

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064438.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : Q3155-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-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: BG064438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.433	391	399	409	rBV	329046	527165	34.19%	4.024%
2	7.013	660	668	675	rBV	367837	604773	39.22%	4.616%
3	7.836	801	808	816	rVB	91166	154341	10.01%	1.178%
4	8.987	995	1004	1013	rBV	220839	394154	25.56%	3.009%
5	10.621	1275	1282	1289	rBV	118429	211656	13.73%	1.616%
6	13.082	1694	1701	1709	rBV	585043	887713	57.57%	6.776%
7	14.463	1929	1936	1942	rBV2	196182	303225	19.66%	2.315%
8	14.522	1942	1946	1952	rVB3	13907	20094	1.30%	0.153%
9	15.503	2108	2113	2120	rBV	12605	18478	1.20%	0.141%
10	15.820	2160	2167	2172	rVB	90282	128976	8.36%	0.984%
11	15.950	2182	2189	2198	rBV	570816	852209	55.27%	6.505%
12	16.860	2338	2344	2349	rVB2	11700	18533	1.20%	0.141%
13	17.107	2382	2386	2393	rBV4	23386	34086	2.21%	0.260%
14	17.201	2393	2402	2406	rVV	253614	414099	26.86%	3.161%
15	17.242	2406	2409	2415	rVV	195822	272275	17.66%	2.078%
16	17.336	2415	2425	2429	rVV	40550	68870	4.47%	0.526%
17	17.389	2430	2434	2440	rVB4	8764	16997	1.10%	0.130%
18	17.601	2463	2470	2476	rBV2	22762	46668	3.03%	0.356%
19	17.983	2530	2535	2541	rBV7	23217	41720	2.71%	0.318%
20	18.041	2541	2545	2548	rVV3	27869	41196	2.67%	0.314%
21	18.100	2548	2555	2565	rVB3	179476	350131	22.71%	2.673%
22	18.206	2570	2573	2578	rVV2	20585	31982	2.07%	0.244%
23	18.276	2578	2585	2588	rVV3	39670	76764	4.98%	0.586%
24	18.306	2588	2590	2596	rVB2	19674	27200	1.76%	0.208%
25	18.400	2601	2606	2615	rBV9	27077	55902	3.63%	0.427%
26	18.576	2631	2636	2639	rBV	20164	28727	1.86%	0.219%
27	18.611	2639	2642	2647	rVB2	20346	29899	1.94%	0.228%
28	18.993	2703	2707	2712	rBV3	15594	23774	1.54%	0.181%
29	19.134	2726	2731	2736	rVB	22150	33958	2.20%	0.259%
30	19.252	2743	2751	2761	rBV	321428	519913	33.72%	3.968%
31	19.375	2769	2772	2781	rVB4	43137	65298	4.23%	0.498%
32	19.587	2802	2808	2809	rBV	65406	81503	5.29%	0.622%
33	19.616	2809	2813	2820	rVV	262236	371863	24.12%	2.838%
34	19.686	2822	2825	2830	rVB3	16856	23282	1.51%	0.178%
35	19.822	2839	2848	2853	rBV	1166684	1541981	100.00%	11.770%
36	19.945	2863	2869	2874	rBV6	21966	51331	3.33%	0.392%

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	20.110	2887	2897	2901	rBV3	35432	74143	4.81%	0.566%
38	20.209	2910	2914	2917	rBV2	20354	30157	1.96%	0.230%
39	20.262	2919	2923	2928	rVB4	27850	48044	3.12%	0.367%
40	20.403	2944	2947	2951	rBV3	20661	30935	2.01%	0.236%
41	20.450	2951	2955	2959	rVV3	24118	35625	2.31%	0.272%
42	20.856	3020	3024	3033	rVB	37775	64687	4.20%	0.494%
43	21.032	3047	3054	3058	rBV3	28941	69566	4.51%	0.531%
44	21.073	3058	3061	3063	rVV	32170	44425	2.88%	0.339%
45	21.102	3063	3066	3073	rVV4	91764	186609	12.10%	1.424%
46	21.167	3074	3077	3083	rVB3	44345	74415	4.83%	0.568%
47	21.337	3102	3106	3110	rVV	64687	90712	5.88%	0.692%
48	21.426	3113	3121	3126	rVV2	343683	774053	50.20%	5.908%
49	21.473	3126	3129	3137	rVB	139344	225661	14.63%	1.722%
50	21.625	3151	3155	3161	rVB7	21042	42277	2.74%	0.323%
51	21.808	3183	3186	3193	rVB5	19983	34838	2.26%	0.266%
52	22.201	3247	3253	3260	rVB9	26737	70484	4.57%	0.538%
53	22.366	3278	3281	3287	rBV8	14082	31546	2.05%	0.241%
54	22.642	3321	3328	3339	rBV2	426965	848650	55.04%	6.478%
55	22.818	3351	3358	3360	rBV8	25554	56576	3.67%	0.432%
56	23.018	3388	3392	3400	rVB	58550	104266	6.76%	0.796%
57	23.159	3410	3416	3422	rVB6	55879	117082	7.59%	0.894%
58	23.482	3463	3471	3477	rBV2	98761	299189	19.40%	2.284%
59	23.641	3492	3498	3505	rVB3	74031	159647	10.35%	1.219%
60	24.146	3578	3584	3596	rVB2	60555	166762	10.81%	1.273%
61	24.281	3600	3607	3617	rVB	83550	204755	13.28%	1.563%
62	24.422	3623	3631	3640	rBV	170991	486653	31.56%	3.715%
63	24.922	3711	3716	3727	rVB	32889	90865	5.89%	0.694%
64	25.486	3810	3812	3820	rVB6	29938	49447	3.21%	0.377%
65	27.795	4194	4205	4216	rBV4	34753	138908	9.01%	1.060%
66	28.835	4378	4382	4383	rBV4	17658	19276	1.25%	0.147%
67	29.287	4452	4459	4460	rBV6	21826	44506	2.89%	0.340%
68	31.197	4779	4784	4787	rBV7	7904	15552	1.01%	0.119%

Sum of corrected areas: 13101047

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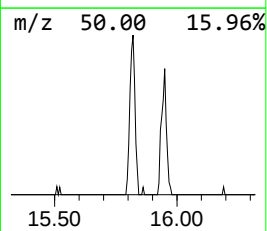
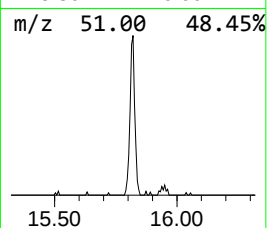
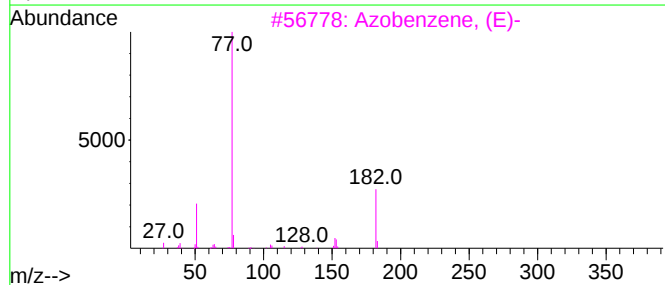
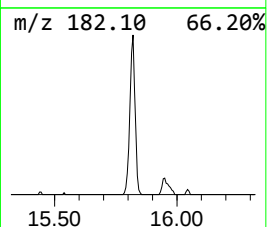
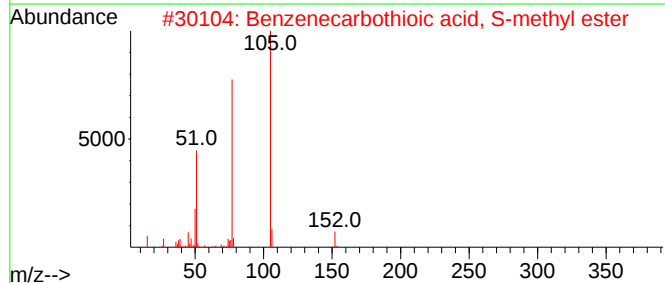
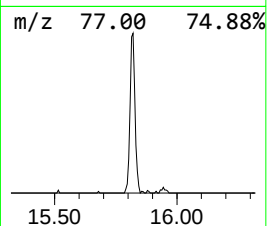
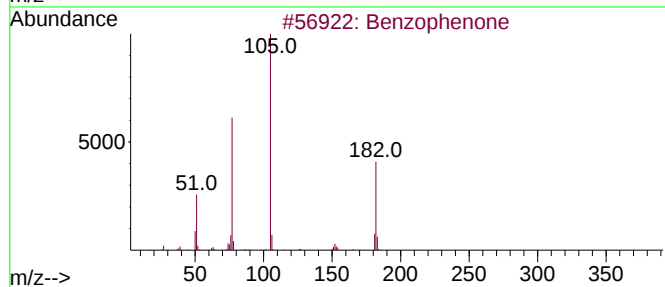
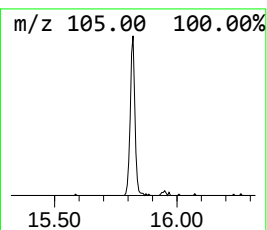
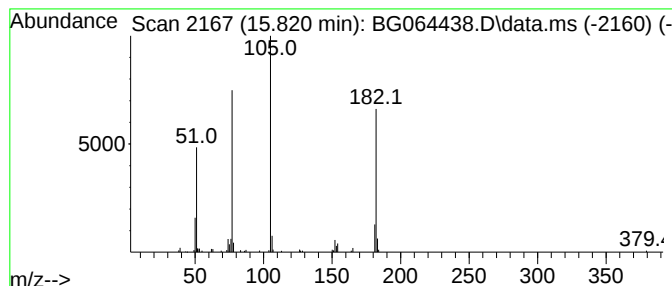
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.820	8.51 ng	128976	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	91
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4			Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	50
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50



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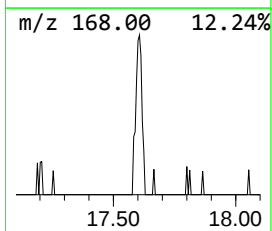
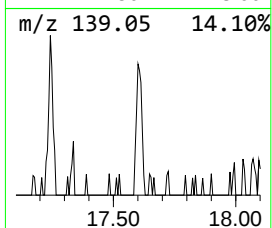
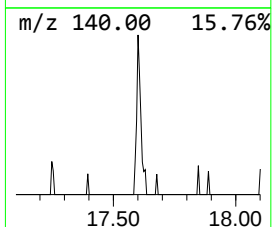
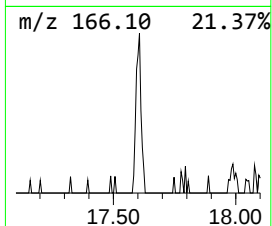
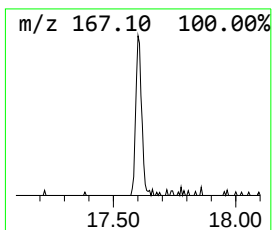
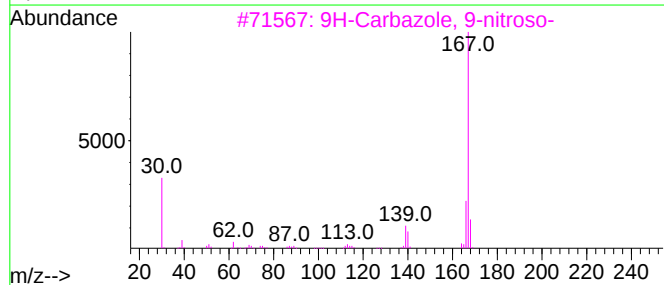
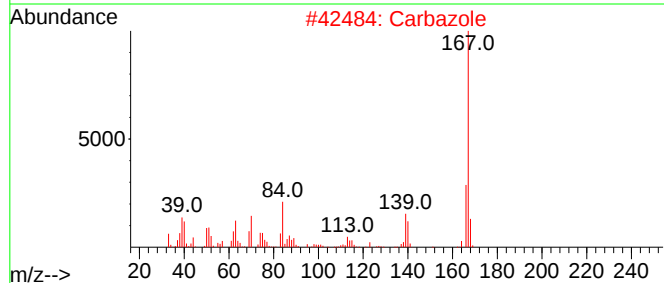
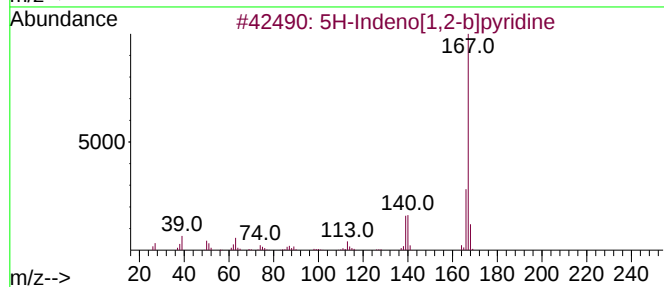
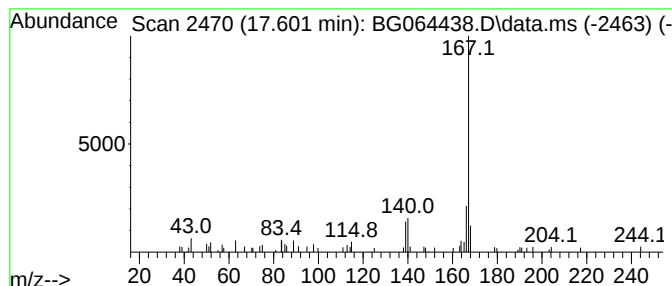
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.601	2.25 ng	46668	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2			Carbazole	167	C12H9N	000086-74-8	90
3			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
4			9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	78
5			1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	74



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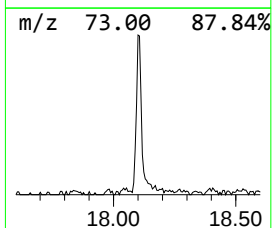
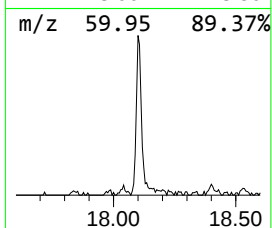
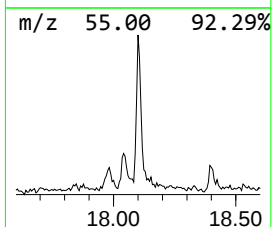
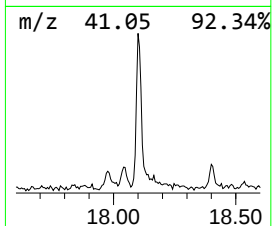
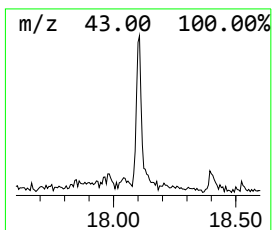
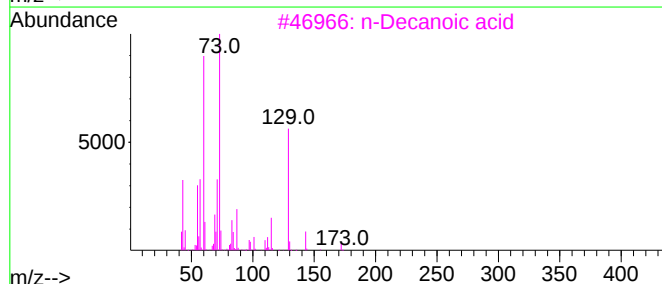
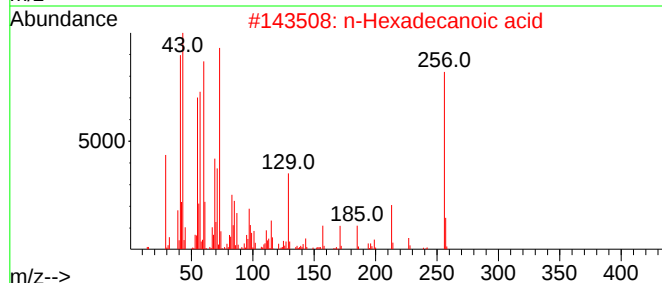
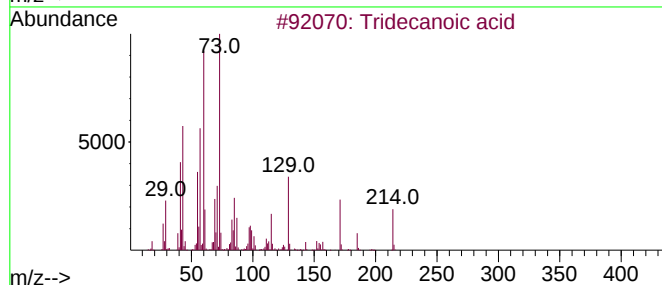
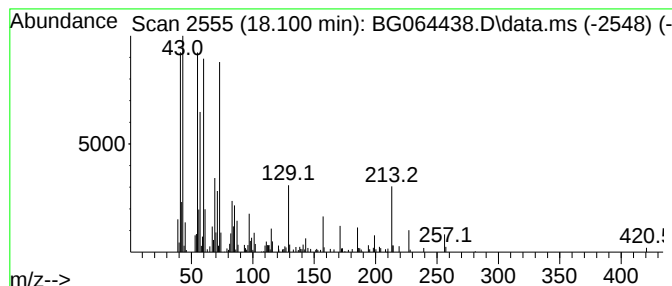
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.100	16.91 ng	350131	Phenanthrene-d10	17.201	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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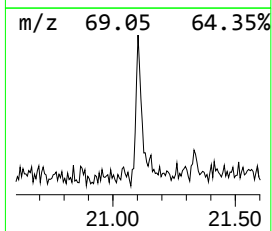
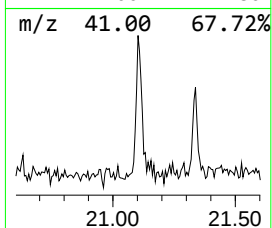
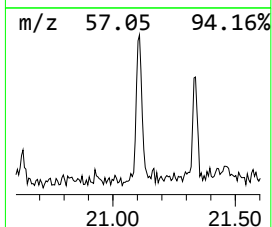
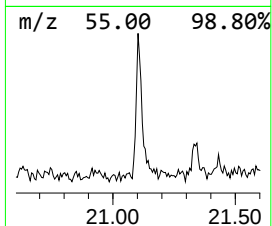
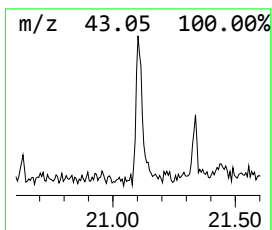
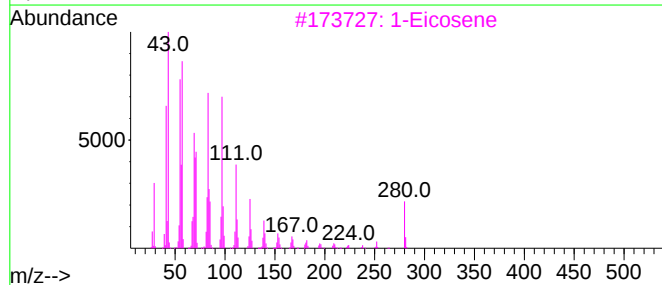
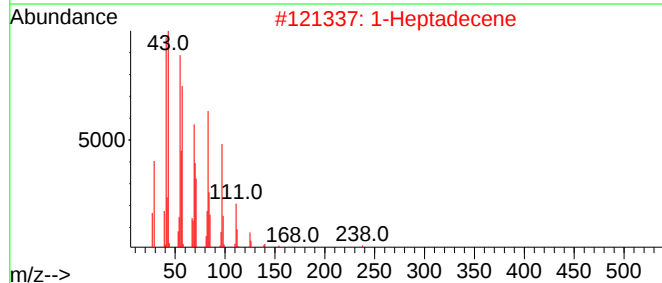
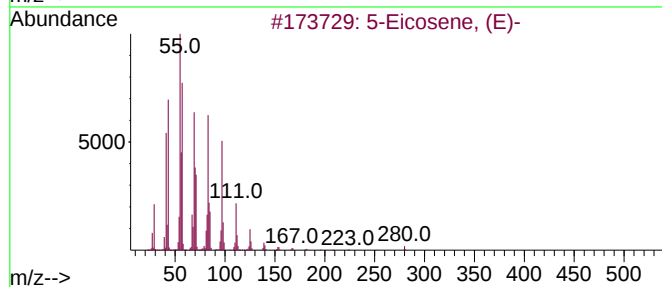
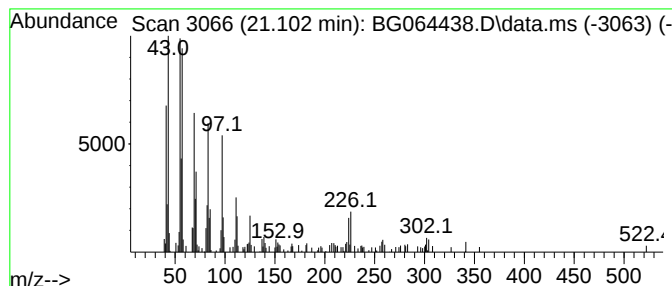
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.102	4.82 ng	186609	Chrysene-d12	21.432

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2		1-Heptadecene	238	C17H34	006765-39-5	91
3		1-Eicosene	280	C20H40	003452-07-1	91
4		Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	89
5		1-Docosene	308	C22H44	001599-67-3	89



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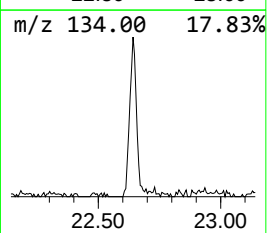
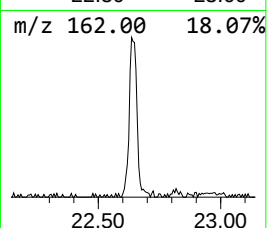
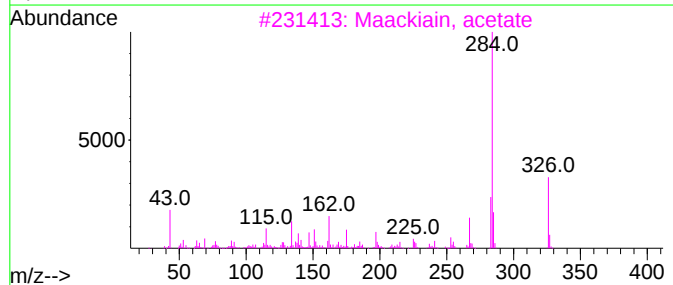
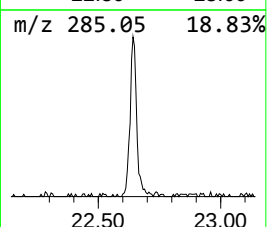
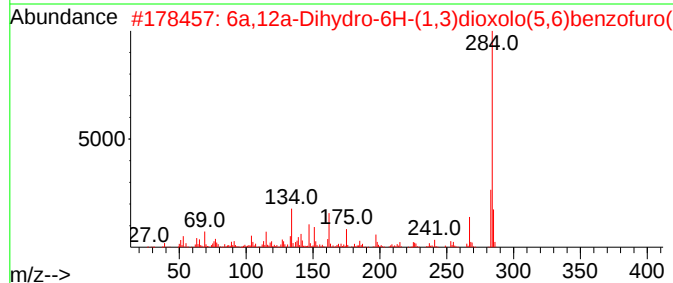
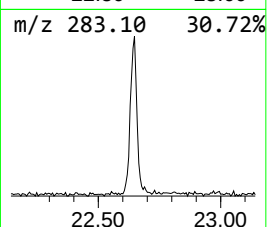
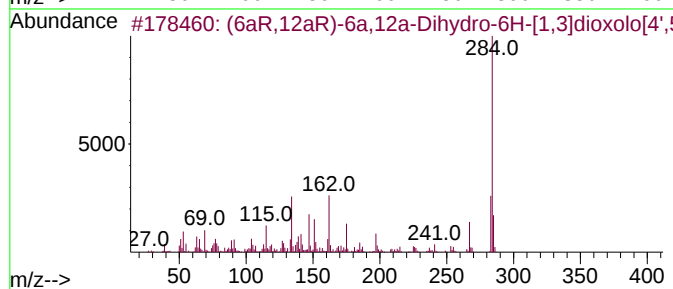
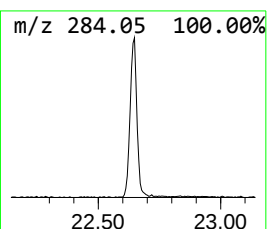
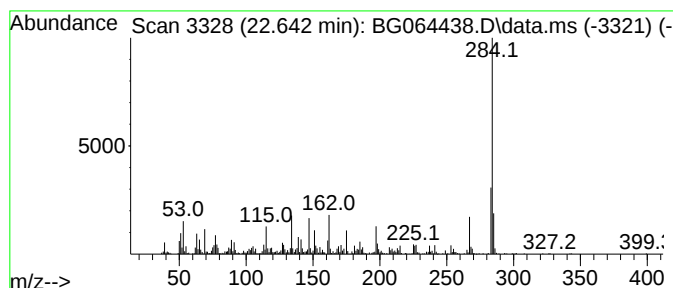
Instrument :
BNA_G
ClientSampleId :
COMP-2

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

Peak Number 8 (6aR,12aR)-6a,12a-Dihydro-6... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.642	21.93 ng	848650	Chrysene-d12		21.432	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(6aR,12aR)-6a,12a-Dihydro-6H-[1,...		284	C16H12O5	002035-15-6	98
2	6a,12a-Dihydro-6H-(1,3)dioxolo(5...		284	C16H12O5	076496-57-6	95
3	Maackiain, acetate		326	C18H14O6	002035-16-7	91
4	trans-4-Methoxy-4'-(methylthio)c...		284	C17H16O2S	126443-13-8	53
5	Homopterocarpin		284	C17H16O4	000606-91-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064438.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : Q3155-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

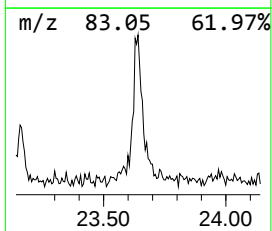
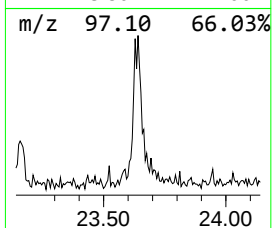
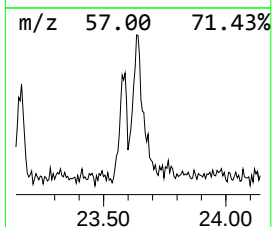
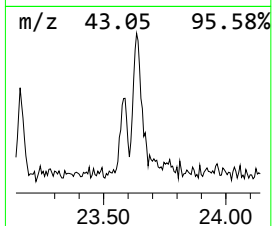
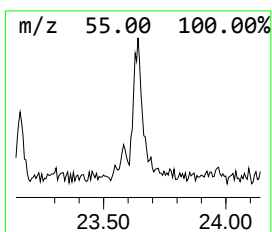
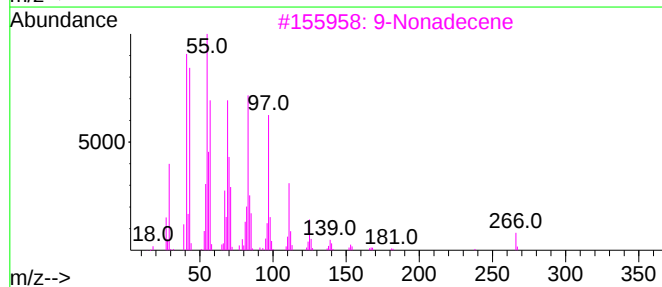
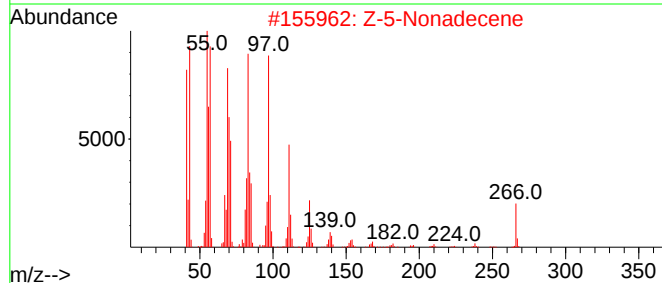
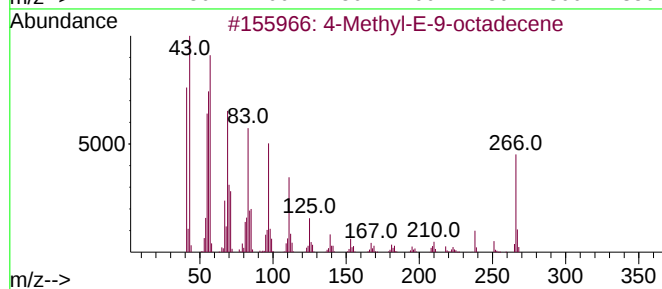
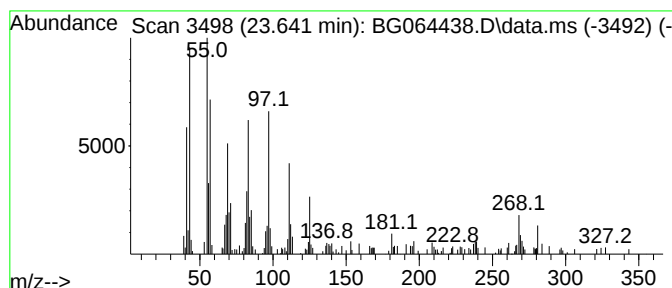
Instrument :
BNA_G
ClientSampleId :
COMP-2

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

Peak Number 11 4-Methyl-E-9-octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.641	6.56 ng	159647	Perylene-d12	24.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	89
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
3	9-Nonadecene	266	C19H38	031035-07-1	78
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	Octacosanol	410	C28H58O	000557-61-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064438.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : Q3155-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

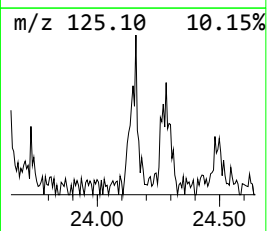
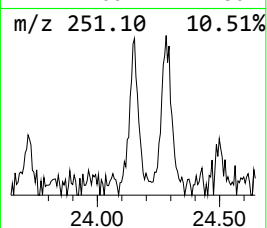
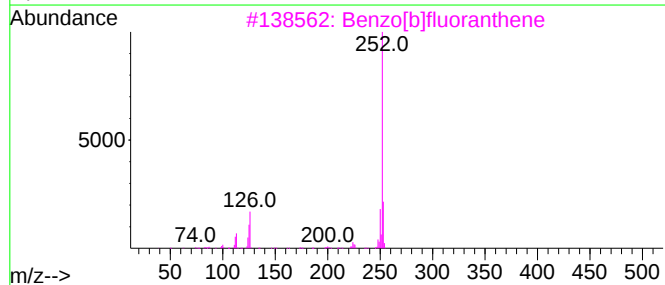
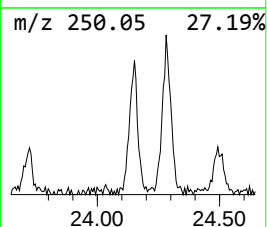
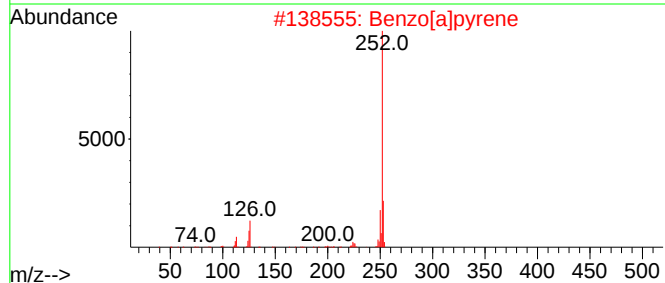
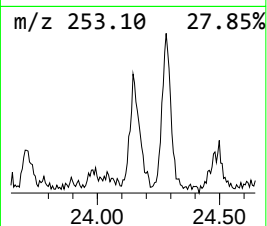
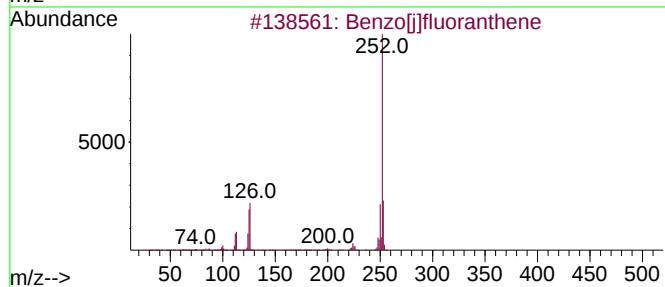
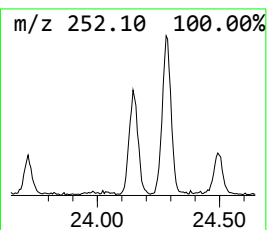
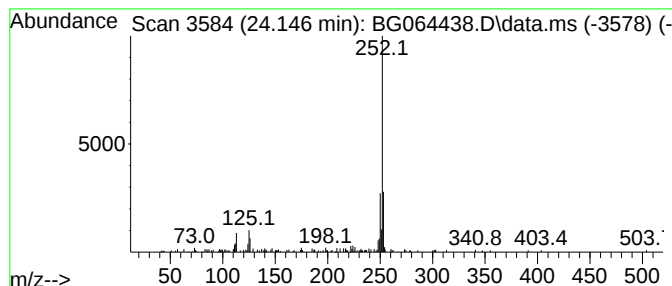
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.146	6.85 ng	166762	Perylene-d12	24.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[j]fluoranthene	252	C20H12	000205-82-3	92
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[e]pyrene	252	C20H12	000192-97-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064438.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : Q3155-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-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\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.820	8.5	ng	128976	3	14.463	303225	20.0
5H-Indeno[1,2-b...	17.601	2.3	ng	46668	4	17.201	414099	20.0
Tridecanoic acid	18.100	16.9	ng	350131	4	17.201	414099	20.0
5-Eicosene, (E)-	21.102	4.8	ng	186609	5	21.432	774053	20.0
(6aR,12aR)-6a,1...	22.642	21.9	ng	848650	5	21.432	774053	20.0
4-Methyl-E-9-oc...	23.641	6.6	ng	159647	6	24.422	486653	20.0
Benzo[j]fluoran...	24.146	6.8	ng	166762	6	24.422	486653	20.0