

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041374.D
 Acq On : 10 Aug 2023 22:08
 Operator : MA/JU
 Sample : 03956-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-PP22

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_M\Methods\8270-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	362	367	385	rBV	691439	1090201	21.96%	1.860%
2	6.957	635	641	656	rBV	498147	940234	18.94%	1.604%
3	7.769	773	779	788	rBV	463019	751752	15.14%	1.283%
4	8.951	973	980	1003	rBV	313404	640563	12.90%	1.093%
5	10.575	1249	1256	1276	rBV	521435	968050	19.50%	1.652%
6	13.057	1671	1678	1695	rBV	849634	1374072	27.68%	2.345%
7	14.163	1859	1866	1877	rBV	177107	300739	6.06%	0.513%
8	14.439	1906	1913	1933	rBV	719411	1195699	24.09%	2.040%
9	15.945	2159	2169	2184	rBV	729085	1230052	24.78%	2.099%
10	16.163	2199	2206	2220	rVB10	30908	112787	2.27%	0.192%
11	16.504	2258	2264	2269	rBV3	24879	57730	1.16%	0.099%
12	16.774	2306	2310	2317	rVB2	35122	62925	1.27%	0.107%
13	16.939	2333	2338	2346	rVV10	34089	89269	1.80%	0.152%
14	17.198	2376	2382	2387	rBV	975136	1449361	29.20%	2.473%
15	17.245	2387	2390	2395	rVB	278603	376098	7.58%	0.642%
16	17.339	2401	2406	2410	rBV	122923	175146	3.53%	0.299%
17	17.633	2447	2456	2460	rBV6	57140	170477	3.43%	0.291%
18	17.686	2462	2465	2468	rVV2	49793	64767	1.30%	0.111%
19	17.721	2468	2471	2475	rVV	52075	73635	1.48%	0.126%
20	17.780	2478	2481	2491	rVB	65936	123954	2.50%	0.212%
21	18.080	2528	2532	2533	rBV	269453	296202	5.97%	0.505%
22	18.127	2538	2540	2546	rVB	362664	491848	9.91%	0.839%
23	18.215	2551	2555	2559	rVV	129348	207117	4.17%	0.353%
24	18.268	2559	2564	2569	rVV2	449905	846162	17.05%	1.444%
25	18.315	2569	2572	2579	rVB	270584	362751	7.31%	0.619%
26	18.398	2581	2586	2589	rBV4	38693	69947	1.41%	0.119%
27	18.480	2596	2600	2605	rVB	82792	117788	2.37%	0.201%
28	18.586	2613	2618	2624	rBV5	129819	228086	4.59%	0.389%
29	18.639	2624	2627	2635	rVB3	107467	181028	3.65%	0.309%
30	18.709	2635	2639	2643	rBV	71088	95550	1.92%	0.163%
31	18.804	2651	2655	2656	rBV3	63581	77207	1.56%	0.132%
32	18.827	2656	2659	2664	rVV	152184	240557	4.85%	0.410%
33	18.880	2665	2668	2672	rVV	175700	230244	4.64%	0.393%
34	18.921	2672	2675	2679	rVB2	122777	151468	3.05%	0.258%
35	19.003	2684	2689	2694	rBV	592165	966783	19.48%	1.650%
36	19.062	2694	2699	2702	rVV2	228158	436259	8.79%	0.744%

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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_M\Methods\8270-BM072823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.098	2702	2705	2708	rVB	170740	198213	3.99%	0.338%
38	19.156	2708	2715	2721	rBV4	235125	591906	11.92%	1.010%
39	19.268	2728	2734	2740	rBV	2109282	2721184	54.82%	4.643%
40	19.333	2742	2745	2748	rVV2	111890	133178	2.68%	0.227%

41	19.386	2748	2754	2757	rVV3	188129	373406	7.52%	0.637%
42	19.421	2757	2760	2766	rVB	128750	176912	3.56%	0.302%
43	19.509	2773	2775	2778	rVB2	74711	69780	1.41%	0.119%
44	19.545	2778	2781	2786	rVB2	148656	191892	3.87%	0.327%
45	19.633	2787	2796	2804	rBV	2783249	4245351	85.52%	7.244%

46	19.709	2804	2809	2814	rVB2	292683	436855	8.80%	0.745%
47	19.762	2815	2818	2819	rBV2	48484	52637	1.06%	0.090%
48	19.839	2826	2831	2835	rBV	1929067	2225492	44.83%	3.797%
49	19.962	2846	2852	2861	rBV6	375746	988357	19.91%	1.686%
50	20.045	2863	2866	2869	rVV3	88227	121908	2.46%	0.208%

51	20.103	2870	2876	2877	rVV4	342527	556147	11.20%	0.949%
52	20.133	2878	2881	2886	rVB	475414	661082	13.32%	1.128%
53	20.203	2890	2893	2895	rBV4	63563	90050	1.81%	0.154%
54	20.233	2895	2898	2902	rVV	265019	338877	6.83%	0.578%
55	20.292	2903	2908	2912	rVV	626550	871300	17.55%	1.487%

56	20.333	2912	2915	2919	rVB	120149	150080	3.02%	0.256%
57	20.433	2928	2932	2936	rBV	553442	711429	14.33%	1.214%
58	20.474	2936	2939	2943	rVB	446300	571830	11.52%	0.976%
59	20.797	2991	2994	2997	rVB5	118762	136516	2.75%	0.233%
60	20.892	3006	3010	3015	rVB	323562	472156	9.51%	0.806%

61	20.974	3021	3024	3028	rVB	109700	136342	2.75%	0.233%
62	21.021	3030	3032	3034	rBV	112554	131540	2.65%	0.224%
63	21.050	3034	3037	3040	rVB	329950	361386	7.28%	0.617%
64	21.086	3040	3043	3048	rBV2	281838	438283	8.83%	0.748%
65	21.192	3058	3061	3066	rVB	248675	306621	6.18%	0.523%

66	21.397	3090	3096	3101	rBV2	2245413	4964121	100.00%	8.470%
67	21.445	3101	3104	3114	rVB	2042280	2513627	50.64%	4.289%
68	21.915	3182	3184	3187	rBV	139187	167299	3.37%	0.285%
69	21.980	3188	3195	3200	rVV	647304	1240214	24.98%	2.116%
70	22.033	3201	3204	3210	rVB	368636	474159	9.55%	0.809%

71	22.186	3226	3230	3233	rBV	294912	394771	7.95%	0.674%
72	23.056	3372	3378	3383	rBV	1312251	2988364	60.20%	5.099%
73	23.233	3405	3408	3414	rVB	281562	437497	8.81%	0.747%
74	23.562	3459	3464	3474	rVB	1020436	1886392	38.00%	3.219%
75	23.668	3476	3482	3489	rVB	1353448	2543499	51.24%	4.340%

76	23.768	3494	3499	3505	rVV	1058592	2124405	42.80%	3.625%
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Instrument :
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ClientSampleId :
B-PP22

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_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.821	3505	3508	3517	rVB2	366255	739988	14.91%	1.263%
78	26.209	3907	3914	3927	rVB2	667864	1927226	38.82%	3.288%
79	26.956	4036	4041	4052	rVB2	533164	1497030	30.16%	2.554%

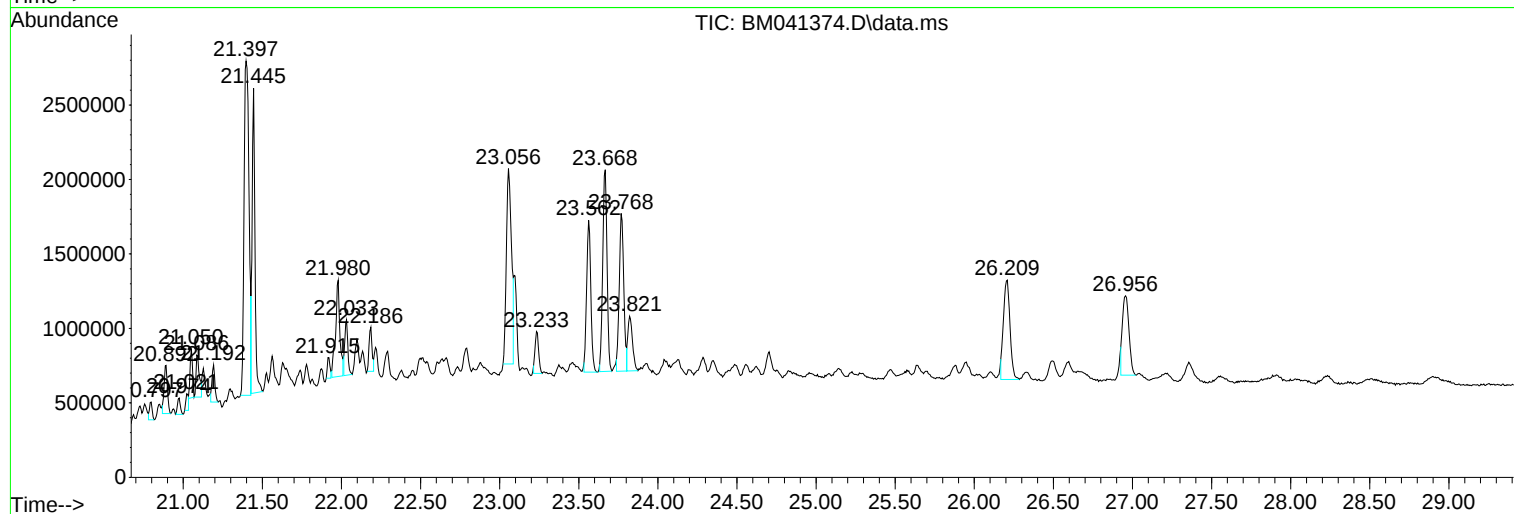
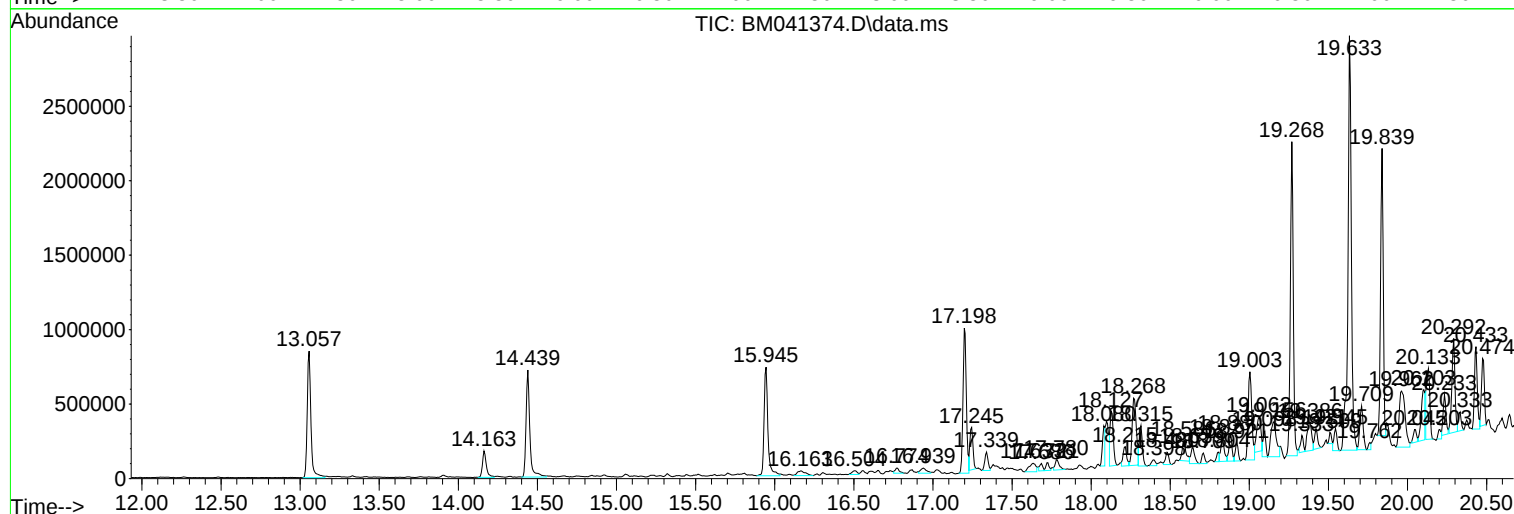
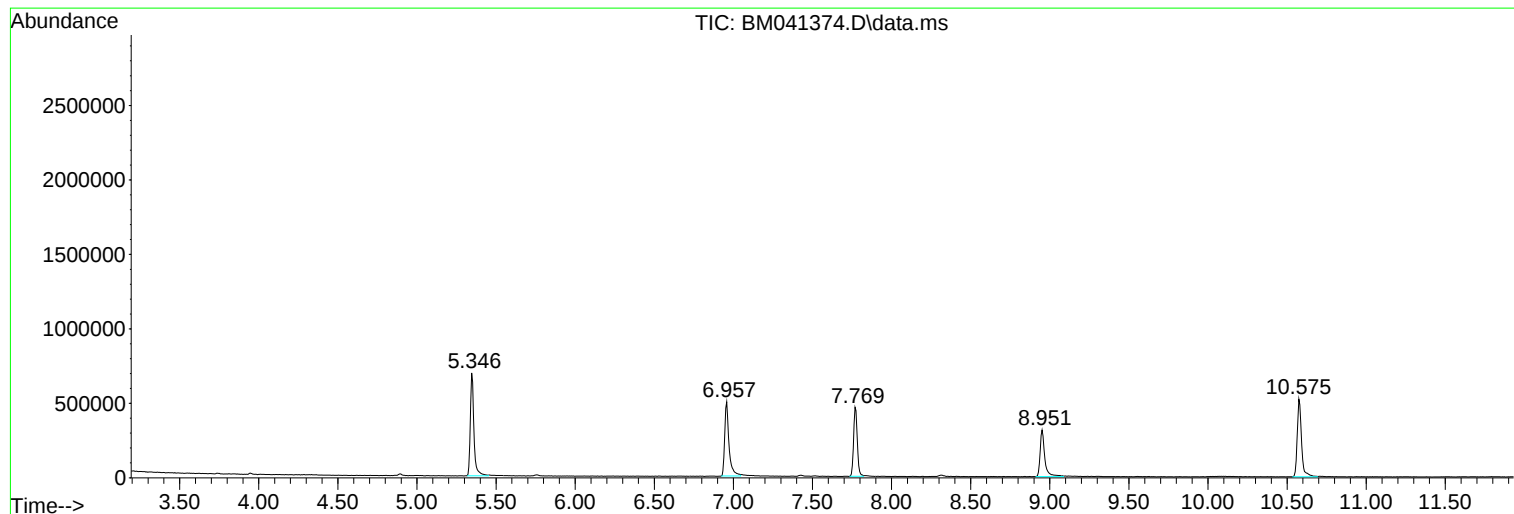
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
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Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP22

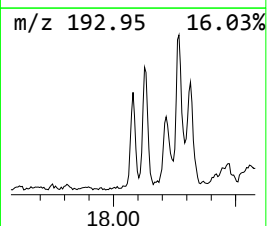
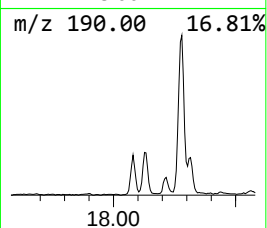
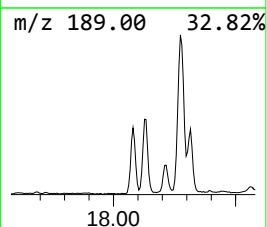
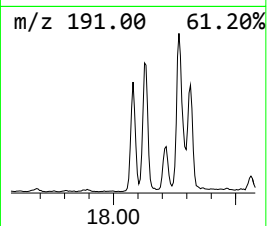
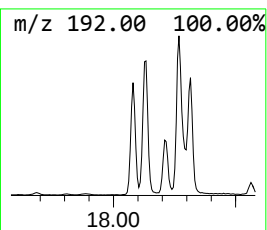
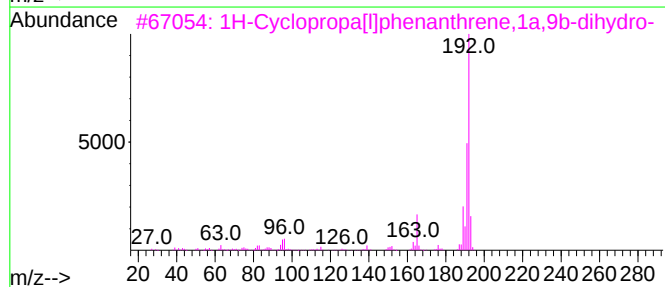
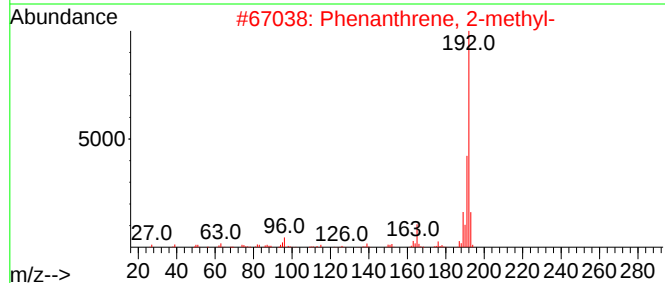
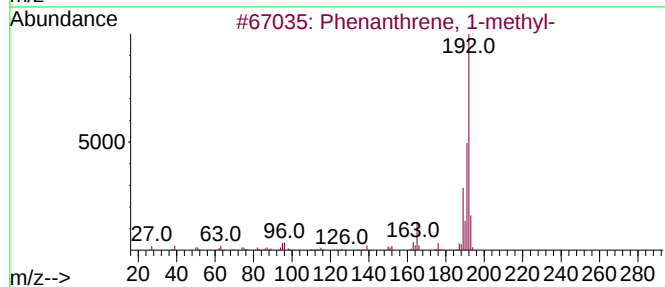
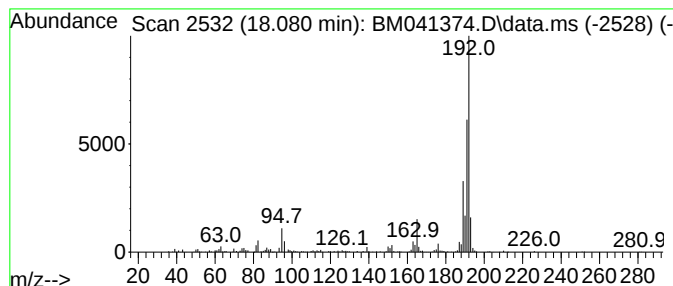
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	4.09 ng	296202	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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Instrument :
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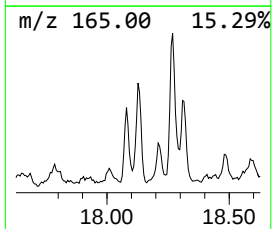
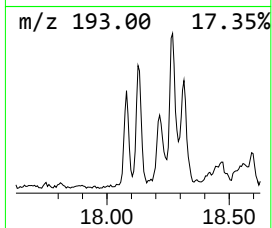
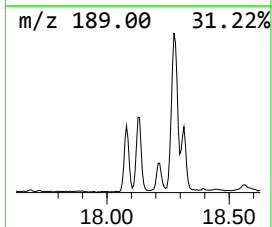
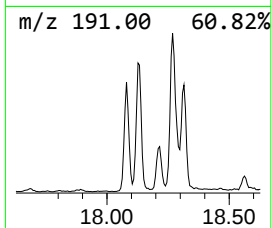
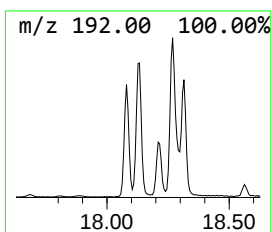
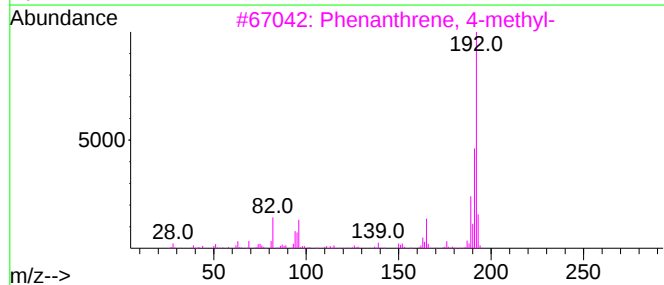
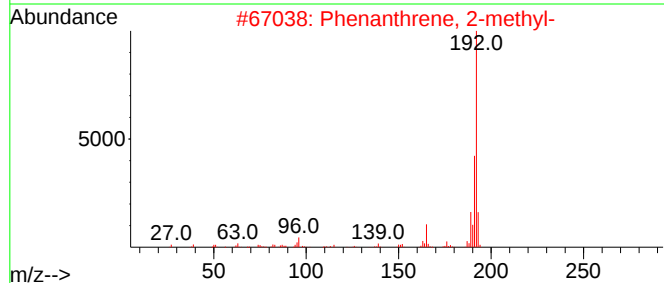
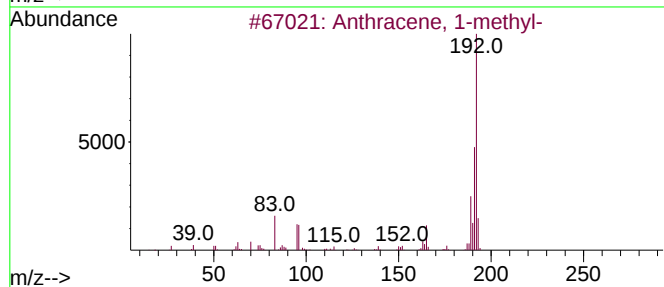
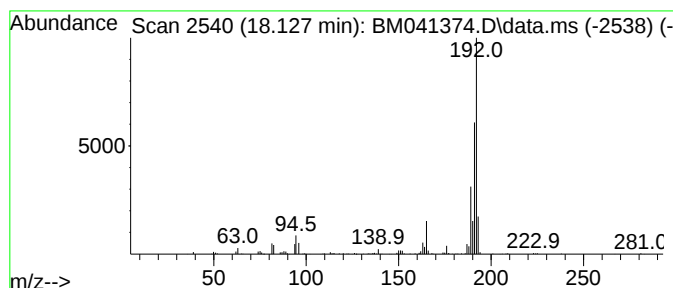
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	6.79 ng	491848	Phenanthrene-d10	17.198

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



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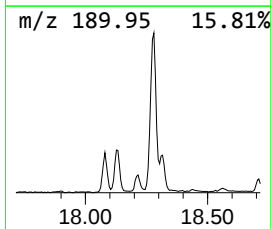
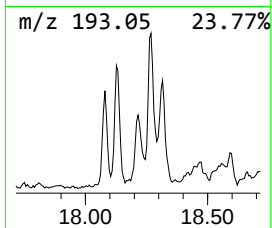
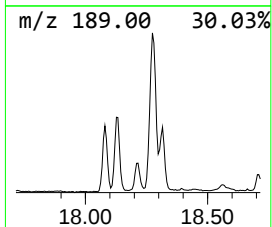
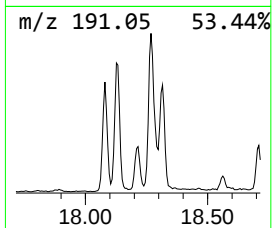
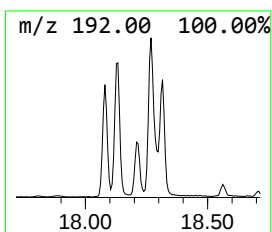
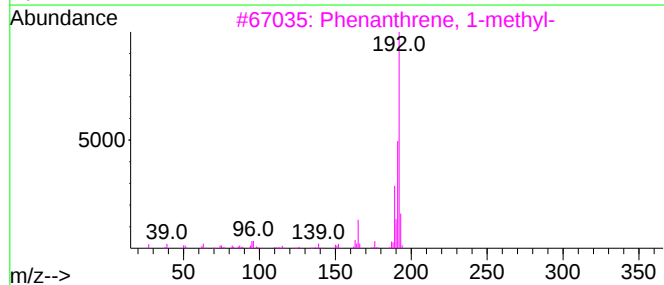
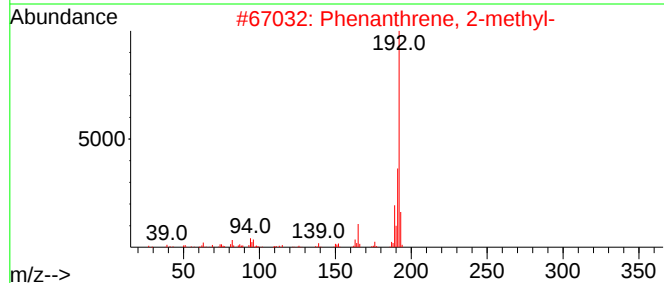
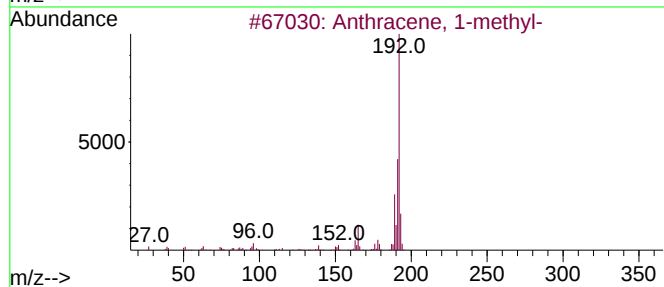
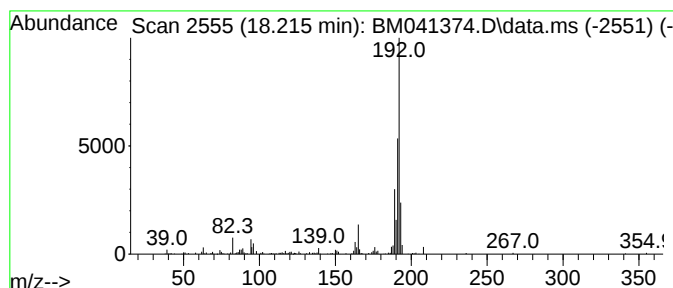
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	2.86 ng	207117	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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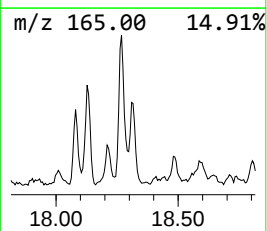
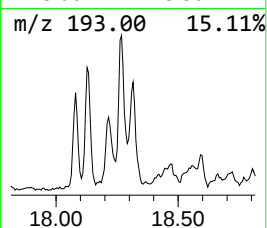
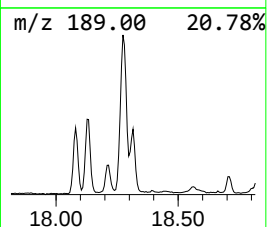
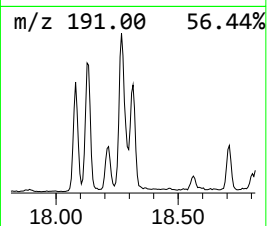
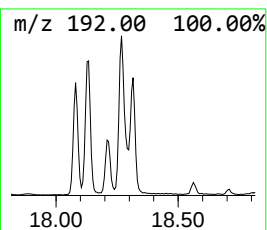
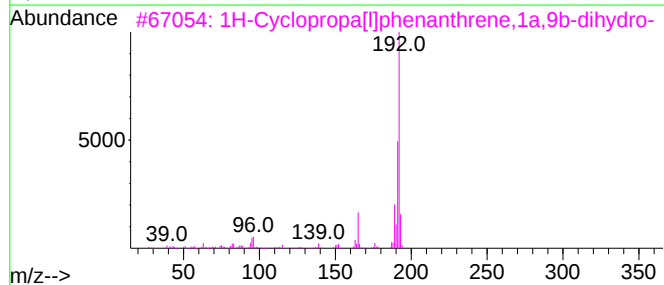
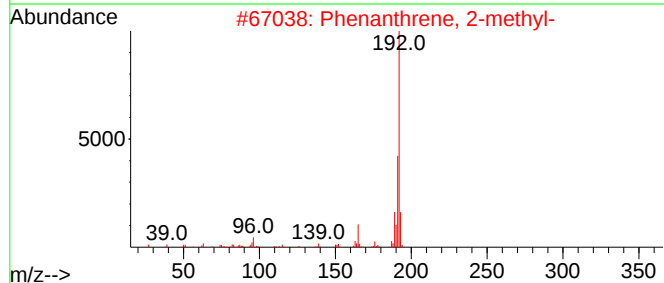
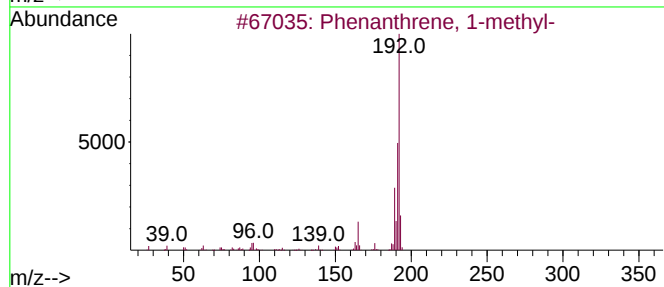
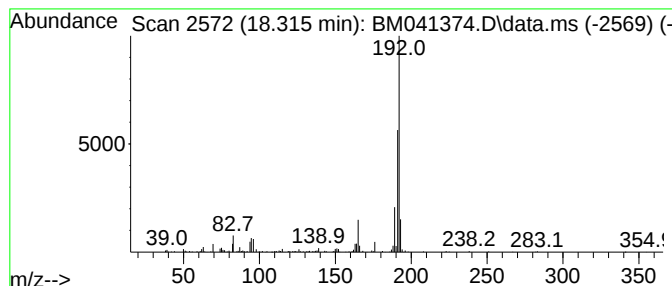
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.315	5.01 ng	362751	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP22

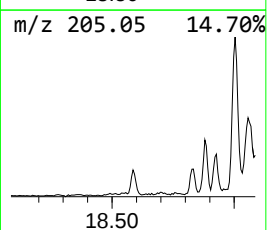
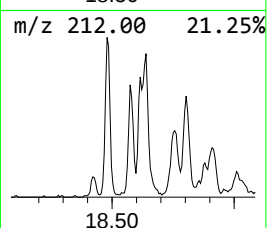
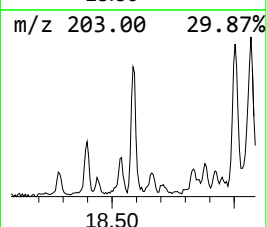
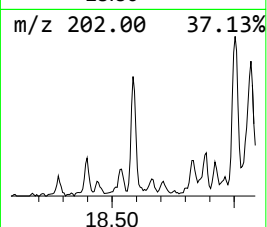
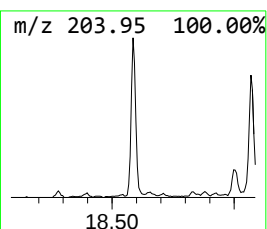
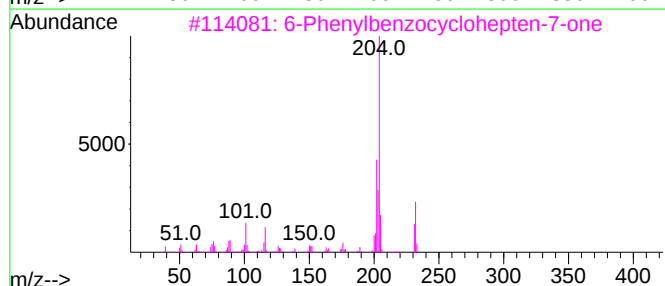
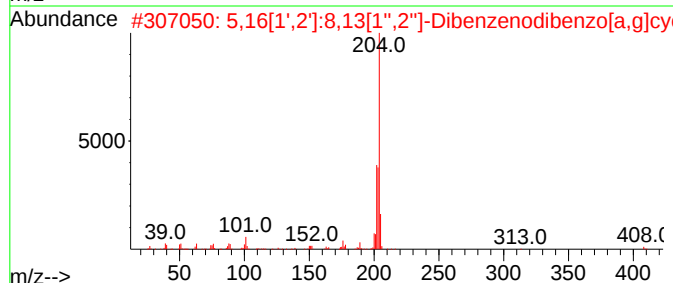
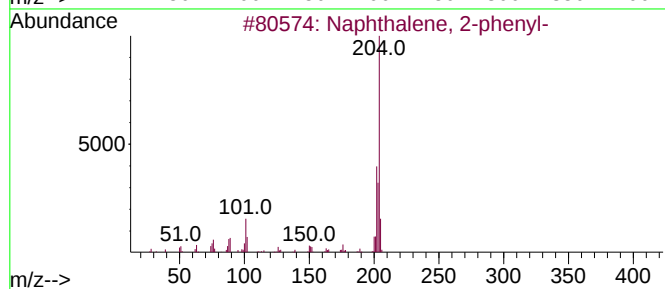
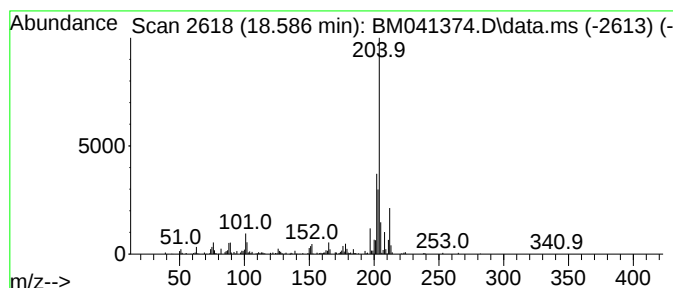
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	3.15 ng	228086	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
3			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	53
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

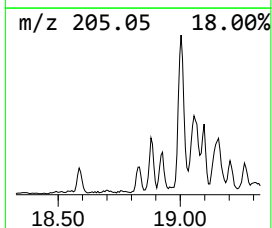
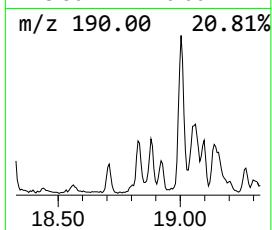
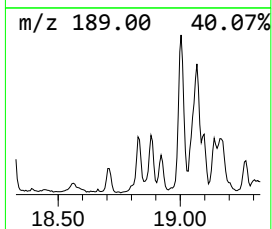
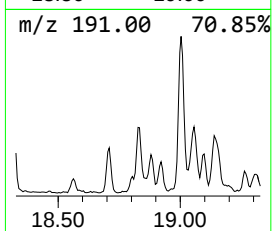
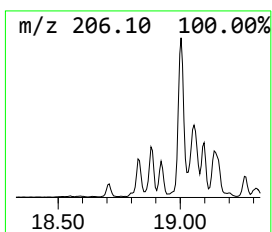
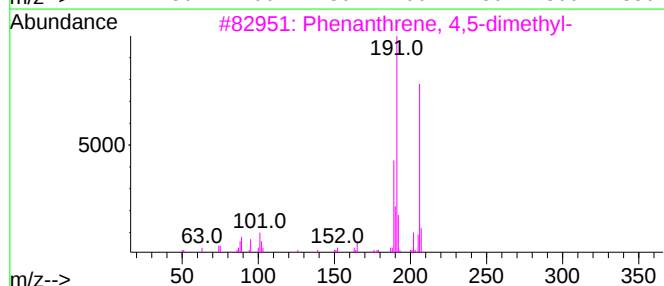
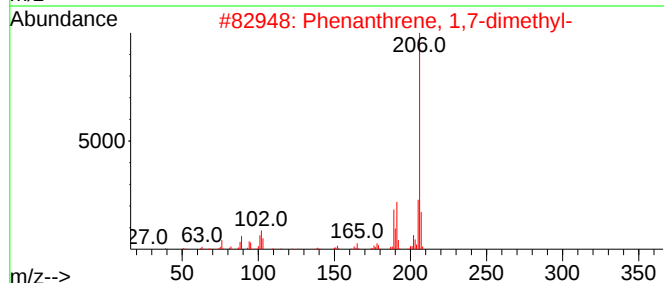
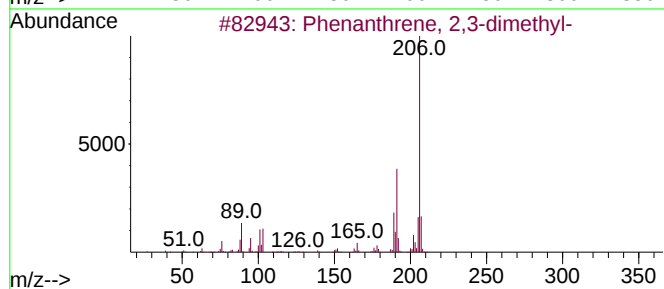
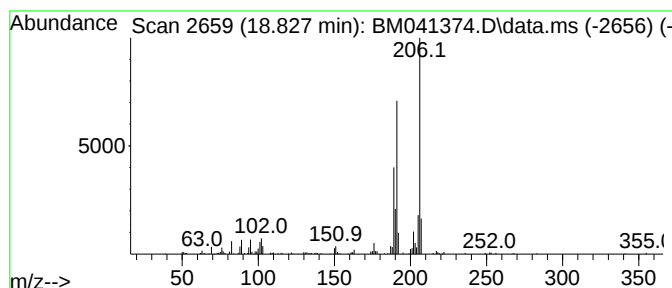
Instrument :
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ClientSampleId :
B-PP22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.827	3.32 ng	240557	Phenanthrene-d10		17.198	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	94
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	87
3	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	87
4	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	86
5	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

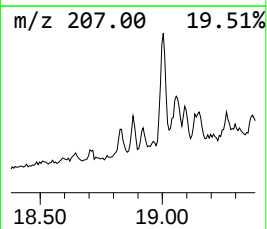
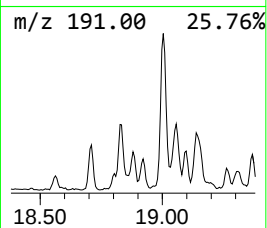
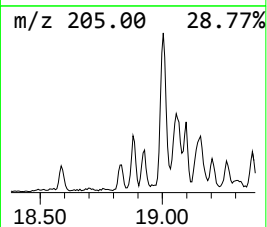
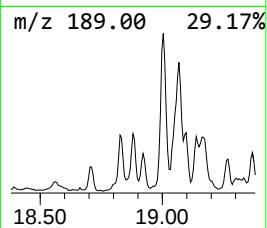
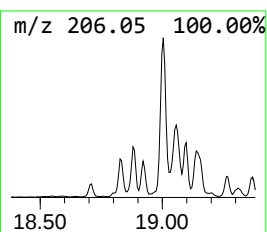
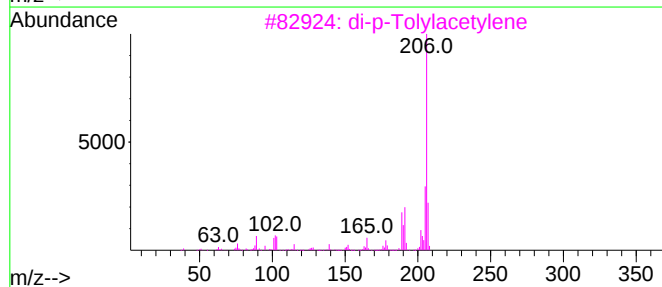
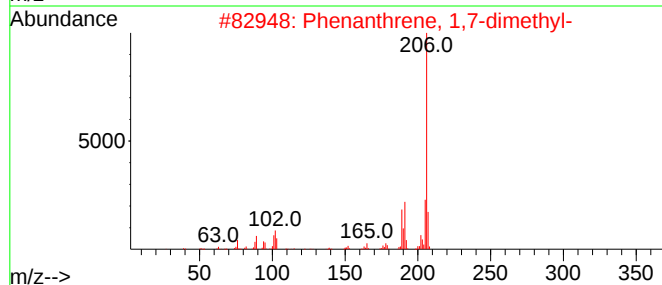
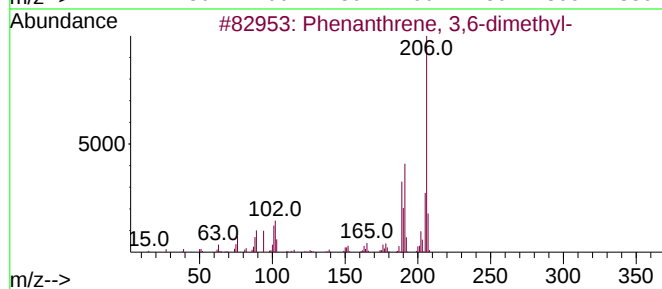
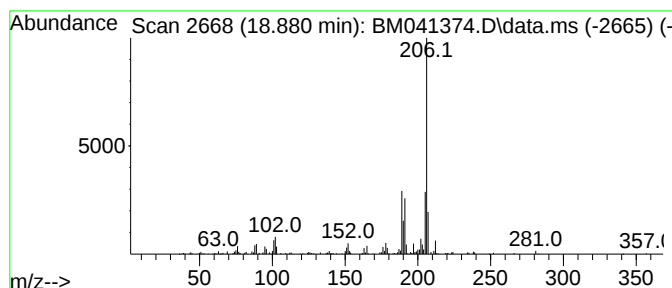
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ClientSampleId :
B-PP22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.880	3.18 ng	230244	Phenanthrene-d10	17.198	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

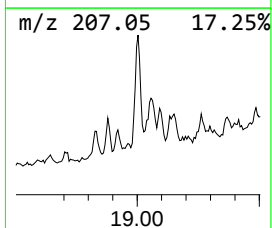
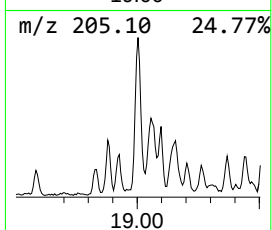
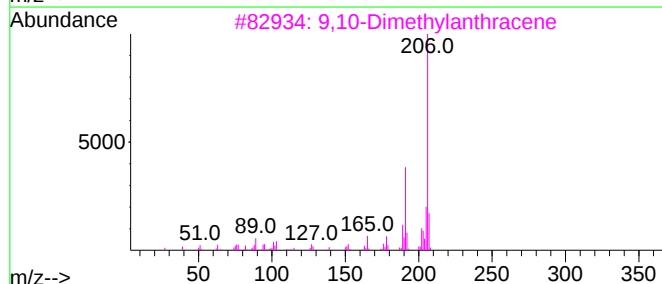
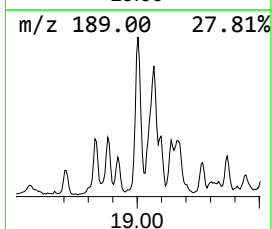
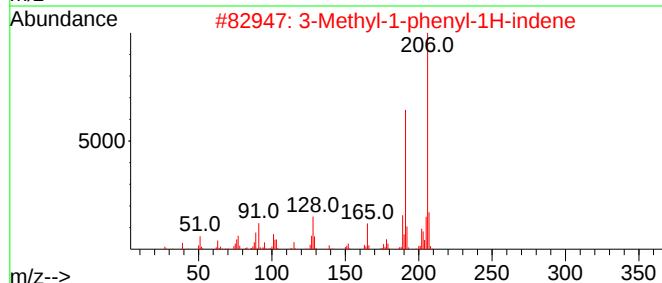
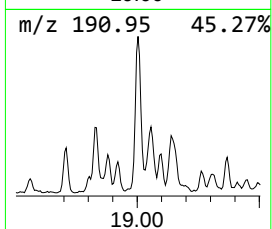
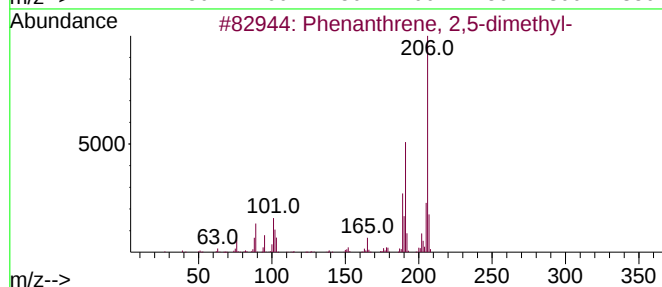
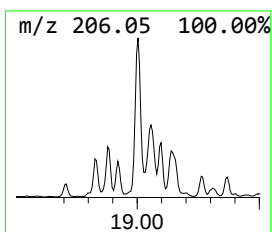
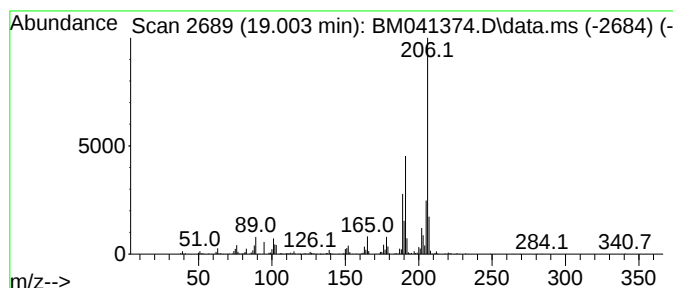
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.003	13.34 ng	966783	Phenanthrene-d10		17.198	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	97
2	3-Methyl-1-phenyl-1H-indene		206	C16H14	022360-63-0	93
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP22

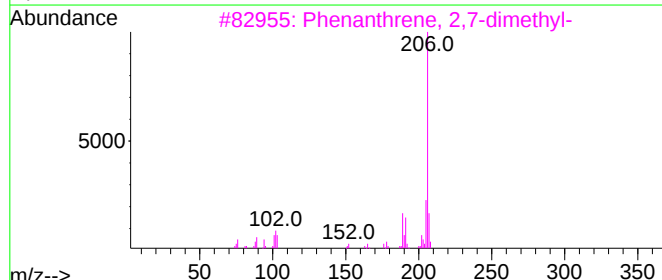
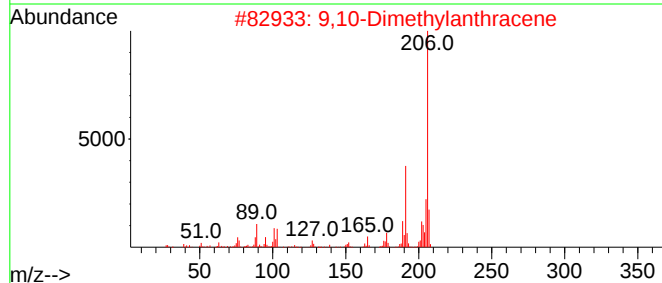
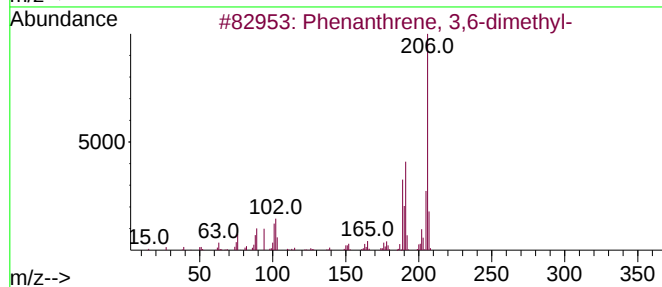
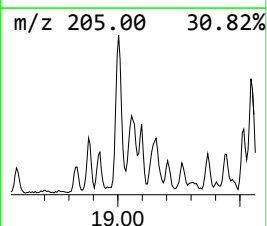
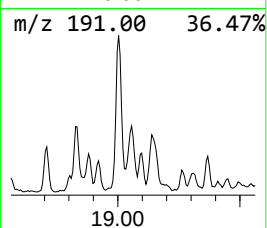
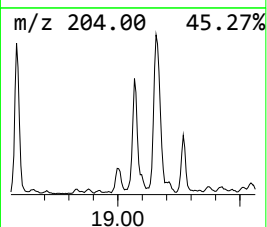
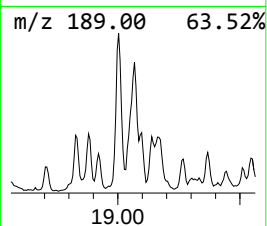
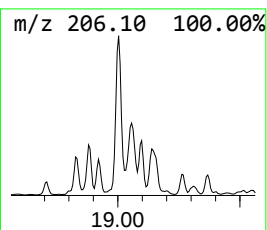
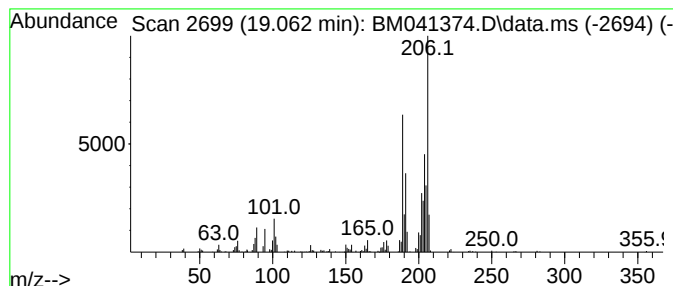
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	6.02 ng	436259	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	60
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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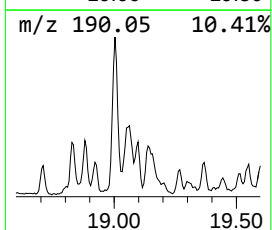
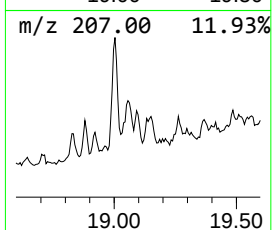
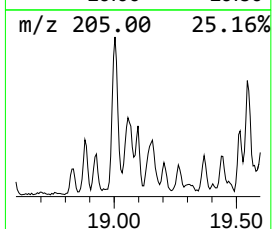
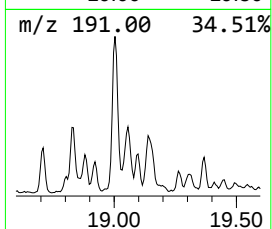
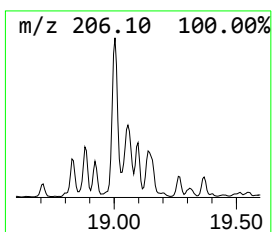
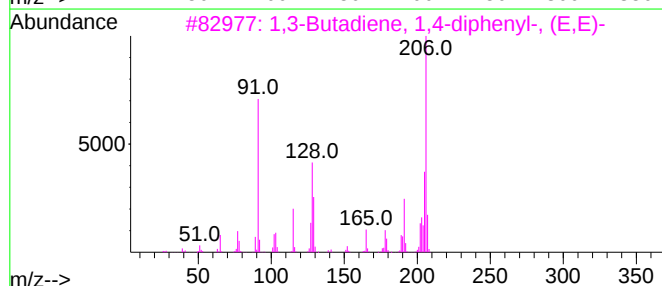
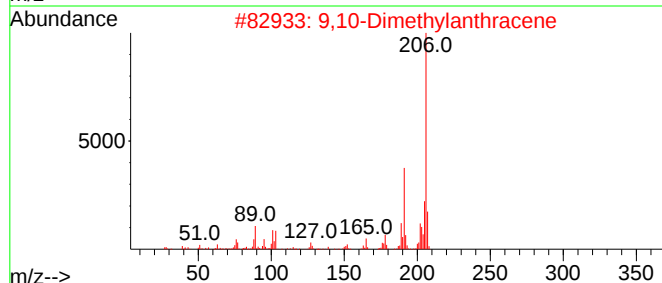
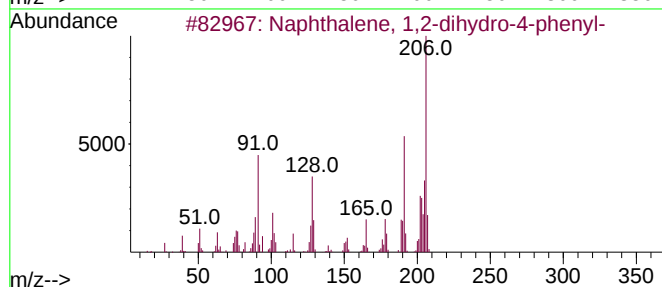
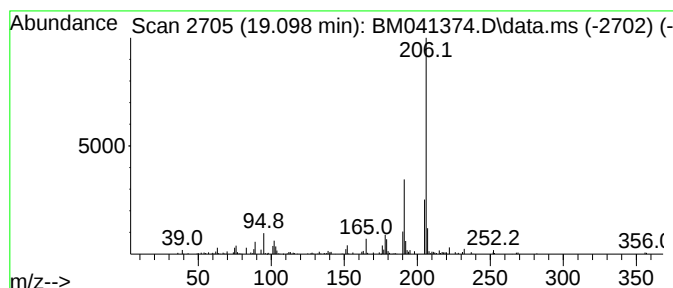
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2-dihydro-4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.74 ng	198213	Phenanthrene-d10	17.198

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
3		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	81
4		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

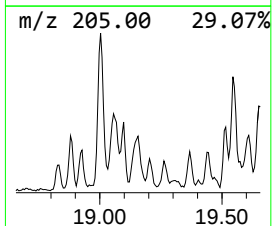
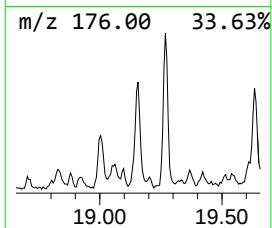
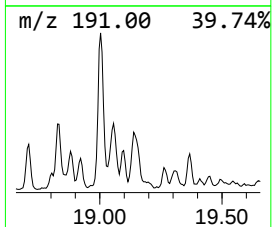
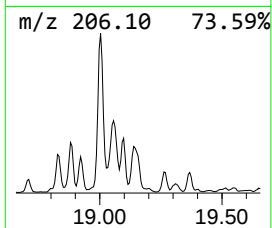
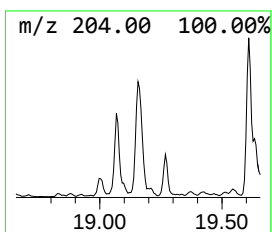
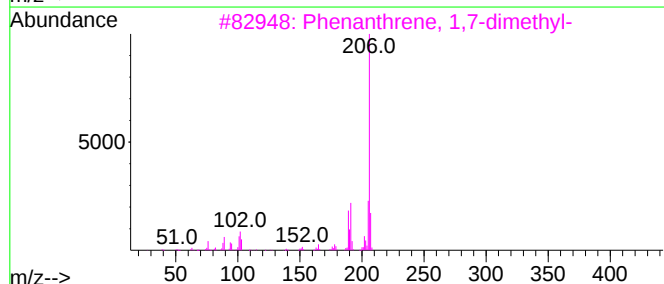
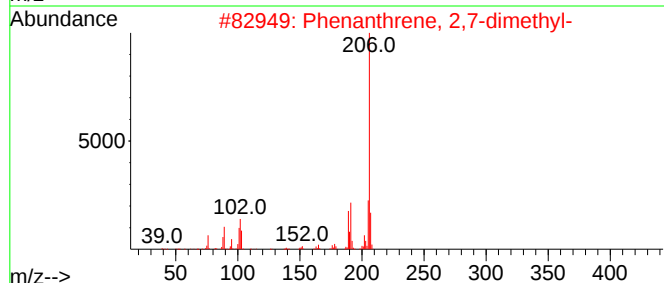
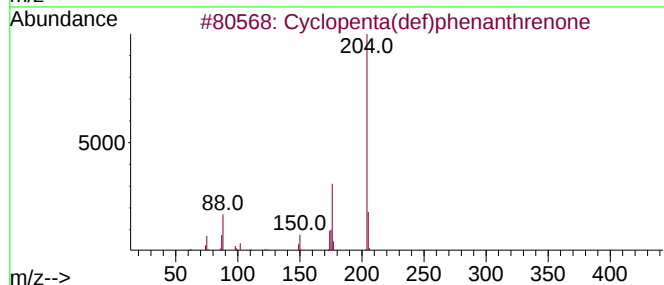
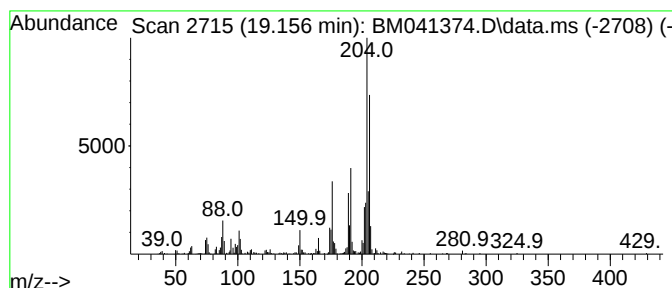
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.156	8.17 ng	591906	Phenanthrene-d10	17.198	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
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Sample : 03956-01 2X
Misc :
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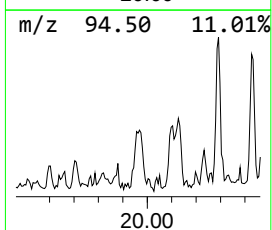
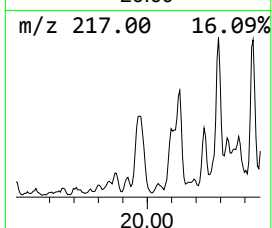
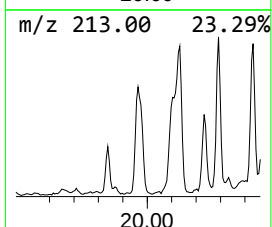
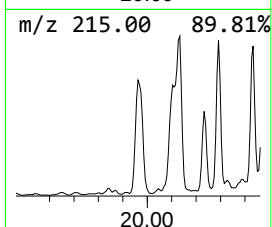
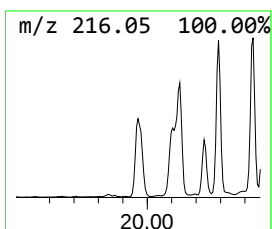
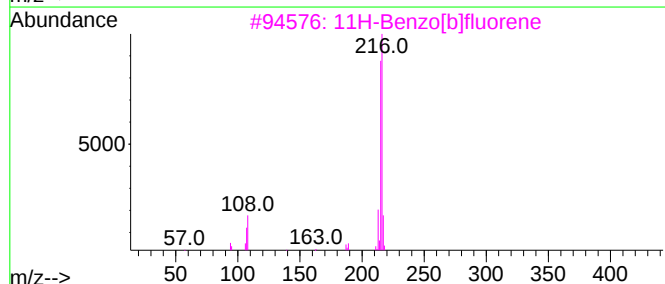
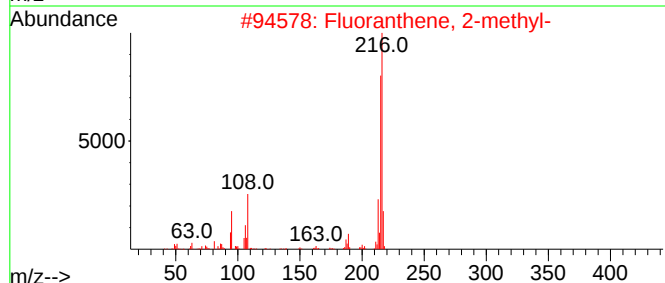
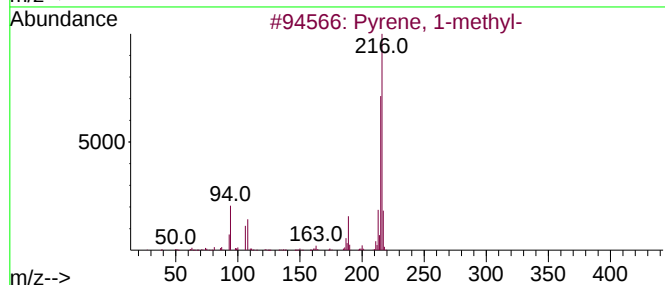
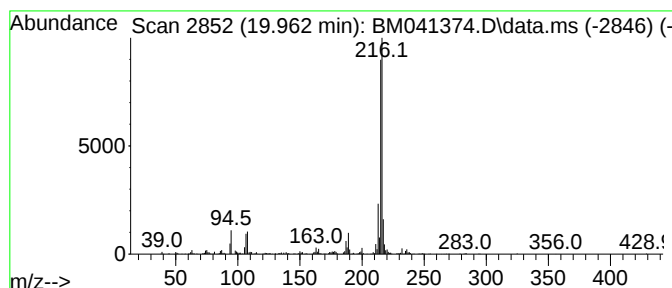
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.962	3.98 ng	988357	Chrysene-d12	21.409	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
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Sample : 03956-01 2X
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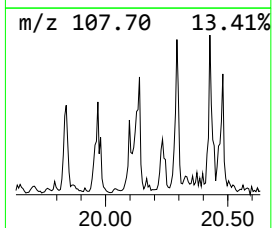
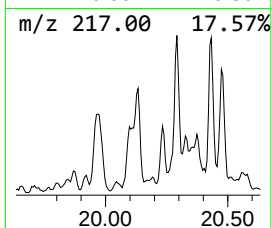
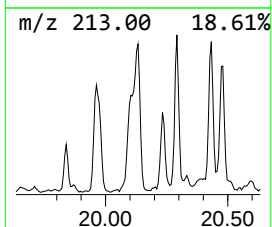
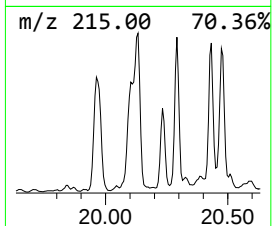
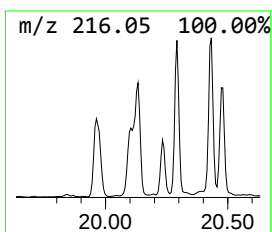
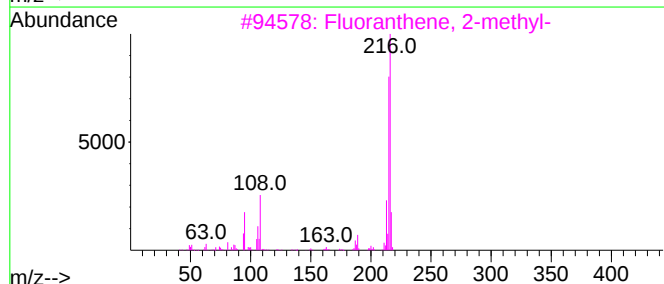
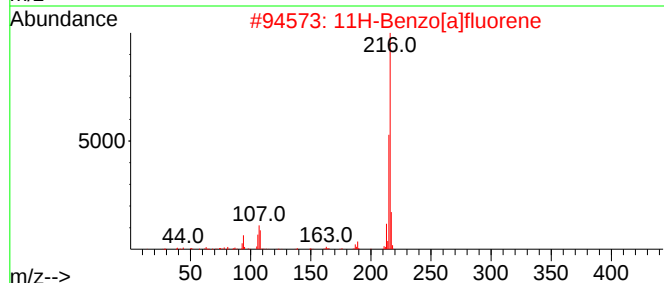
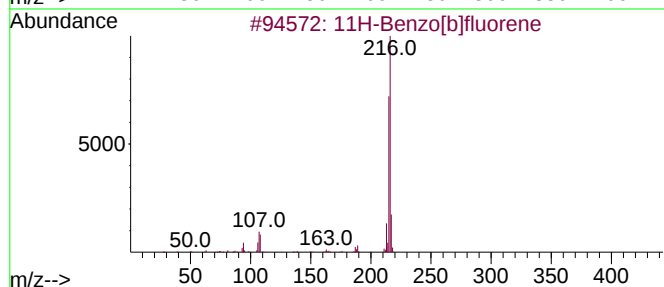
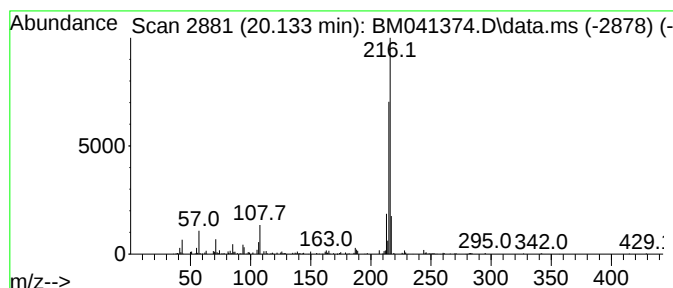
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.133	2.66 ng	661082	Chrysene-d12	21.409	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

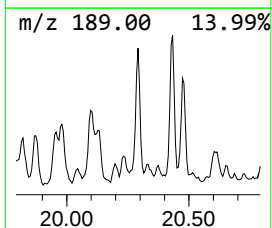
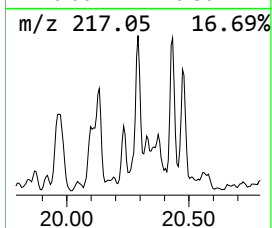
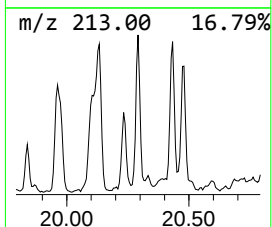
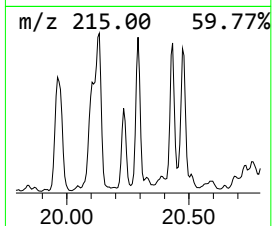
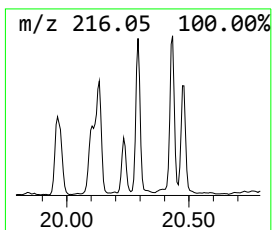
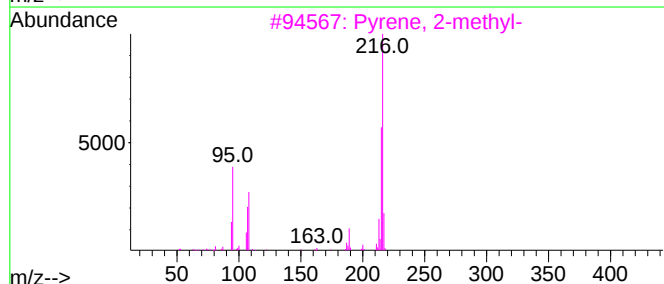
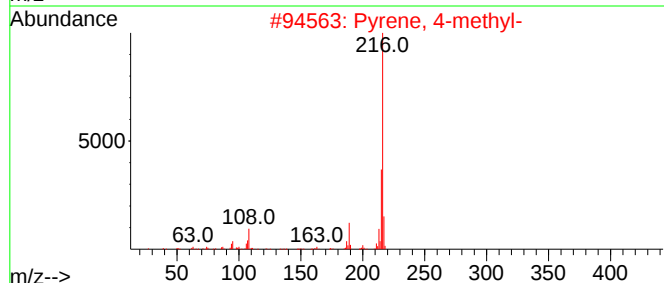
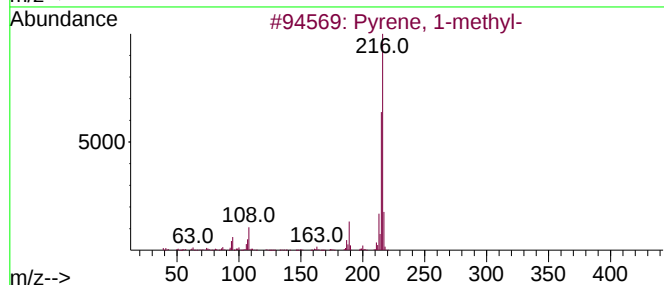
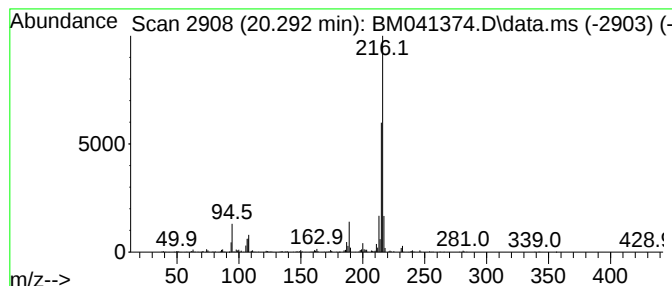
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.292	3.51 ng	871300	Chrysene-d12	21.409	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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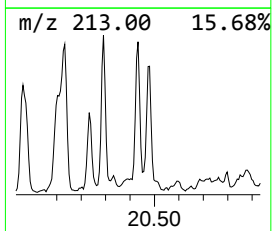
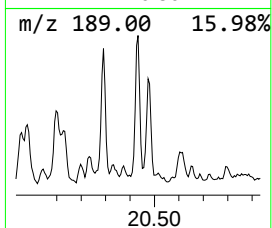
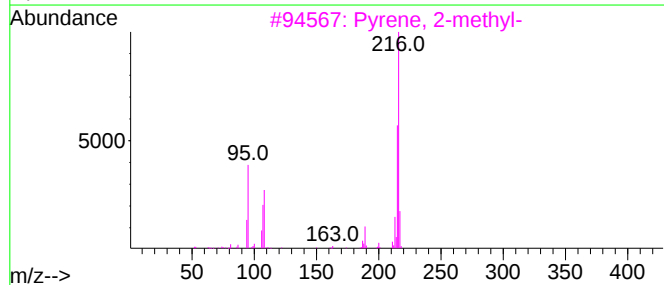
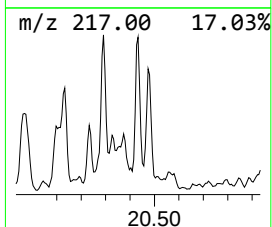
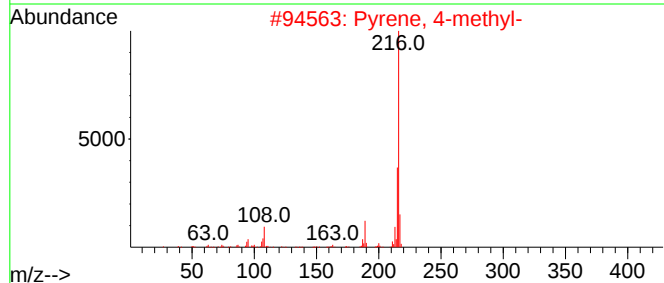
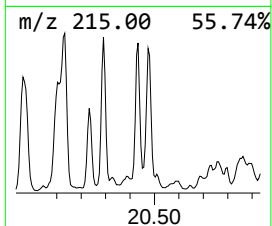
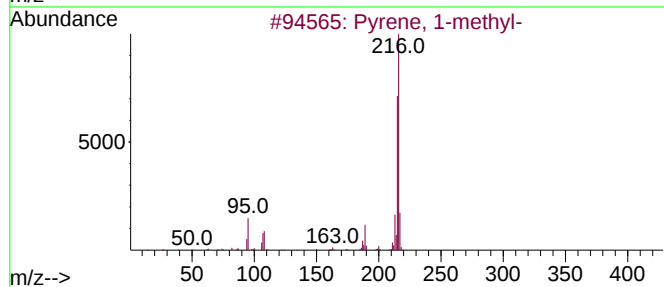
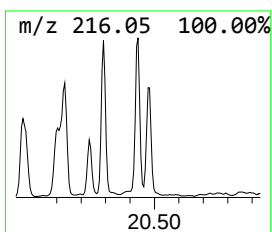
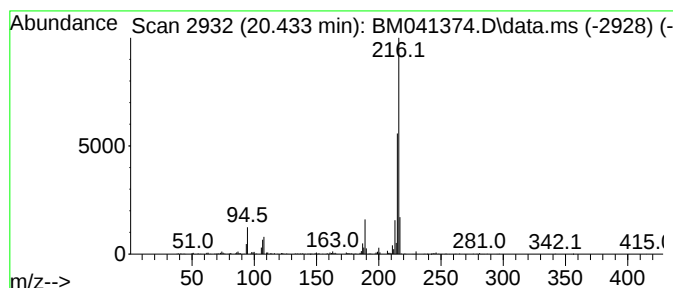
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	2.87 ng	711429	Chrysene-d12	21.409

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
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Sample : 03956-01 2X
Misc :
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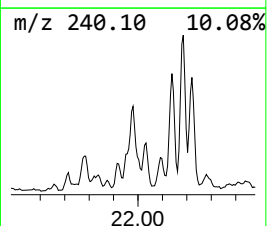
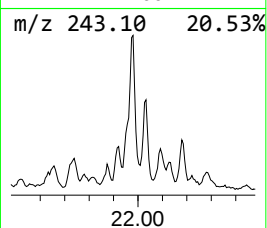
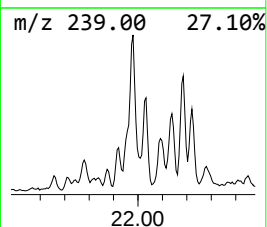
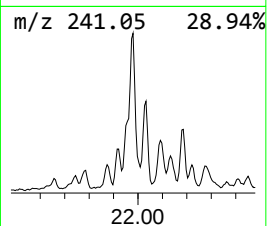
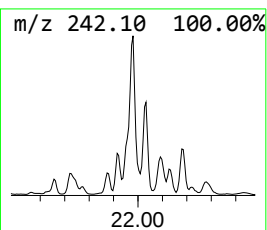
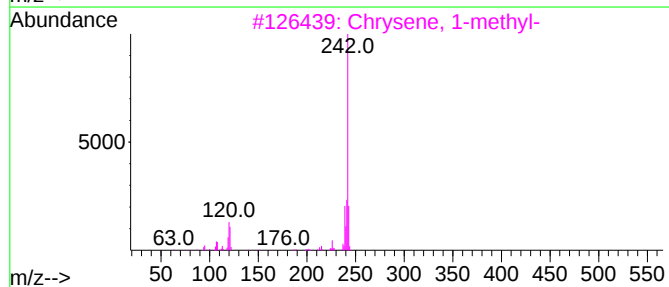
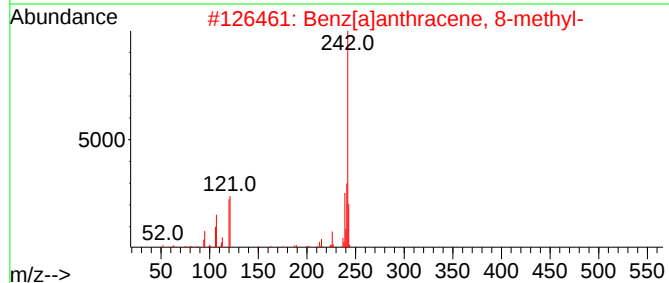
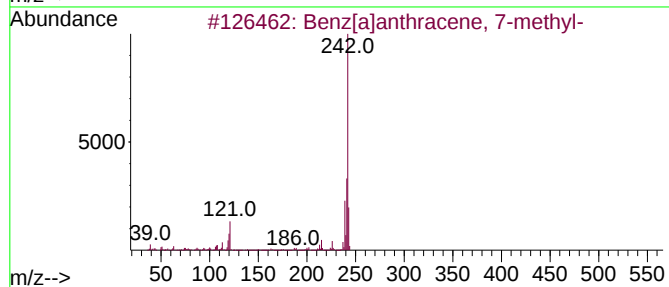
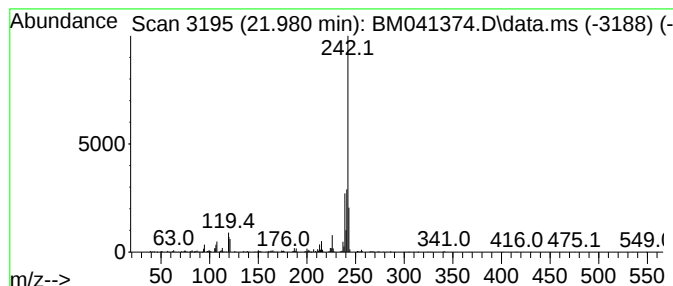
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.980	5.00 ng	1240210	Chrysene-d12		21.409	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-		242	C19H14	002541-69-7	96
2	Benz[a]anthracene, 8-methyl-		242	C19H14	002381-31-9	95
3	Chrysene, 1-methyl-		242	C19H14	003351-28-8	91
4	Chrysene, 3-methyl-		242	C19H14	003351-31-3	90
5	Triphenylene, 2-methyl-		242	C19H14	001705-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-PP22

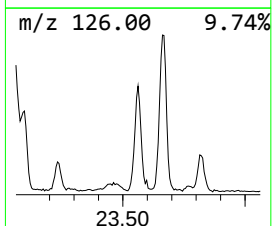
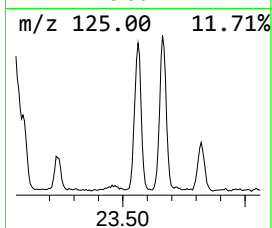
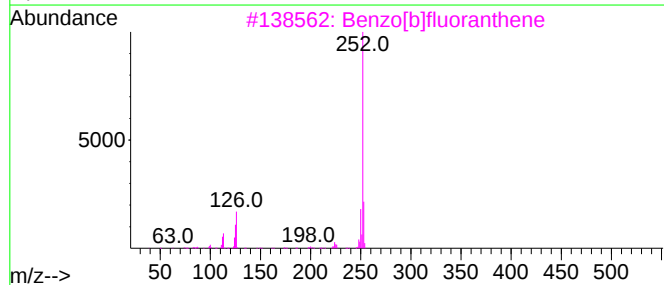
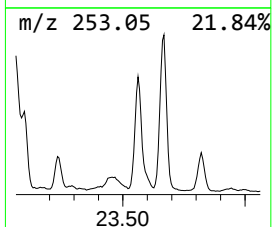
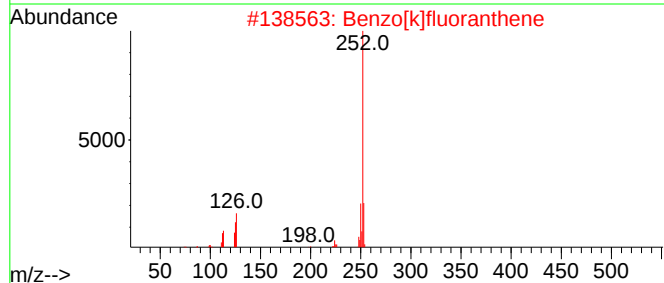
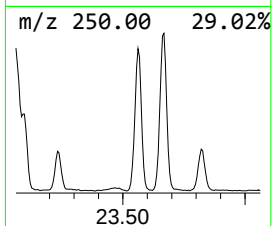
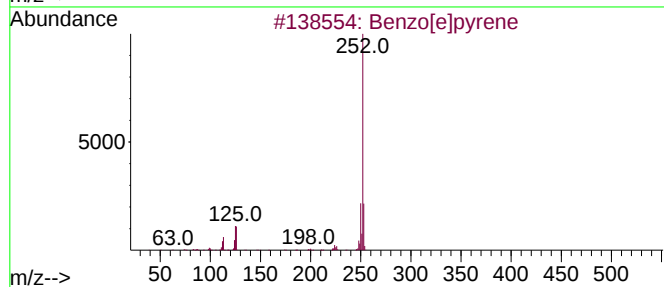
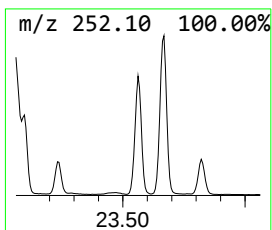
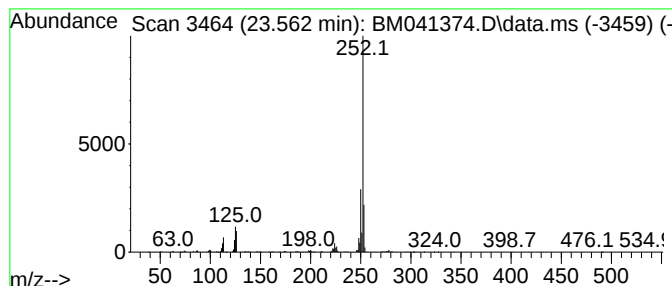
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.562	17.76 ng	1886390	Perylene-d12	23.768

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP22

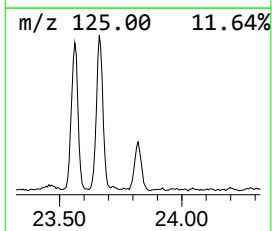
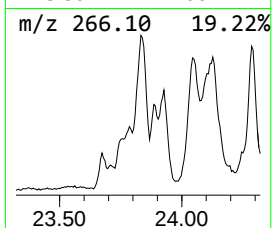
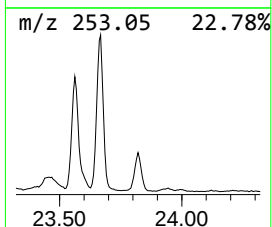
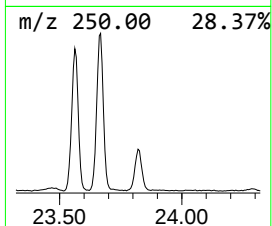
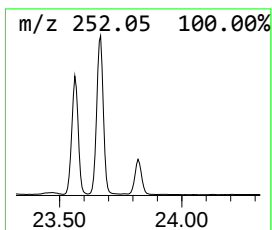
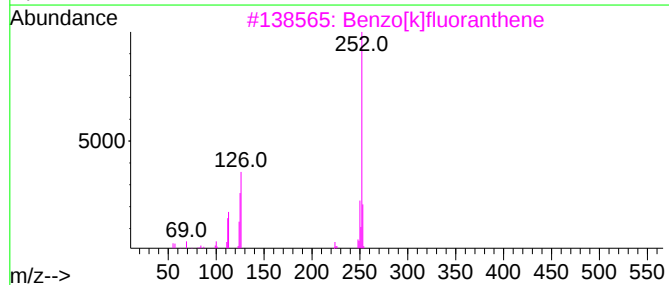
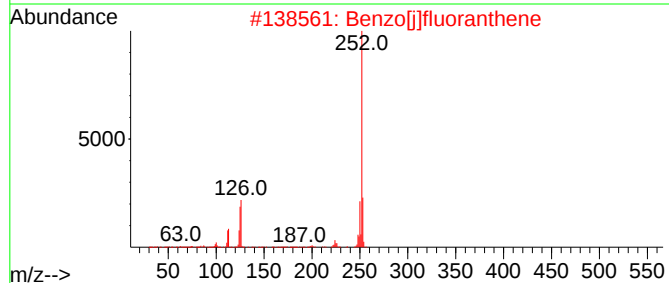
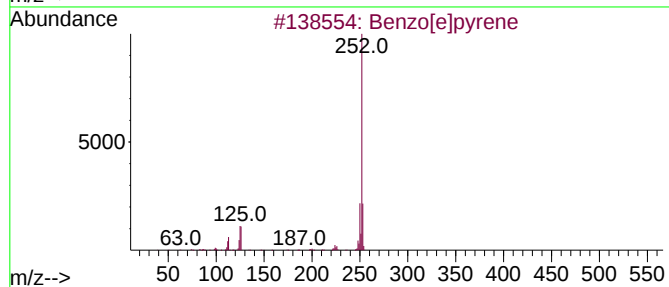
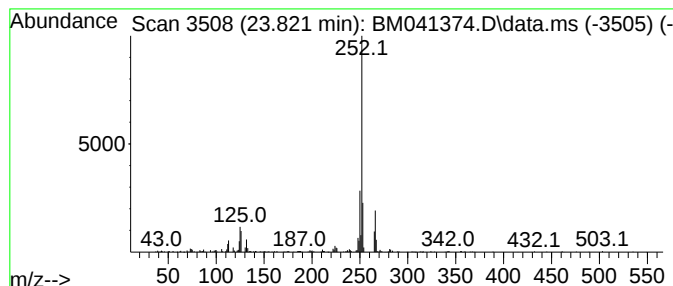
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.821	6.97 ng	739988	Perylene-d12	23.768

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041374.D
Acq On : 10 Aug 2023 22:08
Operator : MA/JU
Sample : 03956-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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
Phenanthrene, 1...	18.080	4.1	ng	296202	4	17.198	1449360	20.0
Anthracene, 1-m...	18.127	6.8	ng	491848	4	17.198	1449360	20.0
Phenanthrene, 2...	18.215	2.9	ng	207117	4	17.198	1449360	20.0
1H-Cyclopropa[1...	18.315	5.0	ng	362751	4	17.198	1449360	20.0
Naphthalene, 2-...	18.586	3.1	ng	228086	4	17.198	1449360	20.0
Phenanthrene, 2...	18.827	3.3	ng	240557	4	17.198	1449360	20.0
Phenanthrene, 3...	18.880	3.2	ng	230244	4	17.198	1449360	20.0
Phenanthrene, 2...	19.003	13.3	ng	966783	4	17.198	1449360	20.0
9,10-Dimethylan...	19.062	6.0	ng	436259	4	17.198	1449360	20.0
Naphthalene, 1,...	19.098	2.7	ng	198213	4	17.198	1449360	20.0
Cyclopenta(def)...	19.156	8.2	ng	591906	4	17.198	1449360	20.0
Pyrene, 1-methyl-	19.962	4.0	ng	988357	5	21.409	4964120	20.0
11H-Benzo[b]flu...	20.133	2.7	ng	661082	5	21.409	4964120	20.0
Pyrene, 4-methyl-	20.292	3.5	ng	871300	5	21.409	4964120	20.0
Pyrene, 2-methyl-	20.433	2.9	ng	711429	5	21.409	4964120	20.0
Benz[a]anthrace...	21.980	5.0	ng	1240210	5	21.409	4964120	20.0
Benzo[e]pyrene	23.562	17.8	ng	1886390	6	23.768	2124410	20.0
Benzo[j]fluoran...	23.821	7.0	ng	739988	6	23.768	2124410	20.0