

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064155.D
 Acq On : 2 Apr 2025 16:24
 Operator : RC/JU
 Sample : Q1674-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

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-BG030525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.985	317	323	331	rBV	96800	155208	6.36%	0.657%
2	5.449	395	402	413	rBV	705592	1133517	46.42%	4.796%
3	7.030	662	671	679	rBV	748803	1273363	52.14%	5.388%
4	7.858	805	812	819	rBV	169548	286610	11.74%	1.213%
5	9.010	1000	1008	1016	rBV	468357	811479	33.23%	3.434%
6	10.649	1279	1287	1293	rBV	221088	402131	16.47%	1.702%
7	13.105	1698	1705	1713	rBV	1117107	1700523	69.63%	7.196%
8	14.480	1929	1939	1945	rBV	370406	561946	23.01%	2.378%
9	15.526	2111	2117	2122	rBV4	15232	25502	1.04%	0.108%
10	15.837	2164	2170	2178	rVB	132089	193698	7.93%	0.820%
11	15.966	2184	2192	2203	rBV	935244	1437296	58.86%	6.082%
12	16.877	2341	2347	2352	rVB	17077	30902	1.27%	0.131%
13	17.042	2371	2375	2383	rVB2	18232	32636	1.34%	0.138%
14	17.218	2397	2405	2409	rBV	425608	665462	27.25%	2.816%
15	17.265	2409	2413	2418	rVB	261726	391268	16.02%	1.656%
16	17.353	2424	2428	2432	rVB2	25585	37249	1.53%	0.158%
17	17.611	2468	2472	2478	rBV3	45766	64189	2.63%	0.272%
18	17.799	2498	2504	2509	rVB5	18642	31301	1.28%	0.132%
19	18.093	2549	2554	2556	rBV	61190	91259	3.74%	0.386%
20	18.123	2556	2559	2569	rVV2	236734	456774	18.70%	1.933%
21	18.217	2572	2575	2581	rVV6	14759	31440	1.29%	0.133%
22	18.287	2581	2587	2591	rVV3	91155	168815	6.91%	0.714%
23	18.322	2591	2593	2599	rVB2	47874	64660	2.65%	0.274%
24	18.493	2618	2622	2628	rVB8	24752	38375	1.57%	0.162%
25	18.557	2628	2633	2636	rVV	44043	53723	2.20%	0.227%
26	18.593	2636	2639	2642	rVV2	41613	62098	2.54%	0.263%
27	18.628	2642	2645	2652	rVB2	77896	113058	4.63%	0.478%
28	18.839	2679	2681	2685	rVB4	23645	24487	1.00%	0.104%
29	18.892	2686	2690	2693	rVV2	23701	34057	1.39%	0.144%
30	18.928	2693	2696	2701	rVB4	22399	25353	1.04%	0.107%
31	19.010	2706	2710	2715	rVB2	56690	84429	3.46%	0.357%
32	19.063	2715	2719	2724	rBV6	26609	56663	2.32%	0.240%
33	19.145	2730	2733	2741	rBV4	55451	89973	3.68%	0.381%
34	19.274	2749	2755	2760	rBV	734388	1040697	42.62%	4.404%
35	19.398	2773	2776	2784	rVB5	64416	95966	3.93%	0.406%
36	19.468	2784	2788	2791	rVV4	23793	32724	1.34%	0.138%

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37	19.515	2792	2796	2799	rVV2	31508	43411	1.78%	0.184%
38	19.550	2799	2802	2805	rVV3	32666	36610	1.50%	0.155%
39	19.633	2805	2816	2825	rVV	663249	1152822	47.21%	4.878%
40	19.703	2825	2828	2836	rVB3	40845	80120	3.28%	0.339%
41	19.844	2842	2852	2861	rBV	1770910	2442086	100.00%	10.333%
42	19.962	2866	2872	2878	rBV5	66221	167429	6.86%	0.708%
43	20.091	2890	2894	2897	rBV4	49713	81402	3.33%	0.344%
44	20.126	2897	2900	2904	rVB	112140	152988	6.26%	0.647%
45	20.232	2913	2918	2922	rBV2	55998	75861	3.11%	0.321%
46	20.285	2922	2927	2932	rVB2	77880	128514	5.26%	0.544%
47	20.426	2947	2951	2954	rBV	50985	64089	2.62%	0.271%
48	20.473	2955	2959	2962	rVB	48654	65396	2.68%	0.277%
49	20.596	2976	2980	2983	rVB6	31487	38778	1.59%	0.164%
50	20.872	3023	3027	3040	rVB	95053	198023	8.11%	0.838%
51	21.054	3049	3058	3061	rBV3	86416	199416	8.17%	0.844%
52	21.096	3061	3065	3068	rVV2	70092	116773	4.78%	0.494%
53	21.131	3068	3071	3077	rVV3	209662	343323	14.06%	1.453%
54	21.190	3077	3081	3090	rVB3	87131	165239	6.77%	0.699%
55	21.366	3108	3111	3116	rVB2	34244	38813	1.59%	0.164%
56	21.448	3117	3125	3130	rVV2	567891	1366248	55.95%	5.781%
57	21.495	3130	3133	3146	rVB	339928	531714	21.77%	2.250%
58	21.642	3155	3158	3160	rBV4	26930	37432	1.53%	0.158%
59	21.830	3187	3190	3196	rVB2	38728	64720	2.65%	0.274%
60	22.141	3240	3243	3248	rVB	61760	100060	4.10%	0.423%
61	22.212	3251	3255	3258	rBV3	59956	106855	4.38%	0.452%
62	22.394	3284	3286	3290	rBV4	27708	37378	1.53%	0.158%
63	22.441	3291	3294	3302	rVB8	38520	77051	3.16%	0.326%
64	22.582	3313	3318	3327	rVB2	293348	480653	19.68%	2.034%
65	23.211	3423	3425	3434	rVB5	70389	98956	4.05%	0.419%
66	23.516	3468	3477	3484	rBV	254380	817586	33.48%	3.460%
67	23.640	3493	3498	3502	rBV3	67999	131872	5.40%	0.558%
68	23.687	3502	3506	3512	rVB5	73130	143698	5.88%	0.608%
69	24.180	3584	3590	3602	rVB	147962	410118	16.79%	1.735%
70	24.321	3606	3614	3624	rVB	181631	471620	19.31%	1.996%
71	24.462	3630	3638	3646	rBV2	276426	743463	30.44%	3.146%
72	25.003	3725	3730	3739	rVB8	72453	185240	7.59%	0.784%
73	25.573	3821	3827	3836	rVB3	60884	152565	6.25%	0.646%
74	27.847	4204	4214	4218	rBV3	92039	285872	11.71%	1.210%

Sum of corrected areas: 23633025

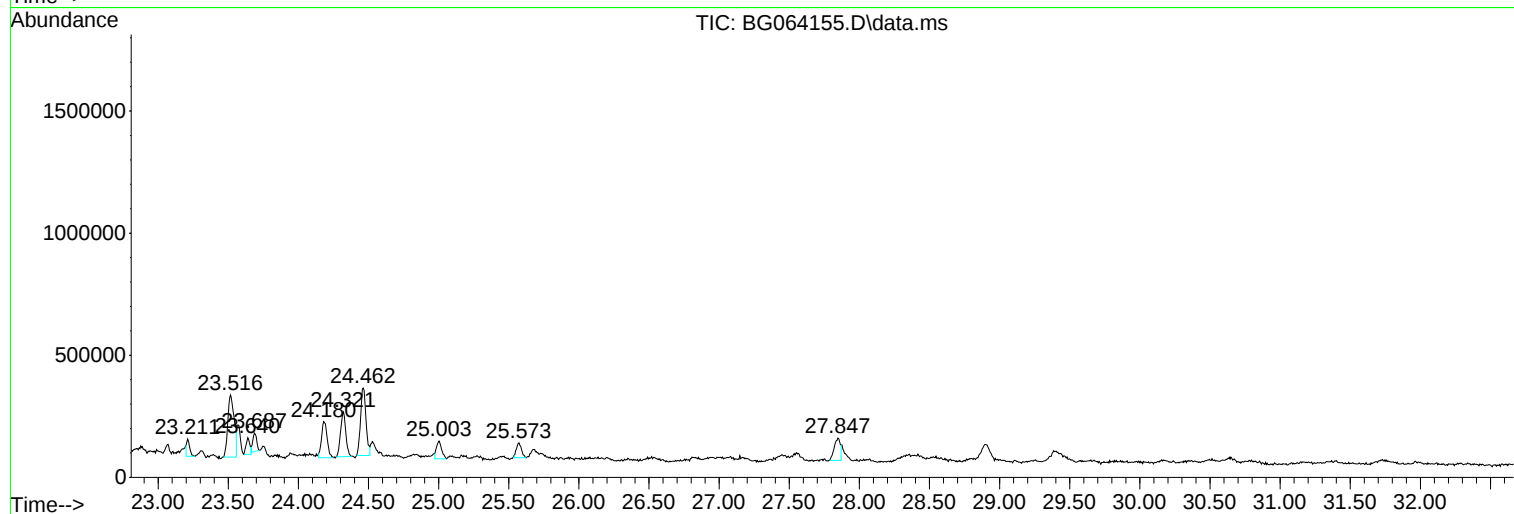
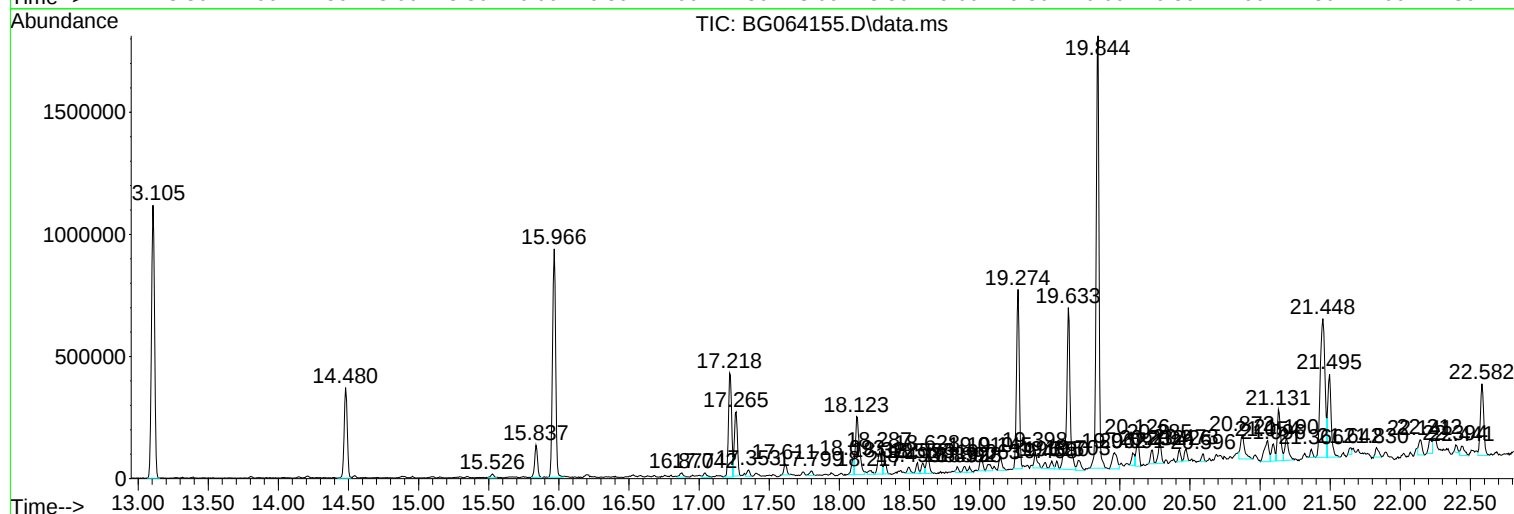
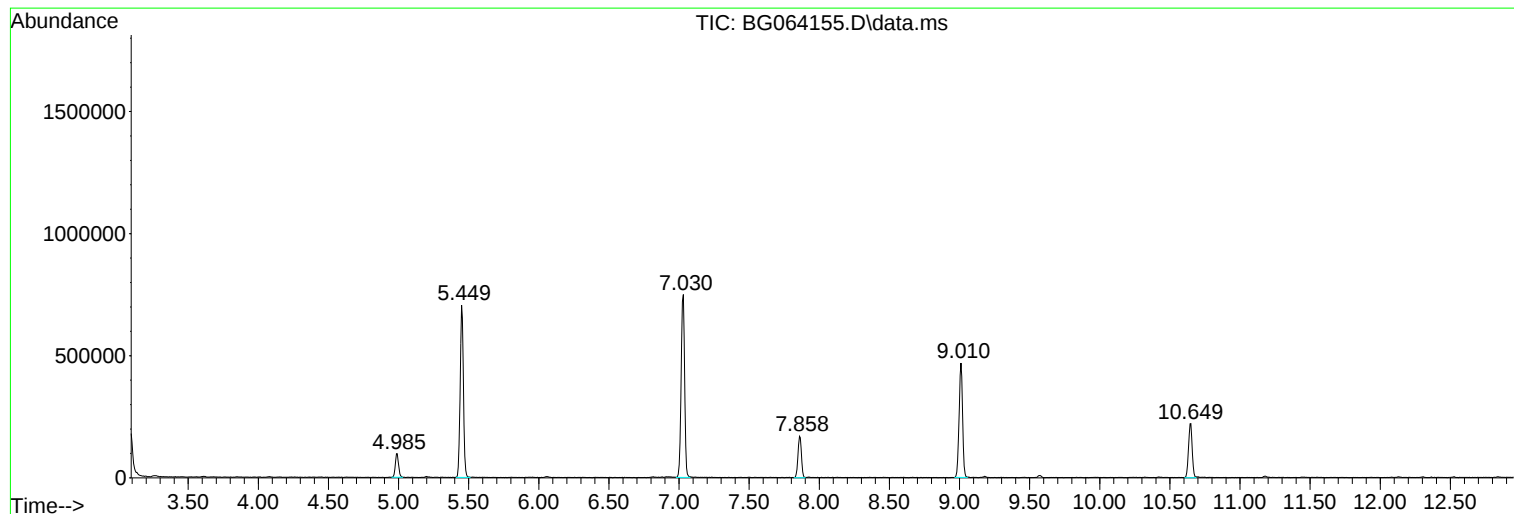
Instrument :
BNA_G
ClientSampleId :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

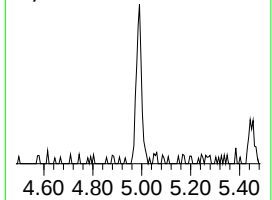
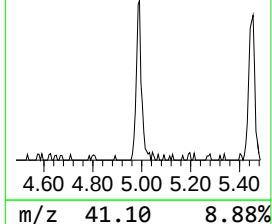
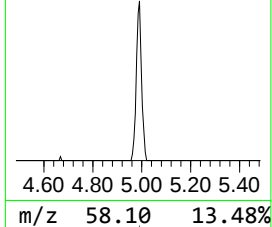
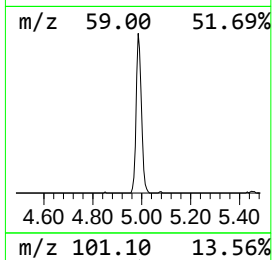
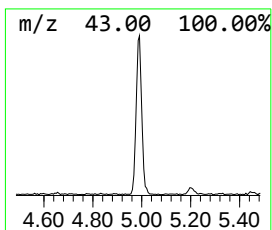
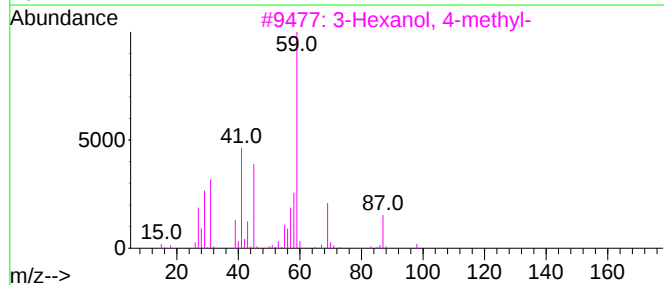
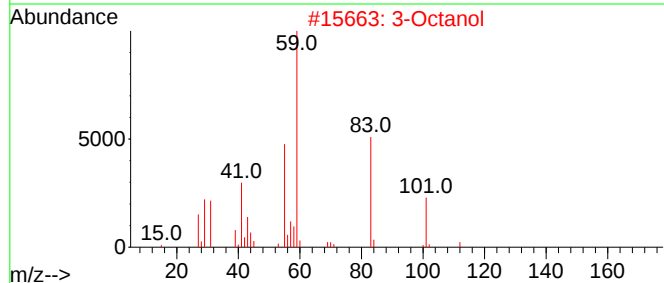
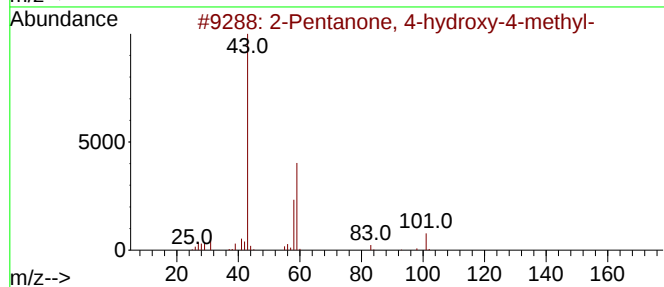
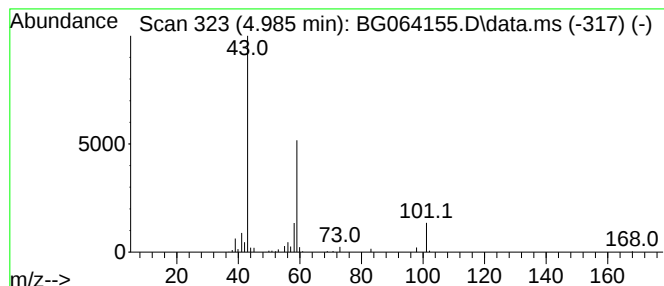
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.985	10.83 ng	155208	1,4-Dichlorobenzene-d4	7.858

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	3-Octanol	130	C8H18O	000589-98-0	33		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		



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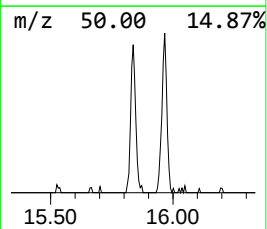
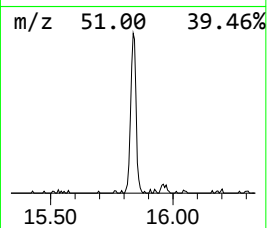
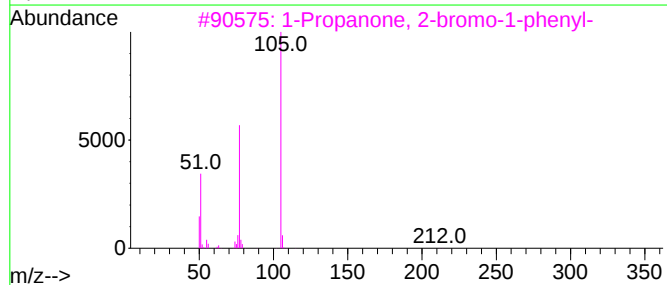
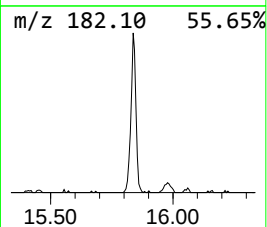
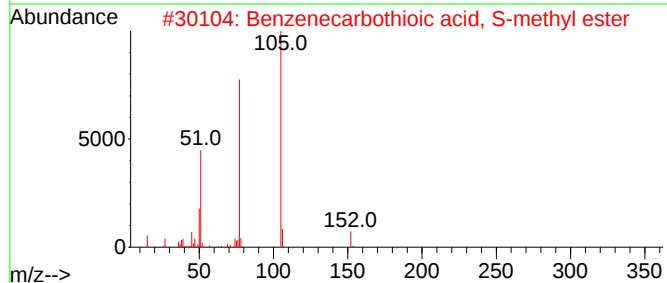
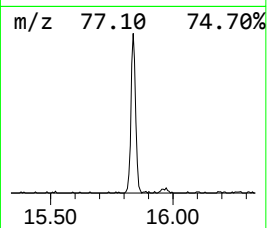
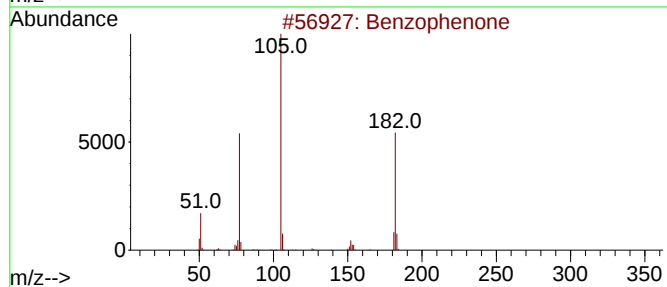
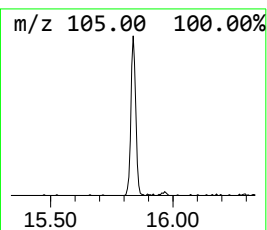
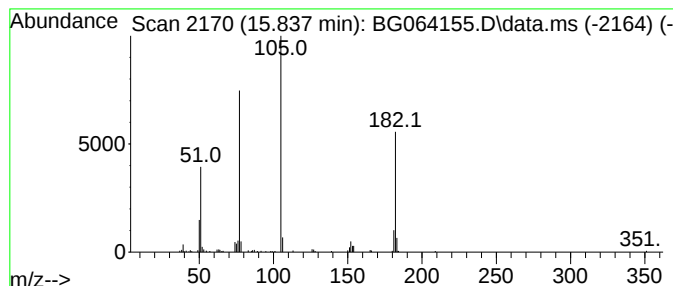
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.837	6.89 ng	193698	Acenaphthene-d10	14.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	53
4			Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	53
5			Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	53



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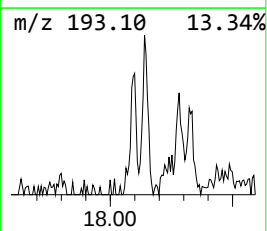
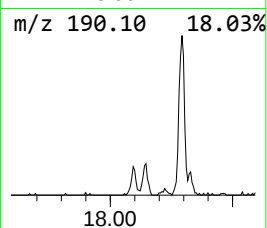
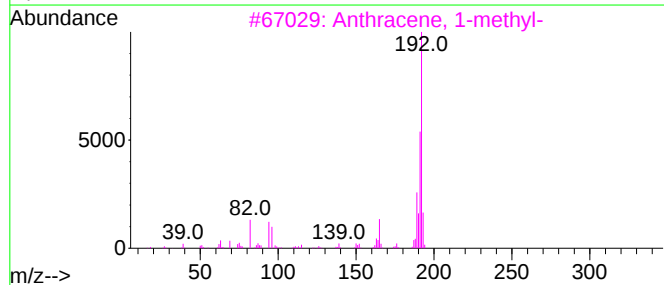
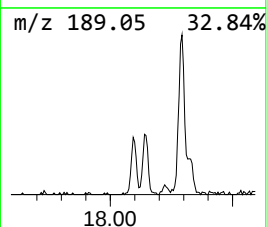
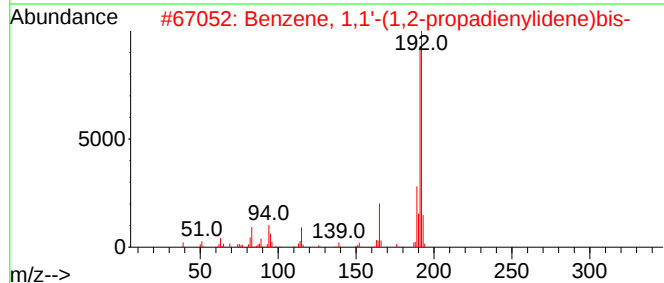
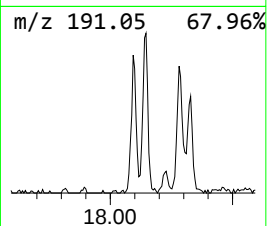
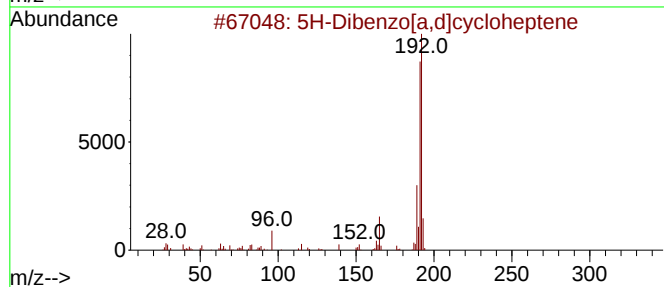
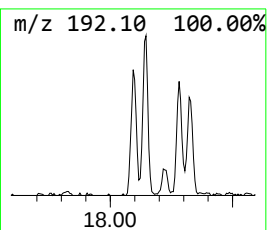
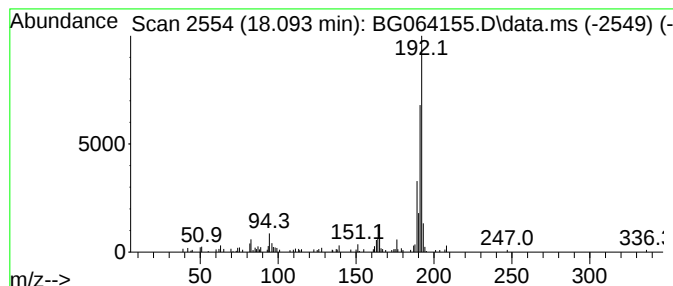
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 5H-Dibenzo[a,d]cycloheptene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.093	2.74 ng	91259	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2	Benzene, 1,1'-(1,2-propadienyli...	192	C15H12	014251-57-1	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



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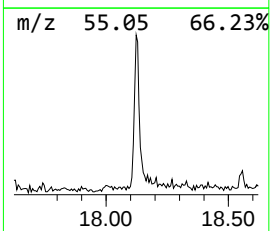
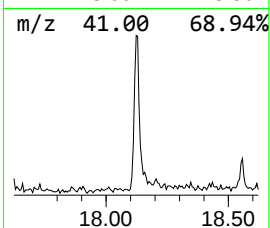
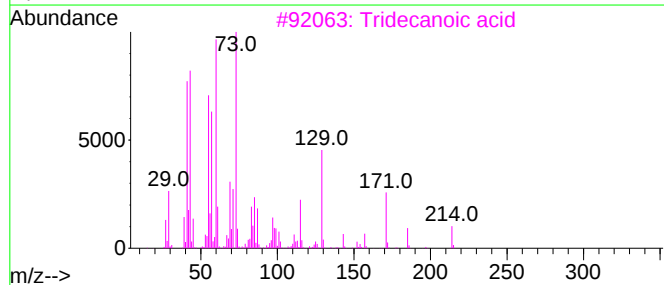
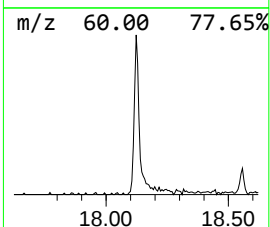
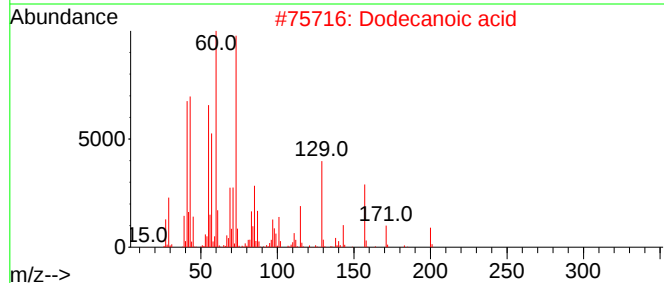
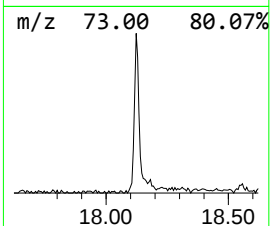
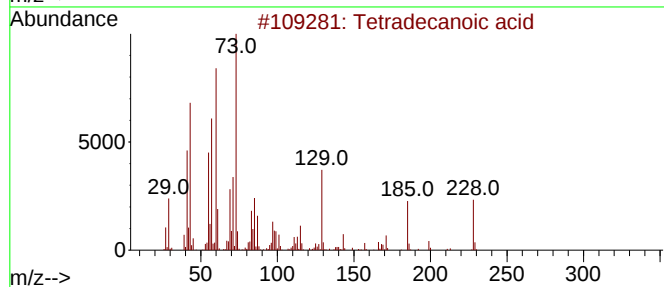
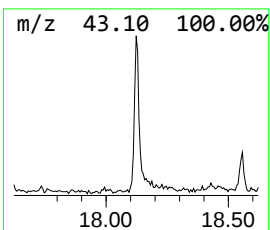
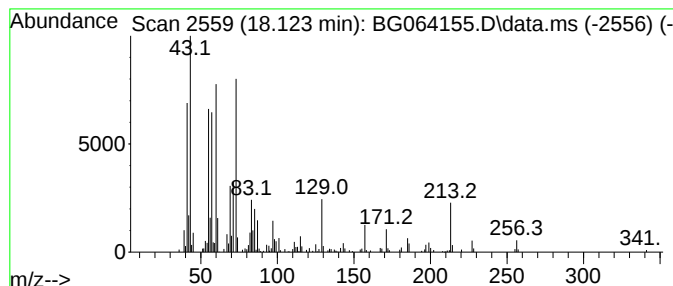
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.123	13.73 ng	456774	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2			Dodecanoic acid	200	C12H24O2	000143-07-7	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Undecanoic acid	186	C11H22O2	000112-37-8	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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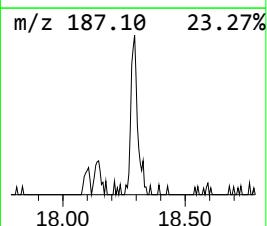
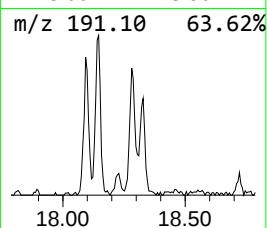
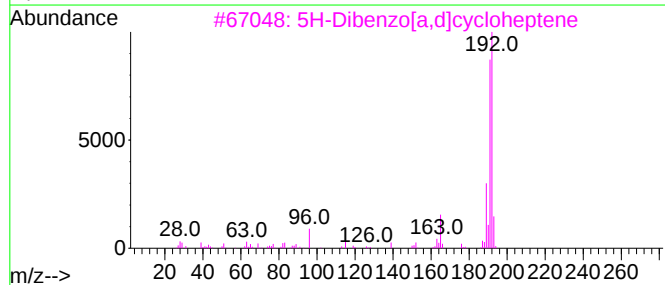
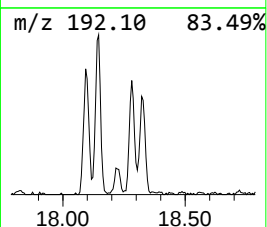
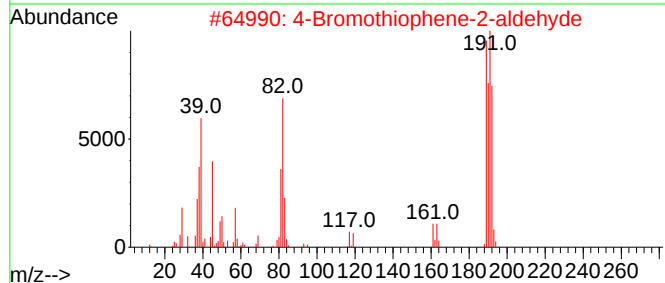
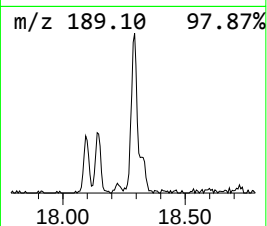
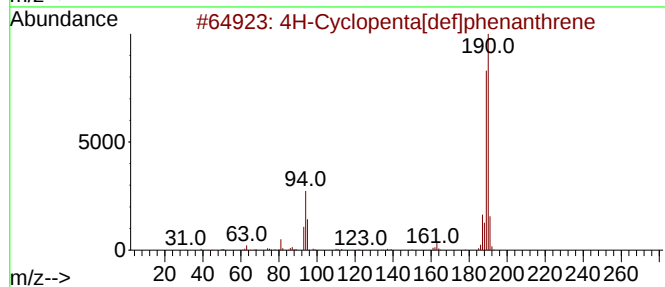
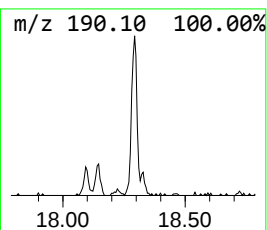
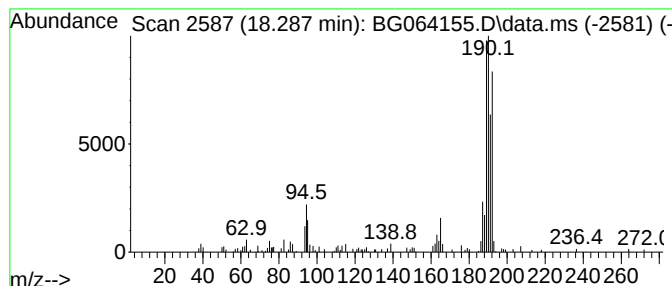
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	5.07 ng	168815	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4			5-Bromo-4-fluoropyridin-2-amine	190	C5H4BrFN2	944401-69-8	38
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
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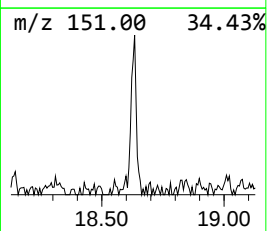
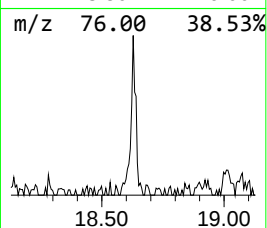
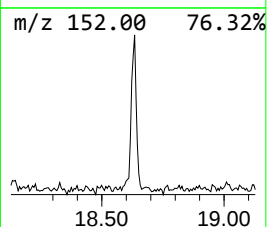
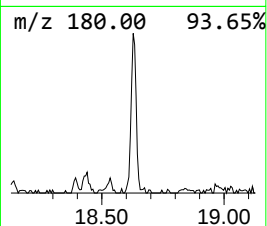
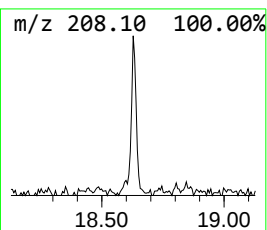
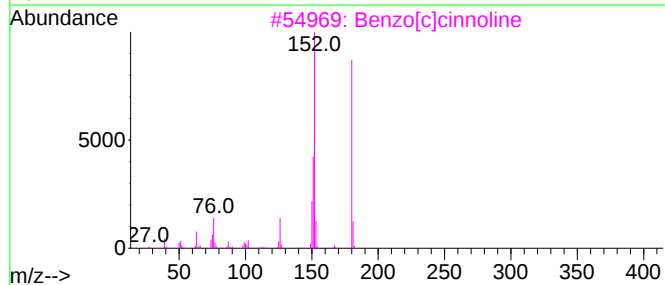
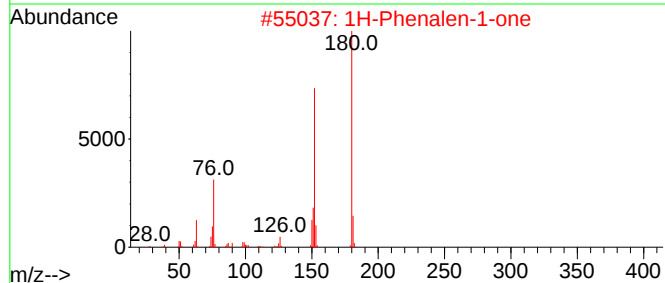
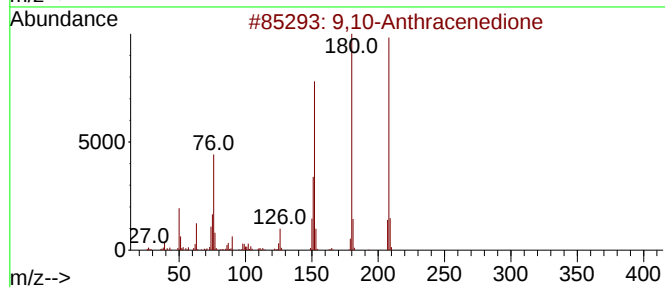
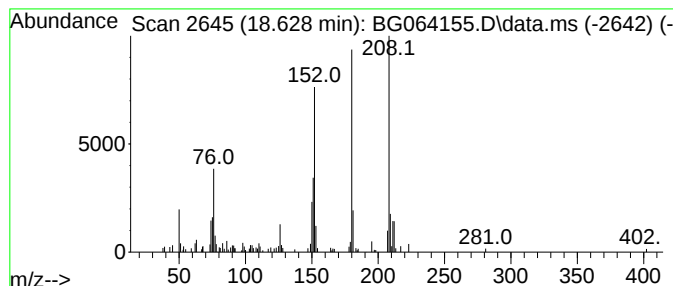
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	3.40 ng	113058	Phenanthrene-d10	17.218

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
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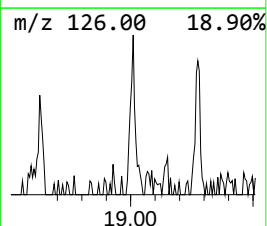
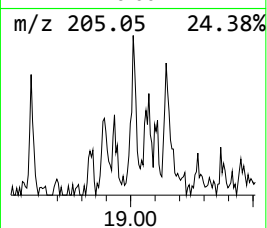
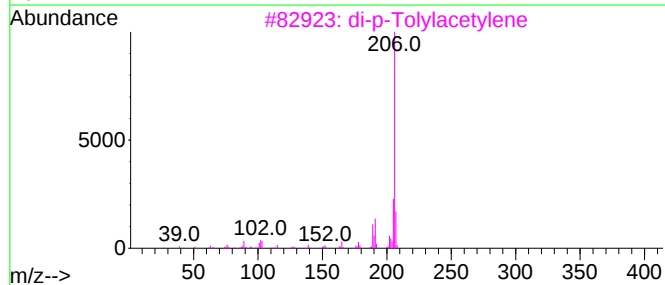
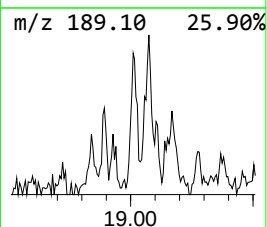
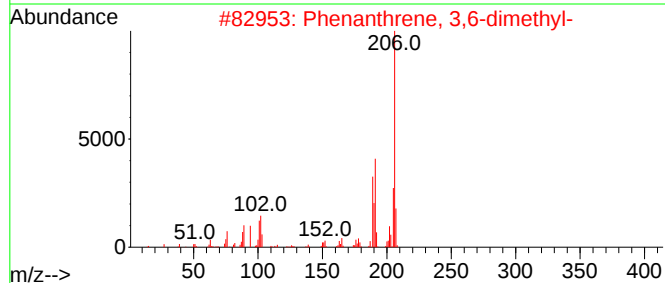
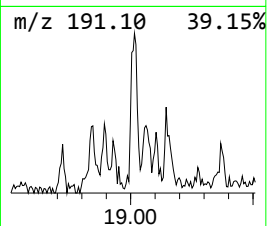
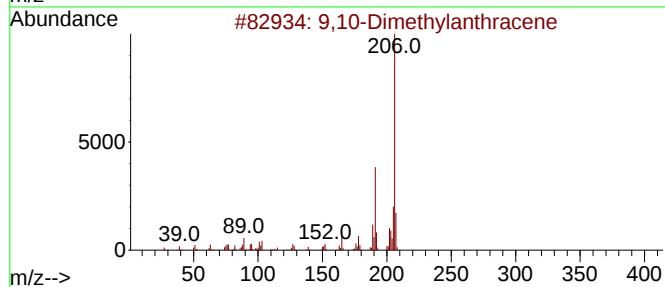
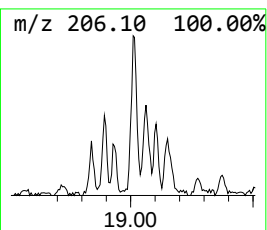
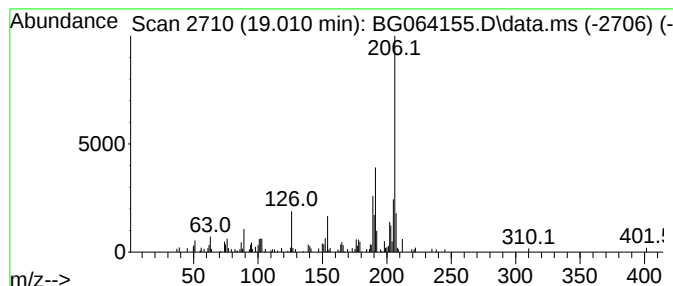
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	2.54 ng	84429	Phenanthrene-d10	17.218

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
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Sample : Q1674-03
Misc :
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Instrument :
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ClientSampleId :
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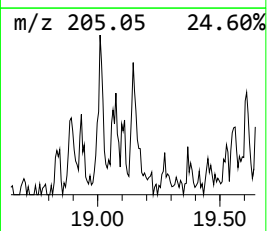
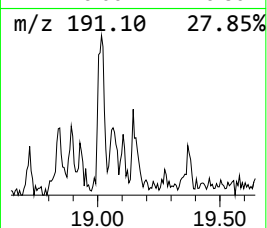
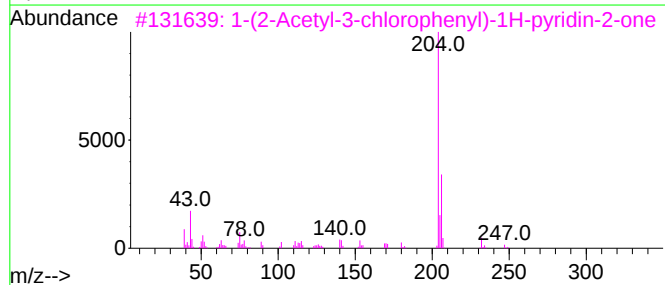
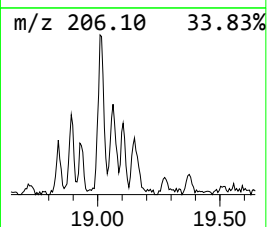
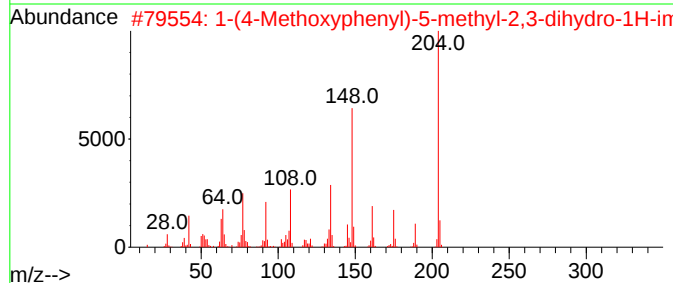
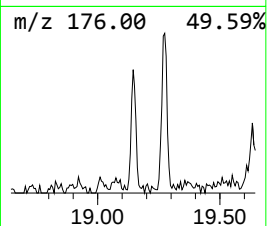
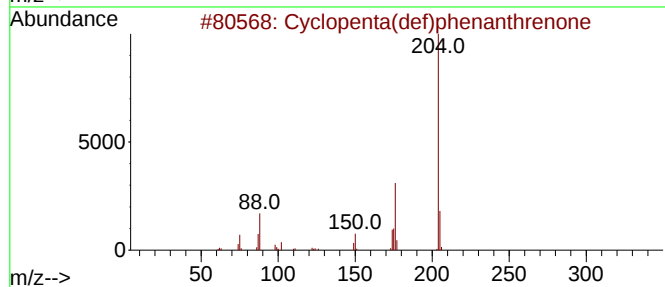
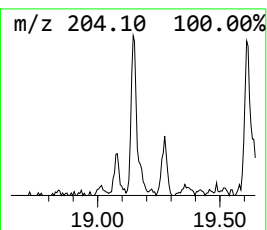
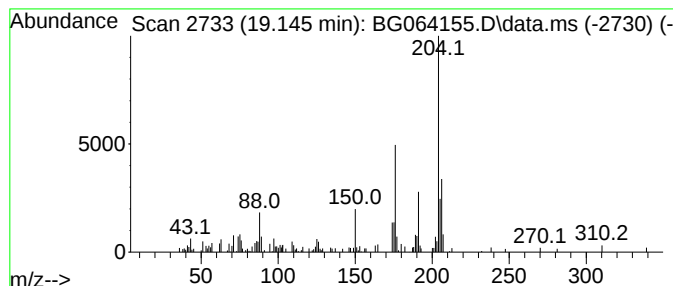
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	2.70 ng	89973	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2			1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	38
3			1-(2-Acetyl-3-chlorophenyl)-1H-p...	247	C13H10ClNO2	1000306-70-9	38
4			5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	38
5			Pyrimidine, 2-chloro-4-methyl-6...	204	C11H9ClN2	032785-40-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
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Sample : Q1674-03
Misc :
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Instrument :
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ClientSampleId :
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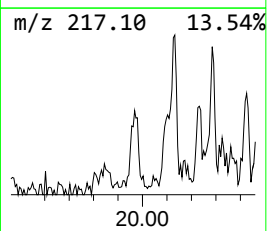
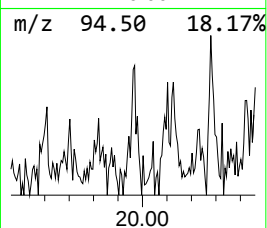
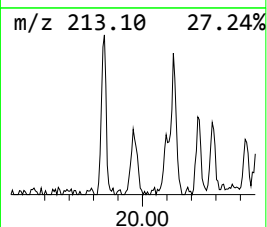
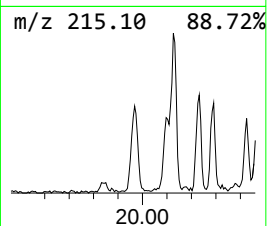
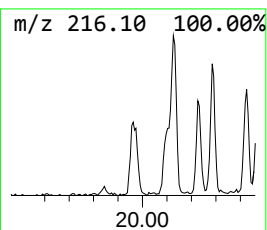
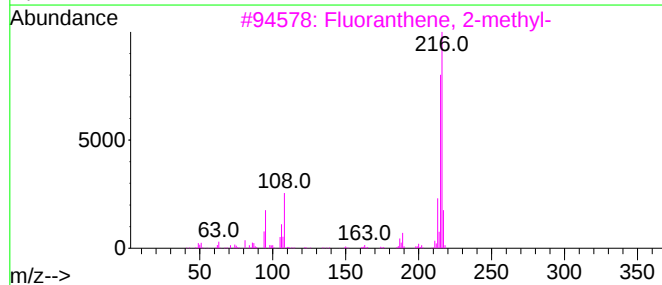
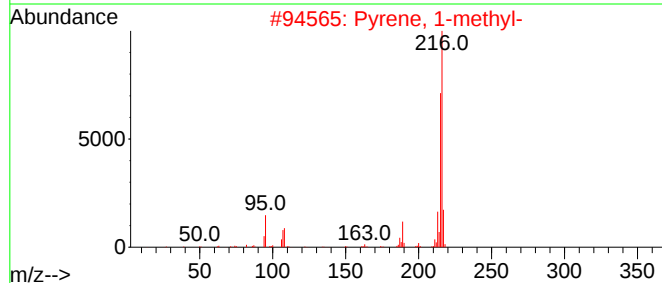
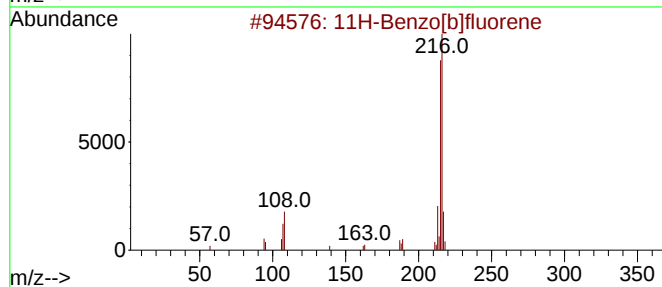
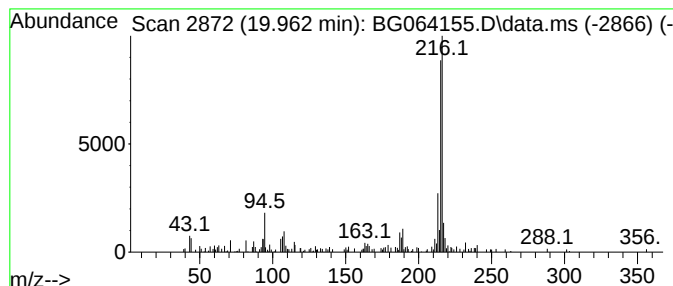
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.962	2.45 ng	167429	Chrysene-d12	21.454

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		3-Pyrenylacetic acid	260	C18H12O2	064709-55-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
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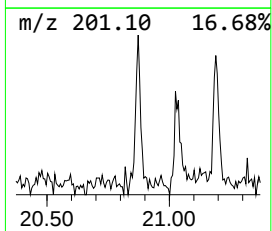
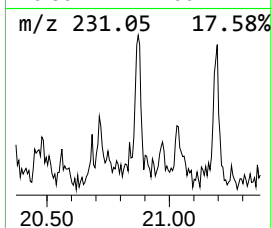
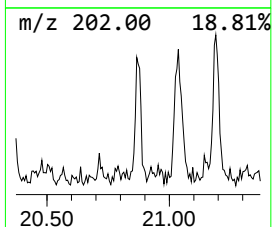
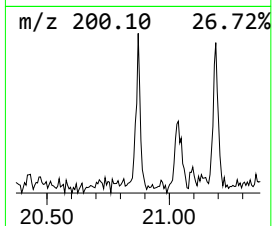
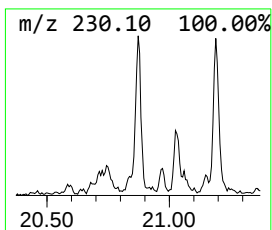
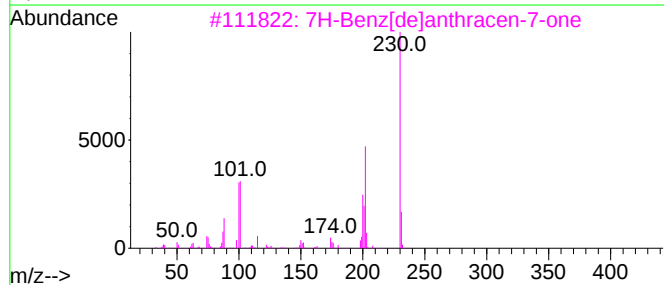
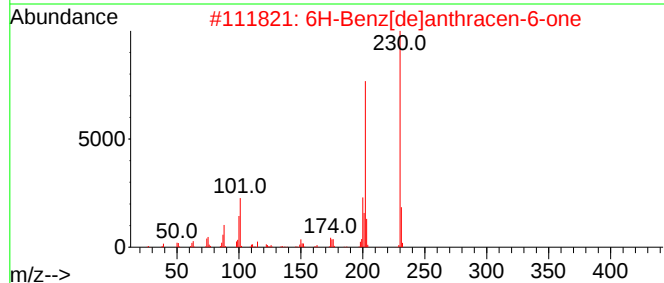
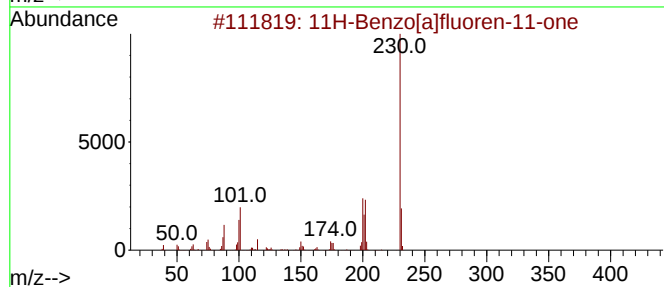
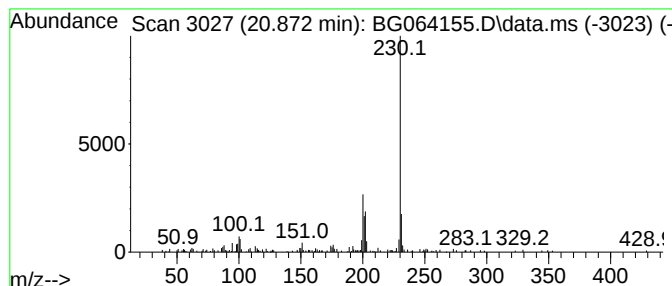
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.872	2.90 ng	198023	Chrysene-d12	21.454

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
2		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4		(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	59
5		3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
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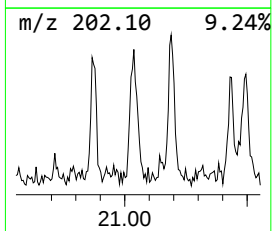
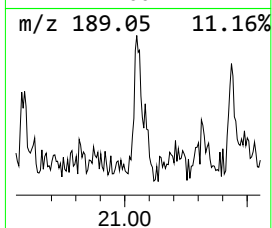
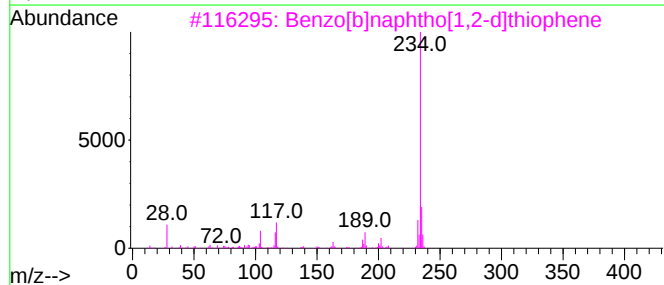
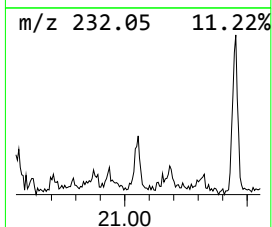
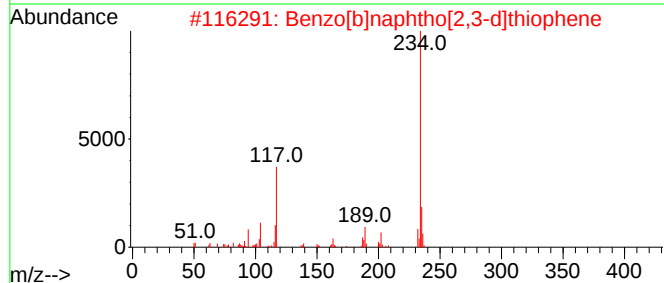
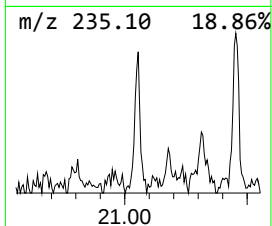
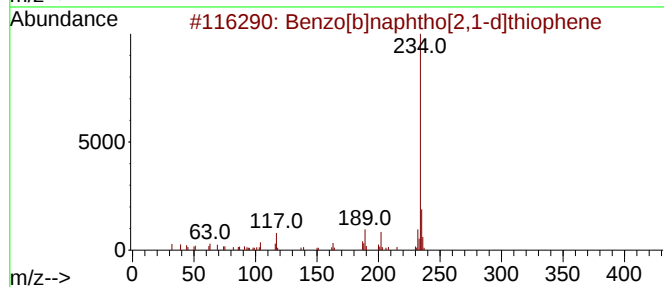
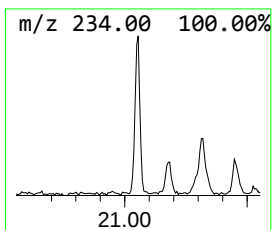
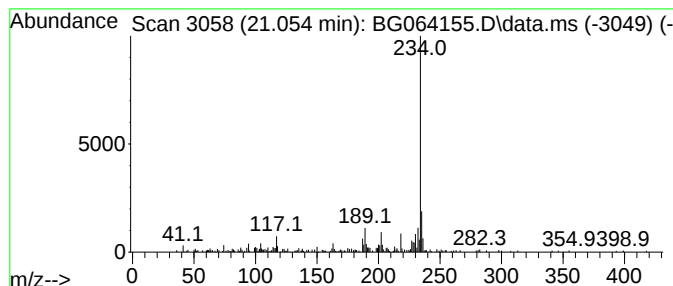
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.055	2.92 ng	199416	Chrysene-d12		21.454	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene		234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene		234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[1,2-d]thiophene		234	C16H10S	000205-43-6	91
4	Anthra(2,3-b)thiophene		234	C16H10S	022108-55-0	87
5	Phenanthro[4,3-b]thiophene		234	C16H10S	000195-68-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

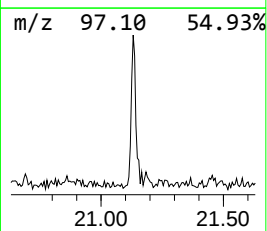
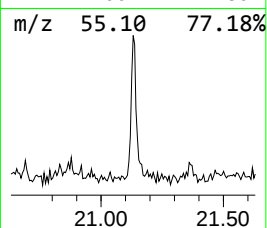
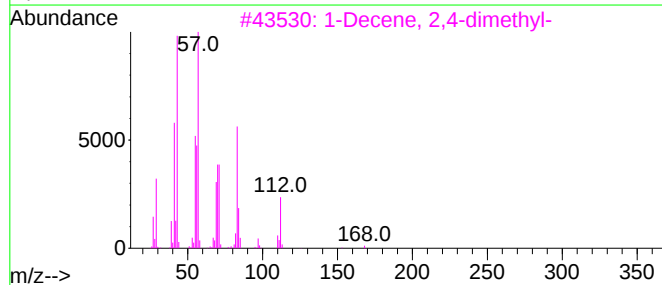
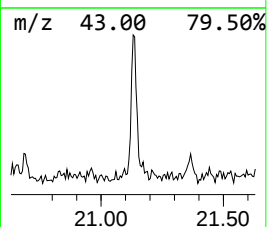
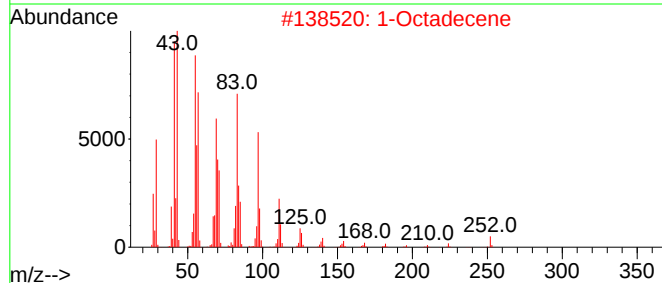
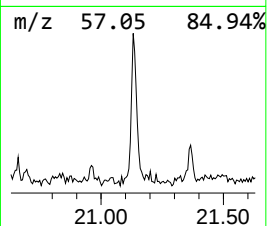
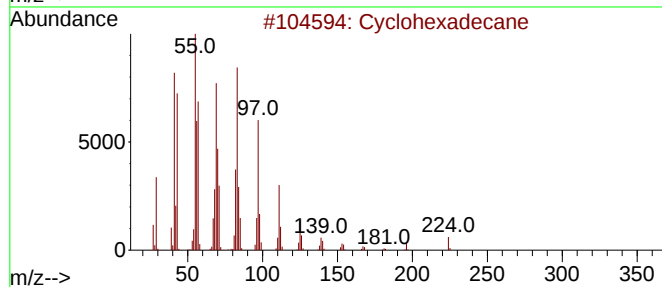
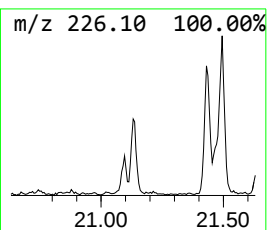
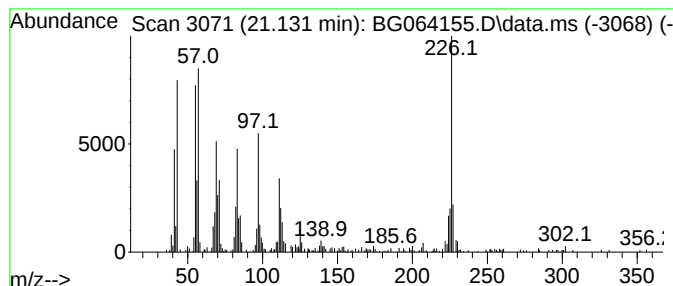
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.131	5.03 ng	343323	Chrysene-d12	21.454

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	93
2			1-Octadecene	252	C18H36	000112-88-9	53
3			1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	42
5			Pentacos-1-ene	350	C25H50	016980-85-1	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

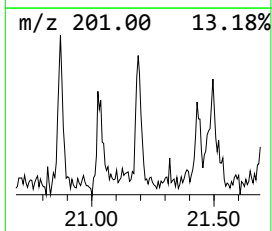
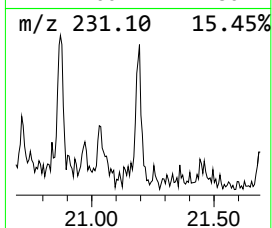
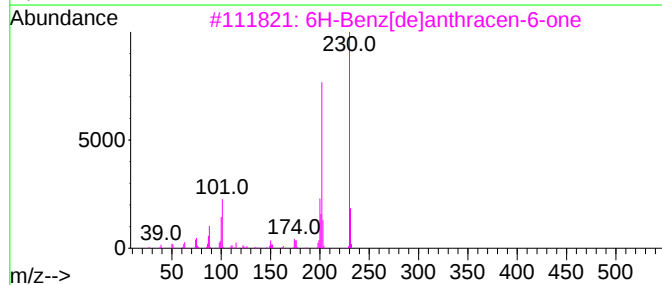
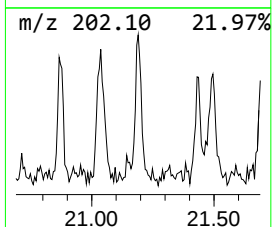
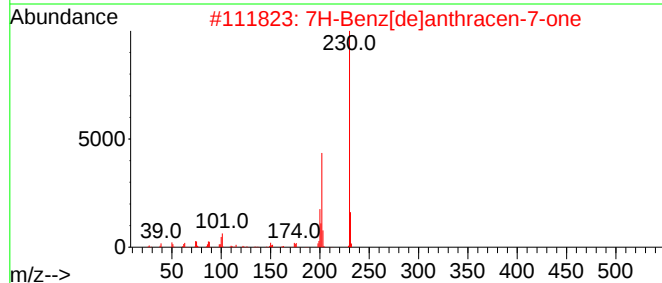
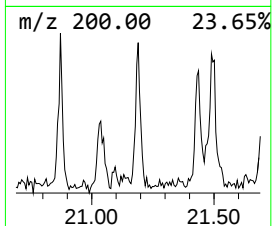
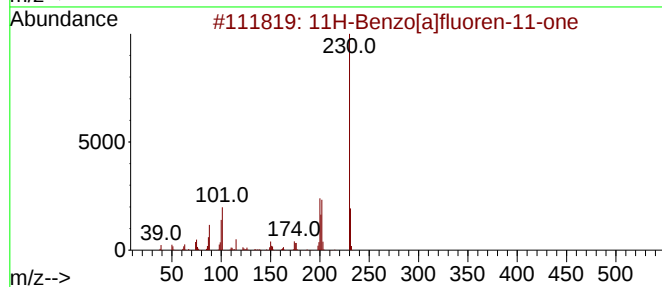
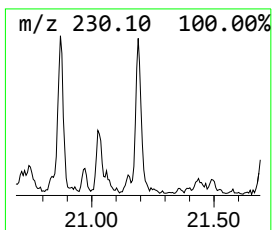
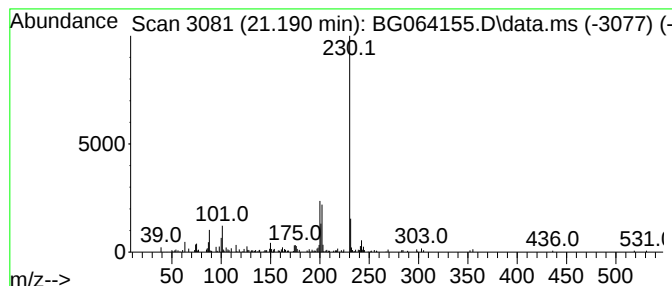
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.190	2.42 ng	165239	Chrysene-d12	21.454

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	59
5			.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11991

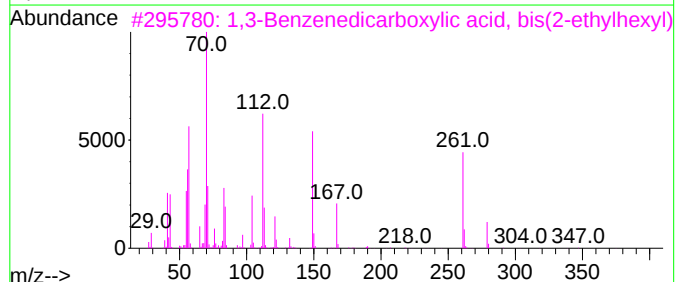
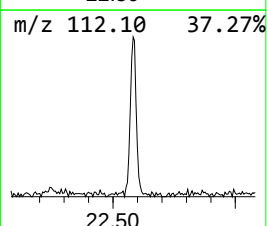
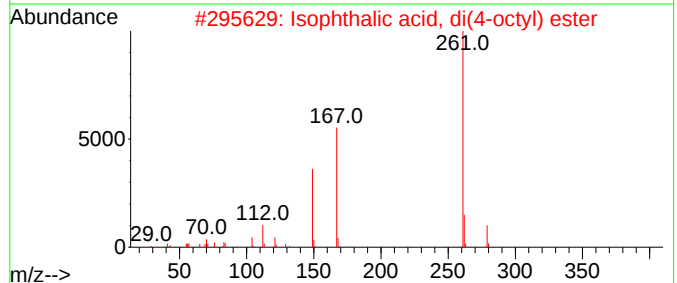
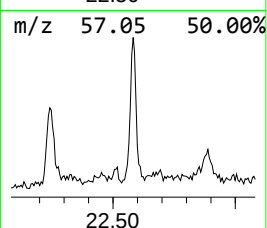
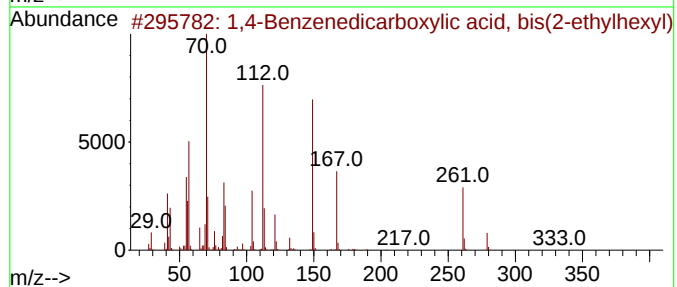
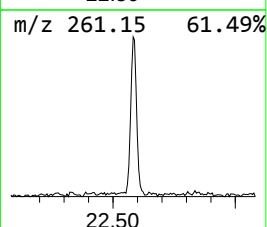
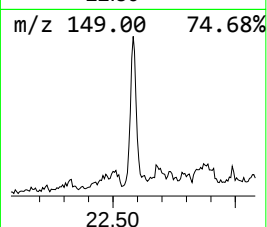
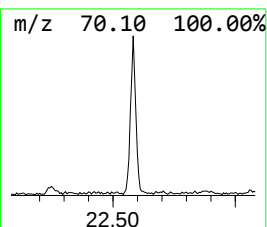
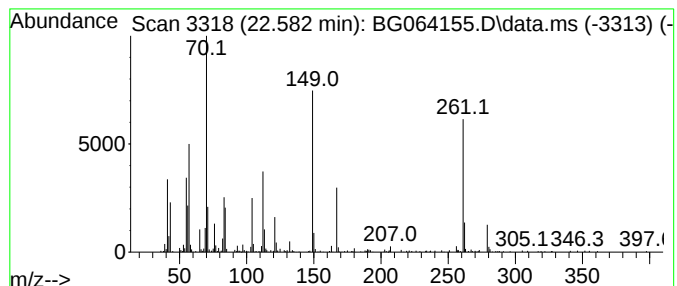
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.582	7.04 ng	480653	Chrysene-d12	21.454

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2			Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	52
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
4			Phthalic acid, 3,5-difluoropheny...	320	C17H14F2O4	1000314-96-0	35
5			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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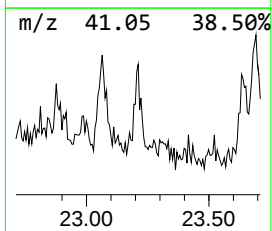
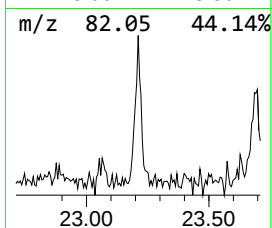
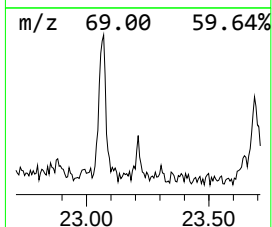
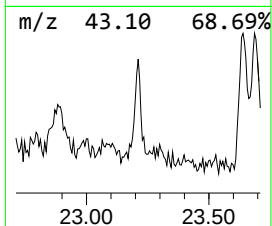
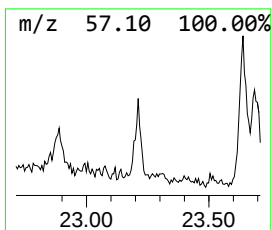
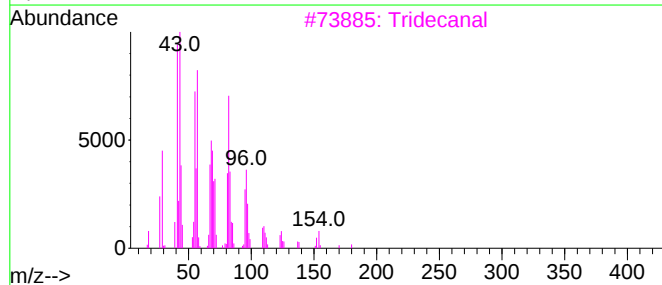
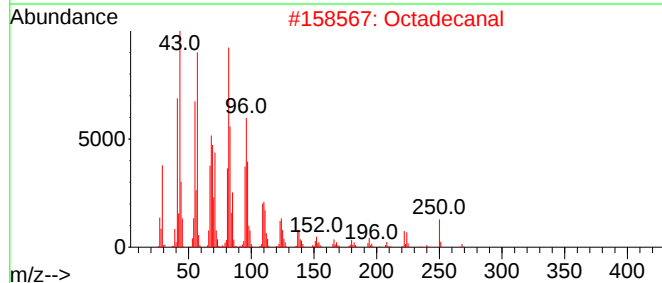
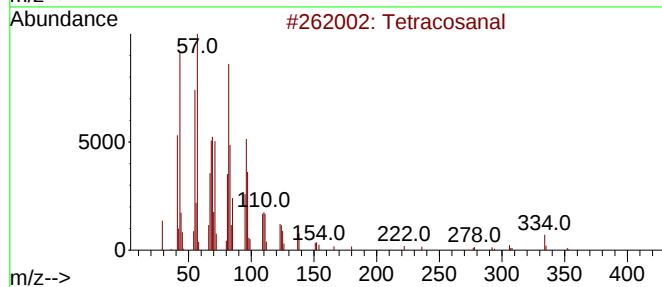
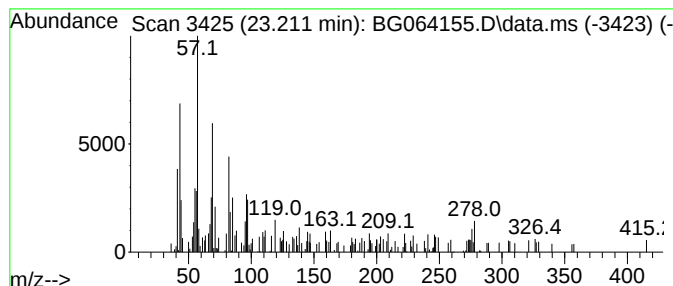
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown23.211 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.211	2.66 ng	98956	Perylene-d12	24.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanal	352	C24H48O	057866-08-7	43
2			Octadecanal	268	C18H36O	000638-66-4	43
3			Tridecanal	198	C13H26O	010486-19-8	43
4			Behenic alcohol	326	C22H46O	000661-19-8	43
5			Tetradecanal	212	C14H28O	000124-25-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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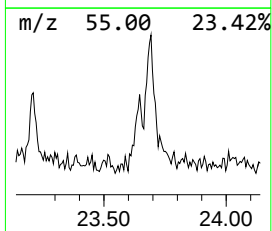
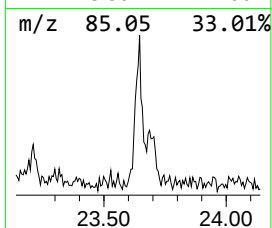
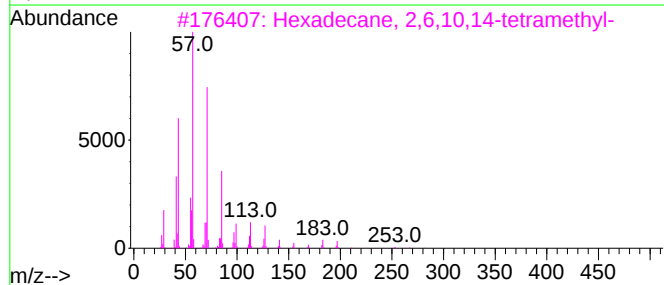
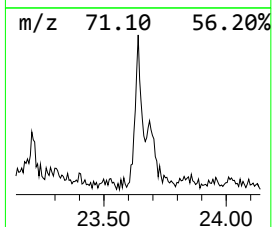
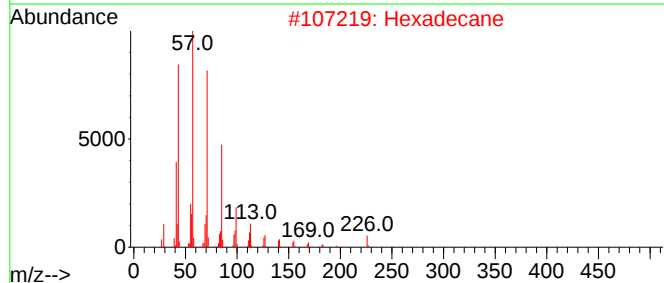
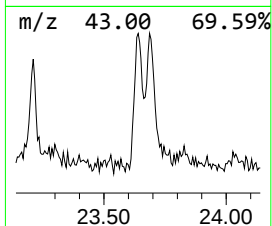
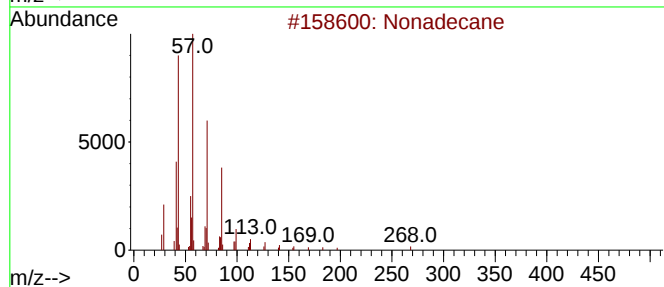
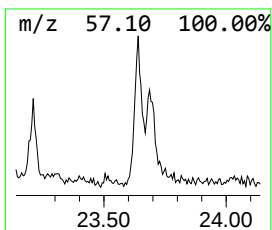
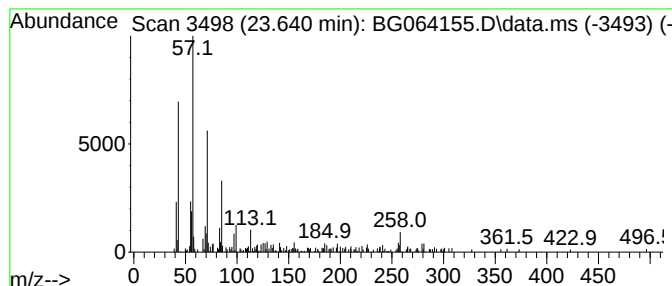
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.640	3.55 ng	131872	Perylene-d12	24.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	78
2			Hexadecane	226	C16H34	000544-76-3	78
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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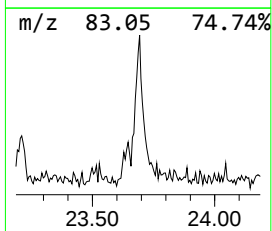
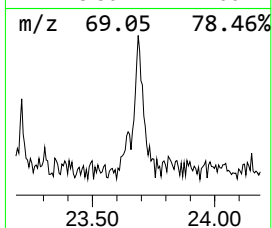
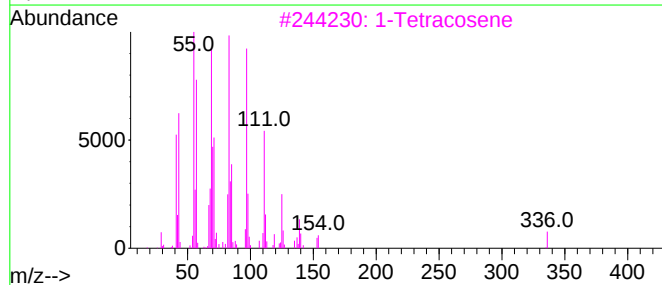
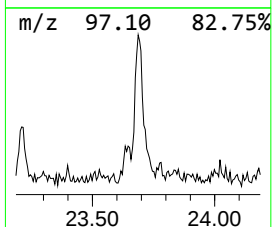
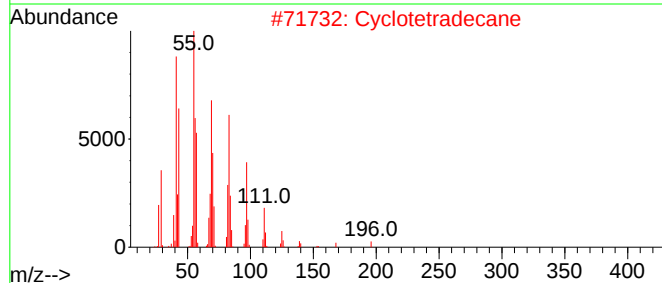
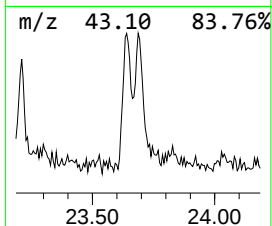
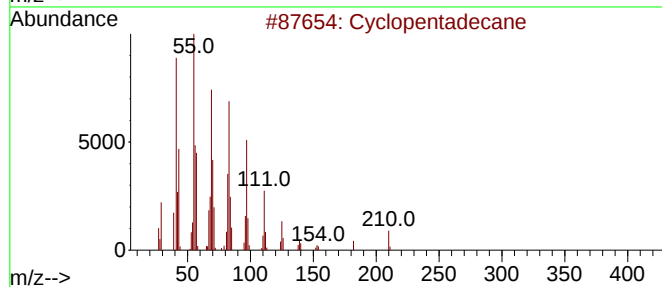
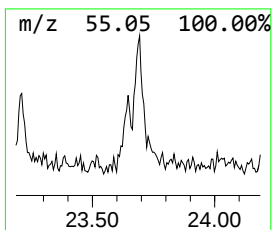
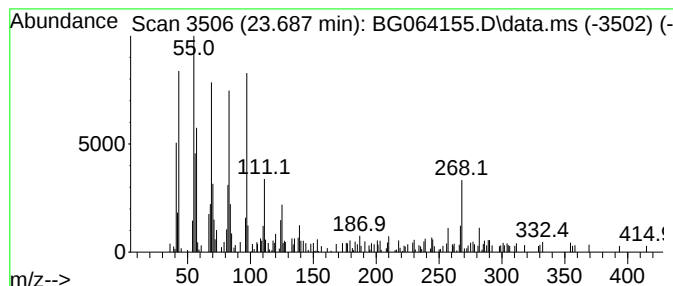
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.687	3.87 ng	143698	Perylene-d12	24.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	93
2			Cyclotetradecane	196	C14H28	000295-17-0	74
3			1-Tetracosene	336	C24H48	010192-32-2	72
4			1-Nonadecene	266	C19H38	018435-45-5	70
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
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Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

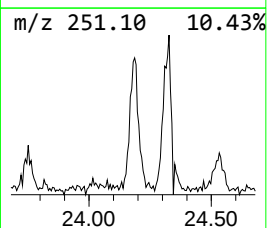
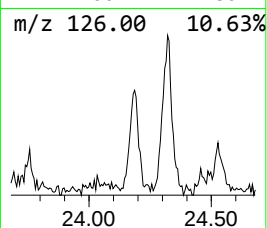
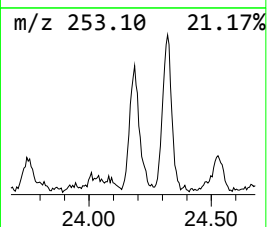
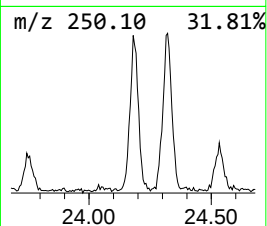
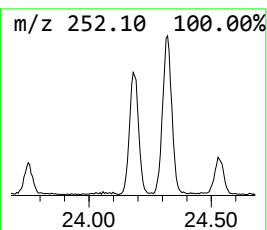
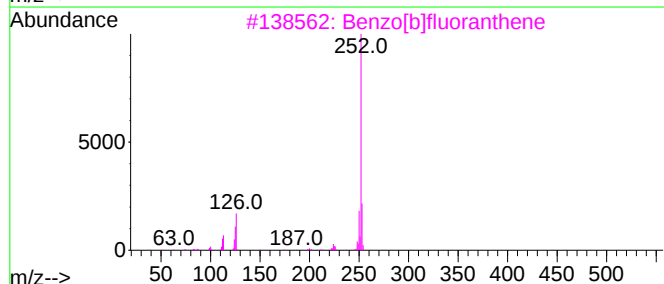
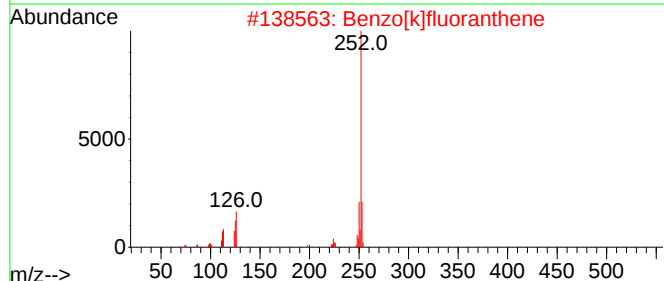
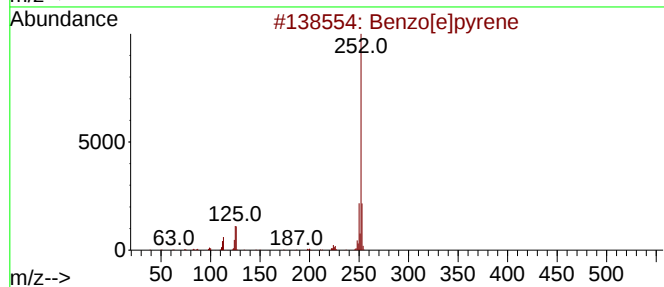
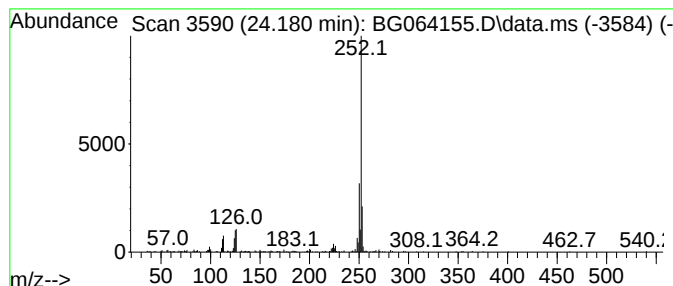
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.180	11.03 ng	410118	Perylene-d12	24.462	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

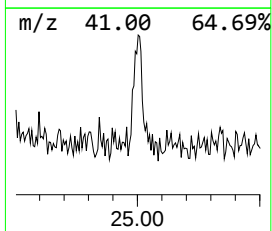
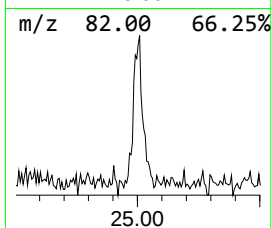
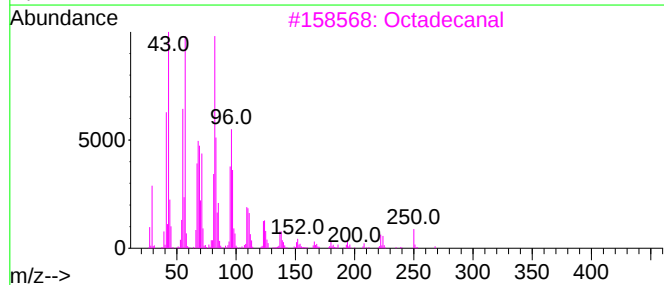
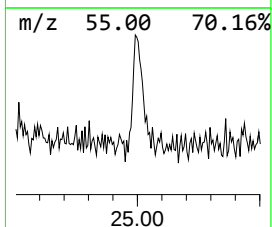
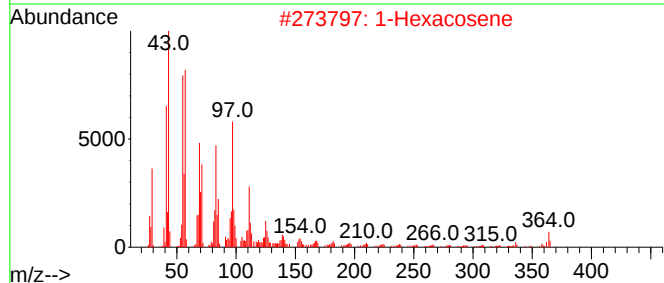
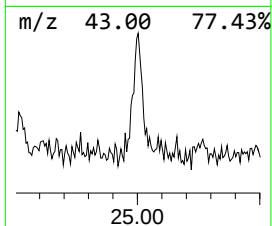
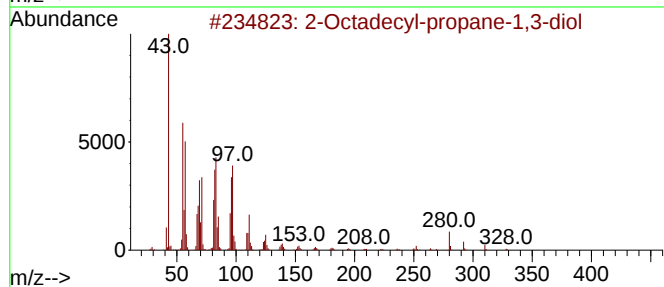
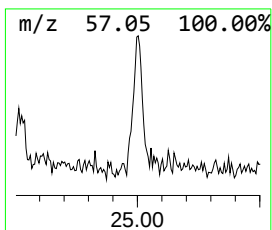
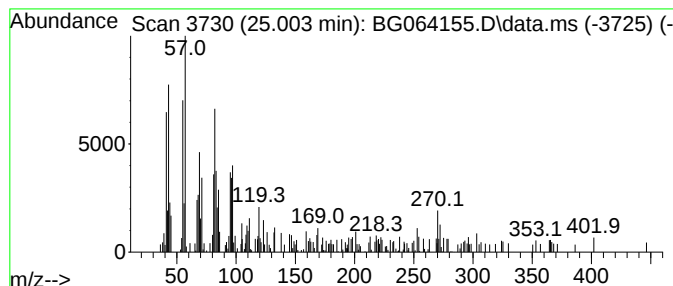
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown25.003 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.003	4.98 ng	185240	Perylene-d12	24.462

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	35
2		1-Hexacosene	364	C26H52	018835-33-1	30
3		Octadecanal	268	C18H36O	000638-66-4	30
4		Cyclododecanemethanol	198	C13H26O	001892-12-2	27
5		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064155.D
Acq On : 2 Apr 2025 16:24
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

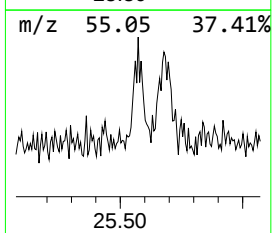
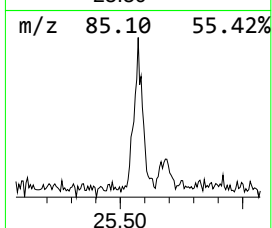
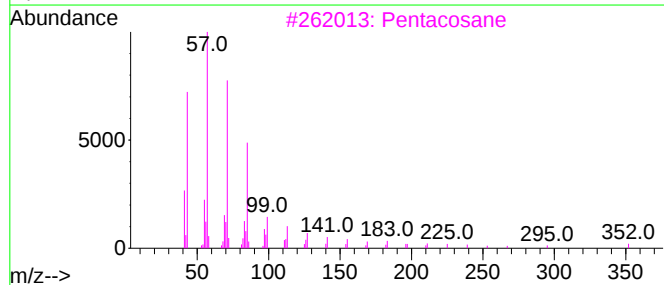
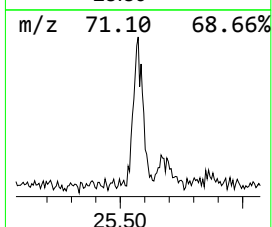
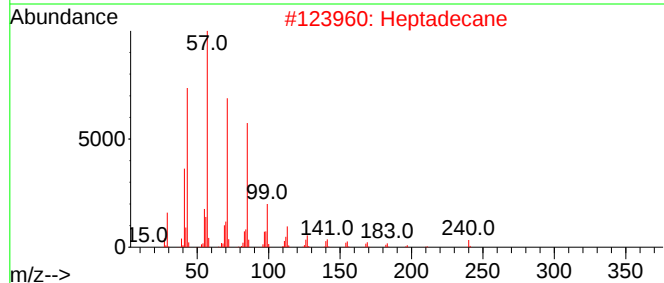
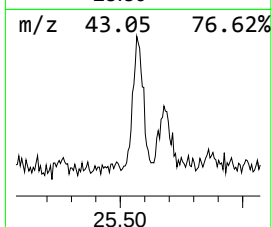
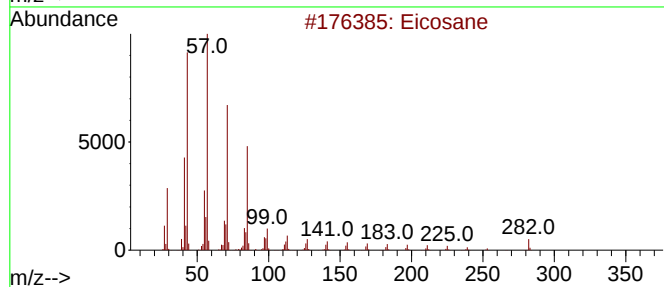
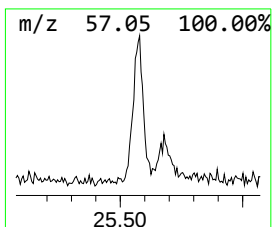
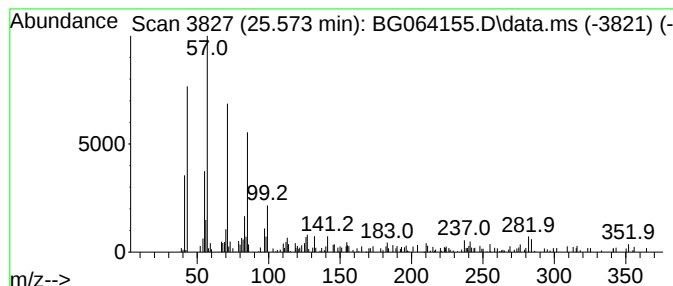
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.573	4.10 ng	152565	Perylene-d12	24.462

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	89
3		Pentacosane	352	C25H52	000629-99-2	86
4		Hentriacontane	437	C31H64	000630-04-6	76
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064155.D
 Acq On : 2 Apr 2025 16:24
 Operator : RC/JU
 Sample : Q1674-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.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-...	4.985	10.8	ng	155208	1	7.858	286610	20.0
Benzophenone	15.837	6.9	ng	193698	3	14.480	561946	20.0
5H-Dibenzo[a,d]...	18.093	2.7	ng	91259	4	17.218	665462	20.0
Tetradecanoic acid	18.123	13.7	ng	456774	4	17.218	665462	20.0
4H-Cyclopenta[d]...	18.287	5.1	ng	168815	4	17.218	665462	20.0
9,10-Anthracene...	18.628	3.4	ng	113058	4	17.218	665462	20.0
9,10-Dimethylan...	19.010	2.5	ng	84429	4	17.218	665462	20.0
Cyclopenta(def)...	19.145	2.7	ng	89973	4	17.218	665462	20.0
11H-Benzo[b]flu...	19.962	2.5	ng	167429	5	21.454	1366250	20.0
11H-Benzo[a]flu...	20.872	2.9	ng	198023	5	21.454	1366250	20.0
Benzo[b]naphtho...	21.055	2.9	ng	199416	5	21.454	1366250	20.0
Cyclohexadecane	21.131	5.0	ng	343323	5	21.454	1366250	20.0
7H-Benz[de]anth...	21.190	2.4	ng	165239	5	21.454	1366250	20.0
1,4-Benzenedica...	22.582	7.0	ng	480653	5	21.454	1366250	20.0
unknown23.211	23.211	2.7	ng	98956	6	24.462	743463	20.0
Nonadecane	23.640	3.5	ng	131872	6	24.462	743463	20.0
Cyclopentadecane	23.687	3.9	ng	143698	6	24.462	743463	20.0
Benzo[e]pyrene	24.180	11.0	ng	410118	6	24.462	743463	20.0
unknown25.003	25.003	5.0	ng	185240	6	24.462	743463	20.0
Eicosane	25.573	4.1	ng	152565	6	24.462	743463	20.0