

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058667.D
 Acq On : 9 Aug 2023 20:44
 Operator : MA/JU
 Sample : 03945-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB01-Z88-90

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-BG072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	305	310	316	rVB	25762	37504	1.68%	0.297%
2	5.386	384	391	406	rBV	556318	881828	39.45%	6.978%
3	6.984	656	663	680	rBV	543980	943762	42.22%	7.468%
4	7.812	797	804	814	rBV	131120	222308	9.95%	1.759%
5	8.976	994	1002	1018	rBV	294807	558187	24.97%	4.417%
6	10.615	1271	1281	1287	rBV	177324	338491	15.14%	2.679%
7	10.662	1287	1289	1296	rVB	24873	39210	1.75%	0.310%
8	12.501	1595	1602	1609	rVB	36175	62502	2.80%	0.495%
9	13.077	1693	1700	1712	rBV	878413	1348818	60.35%	10.674%
10	13.641	1787	1796	1804	rVB4	11346	26153	1.17%	0.207%
11	13.782	1810	1820	1826	rBV2	26264	47433	2.12%	0.375%
12	13.917	1836	1843	1851	rBV	72841	114825	5.14%	0.909%
13	14.458	1926	1935	1941	rBV	339272	535375	23.95%	4.237%
14	14.522	1941	1946	1955	rVB	71076	117842	5.27%	0.933%
15	15.950	2179	2189	2209	rBV	724096	1225481	54.83%	9.698%
16	16.508	2277	2284	2289	rBV4	12810	28193	1.26%	0.223%
17	17.025	2363	2372	2380	rVB2	16810	34117	1.53%	0.270%
18	17.201	2396	2402	2407	rBV	456010	721116	32.26%	5.707%
19	17.243	2407	2409	2419	rVV	163297	235317	10.53%	1.862%
20	17.337	2419	2425	2431	rVV	46900	77632	3.47%	0.614%
21	18.083	2543	2552	2556	rBV	49319	92101	4.12%	0.729%
22	18.130	2556	2560	2569	rVV2	40755	77415	3.46%	0.613%
23	18.212	2569	2574	2579	rVV2	20461	33189	1.48%	0.263%
24	18.277	2579	2585	2589	rVV2	53849	111219	4.98%	0.880%
25	18.312	2589	2591	2597	rVB2	31692	41722	1.87%	0.330%
26	18.582	2633	2637	2643	rBV2	14049	23506	1.05%	0.186%
27	18.999	2702	2708	2713	rBV2	29390	50651	2.27%	0.401%
28	19.058	2713	2718	2722	rBV6	11934	24030	1.08%	0.190%
29	19.264	2746	2753	2760	rBV	82843	122240	5.47%	0.967%
30	19.411	2775	2778	2790	rVB	25077	41512	1.86%	0.329%
31	19.622	2805	2814	2823	rBV	104473	171675	7.68%	1.359%
32	19.822	2842	2848	2859	rVB	1761744	2235141	100.00%	17.688%
33	19.957	2864	2871	2880	rVB5	11384	29174	1.31%	0.231%
34	20.116	2895	2898	2904	rVB2	29474	45085	2.02%	0.357%
35	20.216	2912	2915	2920	rVB2	18626	25829	1.16%	0.204%
36	20.274	2920	2925	2929	rBV2	16893	23603	1.06%	0.187%

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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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.462	2953	2957	2968	rVB2	18476	34931	1.56%	0.276%
38	21.103	3061	3066	3069	rBV3	29253	56184	2.51%	0.445%
39	21.444	3116	3124	3130	rBV	478687	830022	37.14%	6.568%
40	22.196	3250	3252	3262	rVB8	10276	22511	1.01%	0.178%
41	22.842	3356	3362	3375	rVB3	36991	82642	3.70%	0.654%
42	24.375	3617	3623	3632	rVB3	13409	36135	1.62%	0.286%
43	24.516	3636	3647	3664	rBV2	267017	829993	37.13%	6.568%

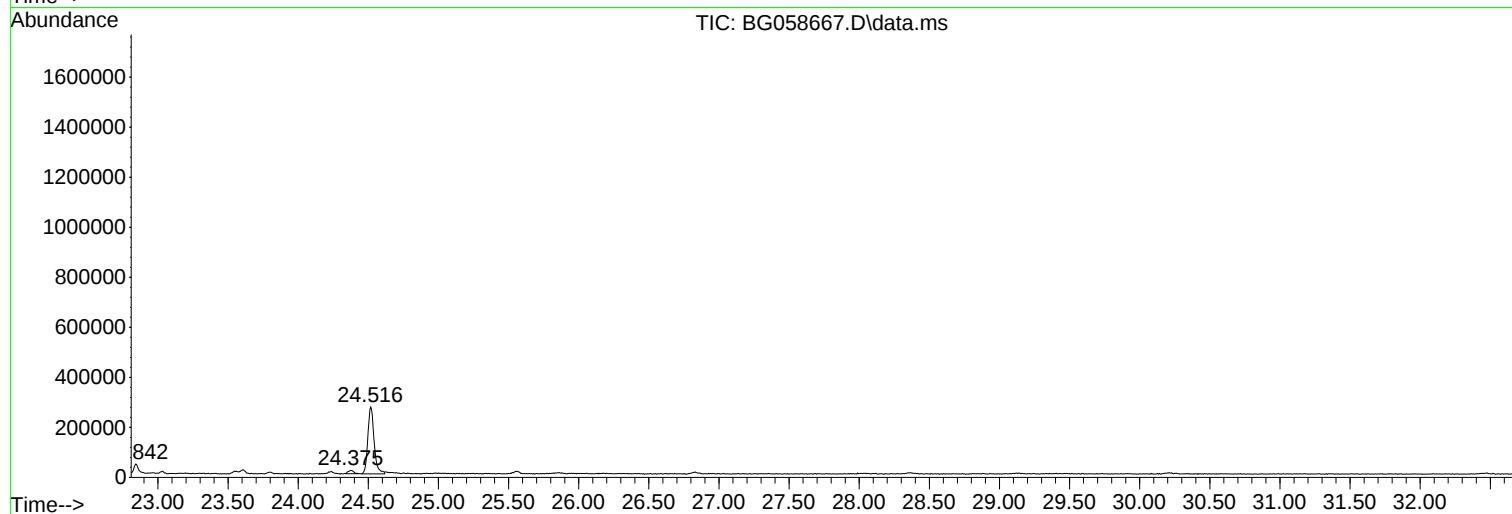
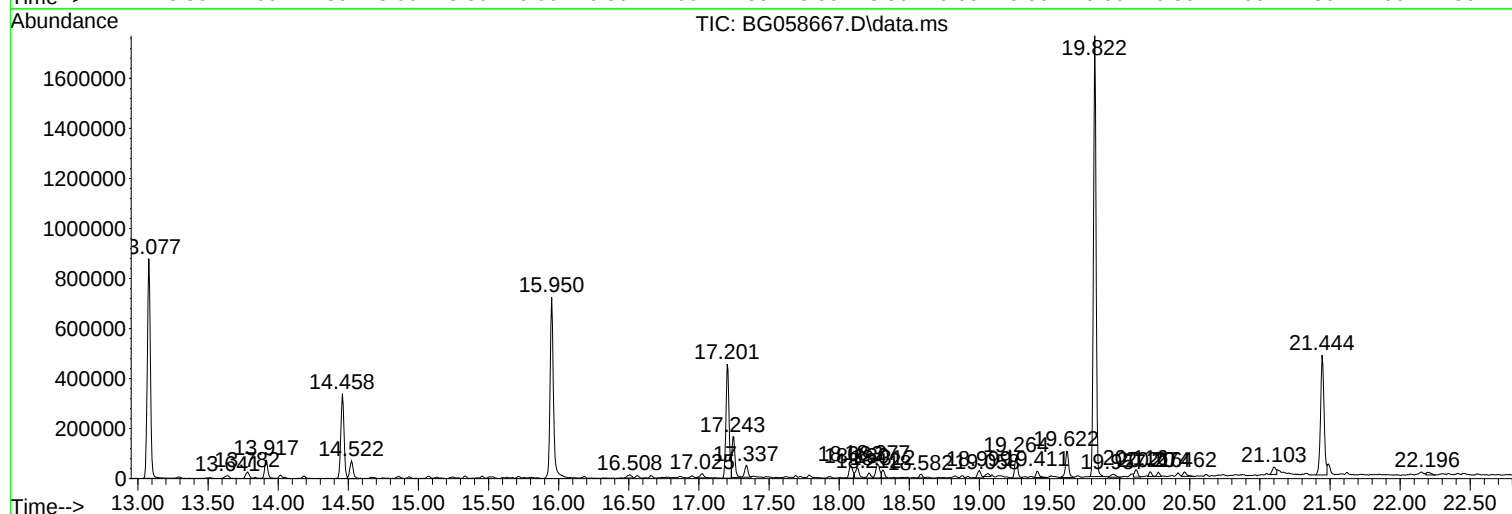
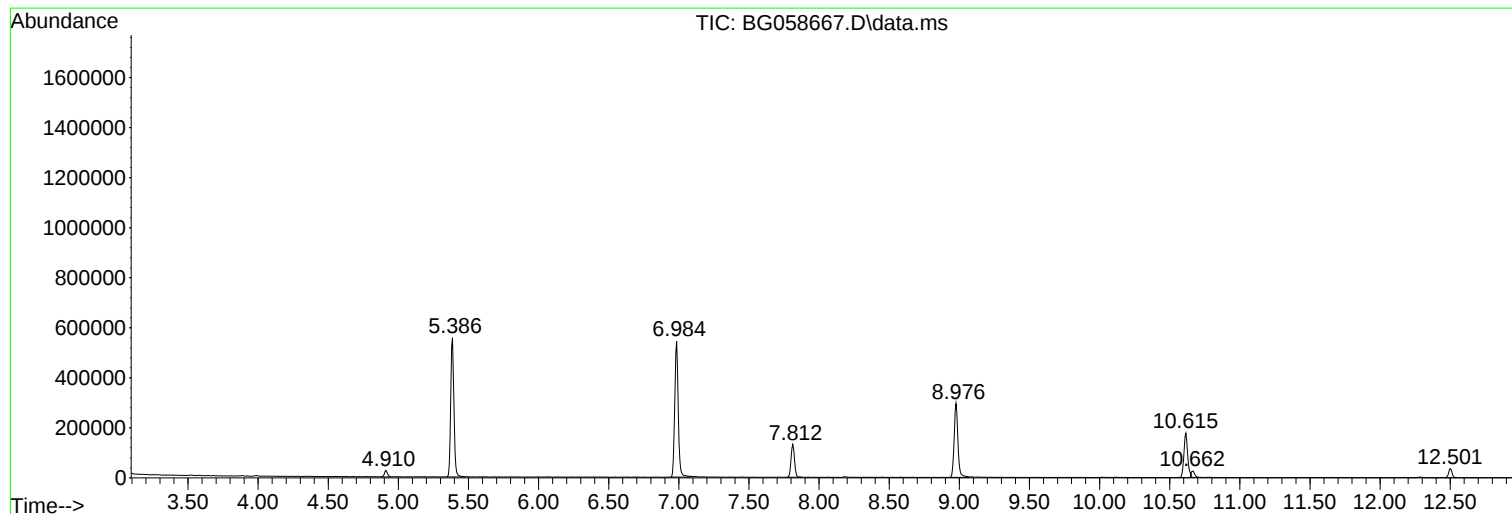
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 11 Sample Multiplier: 1

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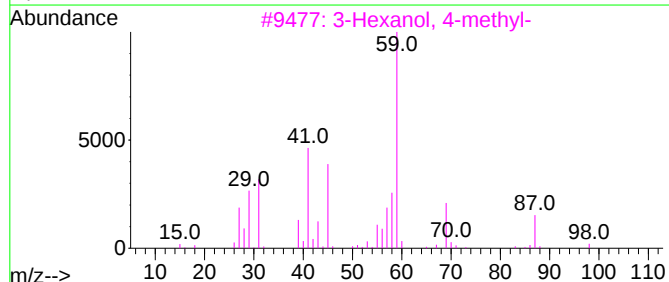
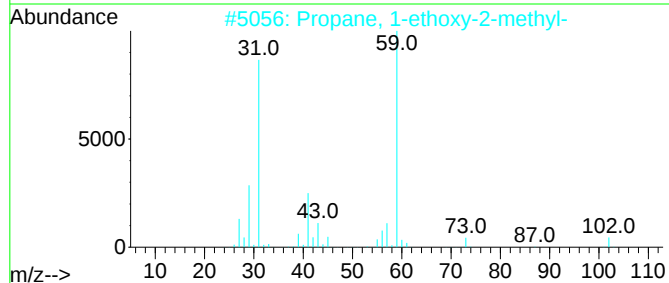
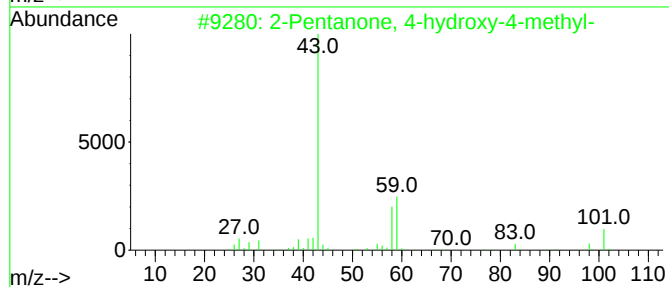
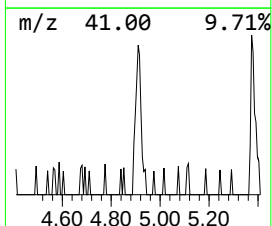
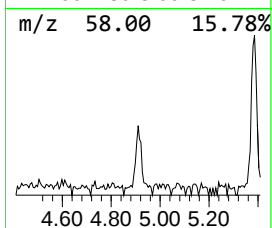
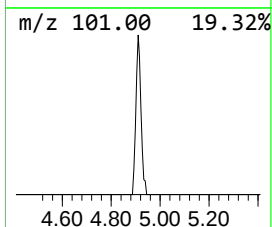
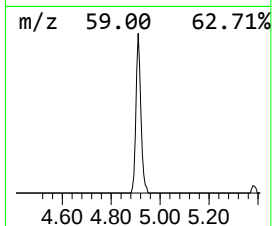
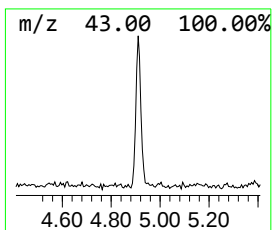
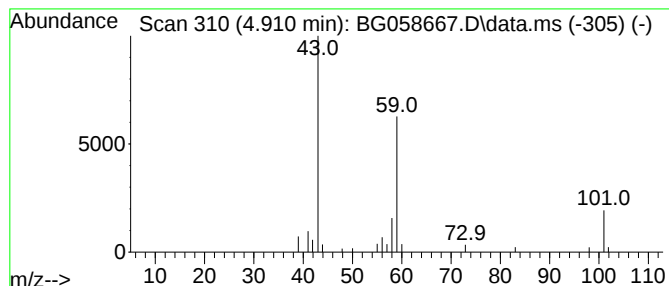
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	3.37 ng	37504	1,4-Dichlorobenzene-d4	7.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23	
4	Hexanamide	115	C6H13NO	000628-02-4	17	
5	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	10	



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Misc :
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Instrument :
BNA_G
ClientSampleId :
NEVINS-SB01-Z88-90

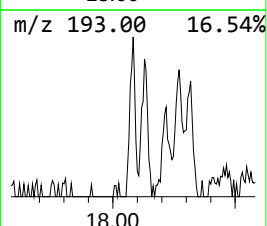
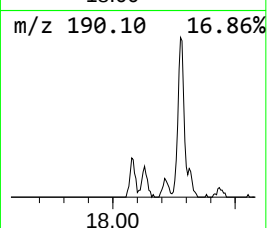
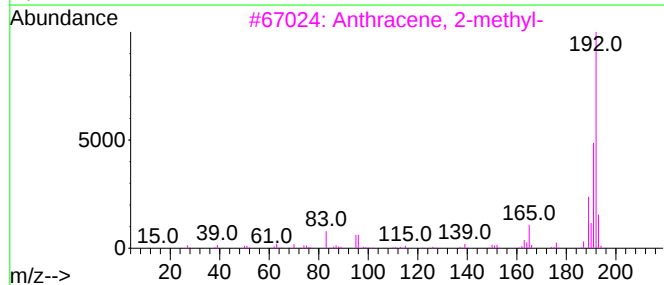
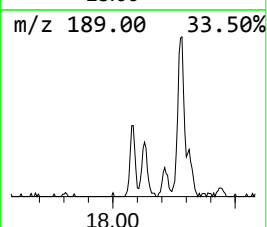
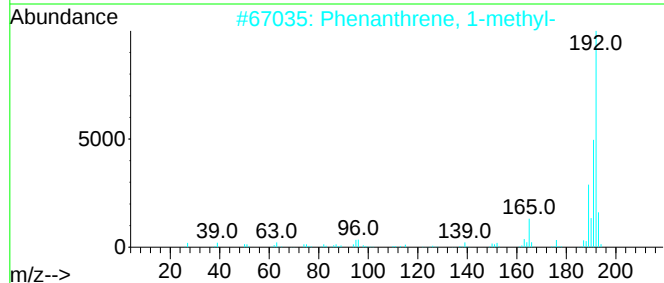
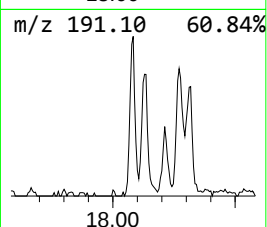
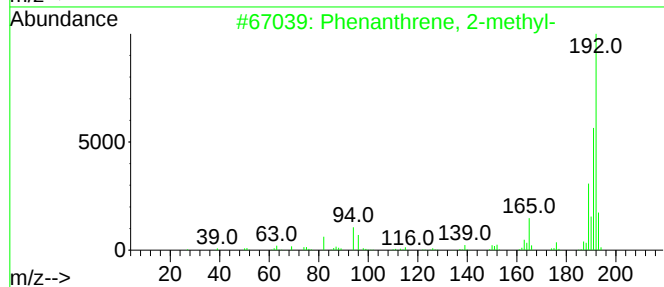
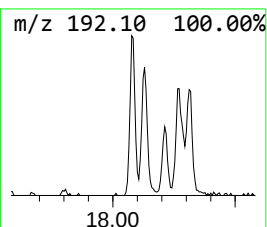
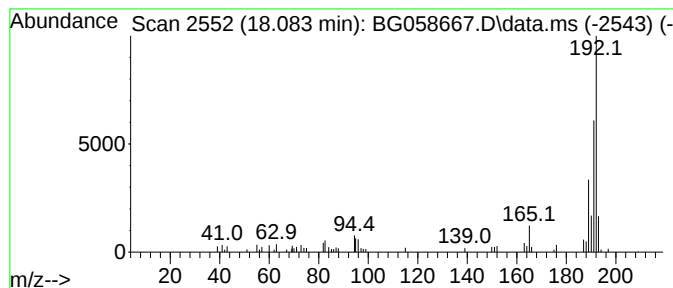
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	2.55 ng	92101	Phenanthrene-d10	17.201

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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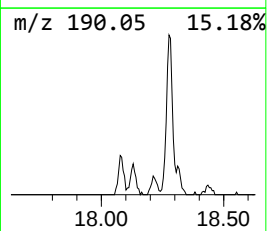
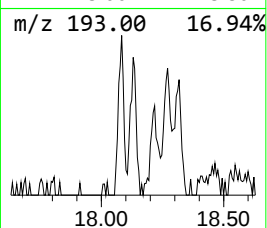
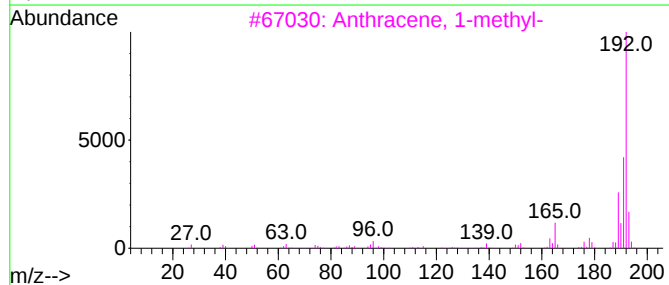
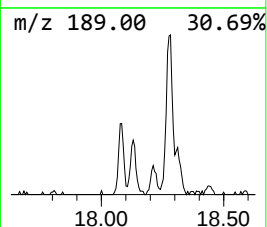
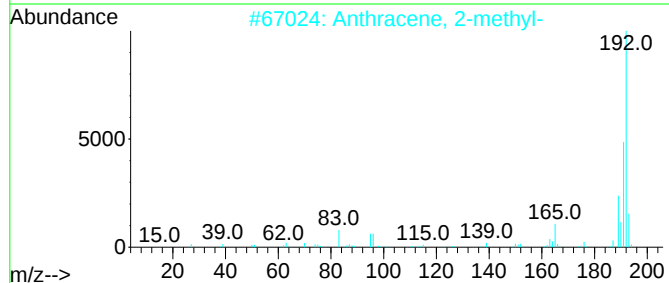
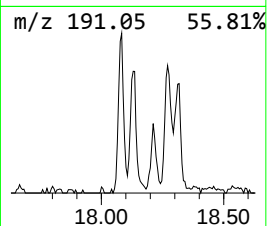
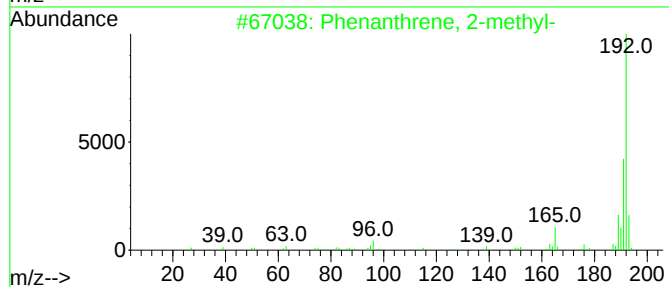
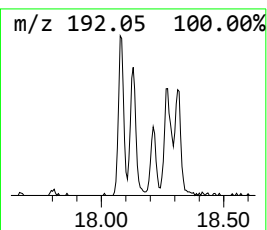
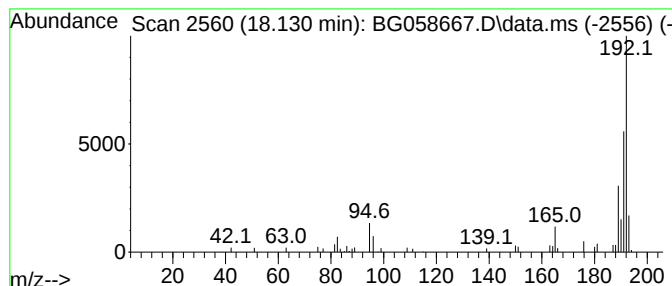
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	2.15 ng	77415	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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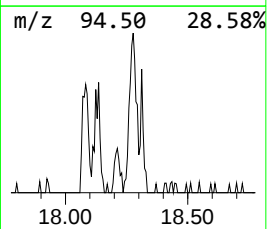
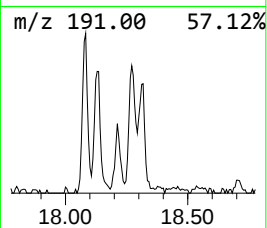
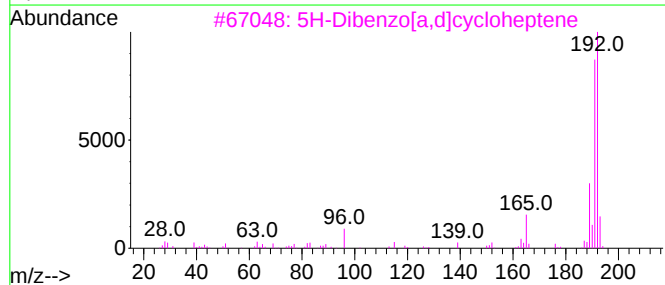
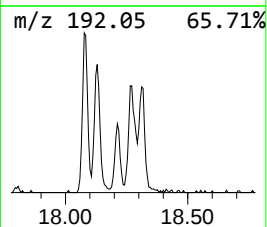
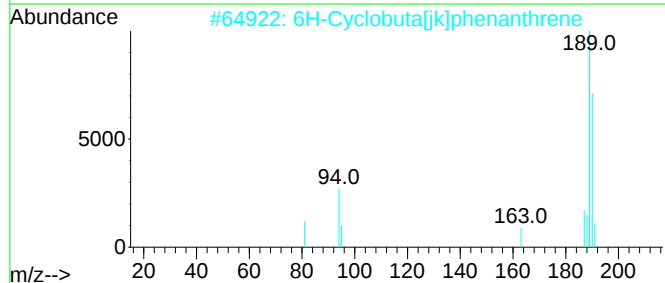
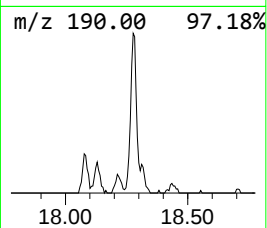
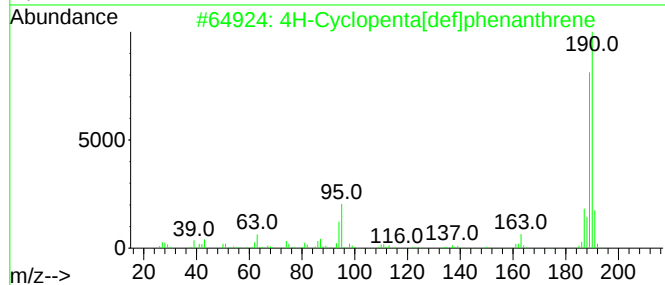
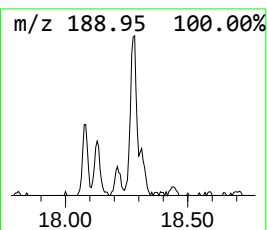
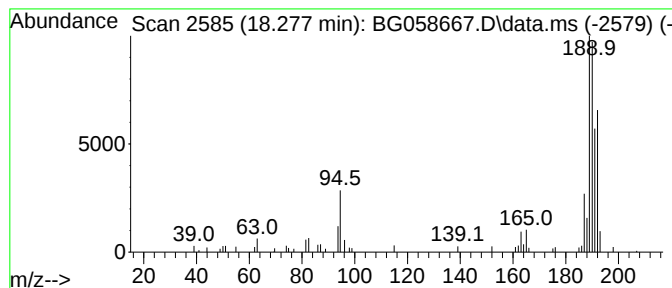
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.277	3.08 ng	111219	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5			3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.910	3.4	ng	37504	1	7.812	222308	20.0
Phenanthrene, 2...	18.083	2.5	ng	92101	4	17.201	721116	20.0
Anthracene, 2-m...	18.130	2.1	ng	77415	4	17.201	721116	20.0
4H-Cyclopenta[d...	18.277	3.1	ng	111219	4	17.201	721116	20.0