

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058863.D
 Acq On : 26 Aug 2023 00:14
 Operator : MA/JU
 Sample : 04110-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-09(0-0.2)

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-BG081823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.495	63	69	76	rBV7	5986	13398	1.83%	0.177%
2	4.993	319	324	330	rBV5	4659	9241	1.26%	0.122%
3	5.381	383	390	398	rBV	204523	342701	46.77%	4.523%
4	5.810	458	463	468	rBV4	9216	16244	2.22%	0.214%
5	6.979	650	662	676	rBV	211446	388529	53.02%	5.127%
6	7.449	739	742	748	rVB2	6056	9750	1.33%	0.129%
7	7.802	792	802	811	rBV	74825	136573	18.64%	1.802%
8	8.971	993	1001	1008	rBV	135588	258219	35.24%	3.408%
9	10.604	1268	1279	1285	rBV	95011	195030	26.61%	2.574%
10	10.651	1285	1287	1293	rVB	17011	25907	3.54%	0.342%
11	10.757	1301	1305	1311	rVB3	5964	10253	1.40%	0.135%
12	11.621	1447	1452	1457	rBV2	13350	20133	2.75%	0.266%
13	12.020	1514	1520	1526	rBV	12238	18092	2.47%	0.239%
14	12.273	1557	1563	1571	rVB2	22775	38196	5.21%	0.504%
15	12.490	1594	1600	1607	rVB2	22348	36897	5.04%	0.487%
16	12.978	1676	1683	1689	rVB2	9098	13363	1.82%	0.176%
17	13.072	1689	1699	1708	rBV	333232	535775	73.11%	7.071%
18	13.272	1726	1733	1740	rBV2	15010	29255	3.99%	0.386%
19	13.513	1764	1774	1776	rBV4	3343	9080	1.24%	0.120%
20	13.613	1786	1791	1793	rBV4	7395	9584	1.31%	0.126%
21	13.771	1813	1818	1823	rBV2	18092	34047	4.65%	0.449%
22	13.824	1823	1827	1832	rVV2	13212	21027	2.87%	0.277%
23	13.924	1840	1844	1848	rVB3	15542	20241	2.76%	0.267%
24	14.006	1854	1858	1862	rBV2	10273	16143	2.20%	0.213%
25	14.341	1911	1915	1920	rVB	16980	20676	2.82%	0.273%
26	14.453	1923	1934	1940	rBV	159830	252777	34.49%	3.336%
27	14.852	1996	2002	2008	rBV2	17519	28066	3.83%	0.370%
28	14.929	2008	2015	2018	rBV2	6728	10251	1.40%	0.135%
29	15.070	2034	2039	2043	rBV3	8772	12874	1.76%	0.170%
30	15.123	2043	2048	2052	rVV3	7455	9499	1.30%	0.125%
31	15.240	2062	2068	2071	rBV4	12155	21768	2.97%	0.287%
32	15.293	2071	2077	2082	rVB3	18576	28304	3.86%	0.374%
33	15.487	2105	2110	2115	rBV4	15354	25028	3.42%	0.330%
34	15.698	2140	2146	2156	rVB5	12942	23251	3.17%	0.307%
35	15.792	2156	2162	2163	rBV4	11761	15964	2.18%	0.211%
36	15.828	2163	2168	2176	rVB	68558	107953	14.73%	1.425%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.945	2182	2188	2198	rVB	253286	402419	54.91%	5.311%
38	16.174	2218	2227	2233	rBV	46473	90169	12.30%	1.190%
39	16.733	2313	2322	2339	rBV9	13249	51264	7.00%	0.677%
40	16.856	2339	2343	2348	rBV3	10200	18372	2.51%	0.242%
41	16.944	2351	2358	2363	rBV3	24911	40344	5.51%	0.532%
42	17.197	2395	2401	2405	rBV	203442	304299	41.53%	4.016%
43	17.238	2405	2408	2414	rVB	59485	85373	11.65%	1.127%
44	17.338	2419	2425	2428	rVB2	6303	10300	1.41%	0.136%
45	17.479	2444	2449	2453	rBV6	5387	10886	1.49%	0.144%
46	17.520	2453	2456	2462	rVB6	6456	10532	1.44%	0.139%
47	17.602	2467	2470	2476	rVV7	6138	14042	1.92%	0.185%
48	17.678	2479	2483	2487	rVB	26432	32030	4.37%	0.423%
49	18.084	2546	2552	2555	rVV2	52974	90134	12.30%	1.190%
50	18.119	2555	2558	2565	rVV	39782	61076	8.33%	0.806%
51	18.201	2565	2572	2574	rVV7	5997	11849	1.62%	0.156%
52	18.260	2577	2582	2587	rVV3	26045	46565	6.35%	0.615%
53	18.307	2587	2590	2596	rVB2	19271	25942	3.54%	0.342%
54	18.372	2596	2601	2607	rBV	23749	38388	5.24%	0.507%
55	18.572	2631	2635	2641	rVB4	15399	25147	3.43%	0.332%
56	18.630	2641	2645	2653	rVB10	9038	17716	2.42%	0.234%
57	18.818	2674	2677	2682	rVB5	6679	10813	1.48%	0.143%
58	18.865	2682	2685	2690	rBV3	7779	12563	1.71%	0.166%
59	18.995	2702	2707	2712	rBV3	30185	58618	8.00%	0.774%
60	19.047	2712	2716	2718	rVV3	7907	13440	1.83%	0.177%
61	19.083	2718	2722	2726	rVV2	29262	35852	4.89%	0.473%
62	19.136	2726	2731	2737	rVB5	13597	25293	3.45%	0.334%
63	19.253	2746	2751	2757	rVB	106123	149332	20.38%	1.971%
64	19.318	2757	2762	2765	rBV3	7573	9112	1.24%	0.120%
65	19.359	2765	2769	2775	rBV7	15324	24990	3.41%	0.330%
66	19.465	2784	2787	2792	rVB2	11785	14219	1.94%	0.188%
67	19.582	2803	2807	2810	rBV2	35515	50268	6.86%	0.663%
68	19.617	2810	2813	2821	rVB	84538	124651	17.01%	1.645%
69	19.694	2822	2826	2831	rVB4	15854	24487	3.34%	0.323%
70	19.817	2839	2847	2851	rBV	576666	732808	100.00%	9.671%
71	19.935	2862	2867	2870	rBV4	11587	22933	3.13%	0.303%
72	20.017	2877	2881	2886	rBV7	9109	15955	2.18%	0.211%
73	20.064	2886	2889	2890	rVV3	11078	11115	1.52%	0.147%
74	20.111	2893	2897	2902	rVB2	42559	60148	8.21%	0.794%
75	20.211	2911	2914	2917	rBV2	13060	15929	2.17%	0.210%
76	20.270	2918	2924	2929	rVV4	14810	32592	4.45%	0.430%

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77	20.352	2934	2938	2943	rVB6	7503	11305	1.54%	0.149%
78	20.411	2943	2948	2952	rBV2	13654	25328	3.46%	0.334%
79	20.452	2952	2955	2959	rVB	13744	16579	2.26%	0.219%
80	20.610	2978	2982	2986	rVB	26589	31864	4.35%	0.421%
81	20.863	3021	3025	3031	rVB2	21519	34844	4.75%	0.460%
82	21.039	3047	3055	3058	rBV4	21371	44899	6.13%	0.593%
83	21.086	3058	3063	3074	rVV7	79251	172813	23.58%	2.281%
84	21.174	3074	3078	3092	rVB3	31640	67428	9.20%	0.890%
85	21.439	3115	3123	3127	rBV2	230999	443625	60.54%	5.855%
86	21.480	3127	3130	3142	rVB	60796	103342	14.10%	1.364%
87	21.609	3149	3152	3158	rVB2	24515	34112	4.65%	0.450%
88	22.132	3239	3241	3246	rVB3	15128	18506	2.53%	0.244%
89	22.185	3246	3250	3261	rVB6	22545	55442	7.57%	0.732%
90	22.837	3355	3361	3365	rBV3	13522	23754	3.24%	0.313%
91	23.013	3388	3391	3394	rVB4	10734	14626	2.00%	0.193%
92	23.166	3413	3417	3418	rBV4	6881	9492	1.30%	0.125%
93	23.530	3470	3479	3485	rBV2	48005	148258	20.23%	1.957%
94	23.777	3516	3521	3527	rVB6	9717	18511	2.53%	0.244%
95	24.206	3589	3594	3604	rVB	28236	74178	10.12%	0.979%
96	24.353	3610	3619	3629	rVB	37196	102642	14.01%	1.355%
97	24.500	3634	3644	3652	rBV2	125344	361041	49.27%	4.765%
98	25.522	3811	3818	3827	rVB8	9384	28992	3.96%	0.383%
99	27.978	4226	4236	4248	rBV5	17926	76460	10.43%	1.009%
100	29.065	4411	4421	4436	rBV4	13650	63319	8.64%	0.836%

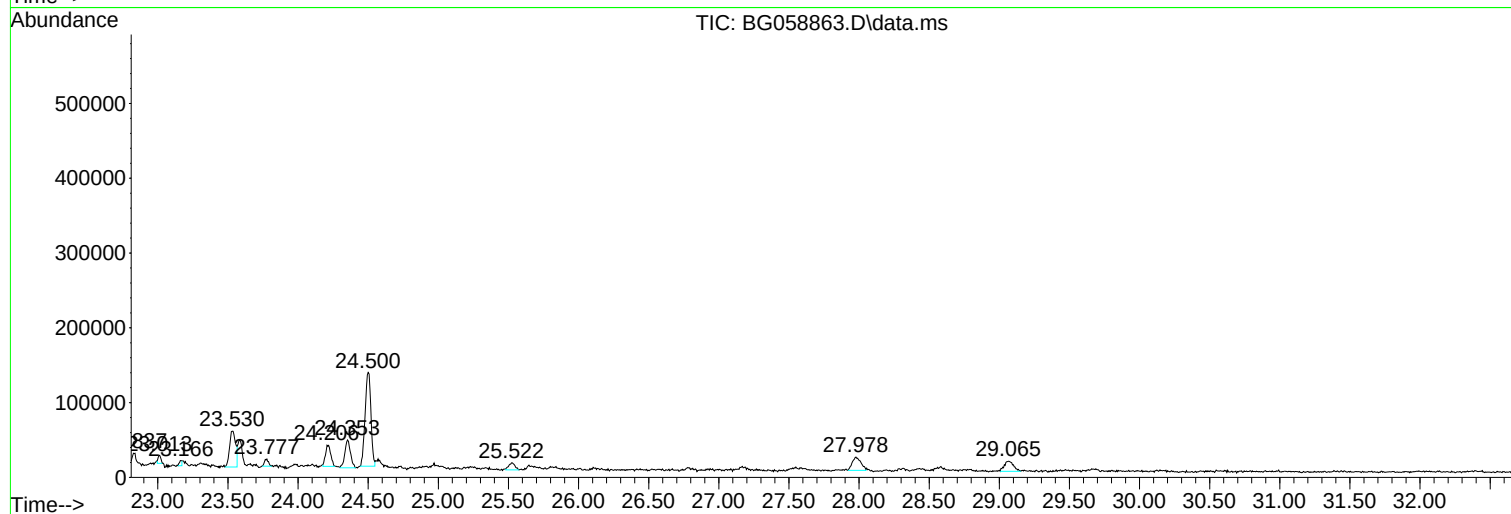
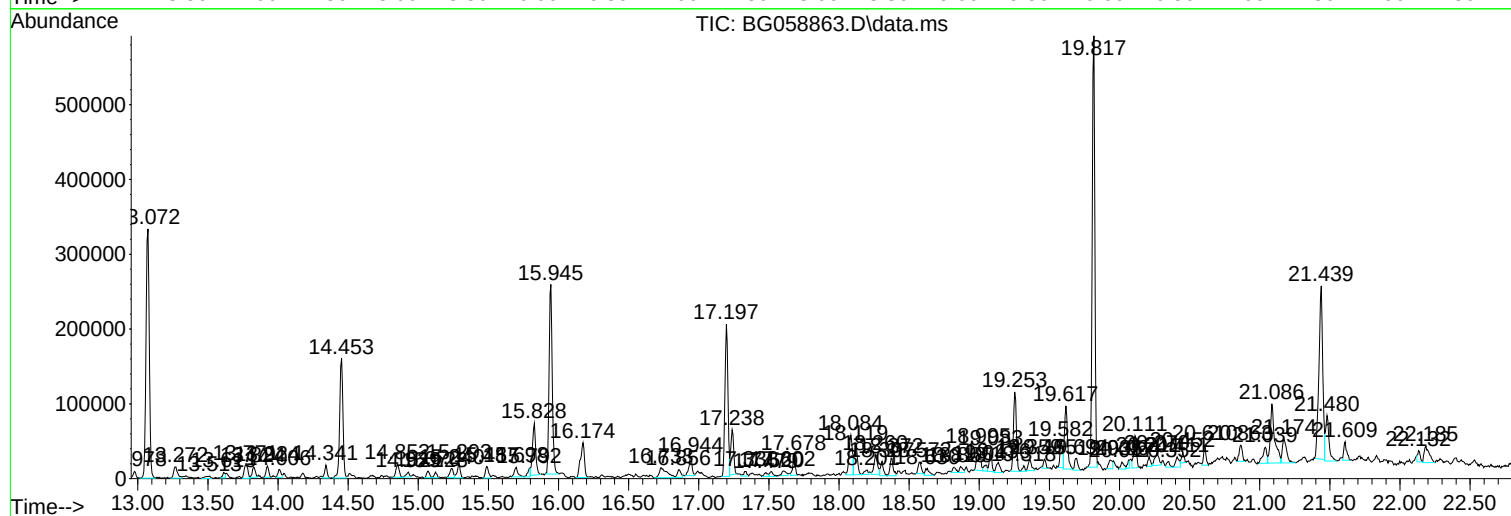
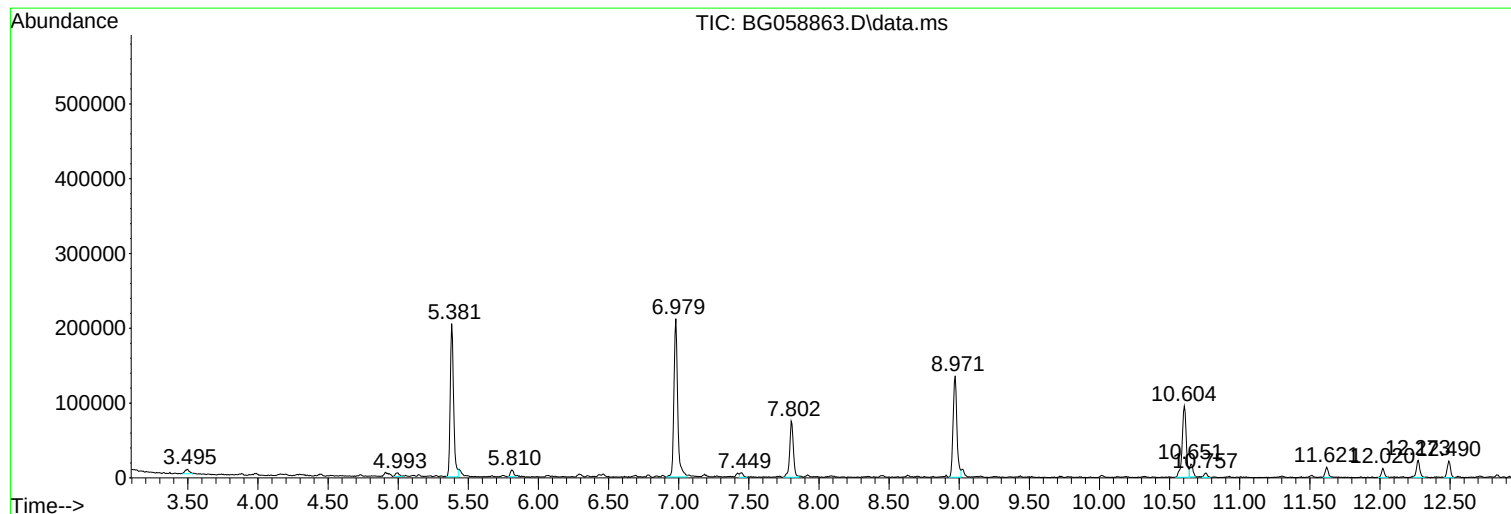
Sum of corrected areas: 7577414

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Instrument :
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SS-TP-09(0-0.2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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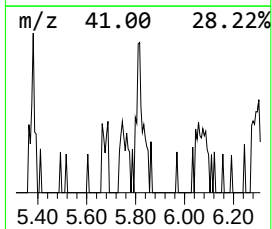
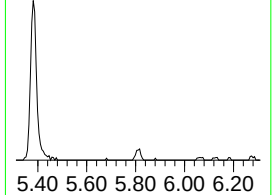
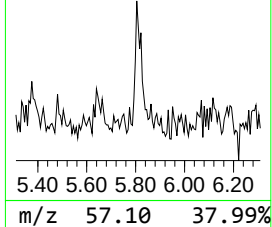
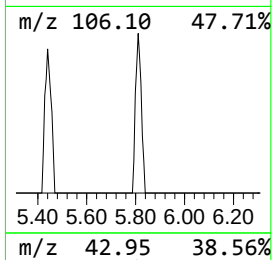
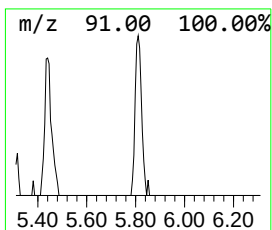
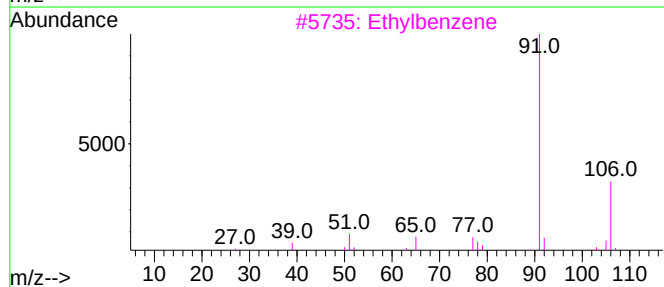
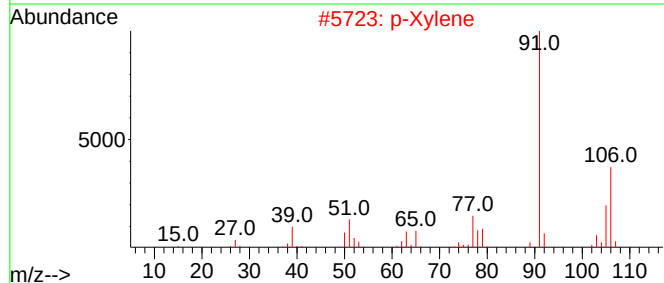
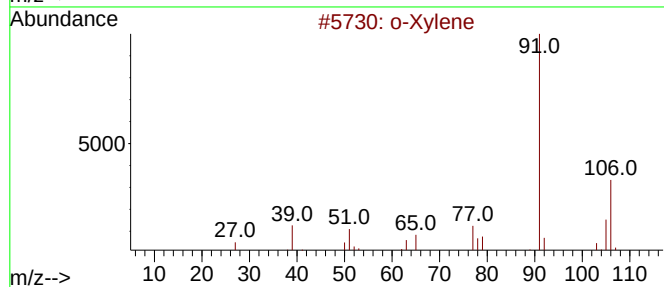
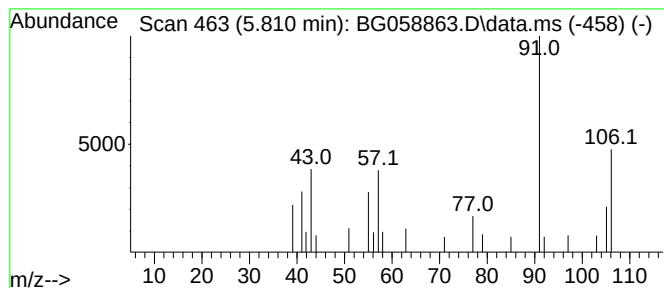
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 o-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.810	2.38 ng	16244	1,4-Dichlorobenzene-d4	7.802

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Xylene	106	C8H10	000095-47-6	80
2			p-Xylene	106	C8H10	000106-42-3	53
3			Ethylbenzene	106	C8H10	000100-41-4	49
4			1,6-Heptadiyne	92	C7H8	002396-63-6	9
5			Tert-butyl N-benzylcarbamate	207	C12H17NO2	1010411-59-5	9



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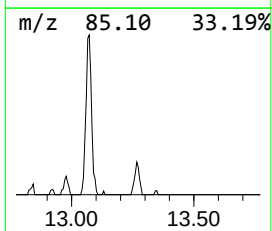
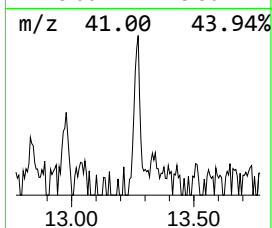
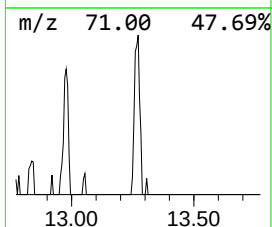
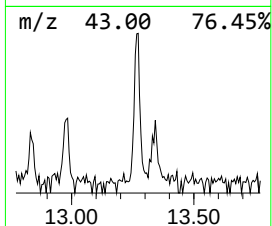
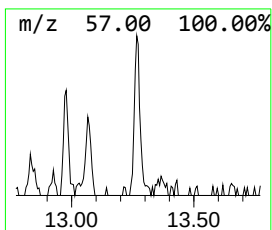
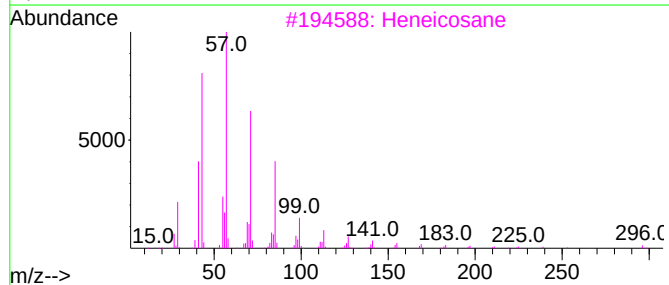
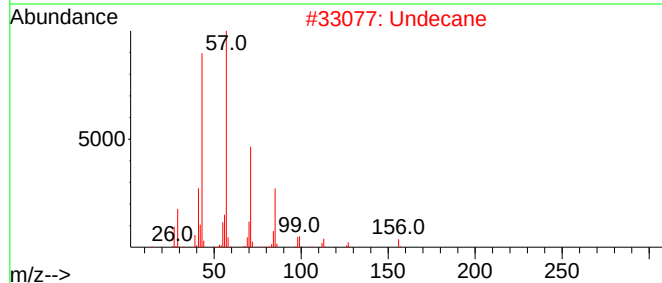
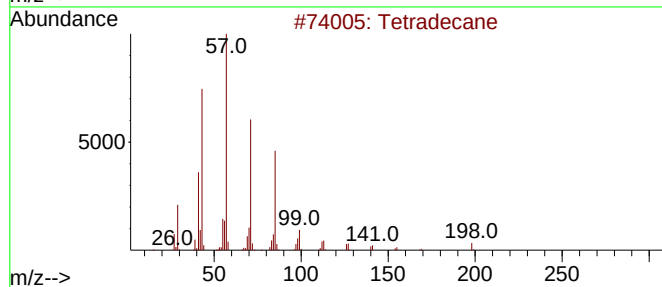
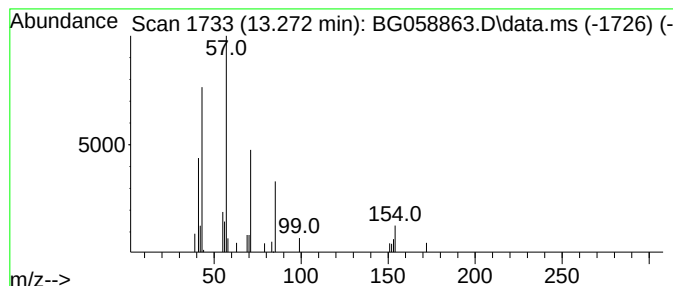
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.272	2.31 ng	29255	Acenaphthene-d10	14.453

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	59
2		Undecane	156	C11H24	001120-21-4	59
3		Heneicosane	296	C21H44	000629-94-7	59
4		Heptadecane	240	C17H36	000629-78-7	59
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



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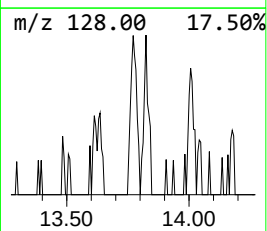
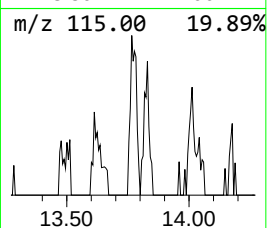
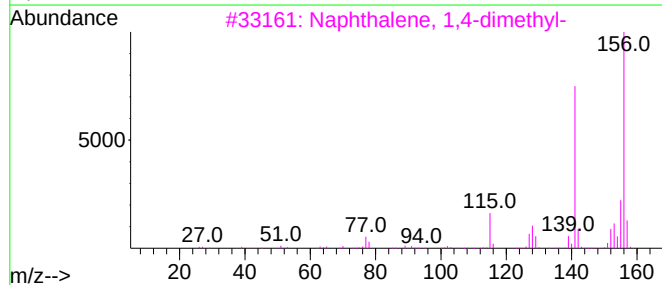
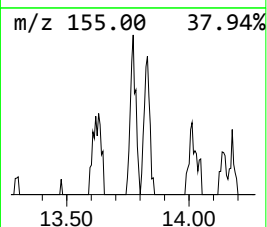
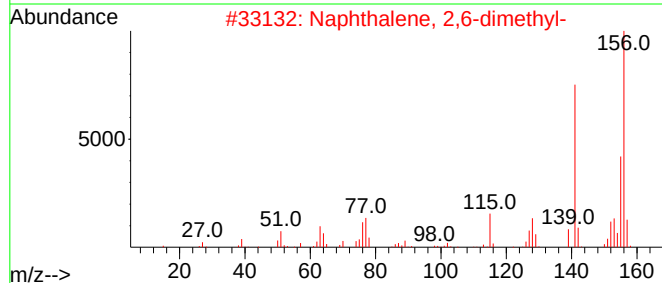
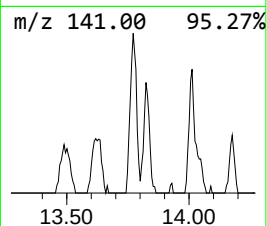
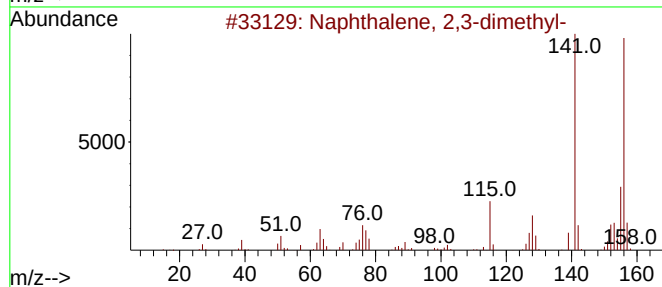
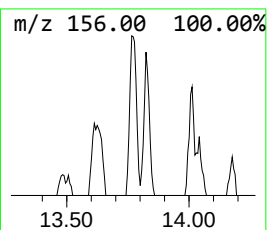
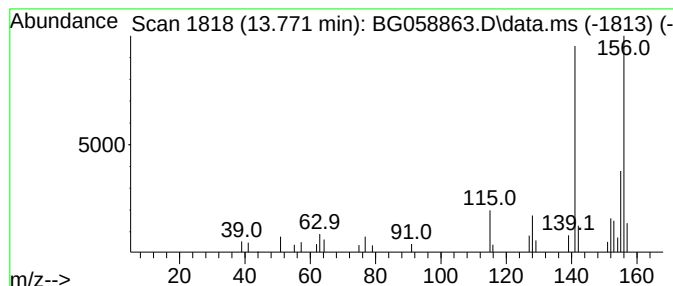
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.771	2.69 ng	34047	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-09(0-0.2)

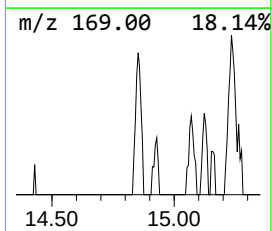
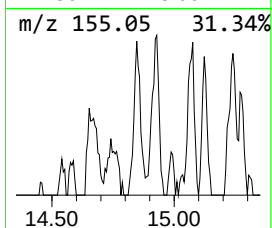
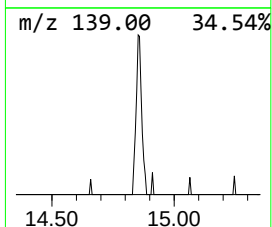
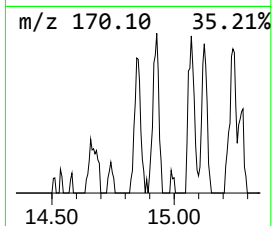
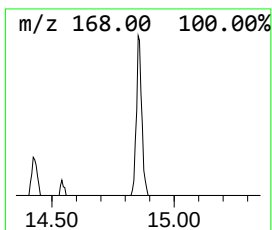
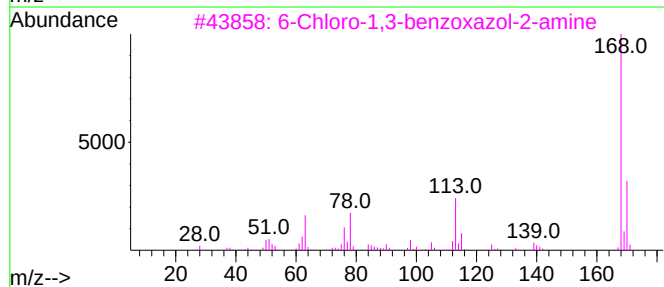
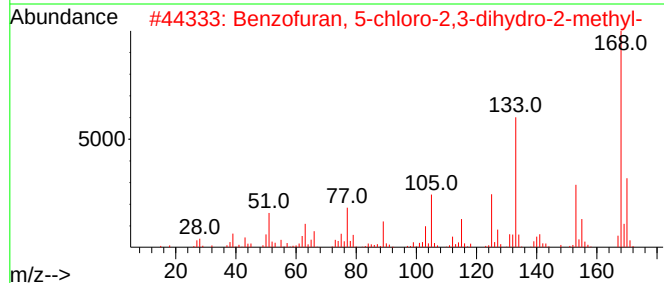
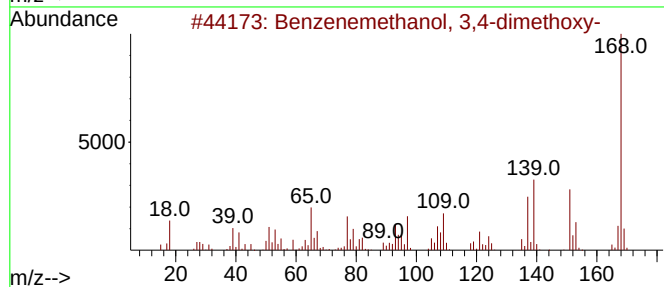
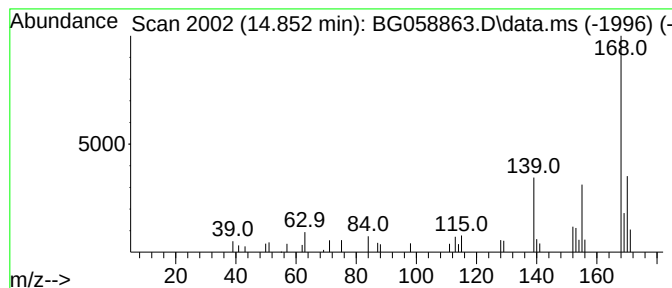
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzenemethanol, 3,4-dimeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.852	2.22 ng	28066	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	53
2			Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	52
3			6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	49
4			Dibenzofuran	168	C12H8O	000132-64-9	49
5			Diphenylmethane	168	C13H12	000101-81-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
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Instrument :
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ClientSampleId :
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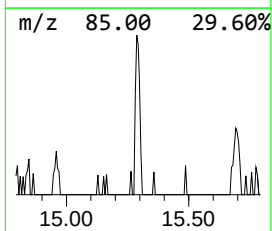
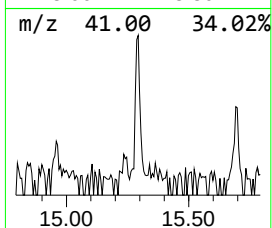
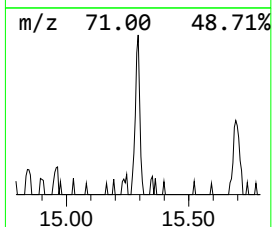
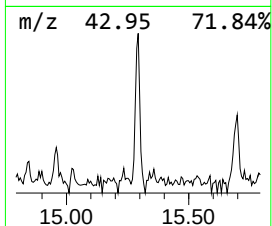
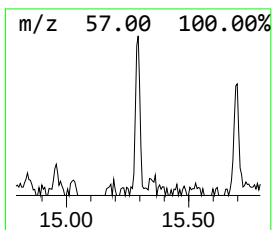
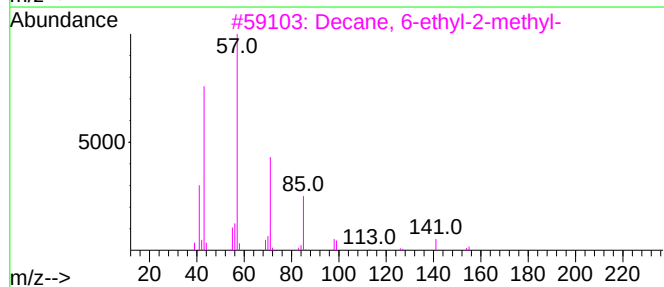
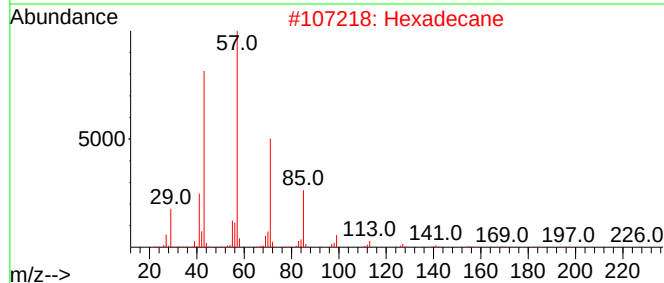
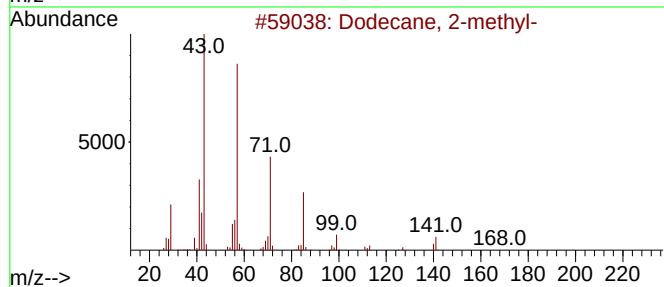
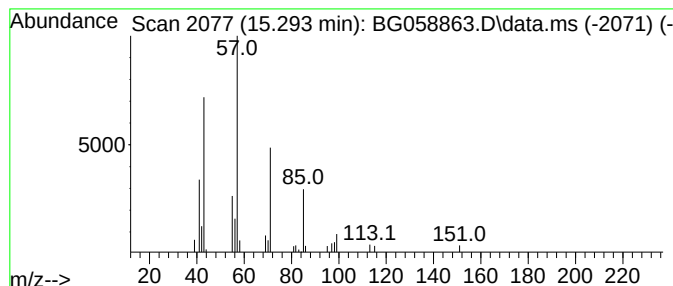
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	2.24 ng	28304	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2			Hexadecane	226	C16H34	000544-76-3	72
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4			Eicosane	282	C20H42	000112-95-8	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-09(0-0.2)

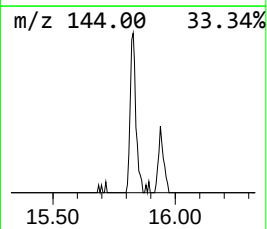
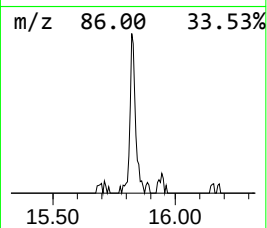
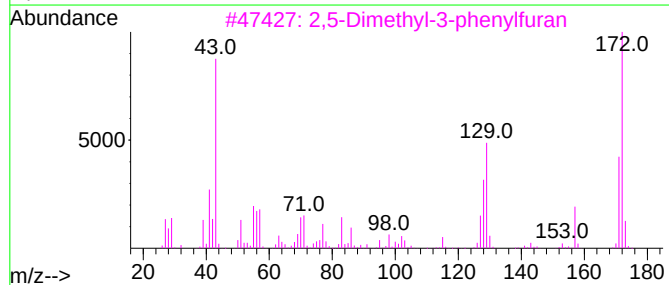
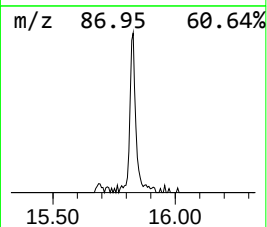
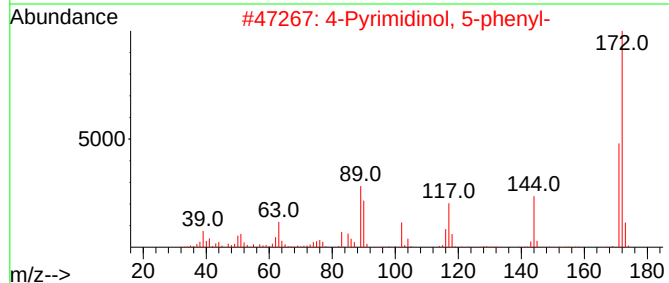
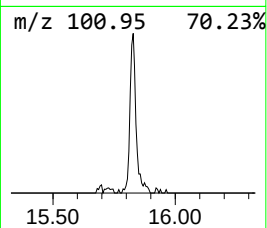
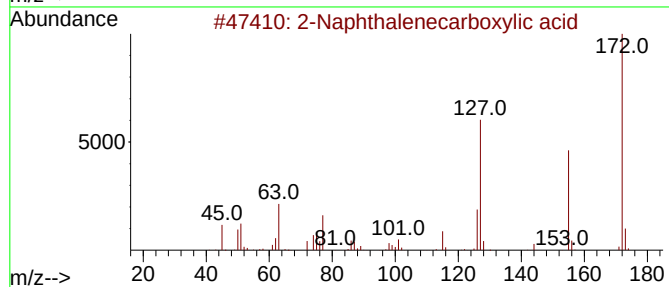
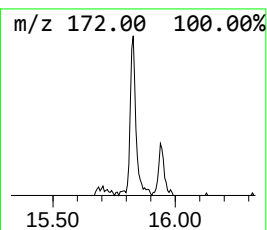
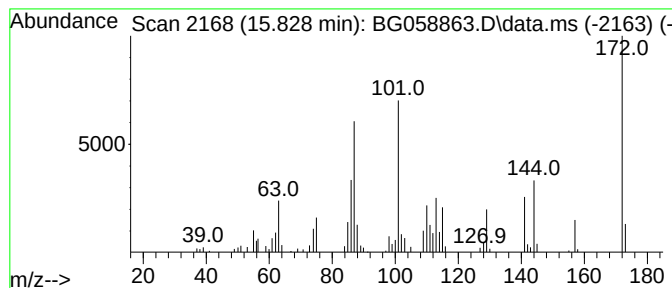
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown15.828 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	7.10 ng	107953	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	27	
2	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	27	
3	2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	18	
4	[1,2,5]Oxadiazolo[3,4-f]cinnoline	172	C8H4N4O	217491-04-8	16	
5	2,5-Difluoroanisole	144	C7H6F2O	075626-17-4	14	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

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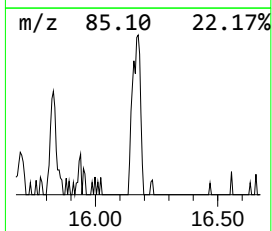
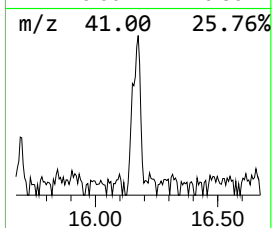
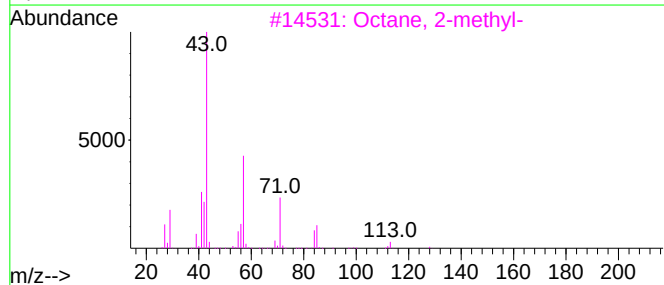
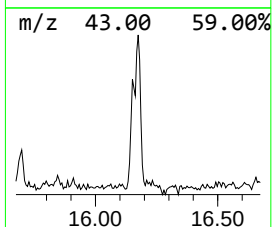
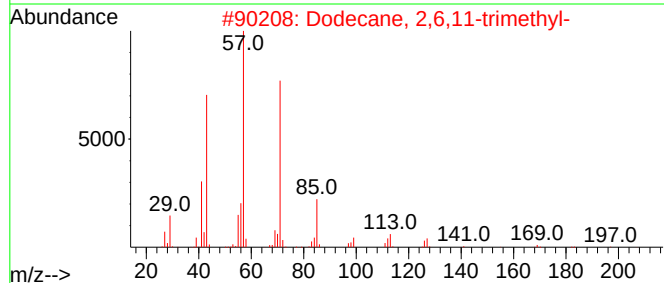
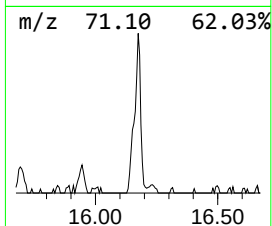
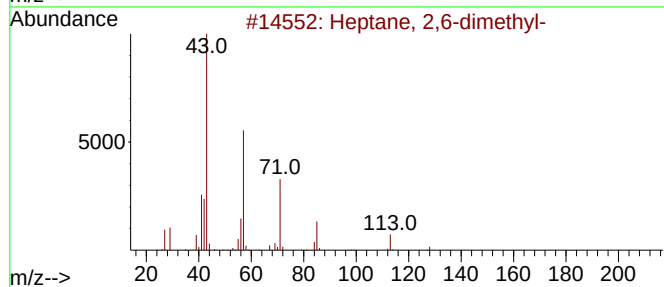
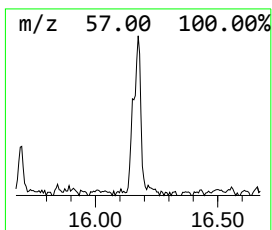
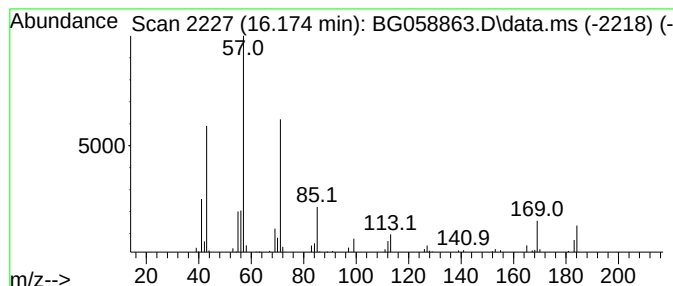
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	5.93 ng	90169	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3			Octane, 2-methyl-	128	C9H20	003221-61-2	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
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Instrument :
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ClientSampleId :
SS-TP-09(0-0.2)

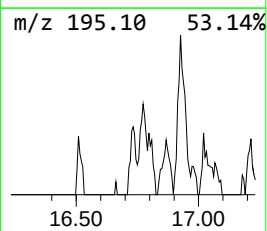
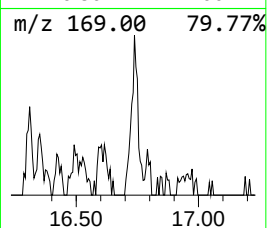
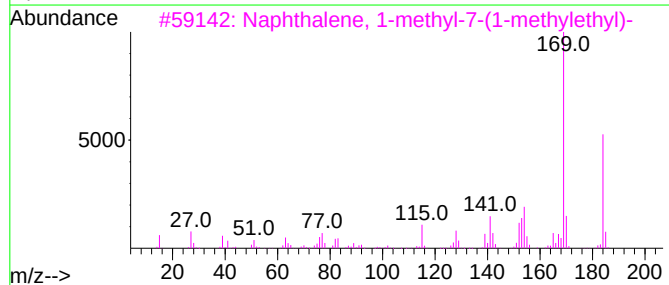
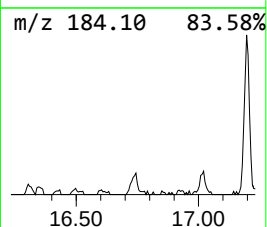
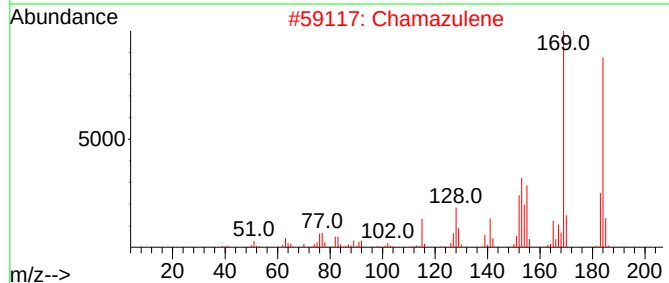
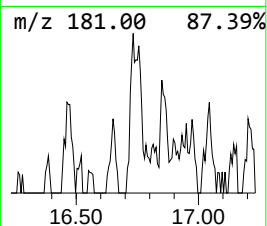
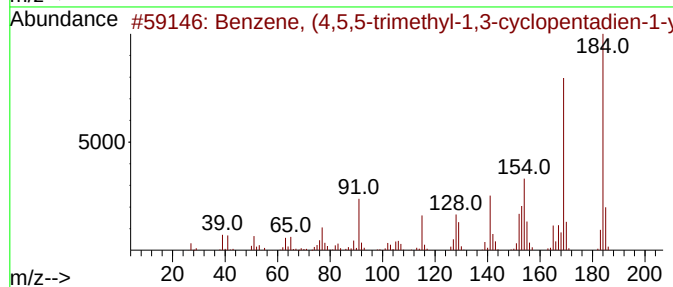
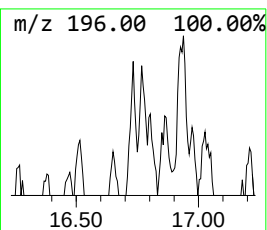
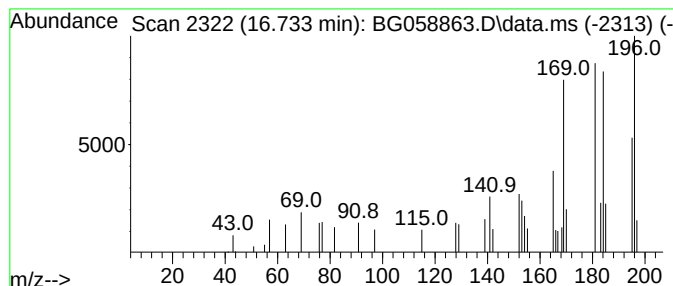
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (4,5,5-trimethyl-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.733	3.37 ng	51264	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	62
2			Chamazulene	184	C14H16	000529-05-5	50
3			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
4			1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	41
5			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
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ALS Vial : 16 Sample Multiplier: 1

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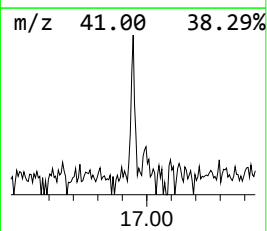
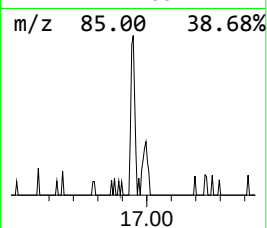
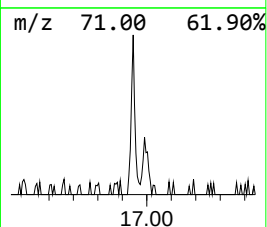
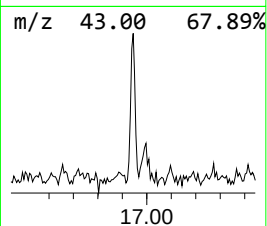
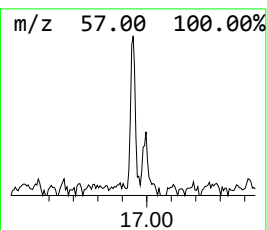
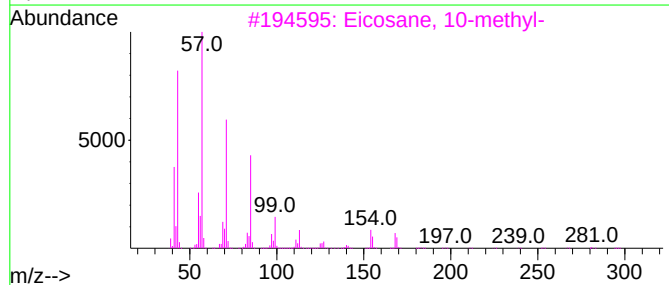
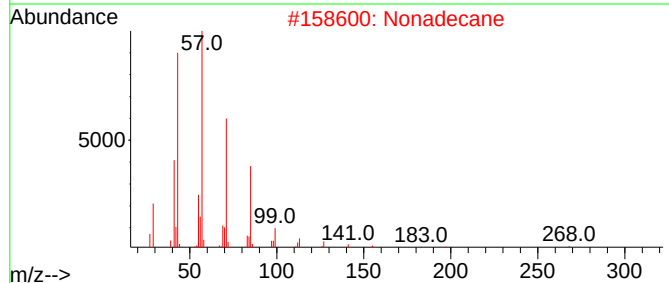
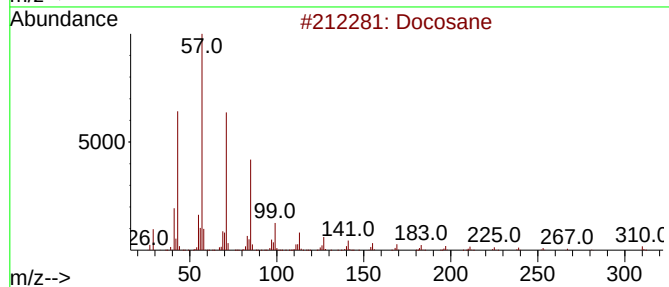
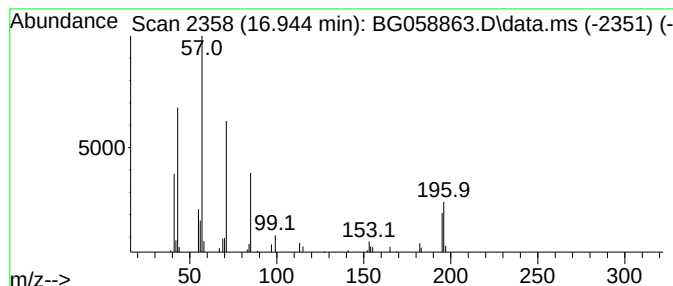
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.944	2.65 ng	40344	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	58
2			Nonadecane	268	C19H40	000629-92-5	52
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	52
4			Octacosane	394	C28H58	000630-02-4	52
5			Heptadecane	240	C17H36	000629-78-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SS-TP-09(0-0.2)

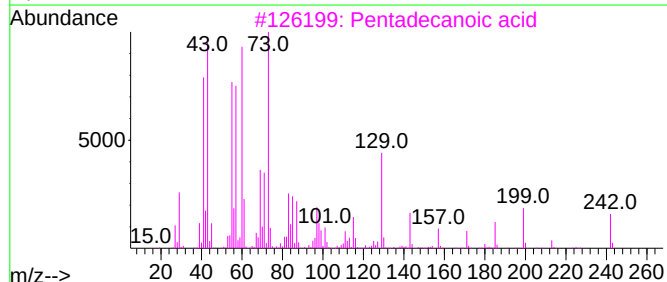
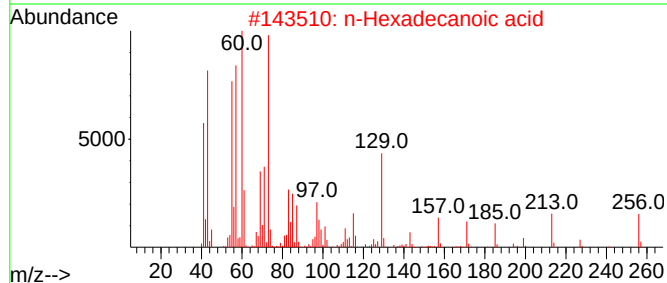
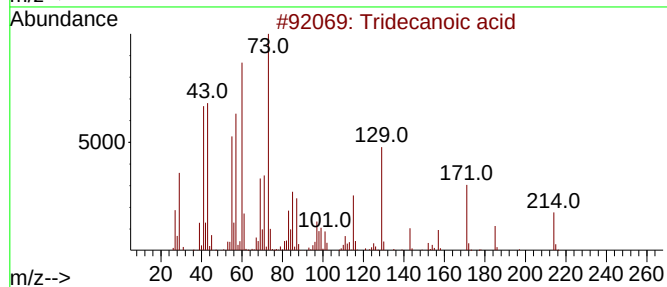
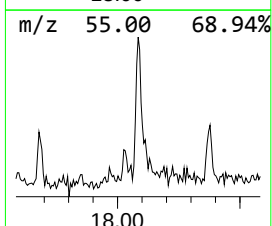
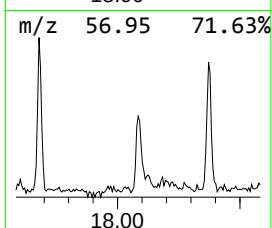
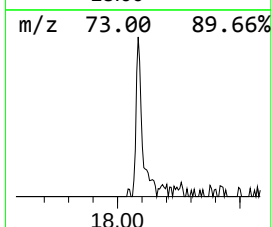
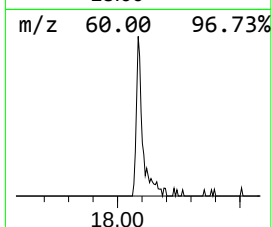
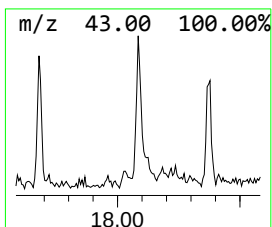
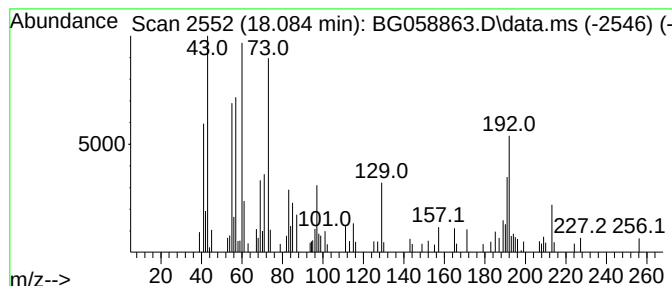
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	5.92 ng	90134	Phenanthrene-d10	17.197

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	64
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-09(0-0.2)

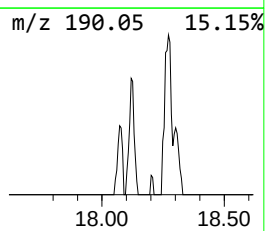
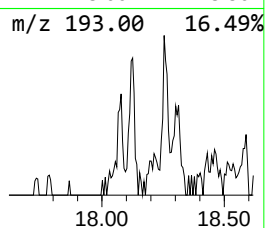
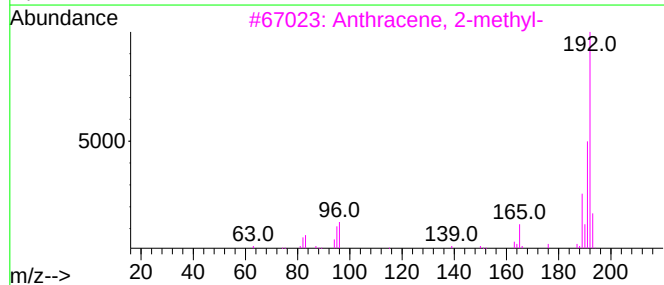
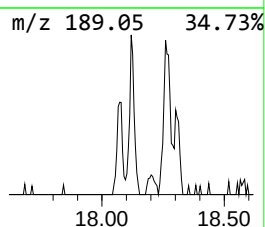
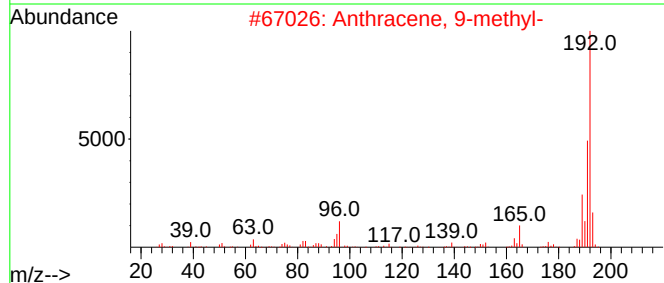
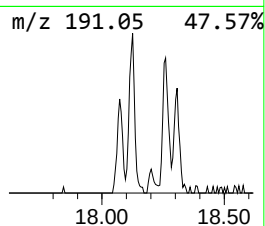
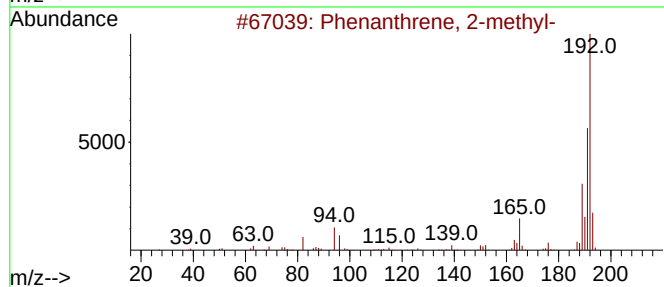
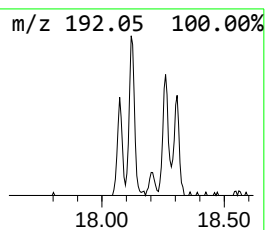
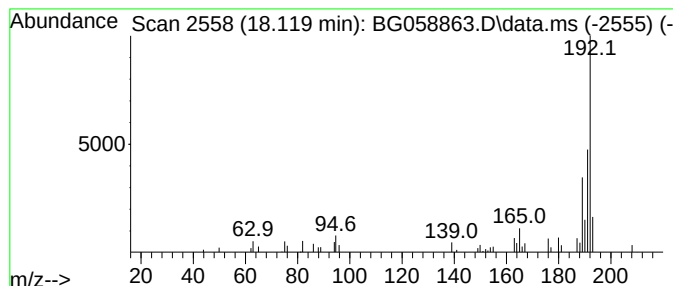
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	4.01 ng	61076	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-09(0-0.2)

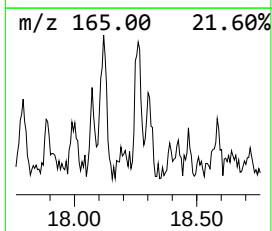
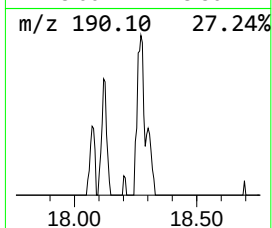
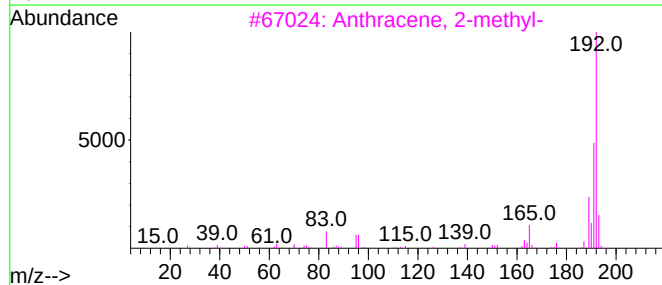
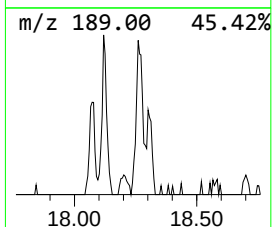
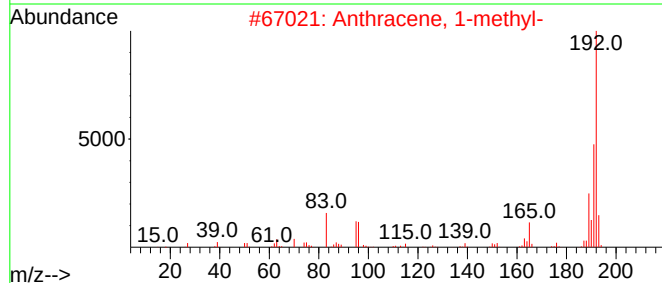
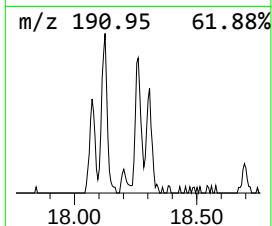
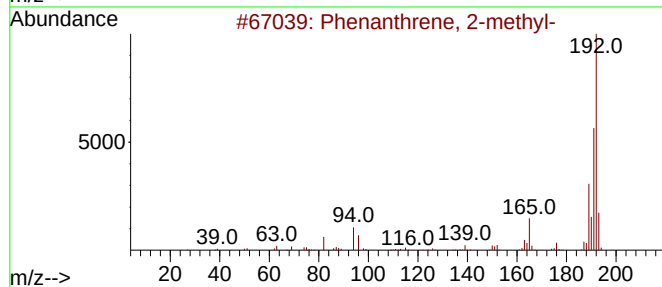
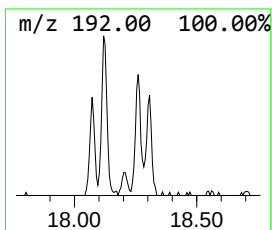
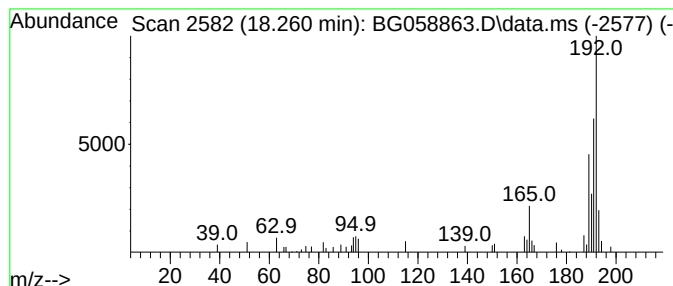
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	3.06 ng	46565	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-09(0-0.2)

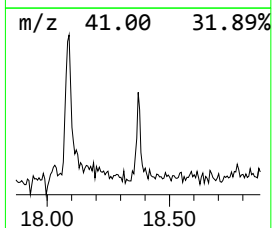
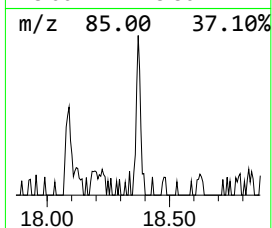
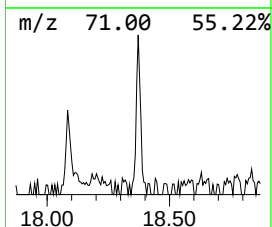
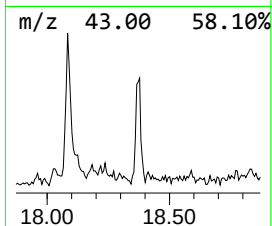
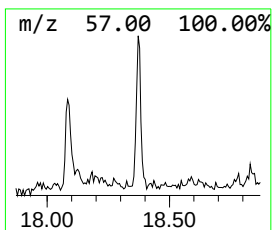
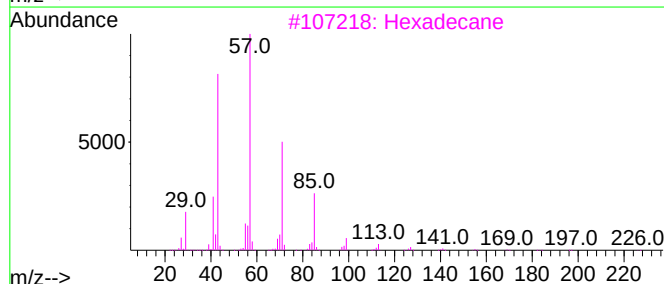
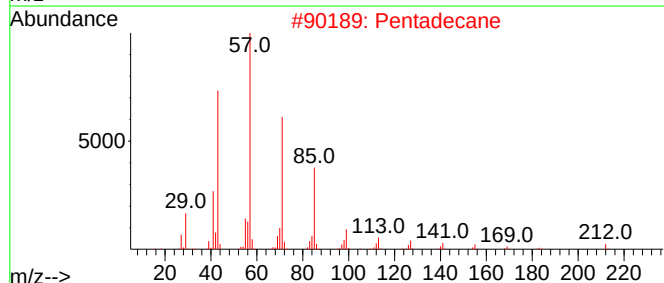
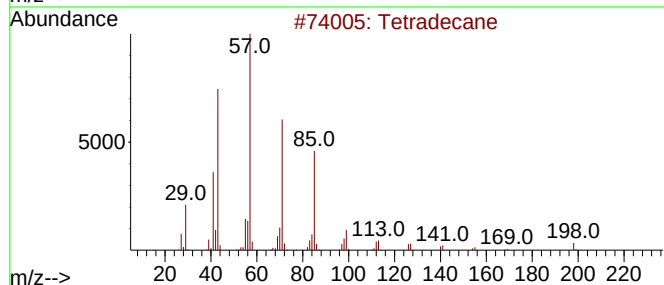
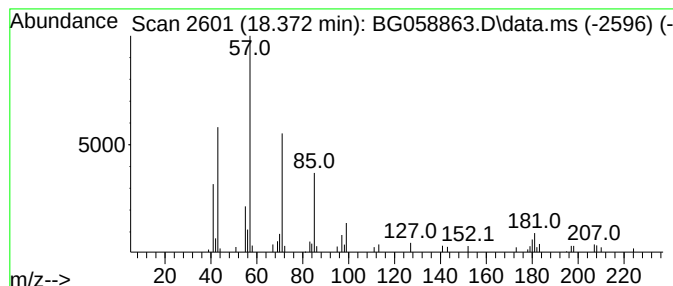
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	2.52 ng	38388	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			Pentadecane	212	C15H32	000629-62-9	64
3			Hexadecane	226	C16H34	000544-76-3	59
4			Heptacosane	380	C27H56	000593-49-7	59
5			Tetracosane	338	C24H50	000646-31-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
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Instrument :
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ClientSampleId :
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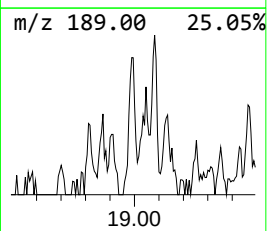
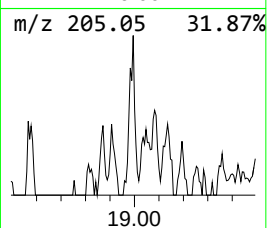
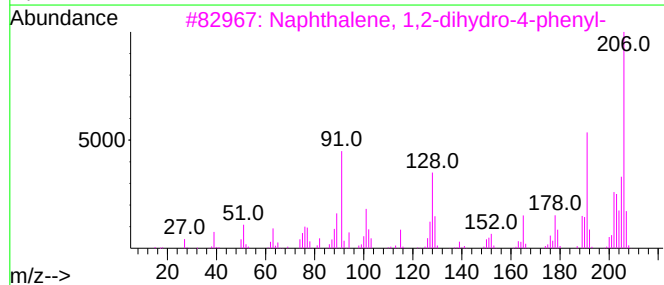
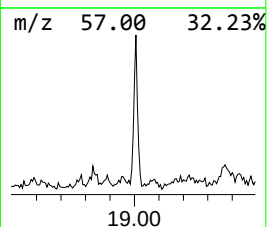
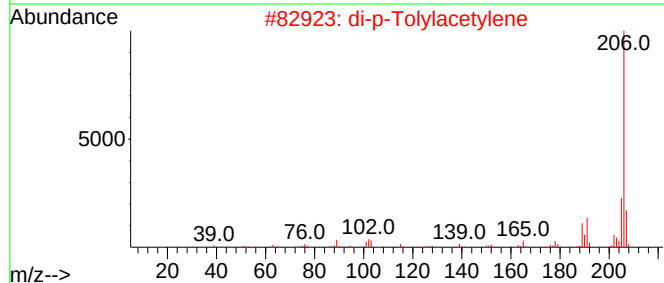
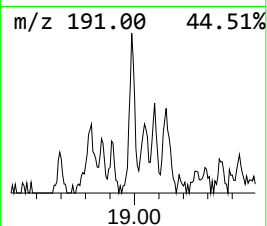
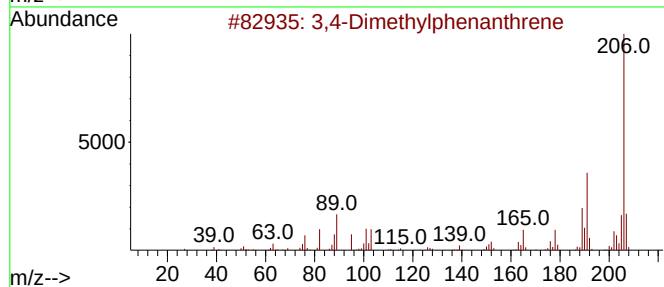
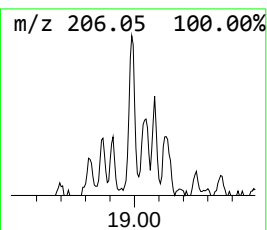
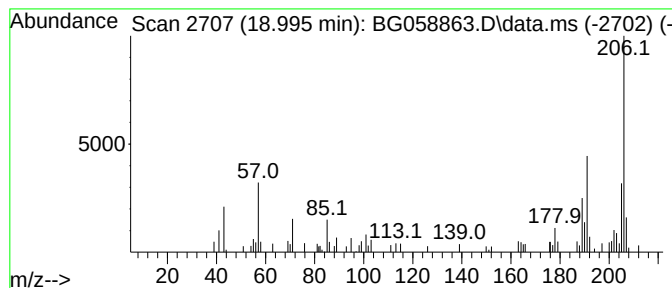
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.995	3.85 ng	58618	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
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ALS Vial : 16 Sample Multiplier: 1

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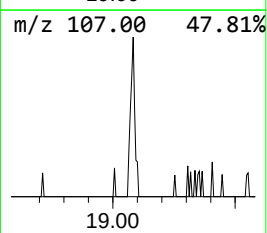
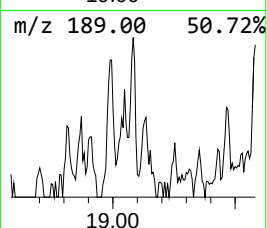
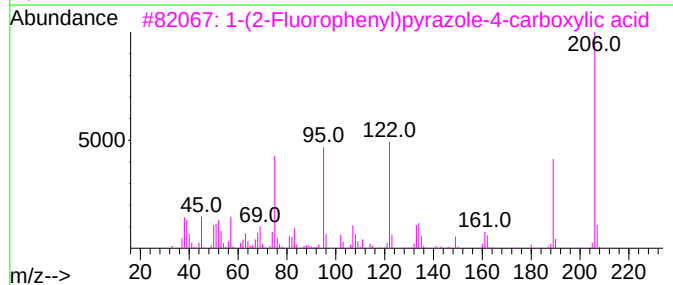
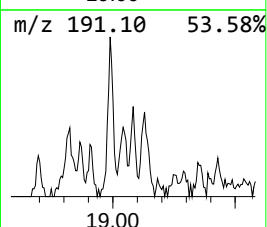
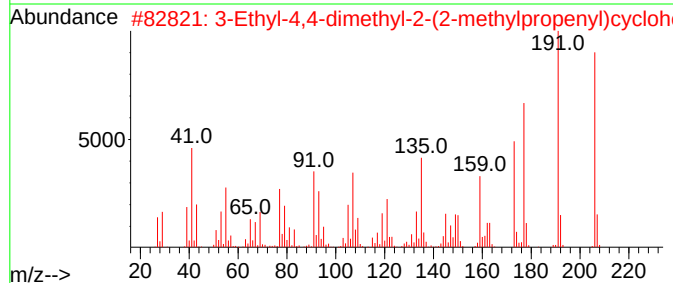
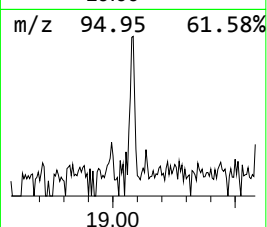
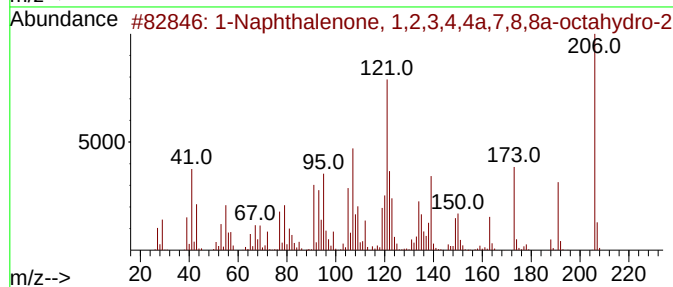
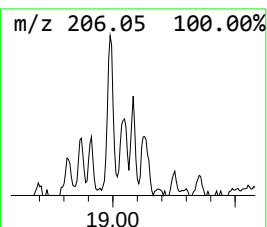
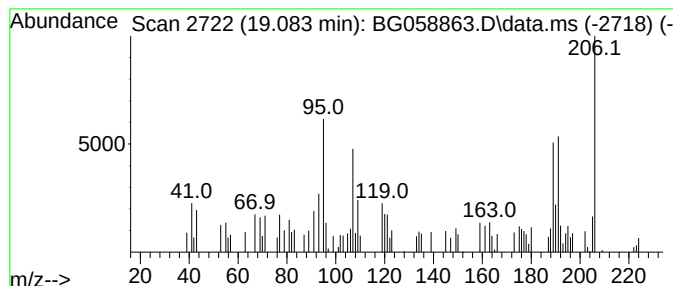
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown19.083 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.083	2.36 ng	35852	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenone, 1,2,3,4,4a,7,8,...	206	C14H22O	020454-85-7	49
2			3-Ethyl-4,4-dimethyl-2-(2-methyl...	206	C14H22O	097452-08-9	49
3			1-(2-Fluorophenyl)pyrazole-4-car...	206	C10H7FN2O2	1000387-97-3	46
4			1H-Pyrazole-4-carboxylic acid, 1...	206	C10H7FN2O2	1000351-30-5	43
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
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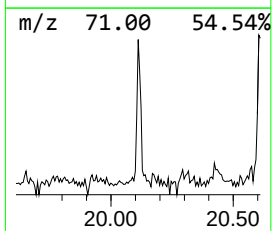
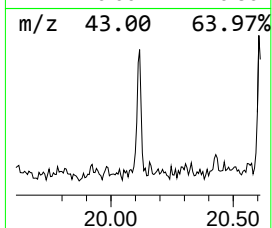
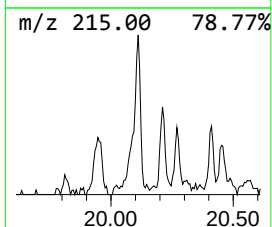
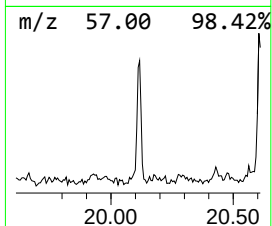
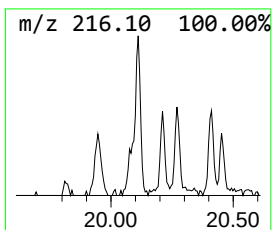
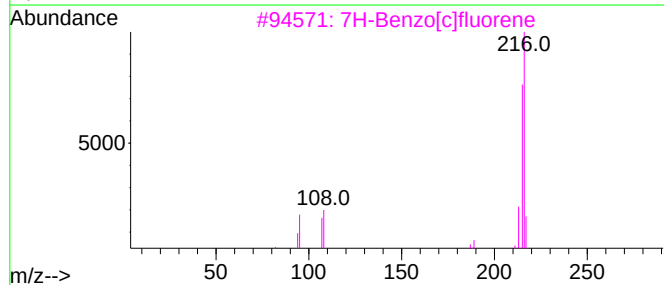
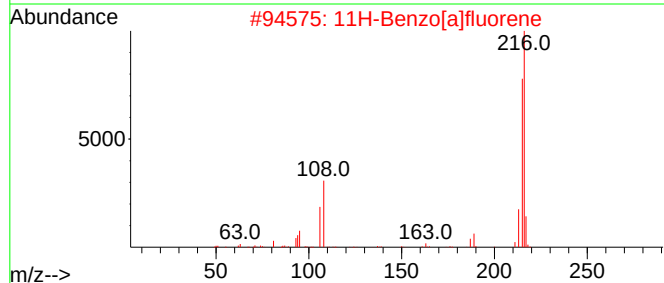
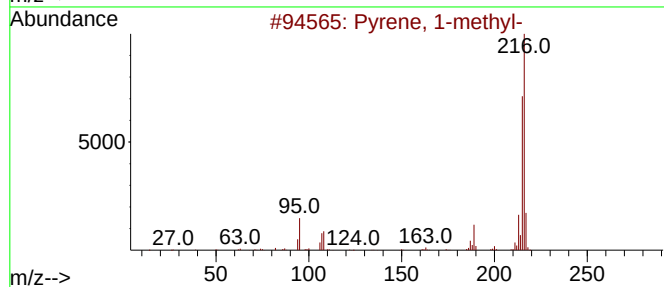
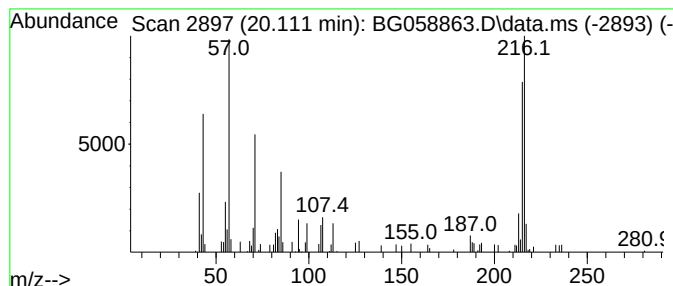
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.111	2.71 ng	60148	Chrysene-d12	21.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
5			Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-09(0-0.2)

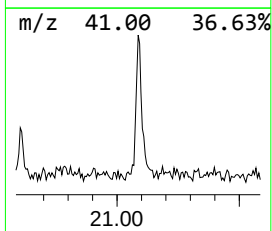
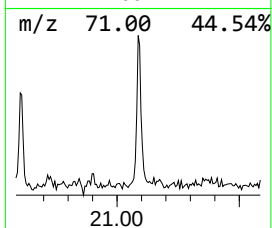
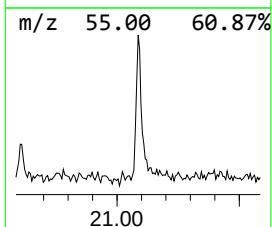
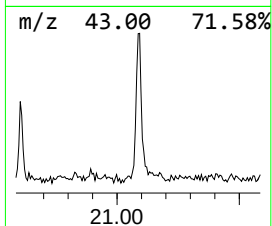
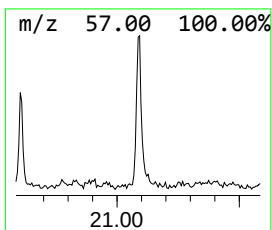
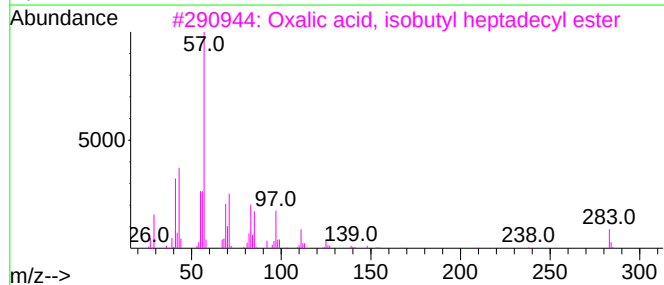
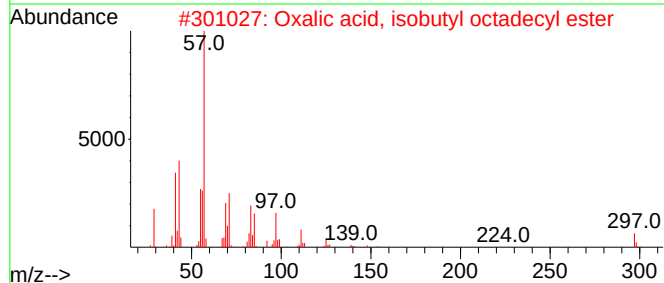
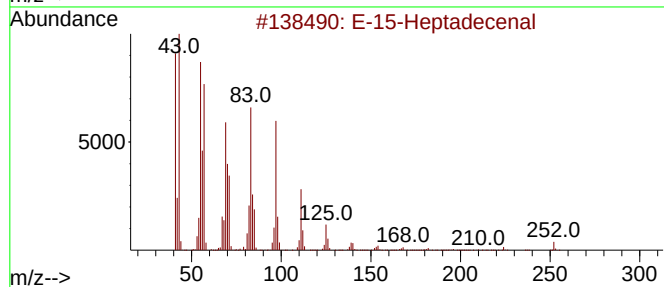
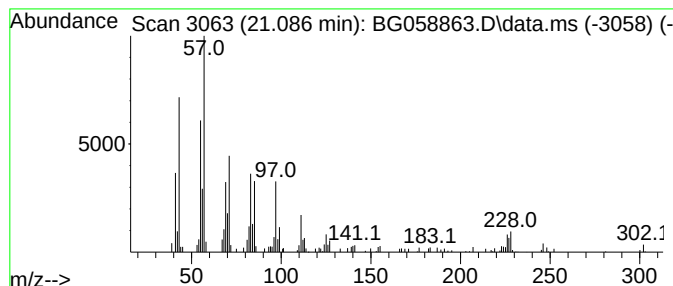
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	7.79 ng	172813	Chrysene-d12	21.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-09(0-0.2)

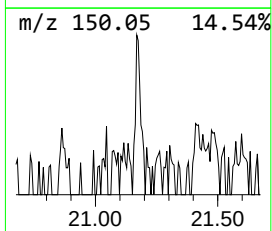
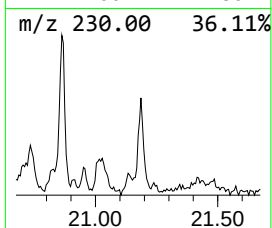
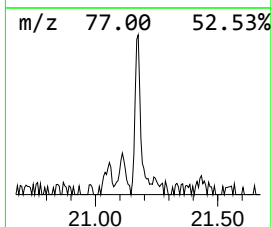
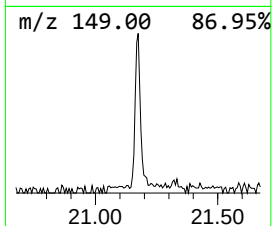
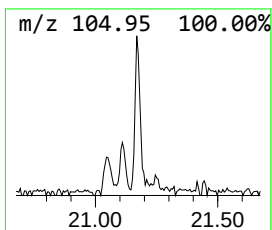
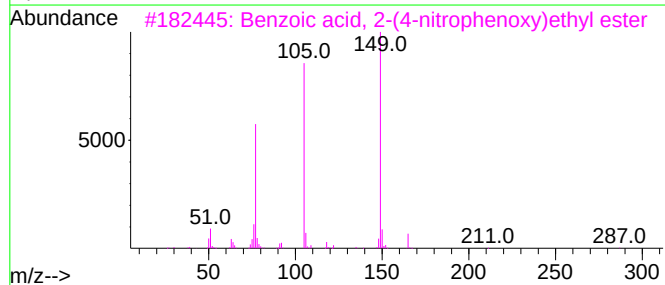
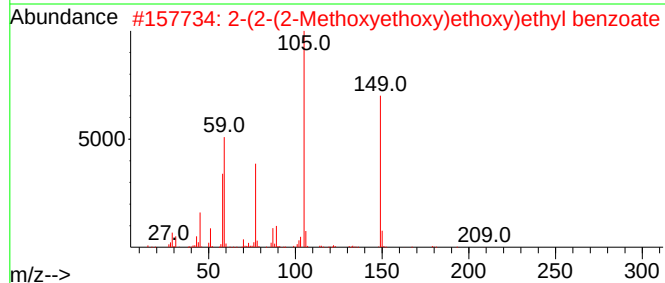
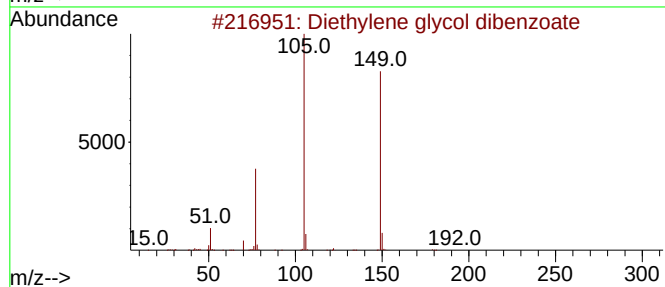
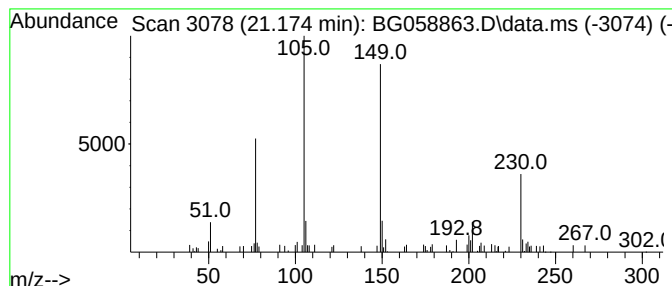
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Diethylene glycol dibenzoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	3.04 ng	67428	Chrysene-d12	21.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
2			2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	64
3			Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	64
4			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
5			2-(2-(2-Ethoxyethoxy)ethoxy)ethy...	282	C15H22O5	1000366-98-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-09(0-0.2)

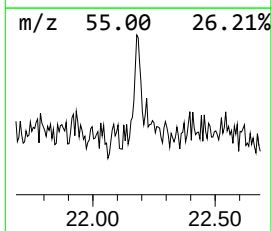
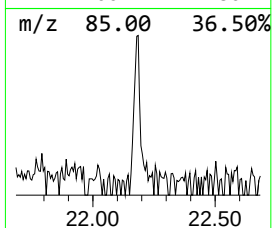
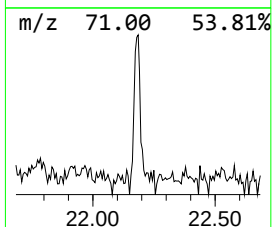
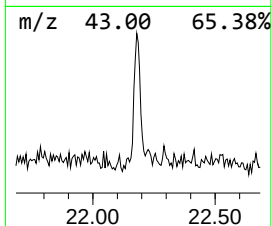
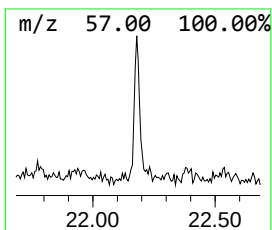
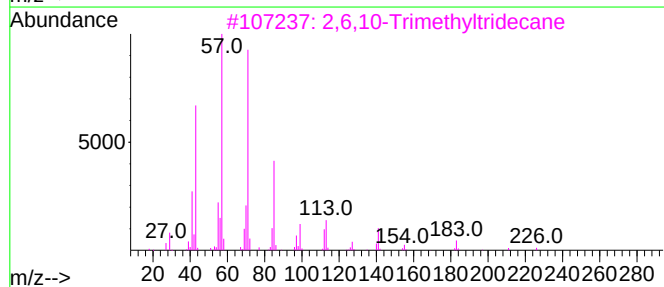
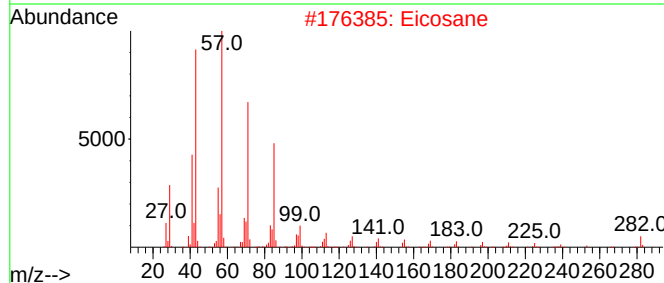
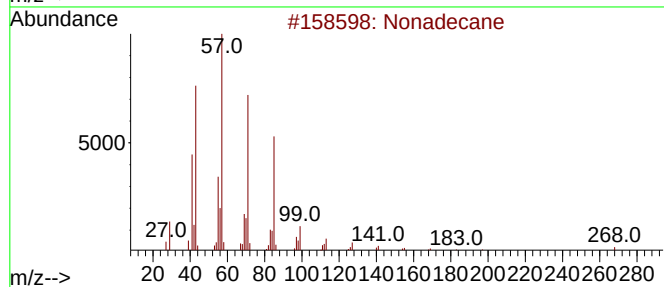
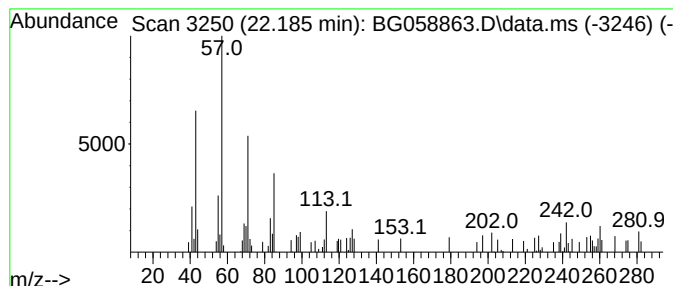
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.185	2.50 ng	55442	Chrysene-d12	21.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	60
2			Eicosane	282	C20H42	000112-95-8	60
3			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	55
4			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	50
5			Pentadecane, 3-methyl-	226	C16H34	002882-96-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058863.D
Acq On : 26 Aug 2023 00:14
Operator : MA/JU
Sample : 04110-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-TP-09(0-0.2)

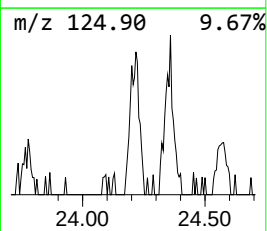
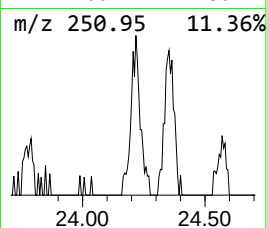
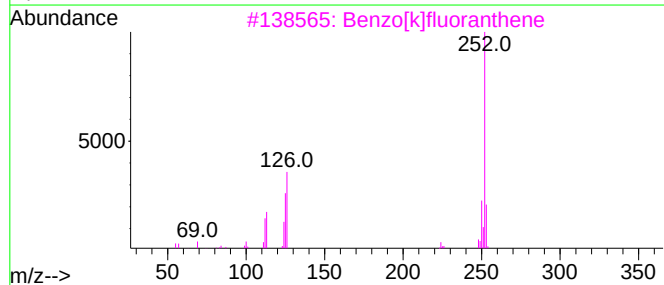
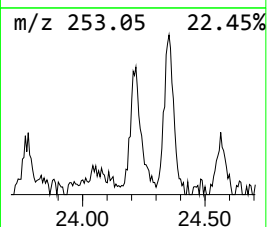
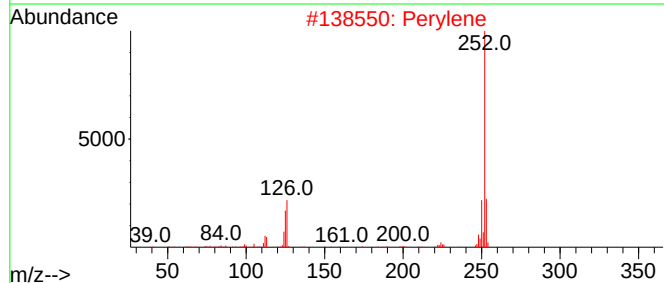
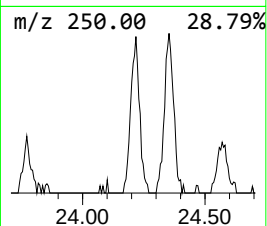
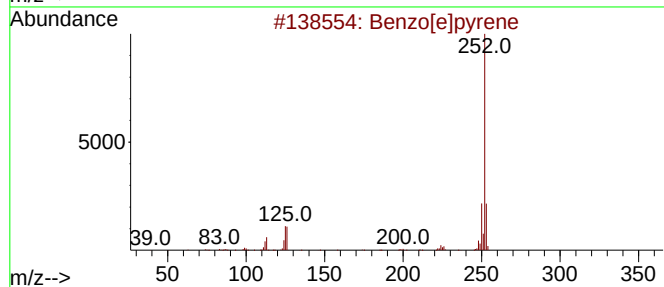
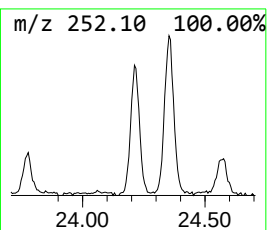
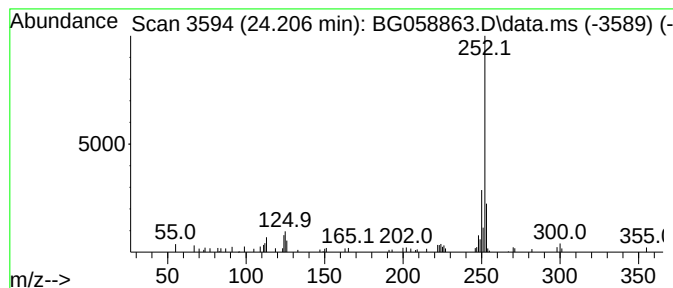
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.206	4.11 ng	74178	Perylene-d12	24.500

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	90
2		Perylene	252	C20H12	000198-55-0	89
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
5		Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058863.D
 Acq On : 26 Aug 2023 00:14
 Operator : MA/JU
 Sample : 04110-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-09(0-0.2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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
o-Xylene	5.810	2.4	ng	16244	1	7.802	136573	20.0
Tetradecane	13.272	2.3	ng	29255	3	14.453	252777	20.0
Naphthalene, 2,...	13.771	2.7	ng	34047	3	14.453	252777	20.0
Benzenemethanol...	14.852	2.2	ng	28066	3	14.453	252777	20.0
Dodecane, 2-met...	15.293	2.2	ng	28304	3	14.453	252777	20.0
unknown15.828	15.828	7.1	ng	107953	4	17.197	304299	20.0
Heptane, 2,6-di...	16.174	5.9	ng	90169	4	17.197	304299	20.0
Benzene, (4,5,5...	16.733	3.4	ng	51264	4	17.197	304299	20.0
Docosane	16.944	2.6	ng	40344	4	17.197	304299	20.0
Tridecanoic acid	18.084	5.9	ng	90134	4	17.197	304299	20.0
Phenanthrene, 2...	18.119	4.0	ng	61076	4	17.197	304299	20.0
Anthracene, 1-m...	18.260	3.1	ng	46565	4	17.197	304299	20.0
Pentadecane	18.372	2.5	ng	38388	4	17.197	304299	20.0
3,4-Dimethylphe...	18.995	3.9	ng	58618	4	17.197	304299	20.0
unknown19.083	19.083	2.4	ng	35852	4	17.197	304299	20.0
Pyrene, 1-methyl-	20.111	2.7	ng	60148	5	21.439	443625	20.0
E-15-Heptadecenal	21.086	7.8	ng	172813	5	21.439	443625	20.0
Diethylene glyc...	21.174	3.0	ng	67428	5	21.439	443625	20.0
Nonadecane	22.185	2.5	ng	55442	5	21.439	443625	20.0
Benzo[e]pyrene	24.206	4.1	ng	74178	6	24.500	361041	20.0