

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
 Data File : BG056598.D
 Acq On : 9 Feb 2023 15:28
 Operator : CG/JU
 Sample : 01507-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-330

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	335	341	348	rBV	61104	89776	5.34%	0.787%
2	5.787	418	425	440	rVB	230656	387486	23.03%	3.398%
3	7.414	695	702	711	rBV	237327	430979	25.62%	3.779%
4	8.261	839	846	854	rBB	92479	150040	8.92%	1.316%
5	9.442	1039	1047	1056	rBV	147167	267804	15.92%	2.348%
6	11.093	1321	1328	1336	rBV	128054	228186	13.56%	2.001%
7	13.507	1731	1739	1748	rBV	680312	1015349	60.36%	8.904%
8	14.882	1962	1973	1979	rBV	275992	422339	25.11%	3.704%
9	14.947	1979	1984	1991	rVB2	41028	62750	3.73%	0.550%
10	15.276	2035	2040	2047	rVB	29185	45712	2.72%	0.401%
11	15.922	2143	2150	2156	rBV	46591	73835	4.39%	0.647%
12	16.222	2196	2201	2207	rVB2	53043	80562	4.79%	0.706%
13	16.369	2219	2226	2233	rBV	459395	706901	42.02%	6.199%
14	16.921	2310	2320	2325	rBV5	8664	19707	1.17%	0.173%
15	17.274	2376	2380	2387	rVB	10503	18244	1.08%	0.160%
16	17.444	2403	2409	2413	rBV2	14755	22355	1.33%	0.196%
17	17.620	2433	2439	2443	rBV	362158	562043	33.41%	4.929%
18	17.667	2443	2447	2453	rVB	247293	351826	20.91%	3.085%
19	17.755	2456	2462	2467	rBV	44644	71840	4.27%	0.630%
20	18.031	2503	2509	2518	rBV2	22592	49174	2.92%	0.431%
21	18.490	2583	2587	2591	rBV	31242	47007	2.79%	0.412%
22	18.543	2591	2596	2600	rVB	42636	63017	3.75%	0.553%
23	18.619	2605	2609	2613	rBV	14411	21468	1.28%	0.188%
24	18.690	2615	2621	2625	rBV2	51102	99190	5.90%	0.870%
25	18.977	2665	2670	2674	rBV	25917	37476	2.23%	0.329%
26	19.030	2675	2679	2685	rVB	18459	27224	1.62%	0.239%
27	19.218	2705	2711	2717	rBV9	11446	23912	1.42%	0.210%
28	19.389	2734	2740	2745	rBV4	15978	29295	1.74%	0.257%
29	19.541	2760	2766	2772	rBV6	14447	31878	1.89%	0.280%
30	19.659	2779	2786	2790	rBV	403725	569006	33.82%	4.990%
31	19.694	2790	2792	2798	rVB2	38813	47302	2.81%	0.415%
32	19.906	2823	2828	2834	rVB2	10433	20007	1.19%	0.175%
33	19.982	2837	2841	2843	rBV2	59921	83748	4.98%	0.734%
34	20.017	2843	2847	2855	rVV	303438	447777	26.62%	3.927%
35	20.082	2855	2858	2864	rVB3	19745	27357	1.63%	0.240%
36	20.199	2872	2878	2883	rBV	1332358	1682225	100.00%	14.752%

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Min Area: 3 % of largest Peak

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37	20.329	2896	2900	2902	rBV2	23606	35252	2.10%	0.309%
38	20.470	2919	2924	2925	rBV4	28290	36628	2.18%	0.321%
39	20.499	2927	2929	2937	rVB	51674	74227	4.41%	0.651%
40	20.599	2942	2946	2951	rVV2	34753	52741	3.14%	0.462%
41	20.664	2954	2957	2960	rVB	22831	27498	1.63%	0.241%
42	20.805	2977	2981	2984	rBV2	17670	25160	1.50%	0.221%
43	20.846	2986	2988	2994	rVB3	16819	26996	1.60%	0.237%
44	21.281	3058	3062	3069	rVB	20687	31876	1.89%	0.280%
45	21.480	3091	3096	3099	rBV3	23720	42476	2.52%	0.372%
46	21.568	3108	3111	3118	rBV2	23430	45132	2.68%	0.396%
47	21.633	3118	3122	3129	rVB3	21246	38907	2.31%	0.341%
48	21.909	3160	3169	3174	rBV3	388175	869431	51.68%	7.624%
49	21.962	3174	3178	3183	rVB	115034	185968	11.05%	1.631%
50	22.121	3202	3205	3209	rBV3	18702	29720	1.77%	0.261%
51	22.679	3297	3300	3306	rVB2	28371	54407	3.23%	0.477%
52	22.785	3315	3318	3323	rVB5	21025	31818	1.89%	0.279%
53	24.254	3558	3568	3574	rBV2	120600	394350	23.44%	3.458%
54	25.006	3691	3696	3707	rVB	48288	133670	7.95%	1.172%
55	25.164	3716	3723	3734	rBV	64548	177781	10.57%	1.559%
56	25.335	3741	3752	3760	rBV2	197521	585095	34.78%	5.131%
57	26.445	3927	3941	3950	rVB4	42365	189755	11.28%	1.664%

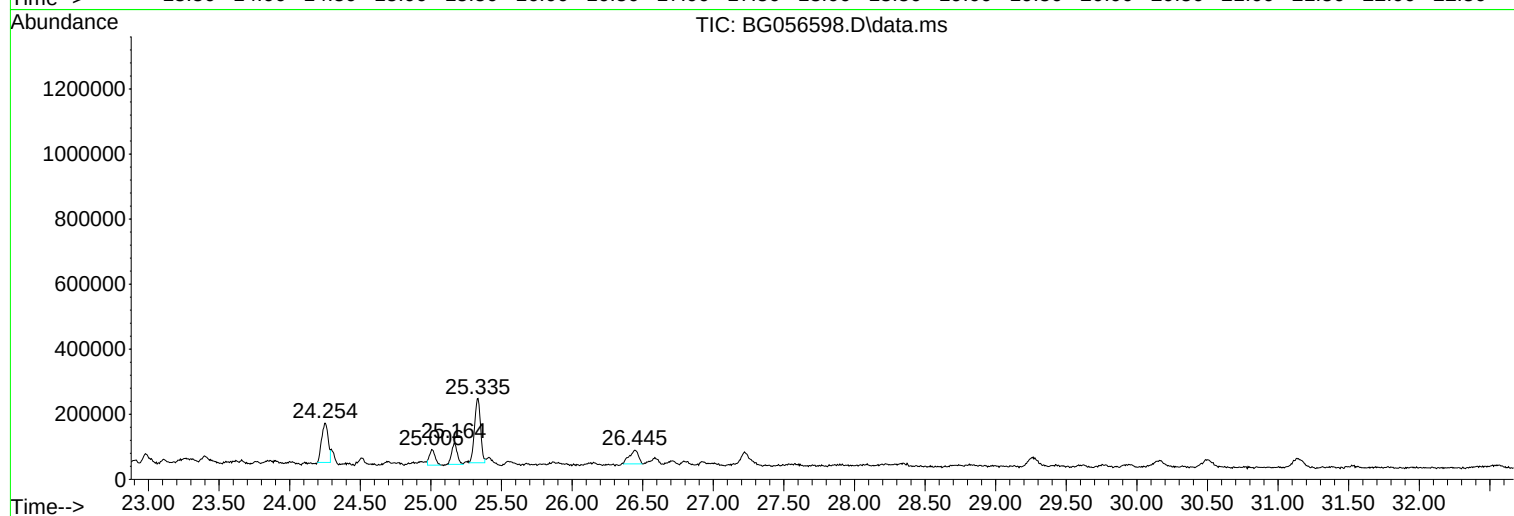
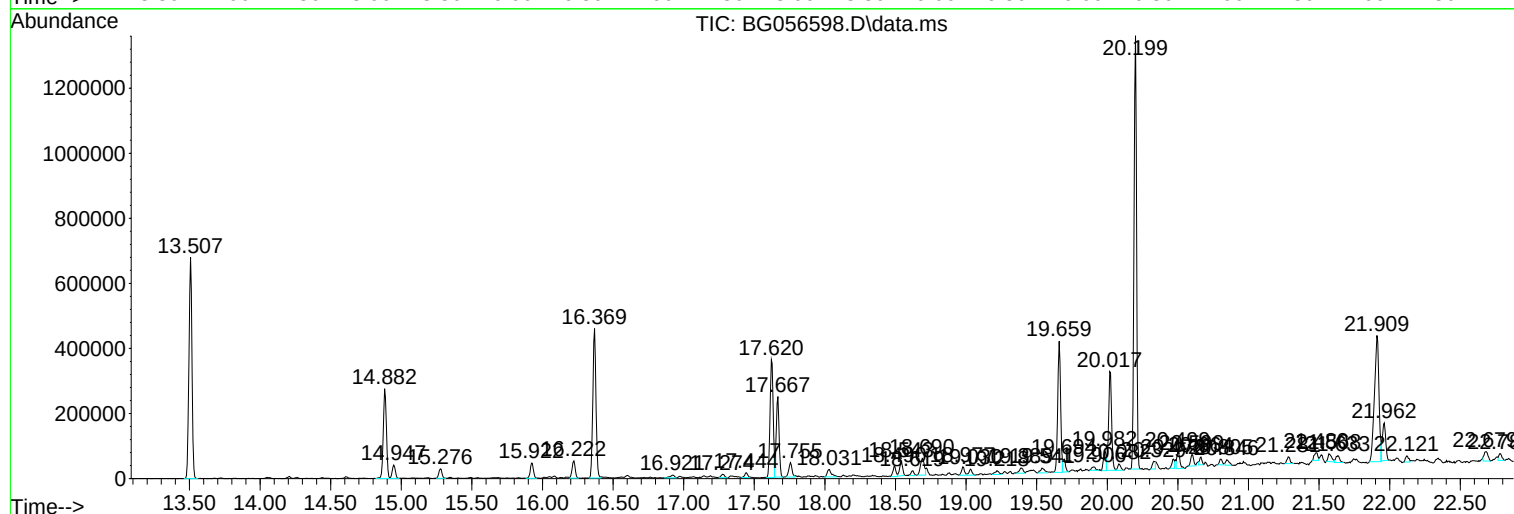
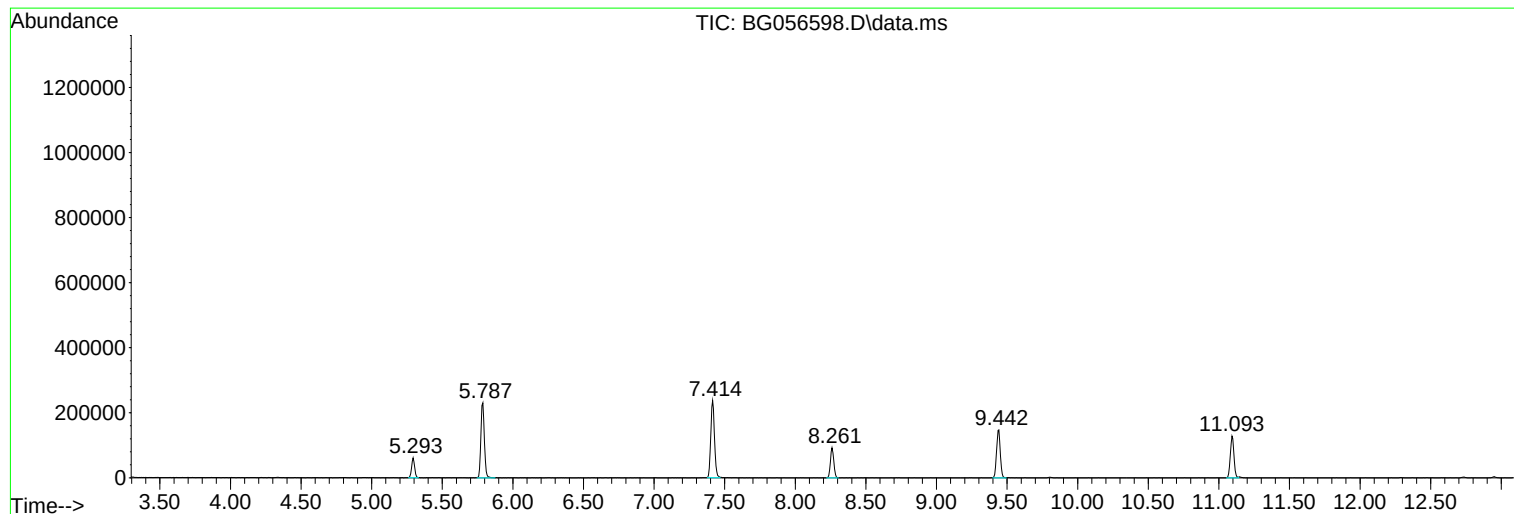
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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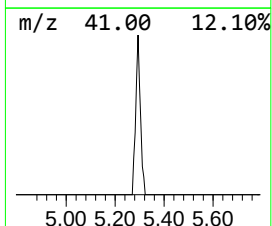
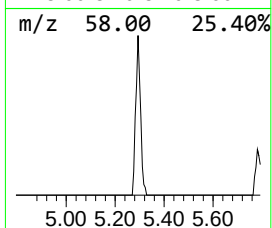
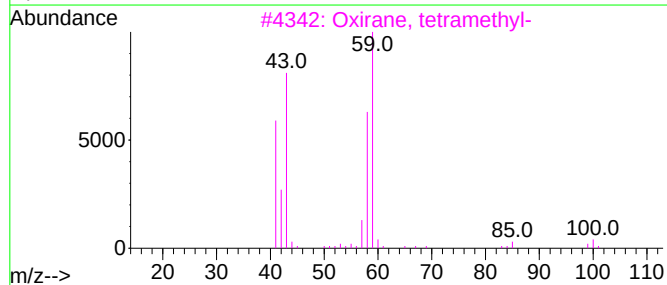
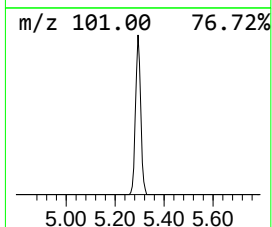
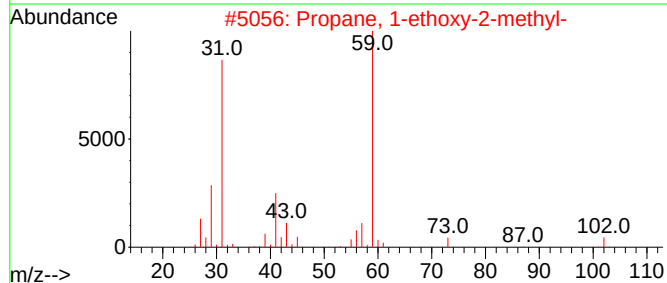
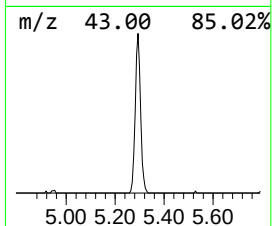
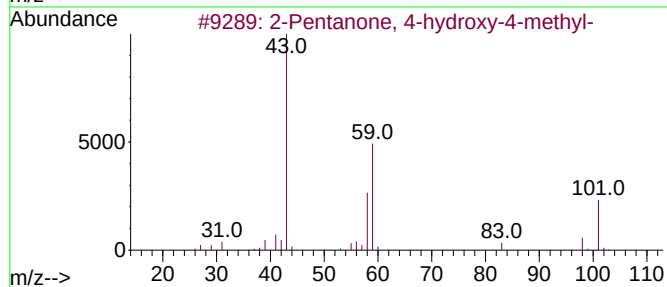
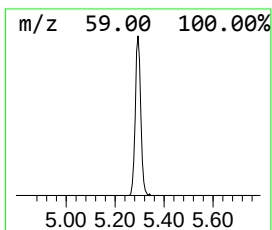
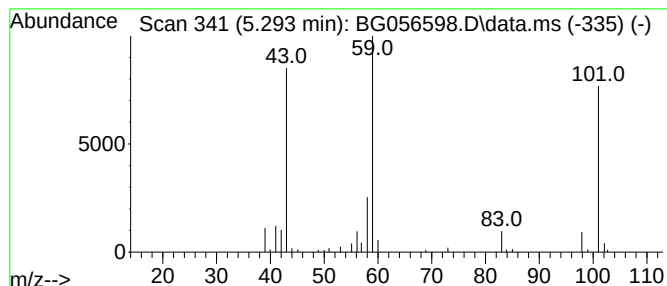
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.293	11.97 ng	89776	1,4-Dichlorobenzene-d4	8.261

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16
3			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	12
4			Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	12
5			Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	12



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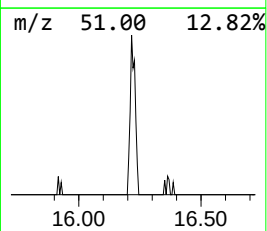
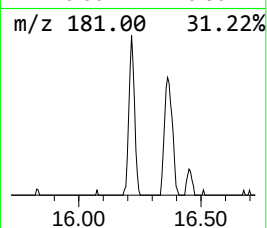
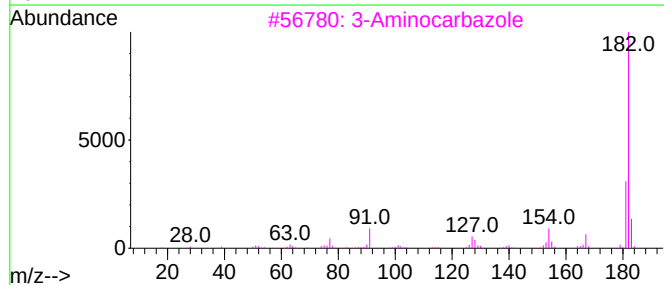
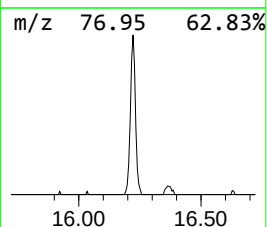
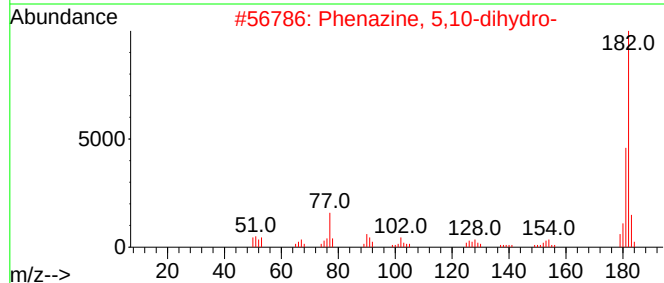
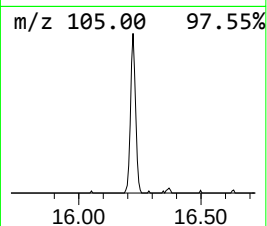
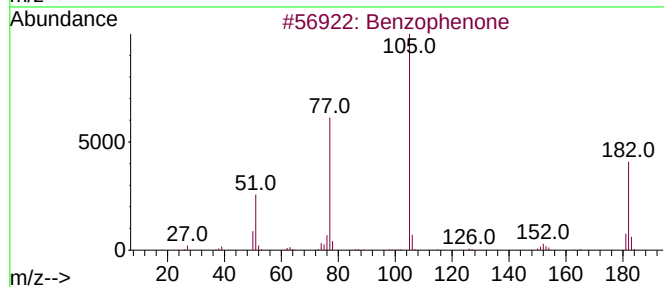
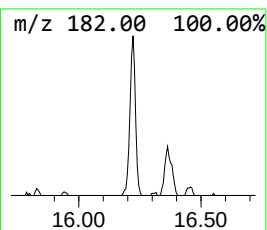
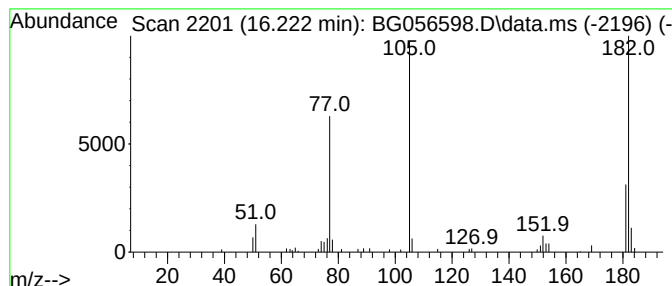
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	3.82 ng	80562	Acenaphthene-d10	14.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	90
2			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	58
3			3-Aminocarbazole	182	C12H10N2	006377-12-4	49
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43



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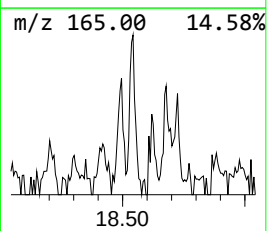
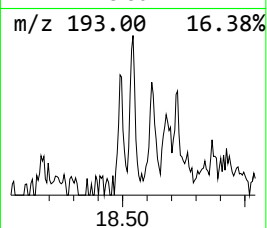
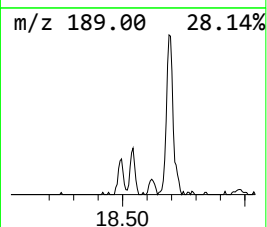
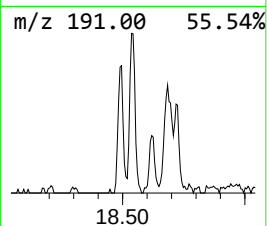
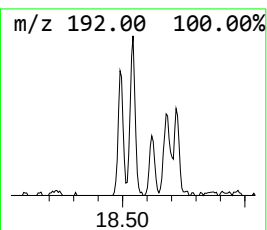
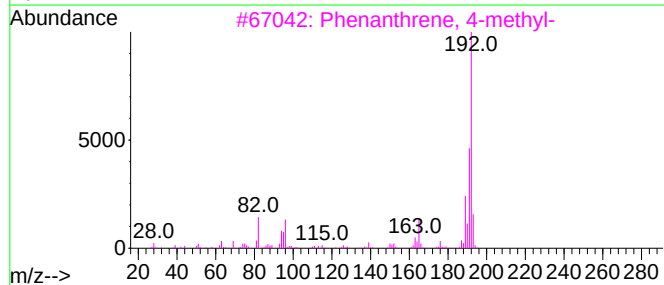
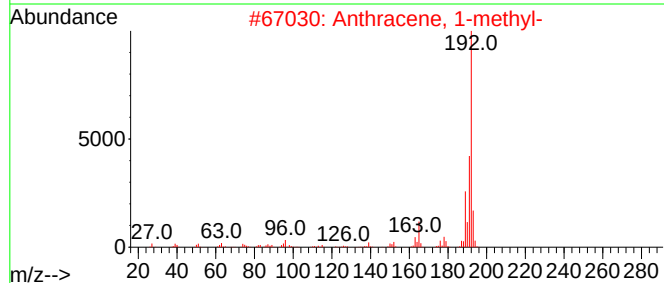
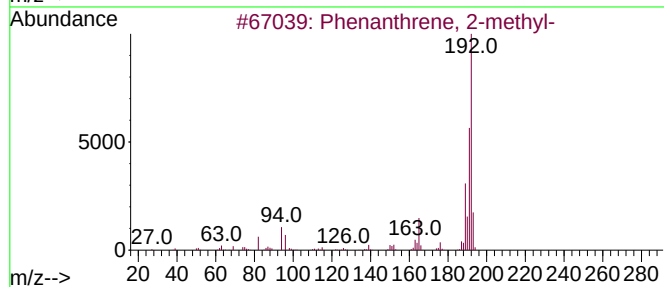
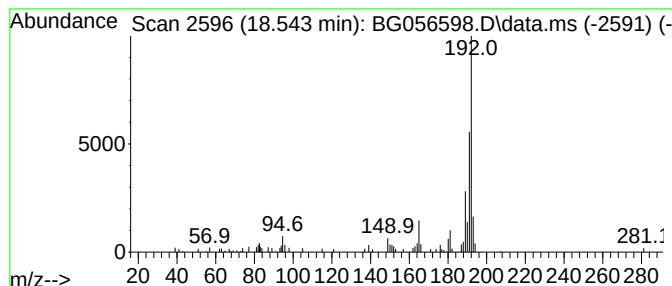
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.543	2.24 ng	63017	Phenanthrene-d10	17.620

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



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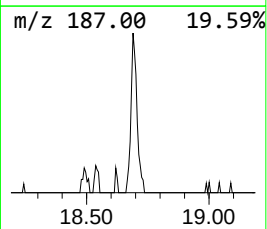
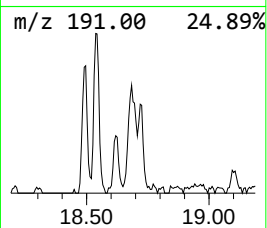
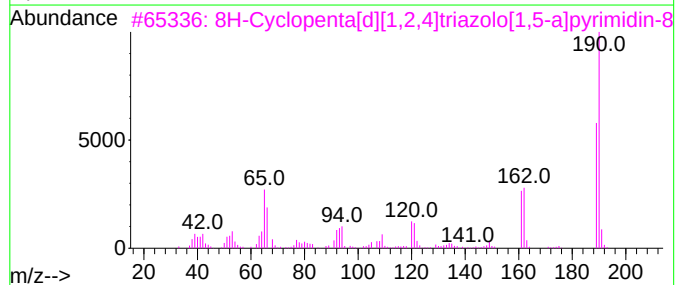
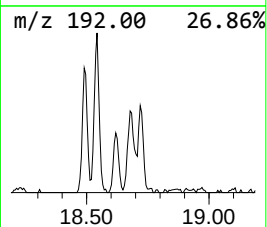
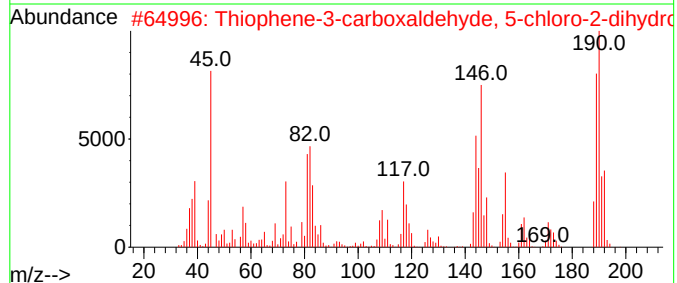
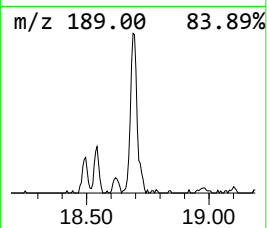
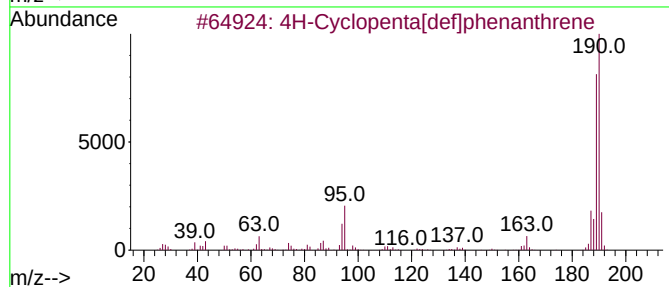
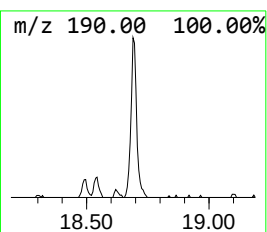
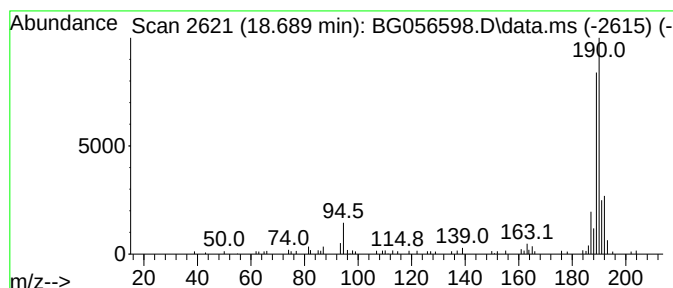
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.689	3.53 ng	99190	Phenanthrene-d10	17.620	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
3	8H-Cyclopenta[d][1,2,4]triazolo[...]	190	C9H10N4O	1000337-56-4	36
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



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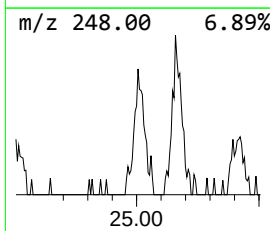
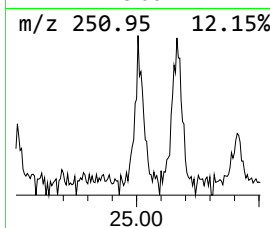
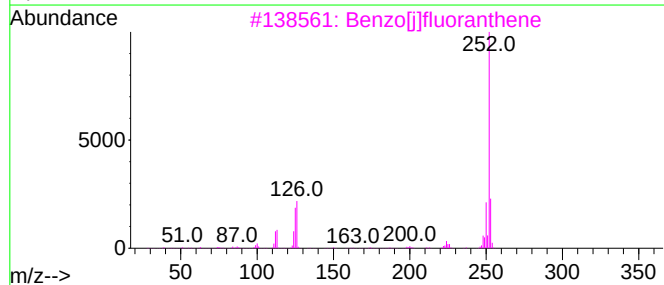
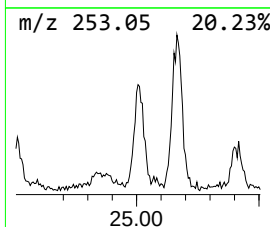
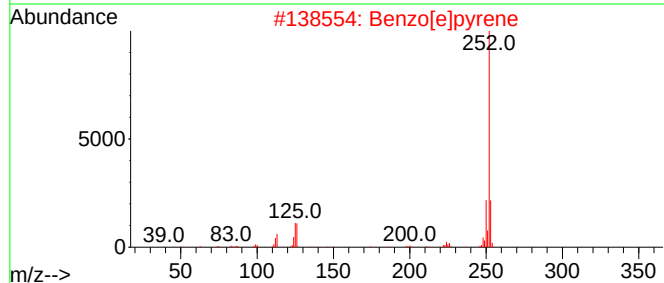
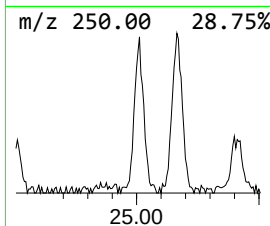
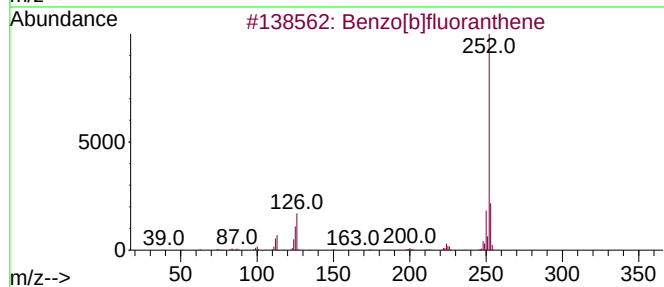
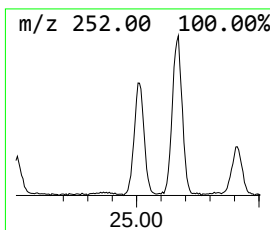
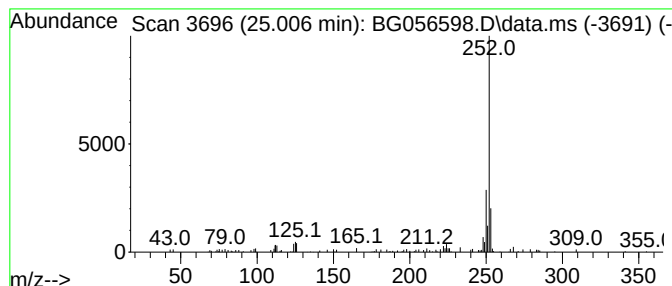
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.006	4.57 ng	133670	Perylene-d12	25.335

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2			Benzo[e]pyrene	252	C20H12	000192-97-2	90
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
4			Perylene	252	C20H12	000198-55-0	76
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
Data File : BG056598.D
Acq On : 9 Feb 2023 15:28
Operator : CG/JU
Sample : 01507-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-330

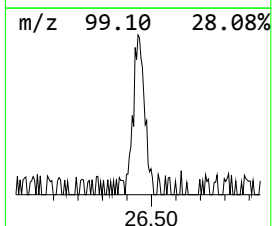
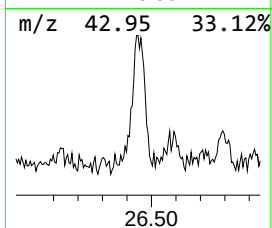
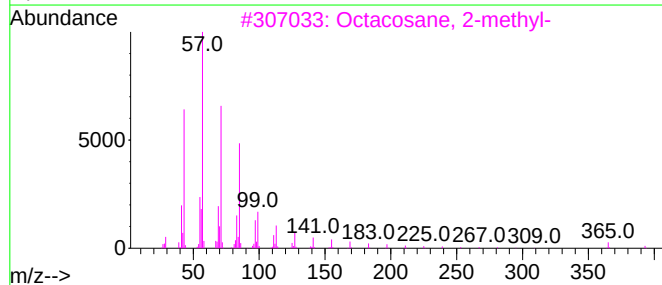
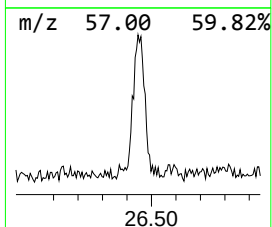
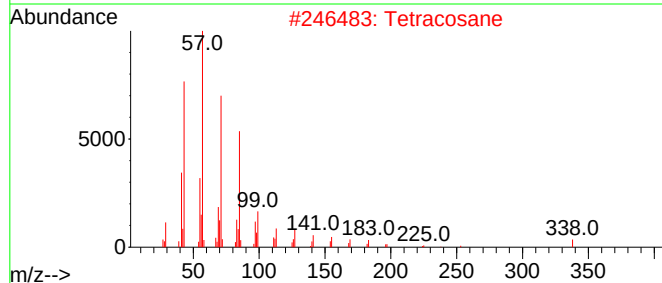
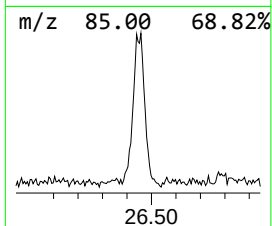
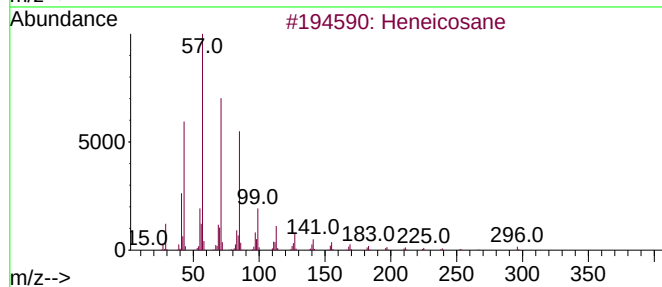
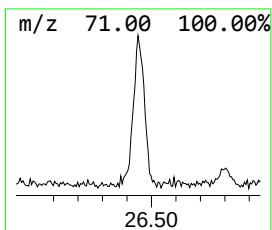
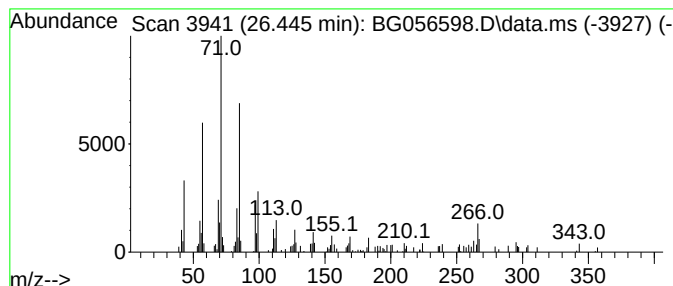
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.445	6.49 ng	189755	Perylene-d12	25.335

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Tetracosane	338	C24H50	000646-31-1	74
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	74
4			Hentriacontane	437	C31H64	000630-04-6	74
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
Data File : BG056598.D
Acq On : 9 Feb 2023 15:28
Operator : CG/JU
Sample : 01507-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-330

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
2-Pentanone, 4-...	5.293	12.0	ng	89776	1	8.261	150040	20.0
Benzophenone	16.222	3.8	ng	80562	3	14.882	422339	20.0
Phenanthrene, 2...	18.543	2.2	ng	63017	4	17.620	562043	20.0
4H-Cyclopenta[d...	18.689	3.5	ng	99190	4	17.620	562043	20.0
Benzo[e]pyrene	25.006	4.6	ng	133670	6	25.335	585095	20.0
Heneicosane	26.445	6.5	ng	189755	6	25.335	585095	20.0