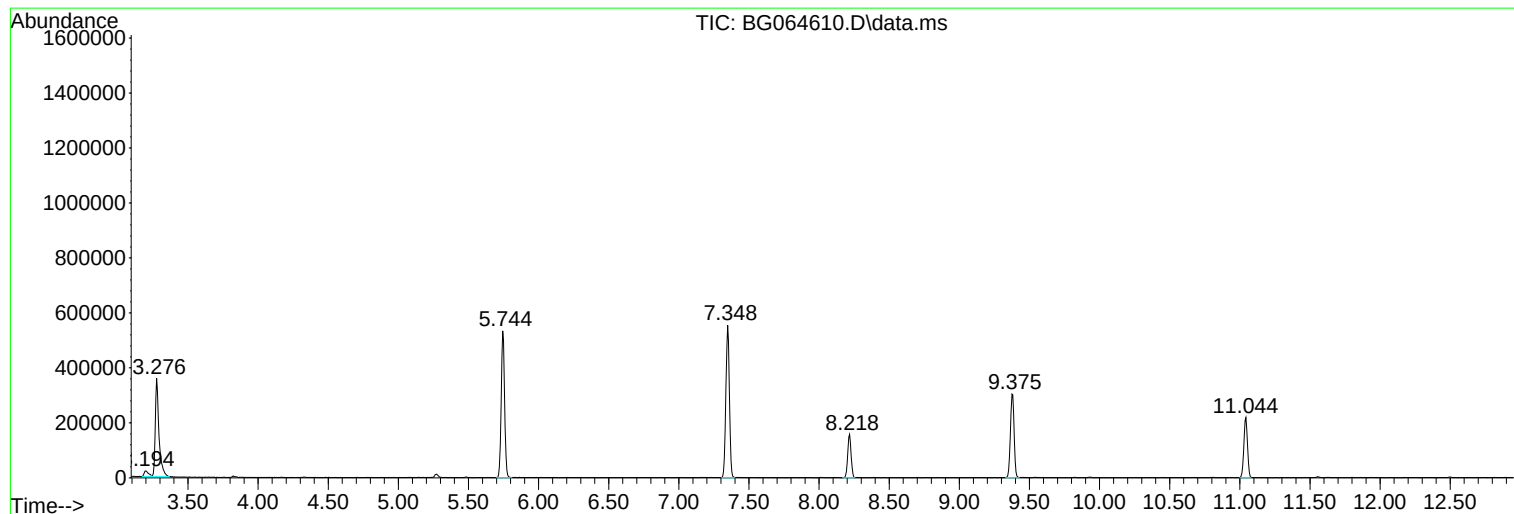
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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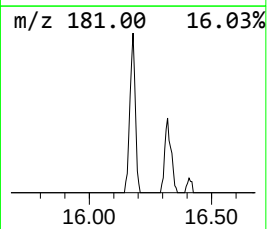
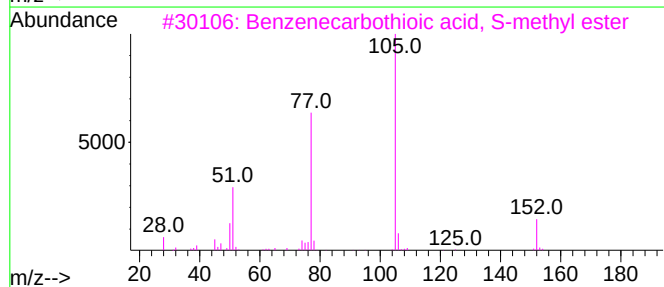
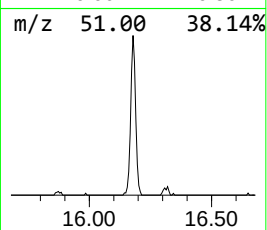
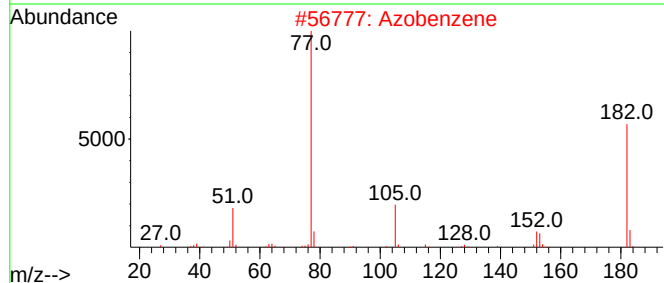
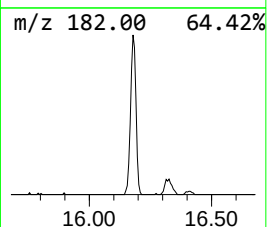
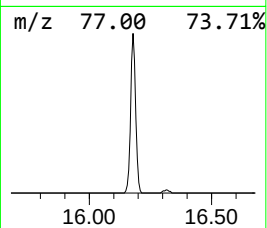
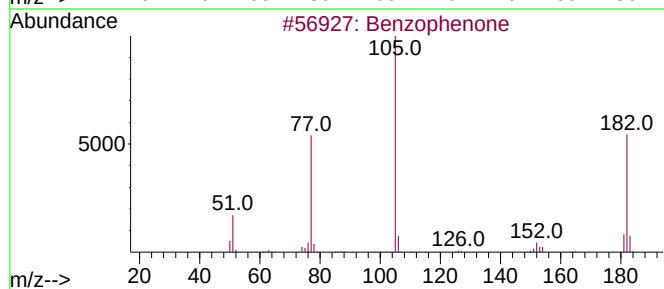
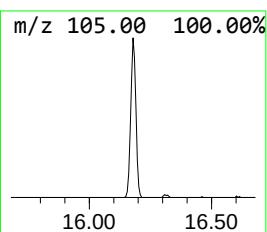
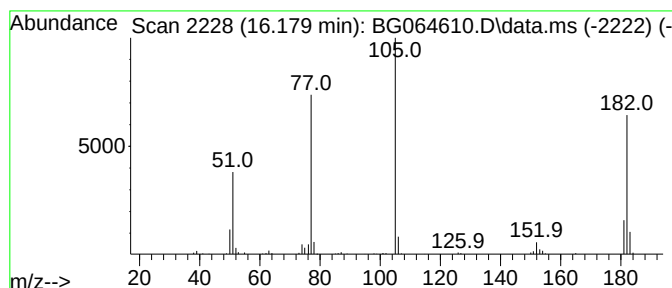
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.179	6.49 ng	197243	Acenaphthene-d10	14.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	72
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	62
5			Vinyl benzoate	148	C9H8O2	000769-78-8	50



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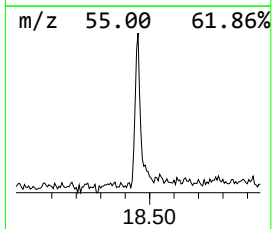
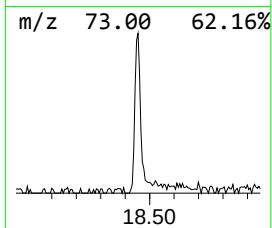
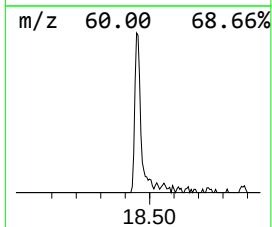
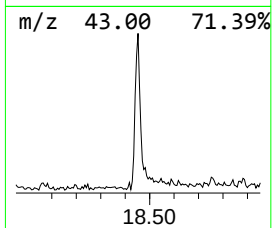
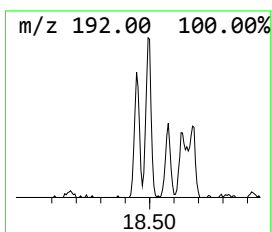
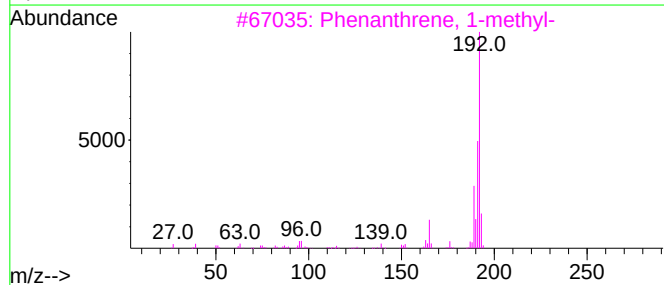
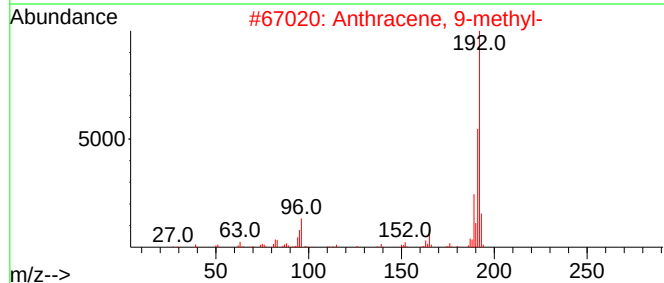
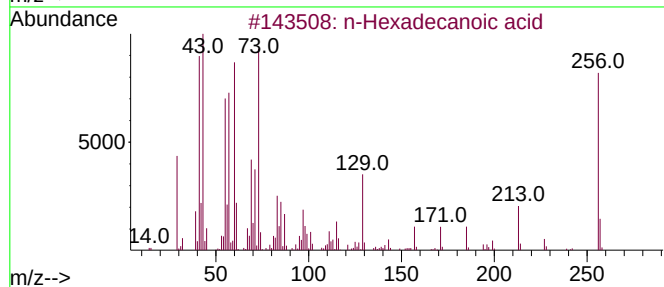
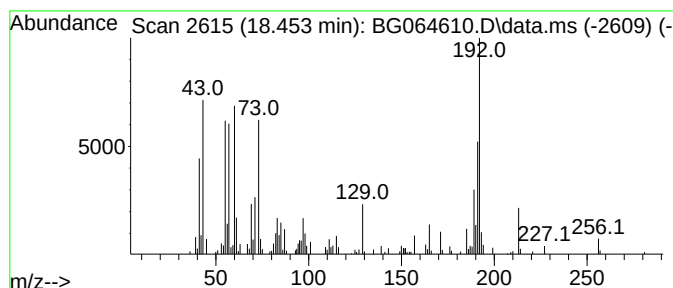
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	4.75 ng	201791	Phenanthrene-d10	17.571

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	70



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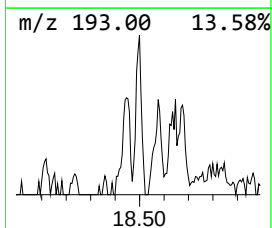
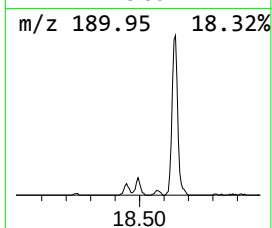
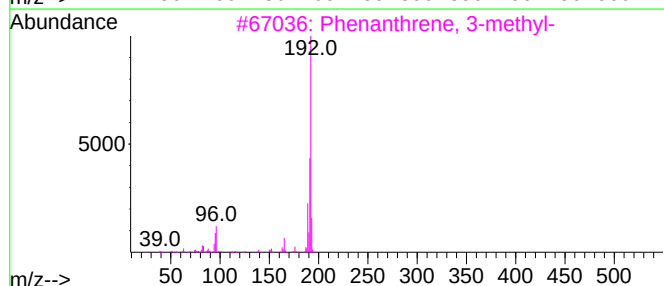
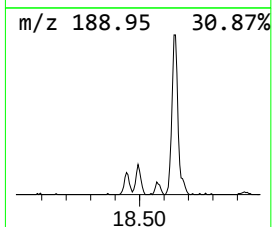
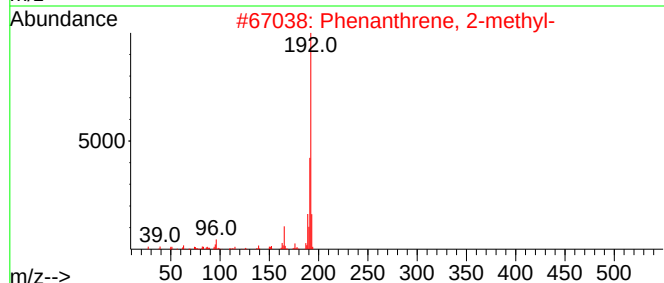
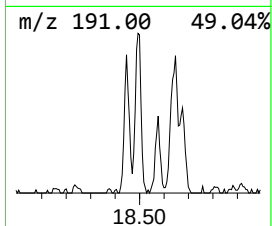
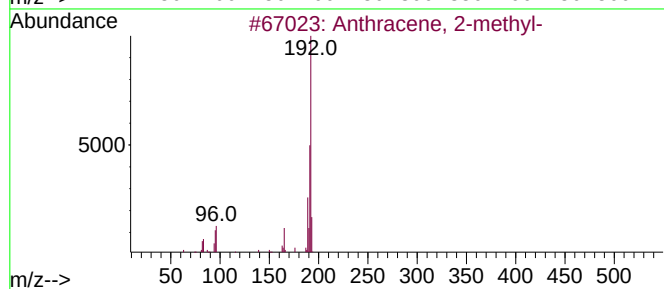
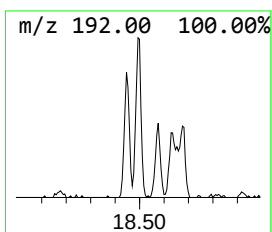
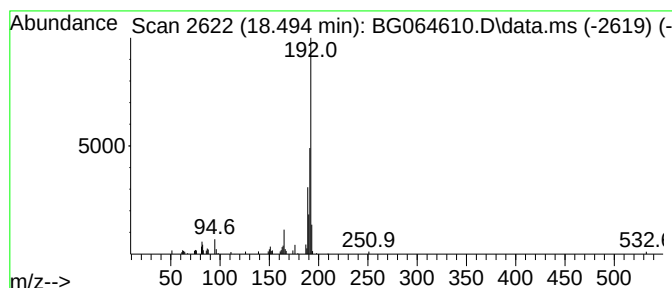
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	2.29 ng	97312	Phenanthrene-d10	17.571

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



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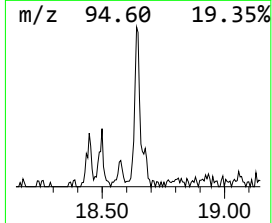
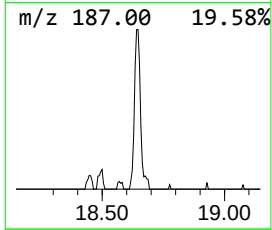
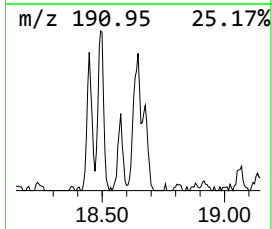
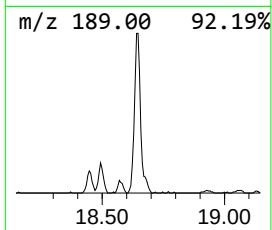
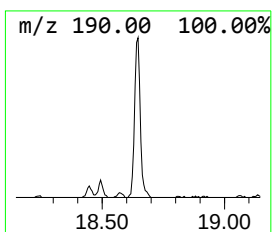
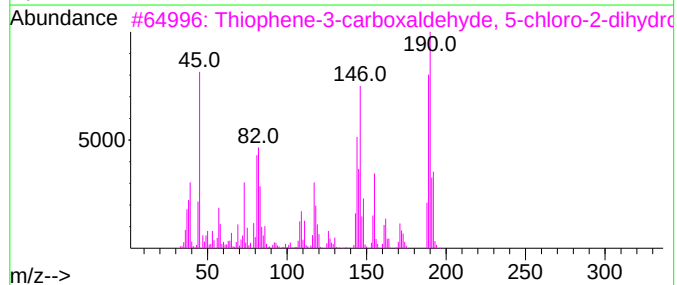
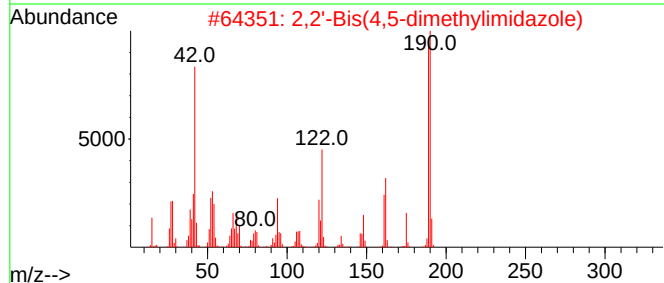
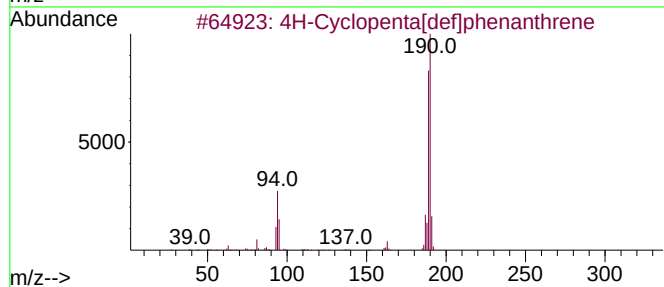
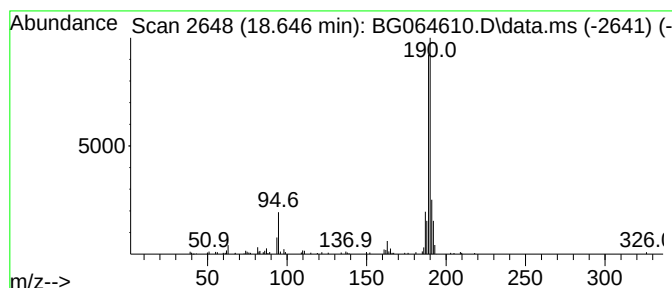
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.647	5.49 ng	233209	Phenanthrene-d10		17.571	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	90
2	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
3	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40
4	Cyclohexanone, 2-(2-furanylmethy...		190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...		190	C10H6O4	004923-55-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064610.D
Acq On : 28 Oct 2025 20:37
Operator : RC/JU
Sample : Q3451-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

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
Benzophenone	16.179	6.5	ng	197243	3	14.839	607447	20.0
n-Hexadecanoic ...	18.453	4.8	ng	201791	4	17.571	849743	20.0
Anthracene, 2-m...	18.494	2.3	ng	97312	4	17.571	849743	20.0
4H-Cyclopenta[d...	18.647	5.5	ng	233209	4	17.571	849743	20.0