

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042595.D
 Acq On : 04 Nov 2023 17:17
 Operator : MA/JU
 Sample : 05220-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)

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-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	378	385	395	rBV	1041535	1509445	22.24%	1.840%
2	7.081	655	662	673	rBV	1029095	1584038	23.34%	1.931%
3	7.916	796	804	805	rBV	201424	282762	4.17%	0.345%
4	7.951	805	810	818	rVB	1910122	2834257	41.76%	3.455%
5	9.116	1001	1008	1015	rBV	616774	991814	14.61%	1.209%
6	10.733	1276	1283	1287	rBV	234820	389762	5.74%	0.475%
7	10.780	1287	1291	1300	rVB	87539	154782	2.28%	0.189%
8	12.386	1556	1564	1572	rBV	55300	94391	1.39%	0.115%
9	12.610	1591	1602	1607	rBV2	50201	84875	1.25%	0.103%
10	13.186	1693	1700	1712	rBV	1463791	2066870	30.45%	2.520%
11	13.404	1732	1737	1743	rBV2	148165	242999	3.58%	0.296%
12	13.733	1784	1793	1801	rBV4	45954	116966	1.72%	0.143%
13	13.880	1812	1818	1822	rBV	65054	117510	1.73%	0.143%
14	14.021	1836	1842	1851	rBV	65027	103796	1.53%	0.127%
15	14.115	1851	1858	1861	rBV	56325	87283	1.29%	0.106%
16	14.298	1882	1889	1901	rVV	445812	749244	11.04%	0.913%
17	14.562	1929	1934	1940	rVB	332970	486634	7.17%	0.593%
18	14.627	1940	1945	1952	rBV	162633	251833	3.71%	0.307%
19	14.774	1963	1970	1976	rVB4	36758	87035	1.28%	0.106%
20	14.962	1992	2002	2007	rVV2	130778	266235	3.92%	0.325%
21	15.021	2008	2012	2017	rVB	49851	71364	1.05%	0.087%
22	15.162	2030	2036	2041	rBV	88976	170401	2.51%	0.208%
23	15.433	2078	2082	2087	rBV	68804	96323	1.42%	0.117%
24	15.615	2106	2113	2124	rVB	207845	401554	5.92%	0.490%
25	15.733	2124	2133	2137	rBV5	61626	159764	2.35%	0.195%
26	15.898	2157	2161	2167	rVB	89701	134940	1.99%	0.165%
27	16.062	2180	2189	2195	rBV2	1465647	2107636	31.05%	2.570%
28	16.209	2209	2214	2219	rBV	65944	124246	1.83%	0.151%
29	16.609	2274	2282	2287	rVB	105961	232254	3.42%	0.283%
30	16.656	2287	2290	2296	rBV2	80121	132824	1.96%	0.162%
31	16.756	2303	2307	2312	rBV	68340	95747	1.41%	0.117%
32	16.827	2313	2319	2322	rBV4	48693	86106	1.27%	0.105%
33	17.033	2351	2354	2361	rVB3	72281	114564	1.69%	0.140%
34	17.139	2367	2372	2382	rVB	300103	438107	6.45%	0.534%
35	17.321	2397	2403	2406	rBV	419029	616831	9.09%	0.752%
36	17.362	2406	2410	2419	rVB	1767575	2352931	34.66%	2.869%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.456	2420	2426	2431	rBV	937802	1349054	19.88%	1.645%
38	17.739	2470	2474	2478	rVB2	156262	208749	3.08%	0.254%
39	17.827	2486	2489	2496	rBV2	97732	147459	2.17%	0.180%
40	17.892	2496	2500	2510	rVB	188335	309802	4.56%	0.378%
41	18.039	2520	2525	2531	rVB	108585	220617	3.25%	0.269%
42	18.186	2543	2550	2555	rBV2	473733	1161815	17.12%	1.416%
43	18.239	2555	2559	2568	rVB	405227	569156	8.39%	0.694%
44	18.321	2569	2573	2578	rVV	287905	382195	5.63%	0.466%
45	18.392	2579	2585	2588	rVV3	856784	1475827	21.74%	1.799%
46	18.421	2588	2590	2596	rVB2	313814	441882	6.51%	0.539%
47	18.580	2615	2617	2623	rVB2	72919	86010	1.27%	0.105%
48	18.692	2630	2636	2641	rBV	368422	580721	8.56%	0.708%
49	18.750	2642	2646	2652	rVB2	105755	209452	3.09%	0.255%
50	18.903	2669	2672	2674	rBV2	58553	72042	1.06%	0.088%
51	18.980	2682	2685	2688	rVB	138679	155545	2.29%	0.190%
52	19.021	2689	2692	2697	rVB2	132293	164751	2.43%	0.201%
53	19.103	2702	2706	2711	rBV	365521	560819	8.26%	0.684%
54	19.239	2726	2729	2731	rBV	104529	131601	1.94%	0.160%
55	19.386	2748	2754	2759	rBV	5311378	6678253	98.39%	8.142%
56	19.445	2759	2764	2766	rBV3	135736	227680	3.35%	0.278%
57	19.533	2775	2779	2786	rVB	314934	426568	6.28%	0.520%
58	19.627	2792	2795	2803	rVB2	272879	572823	8.44%	0.698%
59	19.703	2804	2808	2811	rBV2	536079	871278	12.84%	1.062%
60	19.750	2811	2816	2821	rVV	5348457	6787668	100.00%	8.275%
61	19.803	2821	2825	2829	rVB2	225969	327811	4.83%	0.400%
62	19.933	2841	2847	2855	rBV	3070553	3957820	58.31%	4.825%
63	19.997	2855	2858	2862	rVB	114084	142921	2.11%	0.174%
64	20.062	2862	2869	2876	rBV3	349806	846084	12.47%	1.032%
65	20.139	2878	2882	2886	rVV3	106954	235413	3.47%	0.287%
66	20.197	2887	2892	2894	rVV3	346084	661452	9.74%	0.806%
67	20.233	2894	2898	2904	rVB	981635	1346986	19.84%	1.642%
68	20.333	2911	2915	2919	rBV	864689	1027324	15.14%	1.252%
69	20.391	2922	2925	2928	rVB	456155	506536	7.46%	0.618%
70	20.533	2945	2949	2953	rBV	420074	568376	8.37%	0.693%
71	20.580	2953	2957	2967	rVB2	452839	670817	9.88%	0.818%
72	21.109	3045	3047	3049	rBV	95035	93921	1.38%	0.115%
73	21.150	3050	3054	3057	rVV	597735	945672	13.93%	1.153%
74	21.186	3057	3060	3063	rVB	513231	603180	8.89%	0.735%
75	21.227	3063	3067	3071	rBV2	356248	529778	7.81%	0.646%
76	21.368	3088	3091	3092	rBV	121937	136295	2.01%	0.166%

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77	21.491	3107	3112	3118	rBV2	3027470	5249780	77.34%	6.400%
78	21.544	3118	3121	3125	rVB	2820861	3095659	45.61%	3.774%
79	21.662	3137	3141	3144	rBV	321249	449124	6.62%	0.548%
80	21.727	3149	3152	3160	rVB4	313475	508687	7.49%	0.620%
81	21.833	3166	3170	3175	rBV4	197522	390864	5.76%	0.477%
82	22.074	3208	3211	3217	rVB	556332	694923	10.24%	0.847%
83	22.127	3218	3220	3226	rVB	252133	294065	4.33%	0.359%
84	22.285	3244	3247	3250	rBV	275214	367899	5.42%	0.449%
85	22.397	3263	3266	3275	rVB4	402785	612533	9.02%	0.747%
86	23.185	3393	3400	3405	rBV	1547002	3918064	57.72%	4.777%
87	23.368	3427	3431	3438	rVB	433472	706570	10.41%	0.861%
88	23.715	3484	3490	3501	rVB	1106990	2771693	40.83%	3.379%
89	23.827	3502	3509	3515	rBV	1675205	3219242	47.43%	3.925%
90	23.927	3522	3526	3530	rBV	320930	539570	7.95%	0.658%
91	23.980	3531	3535	3542	rVB	473041	873226	12.86%	1.065%
92	26.468	3951	3958	3969	rVB3	694673	2102187	30.97%	2.563%

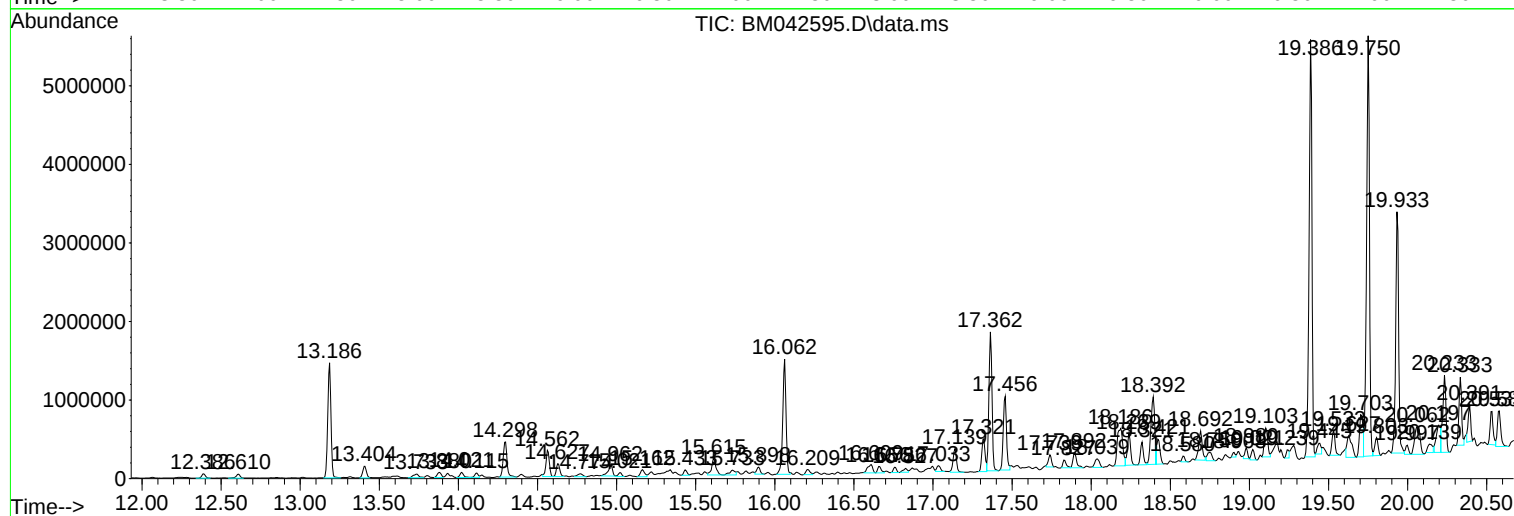
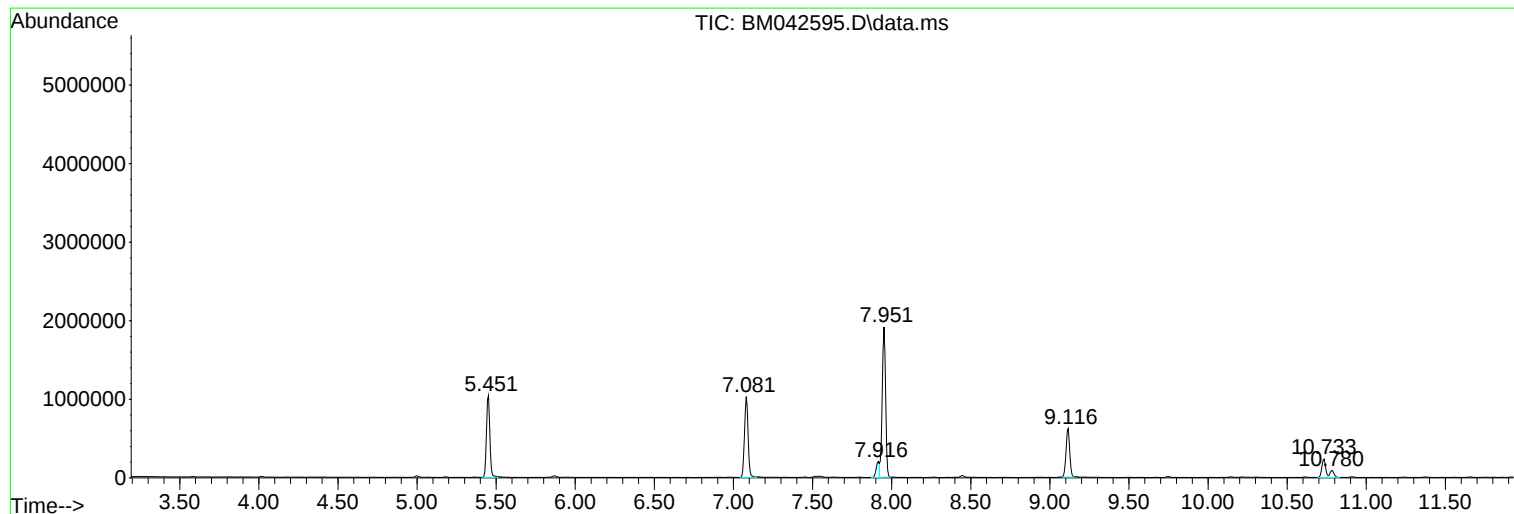
Sum of corrected areas: 82024362

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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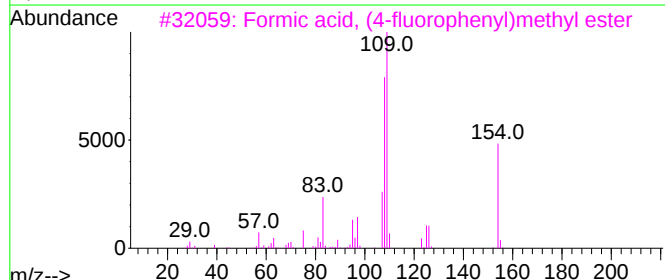
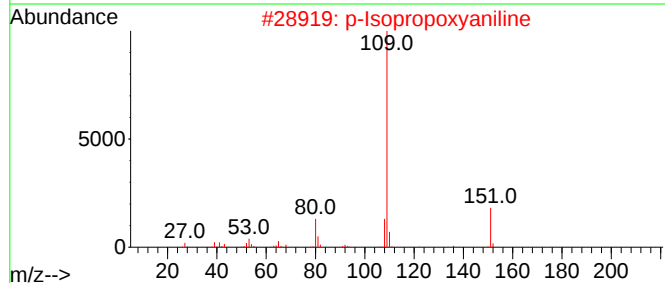
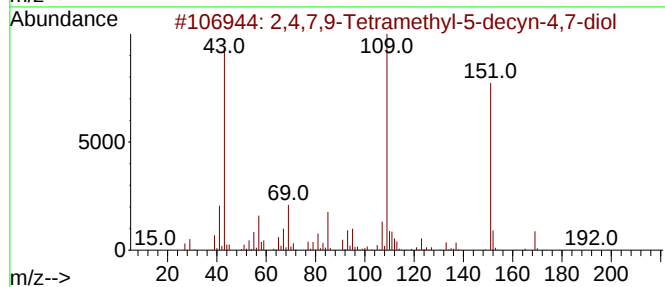
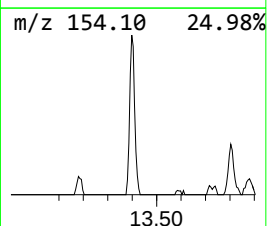
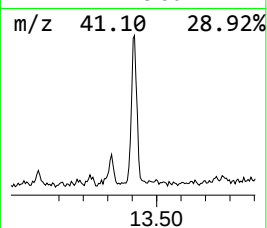
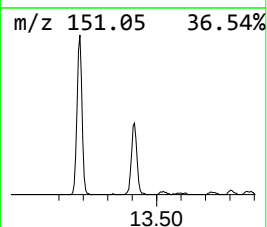
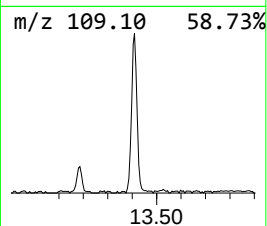
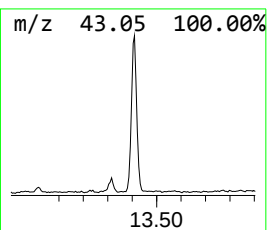
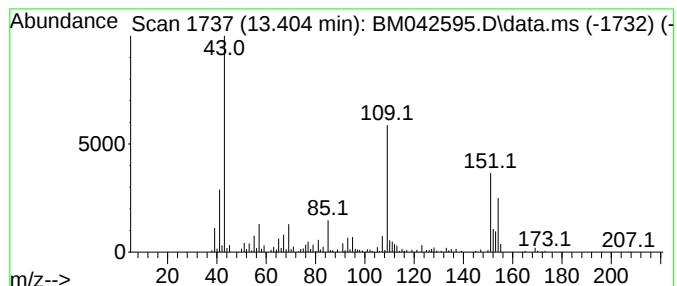
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	9.99 ng	242999	Acenaphthene-d10	14.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	62	
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	43	
3	Formic acid, (4-fluorophenyl)met...	154	C8H7FO2	1000368-72-9	38	
4	Metacetamol	151	C8H9NO2	000621-42-1	38	
5	Benzeneacetic acid, 4-fluoro-	154	C8H7FO2	000405-50-5	38	



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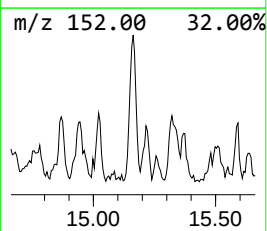
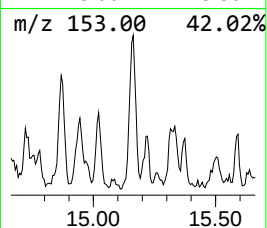
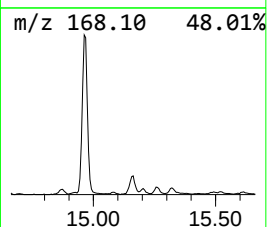
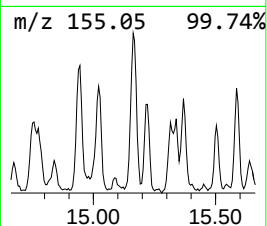
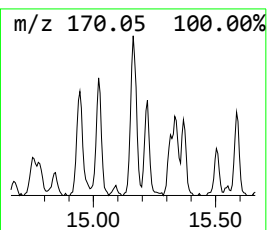
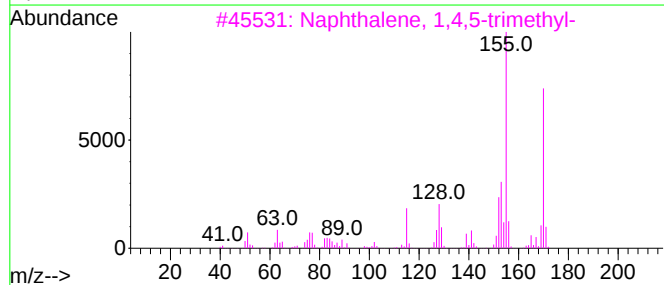
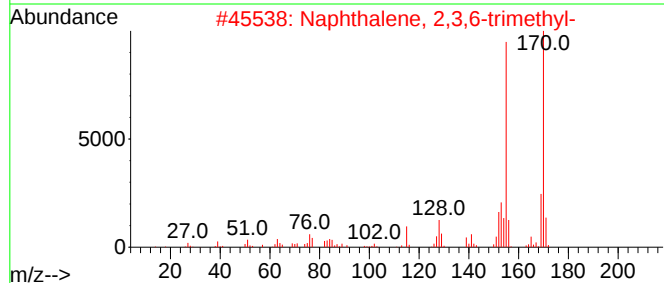
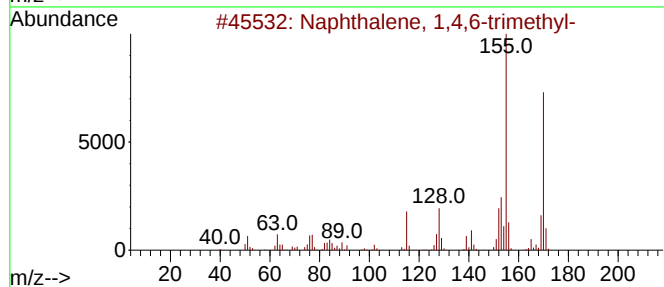
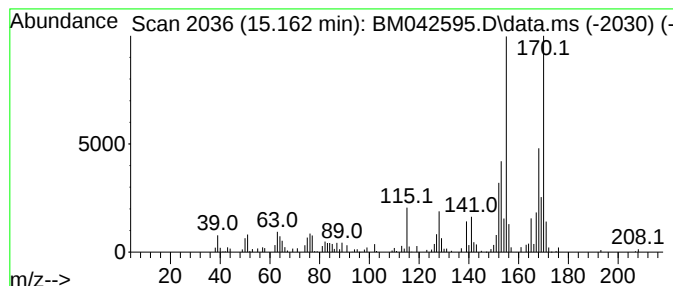
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.162	7.00 ng	170401	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76



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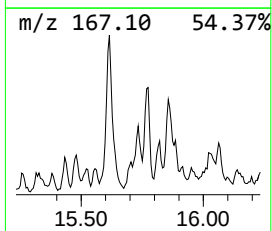
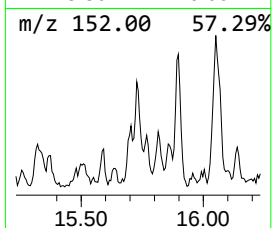
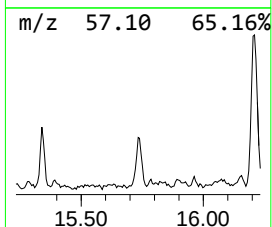
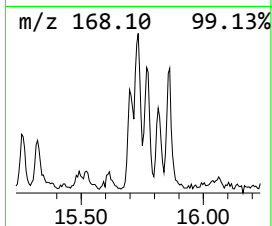
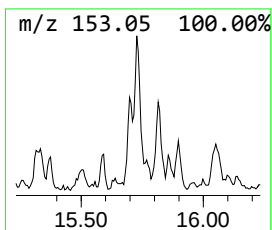
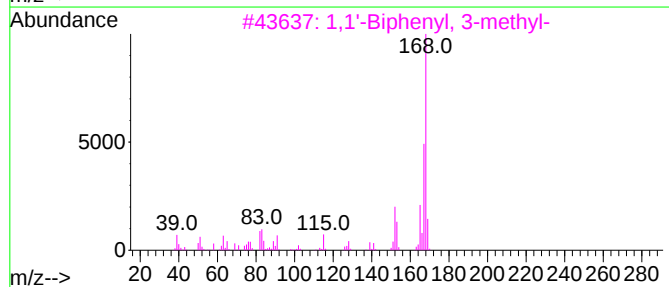
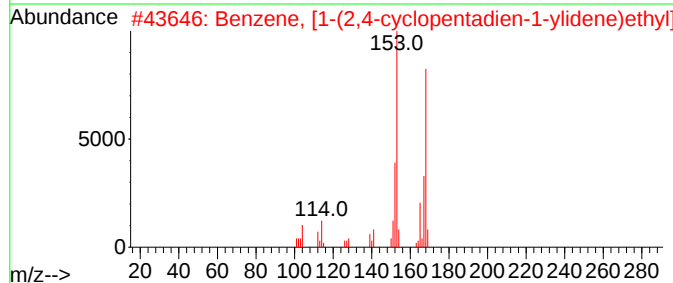
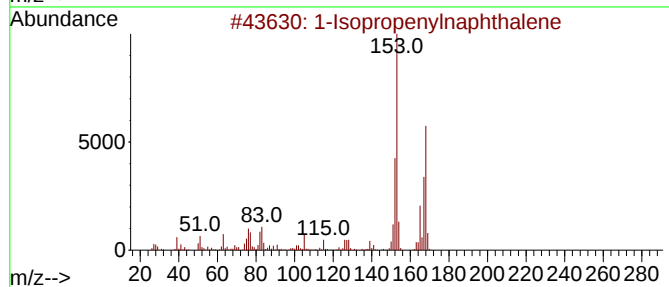
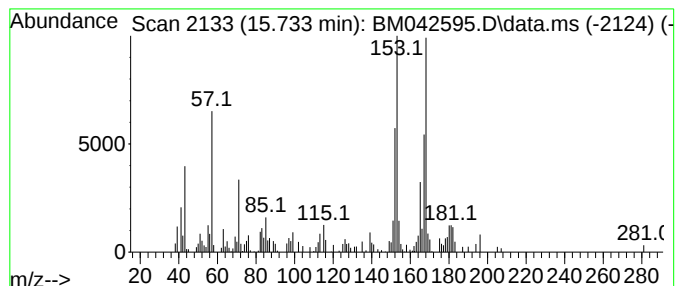
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Isopropenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	6.57 ng	159764	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	62
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
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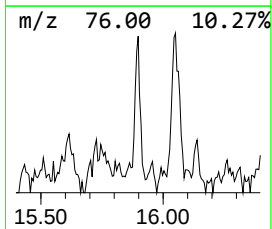
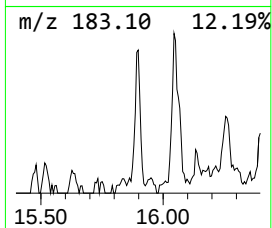
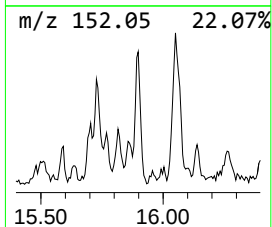
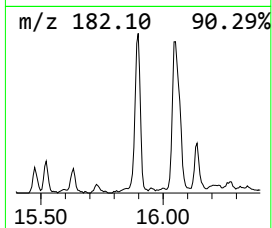
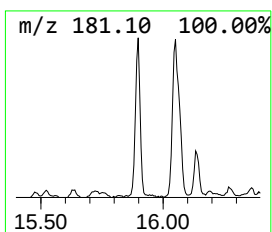
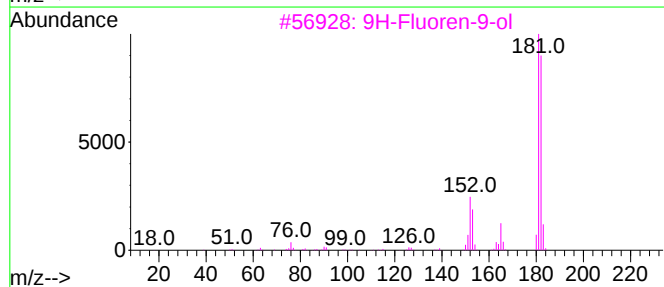
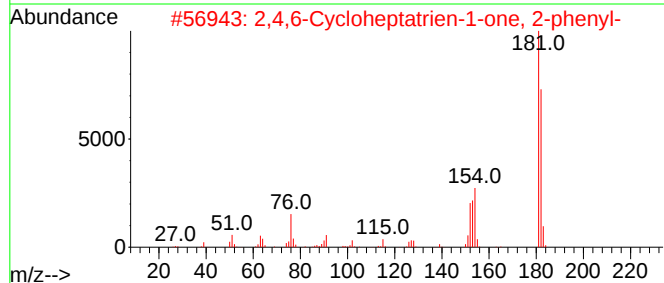
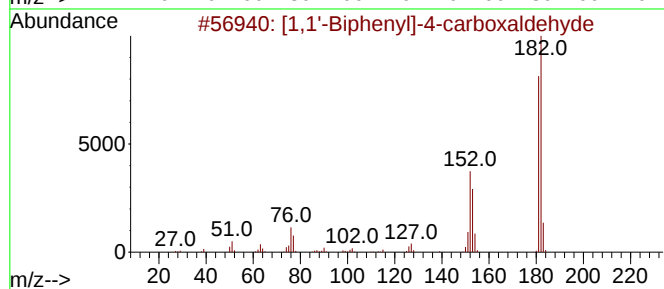
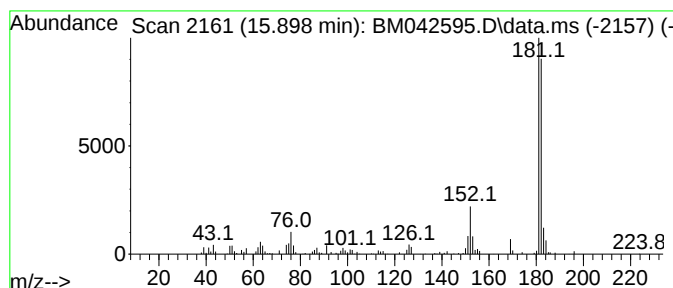
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.898	5.55 ng	134940	Acenaphthene-d10	14.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	Dehydrochamazulene	182	C14H14	321732-25-6	58
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
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ALS Vial : 12 Sample Multiplier: 1

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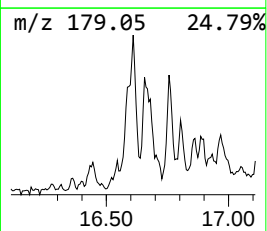
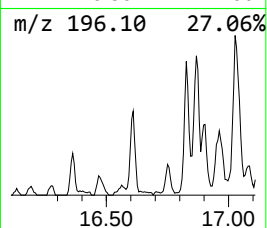
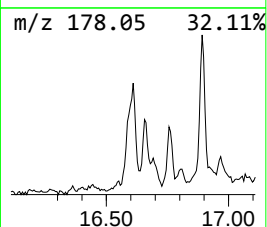
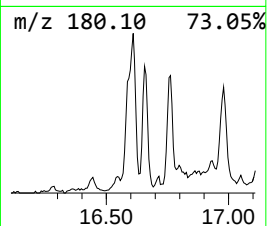
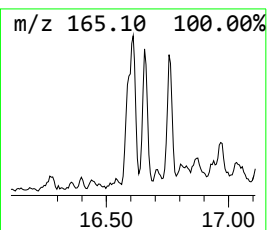
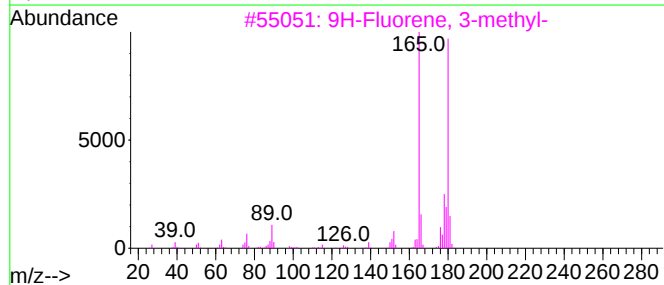
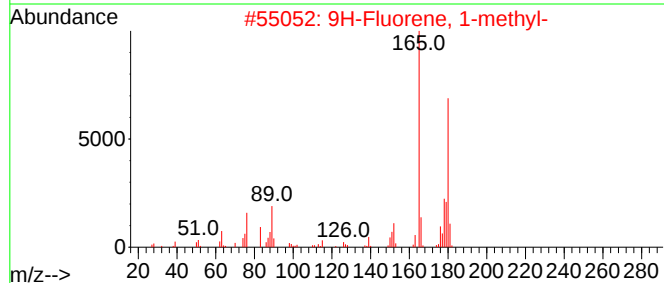
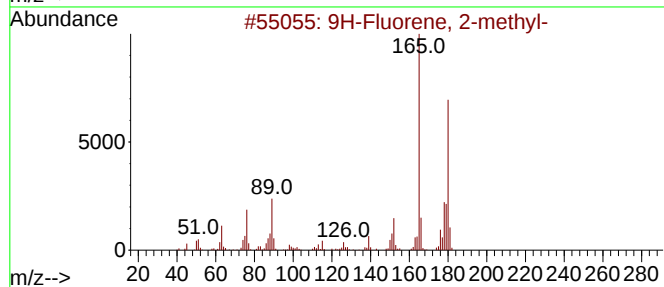
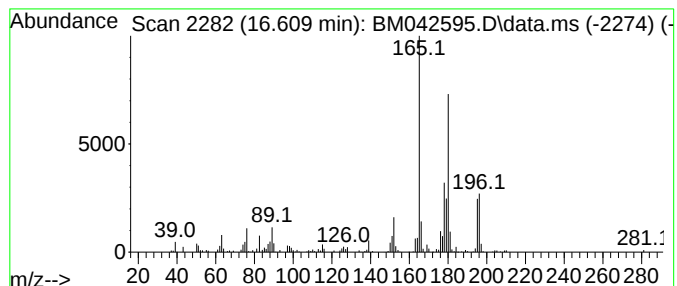
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.609	7.53 ng	232254	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
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Misc :
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Instrument :
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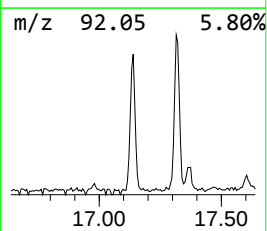
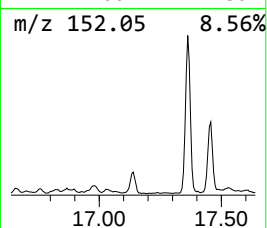
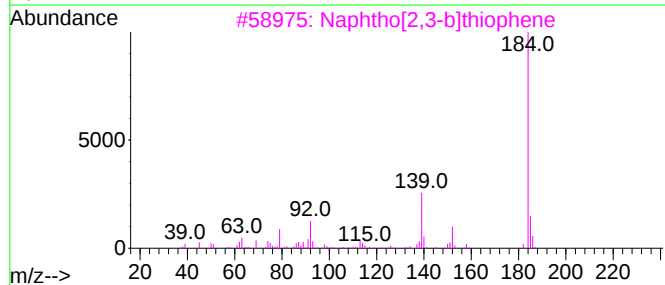
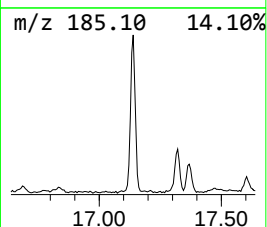
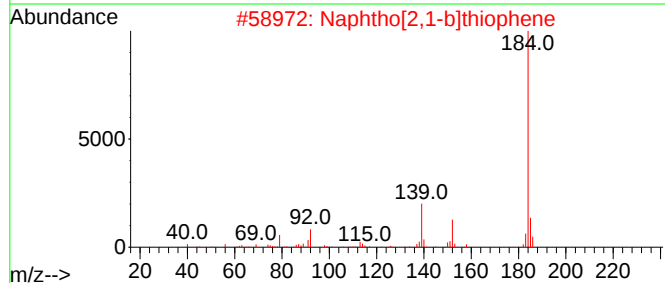
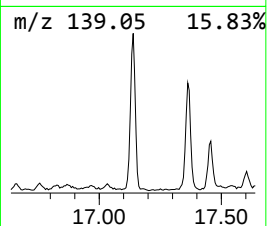
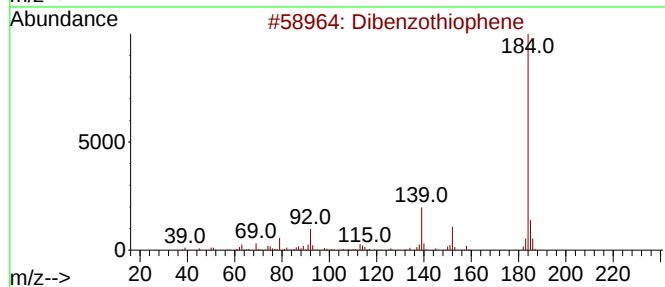
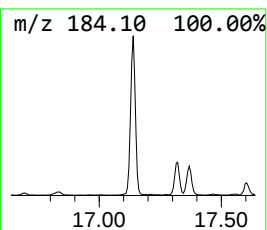
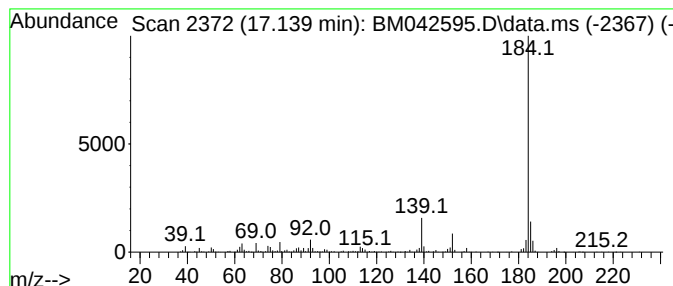
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	14.21 ng	438107	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
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Instrument :
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ClientSampleId :
Z-7(0-5)

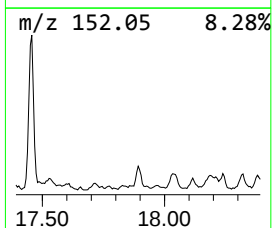
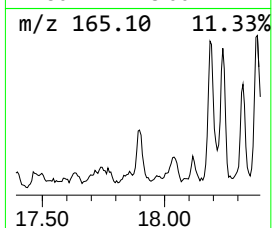
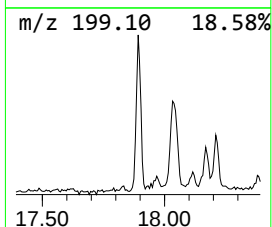
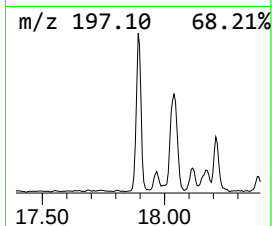
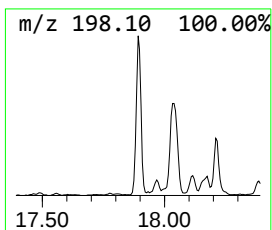
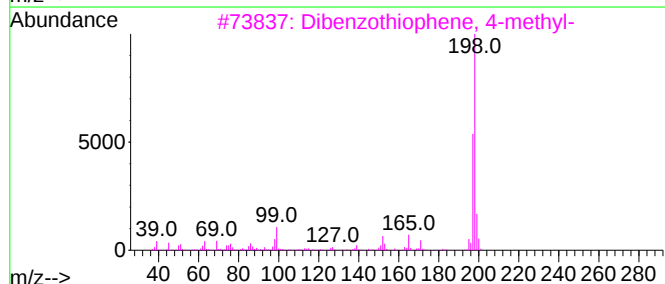
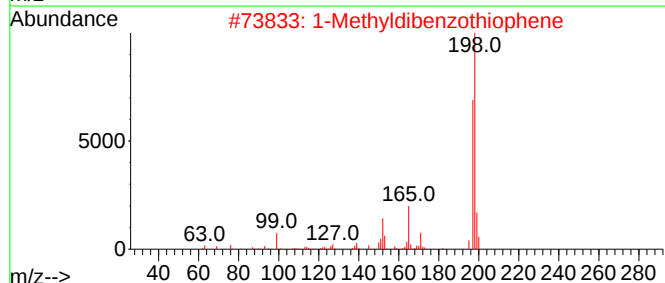
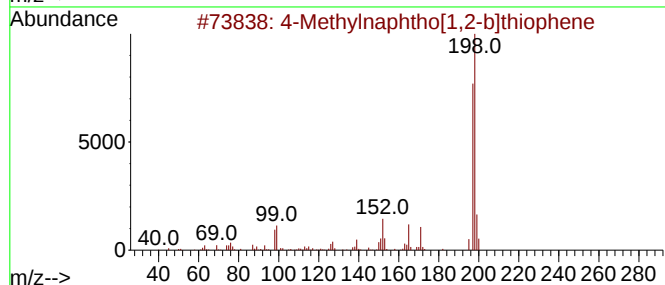
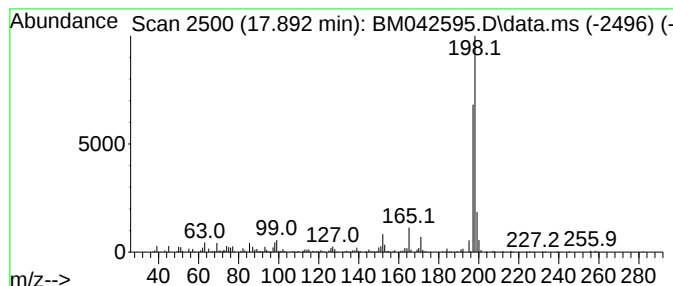
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	10.05 ng	309802	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
5			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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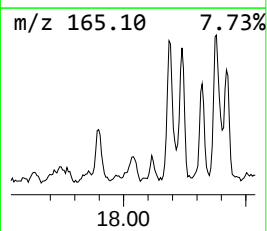
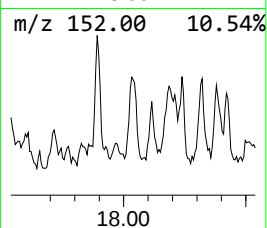
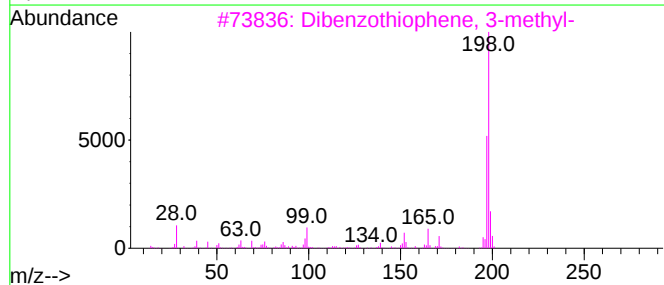
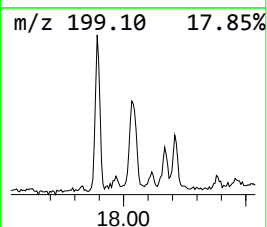
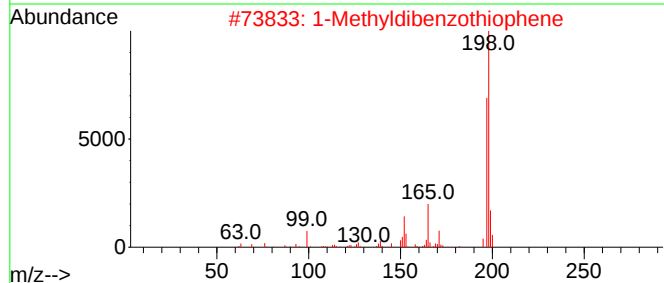
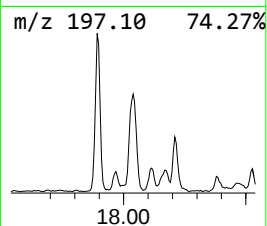
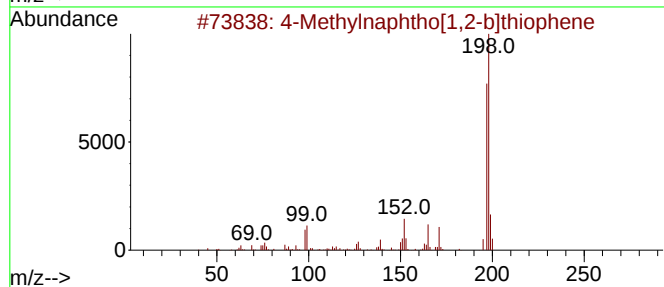
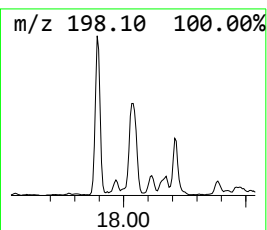
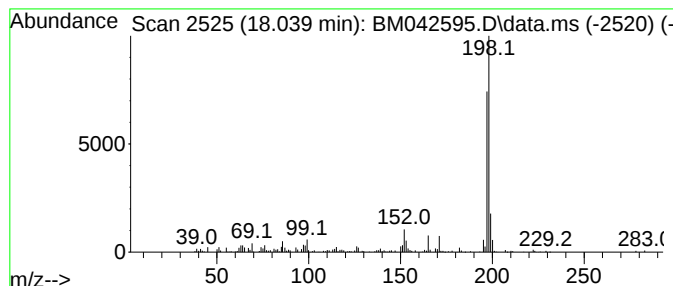
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	7.15 ng	220617	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
3			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
4			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
5			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
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Instrument :
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ClientSampleId :
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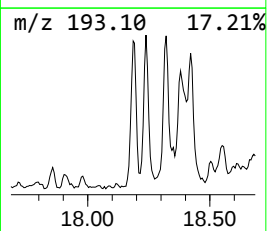
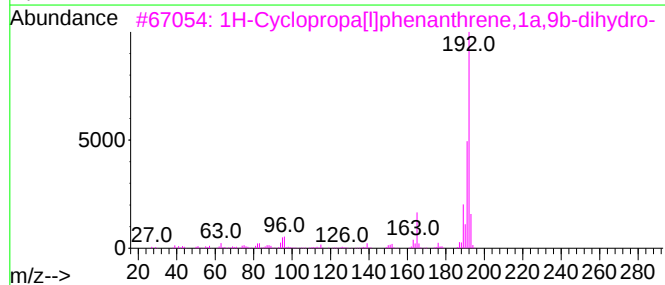
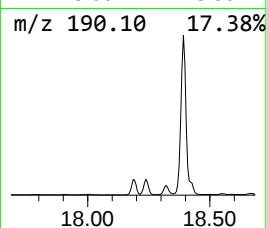
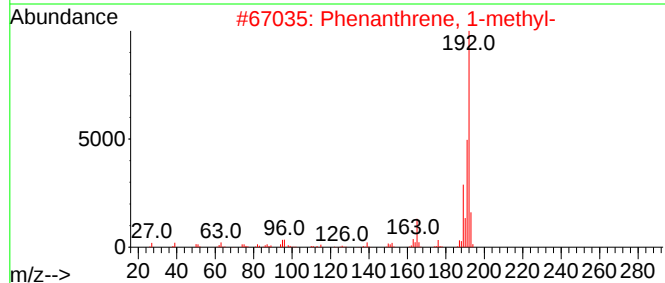
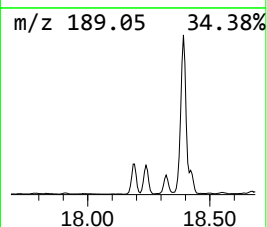
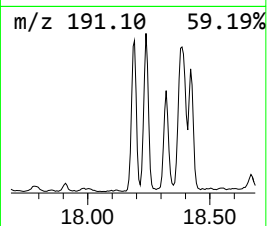
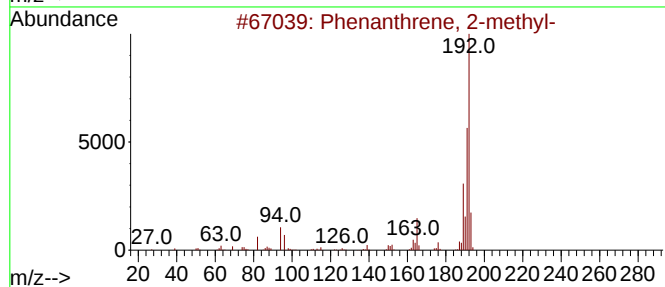
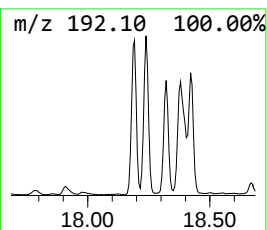
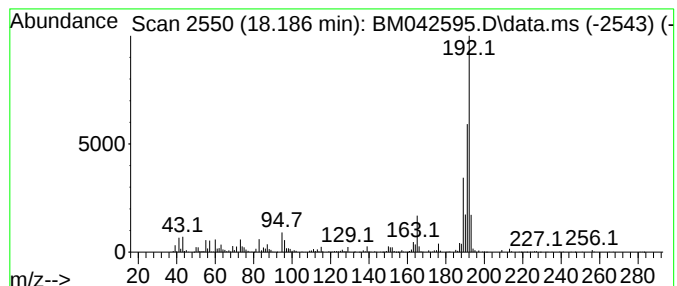
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	37.67 ng	1161820	Phenanthrene-d10	17.321

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			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
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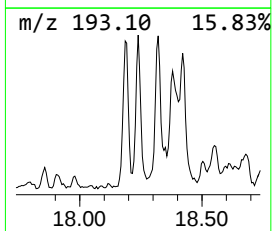
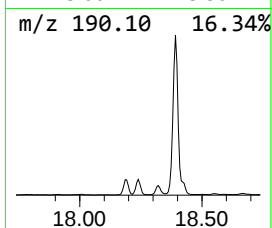
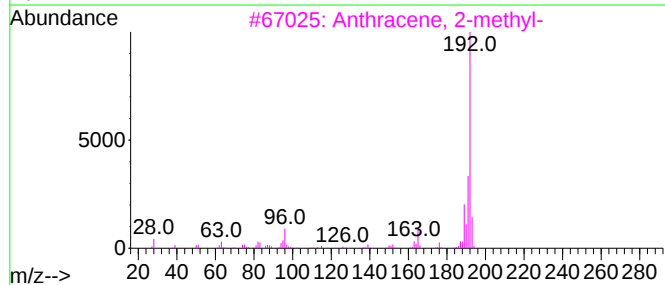
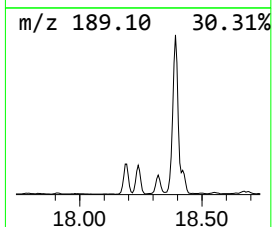
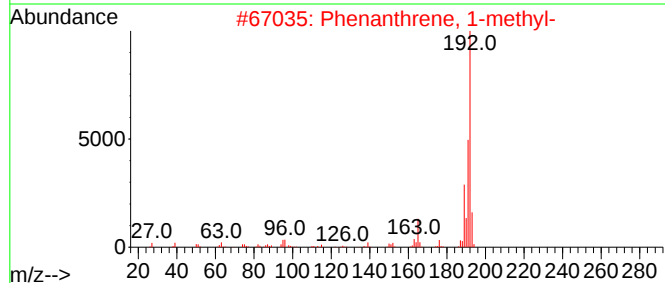
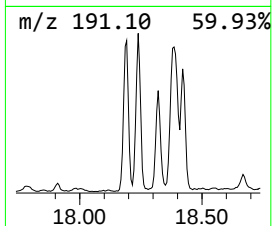
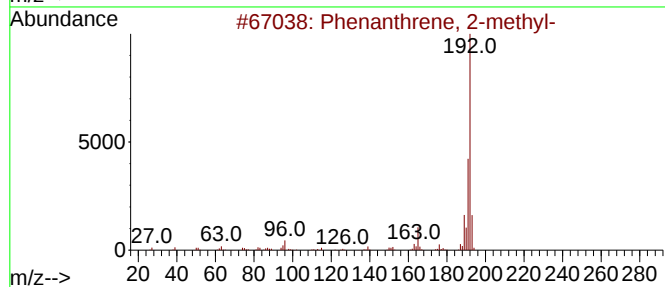
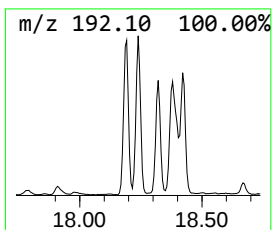
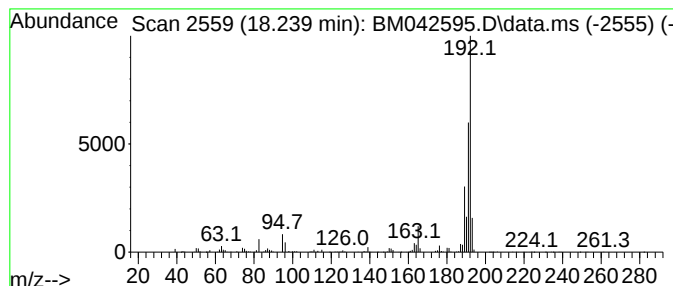
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	18.45 ng	569156	Phenanthrene-d10	17.321

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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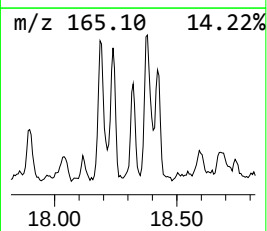
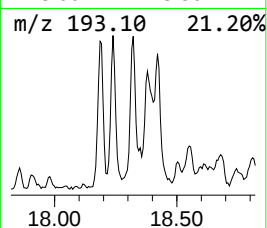
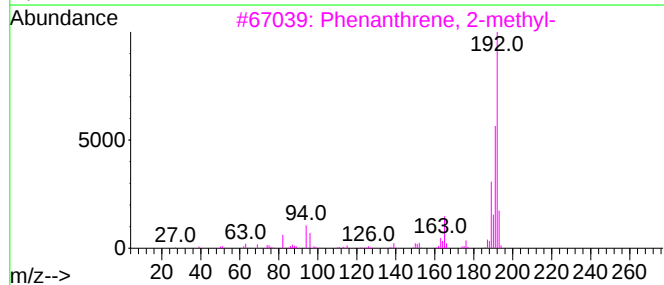
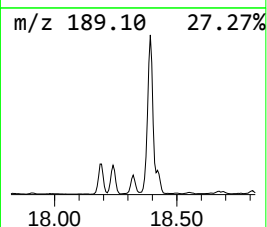
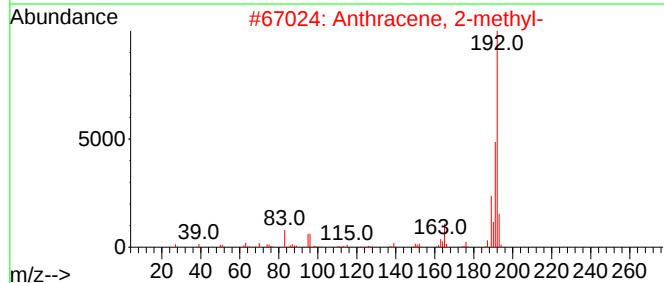
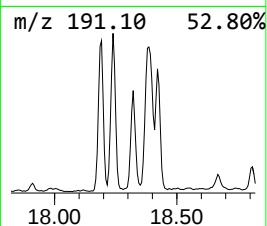
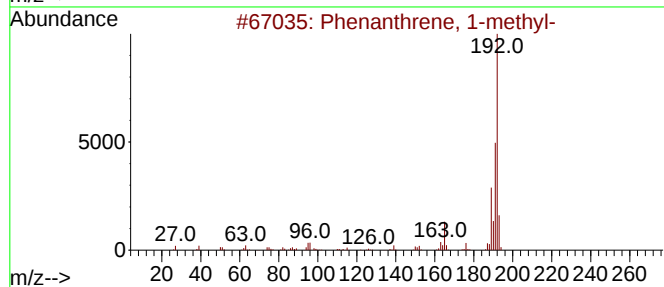
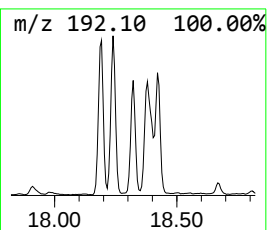
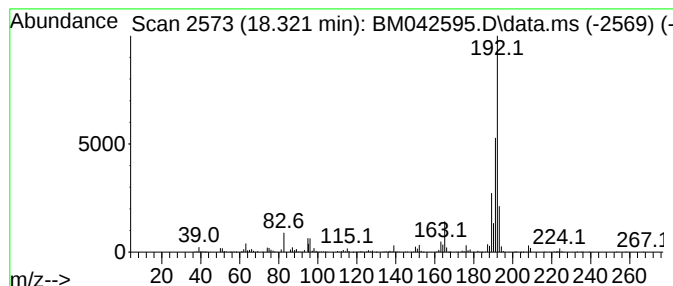
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	12.39 ng	382195	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
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Operator : MA/JU
Sample : 05220-04
Misc :
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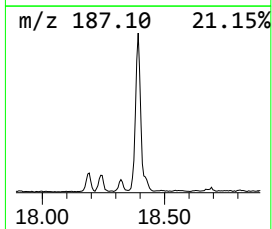
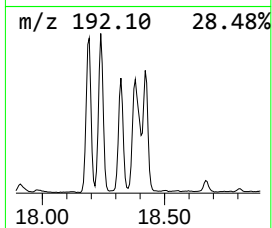
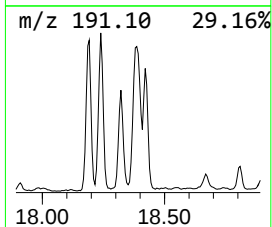
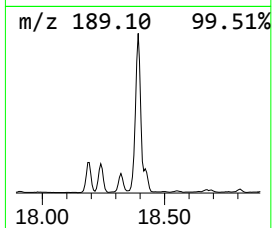
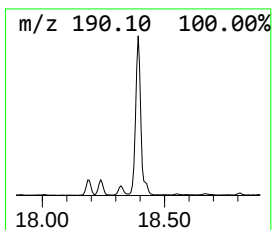
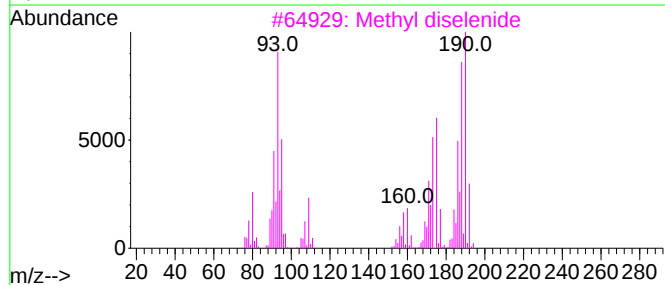
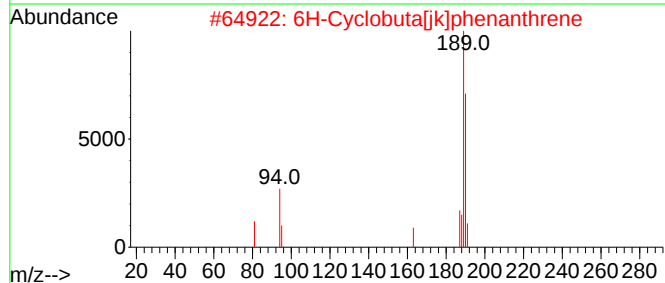
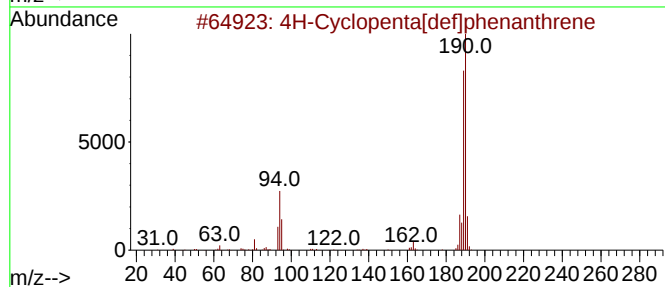
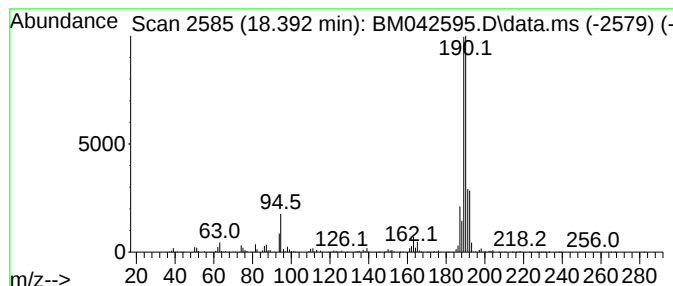
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.392	47.85 ng	1475830	Phenanthrene-d10			17.321
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	72
3	Methyl diselenide		190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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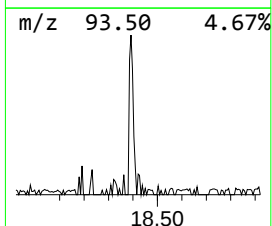
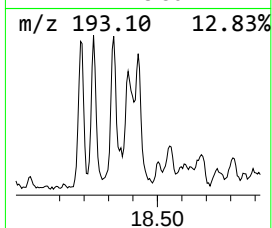
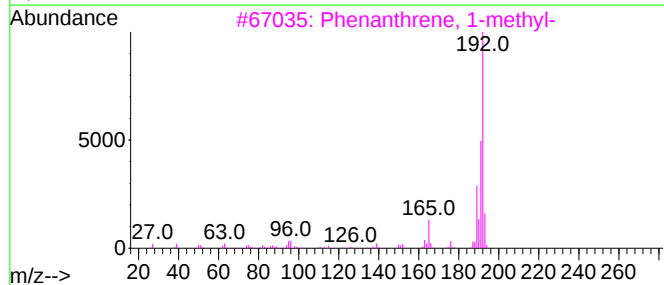
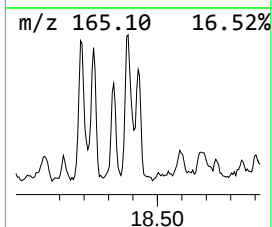
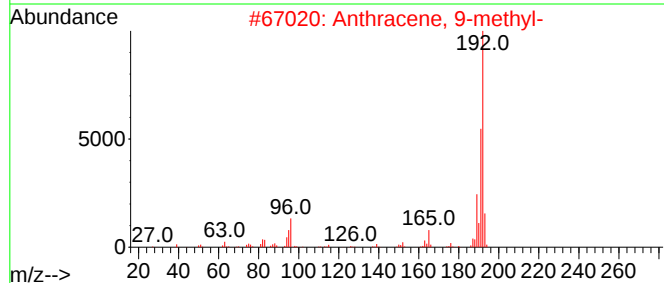
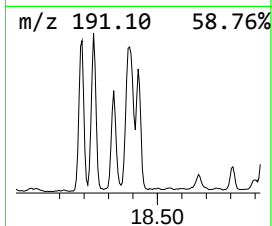
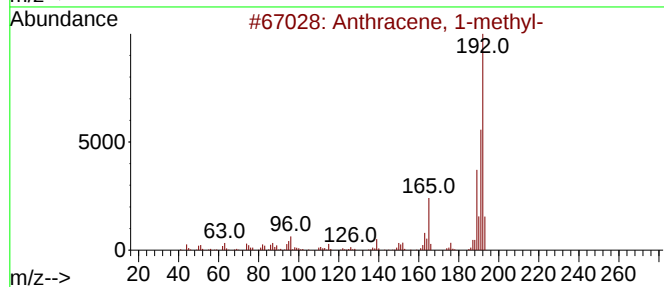
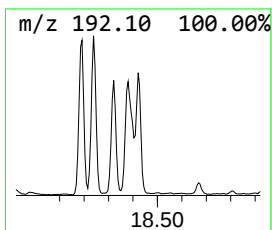
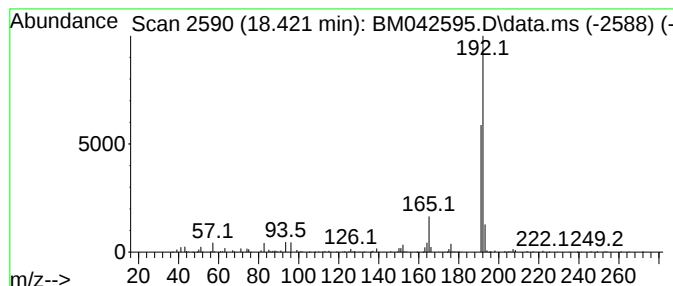
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	14.33 ng	441882	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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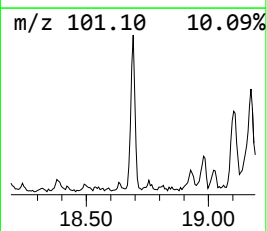
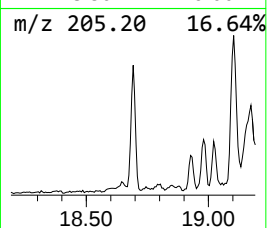
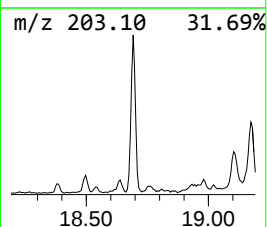
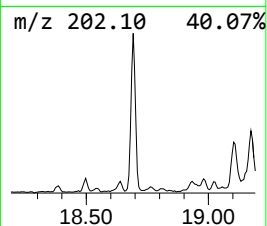
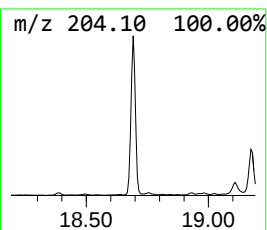
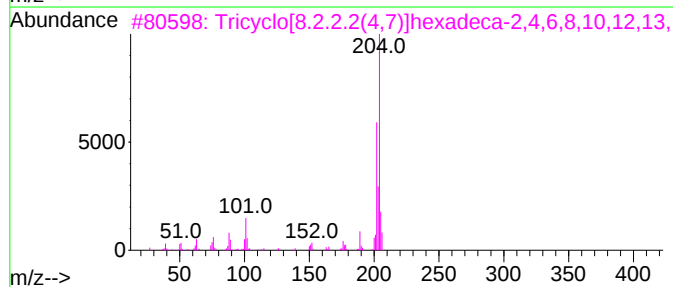
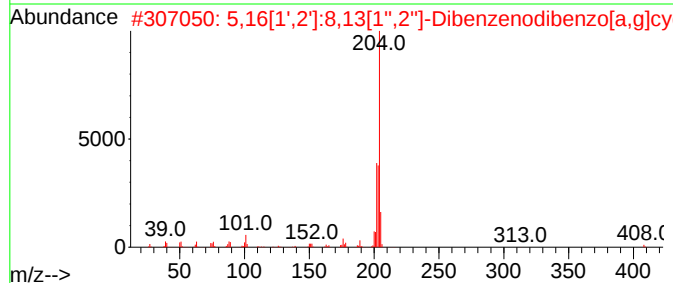
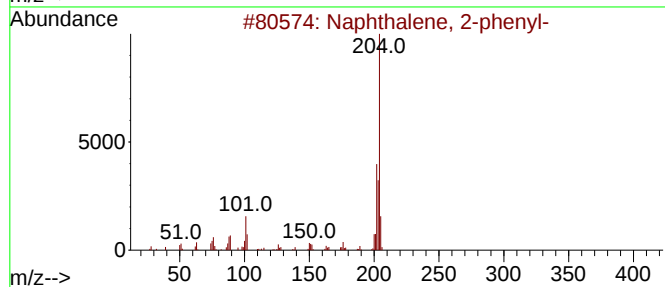
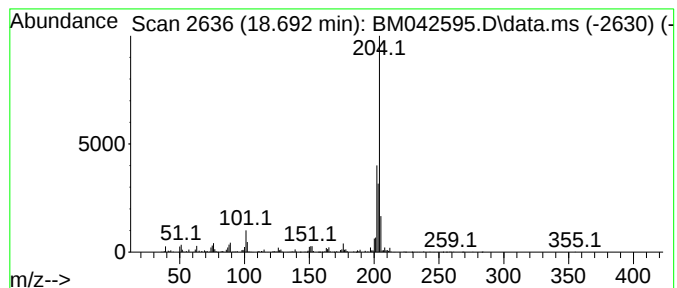
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	18.83 ng	580721	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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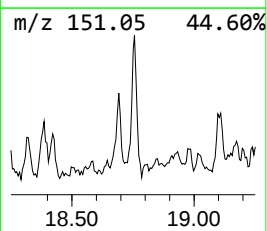
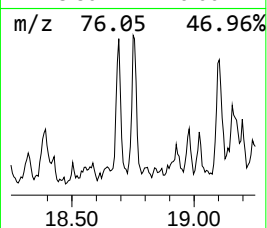
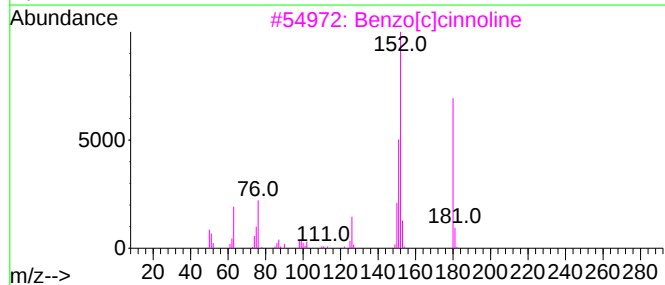
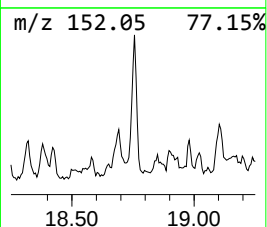
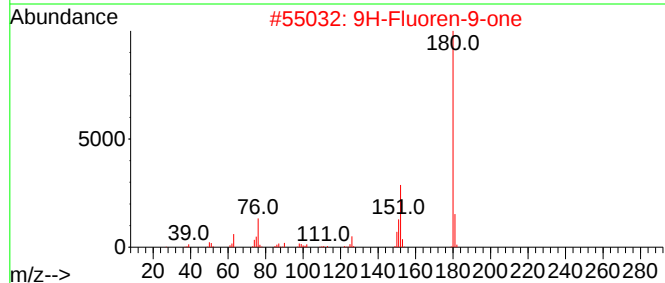
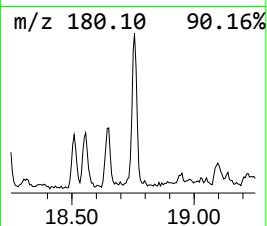
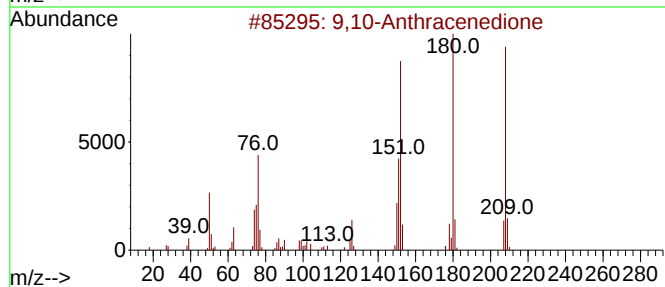
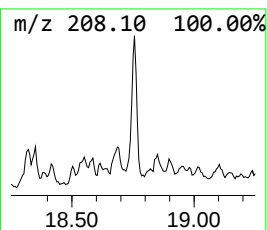
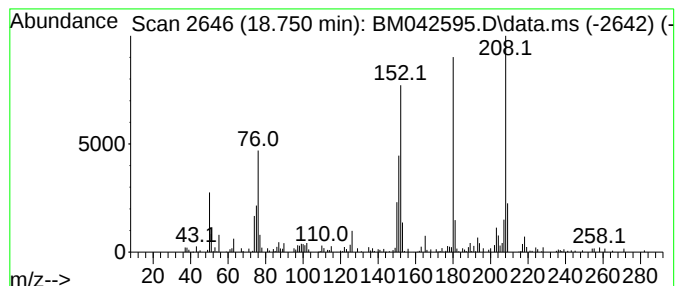
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.750	6.79 ng	209452	Phenanthrene-d10	17.321

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
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ClientSampleId :
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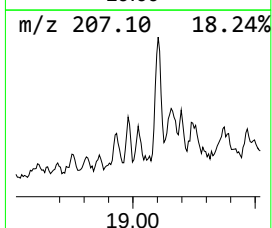
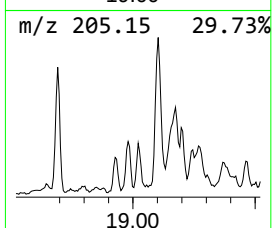
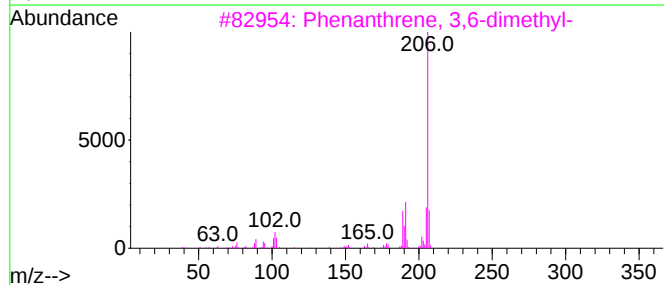
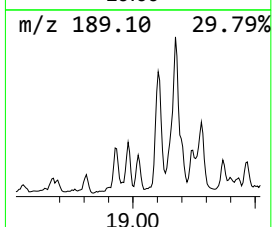
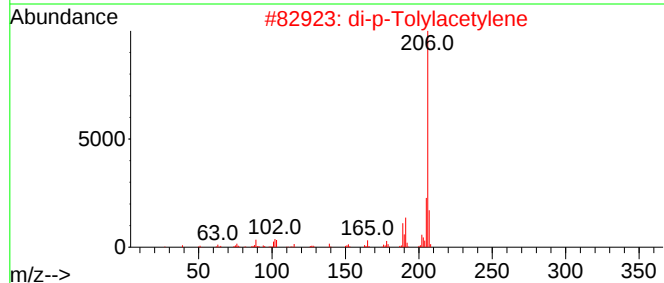
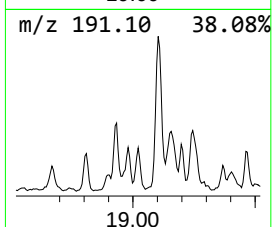
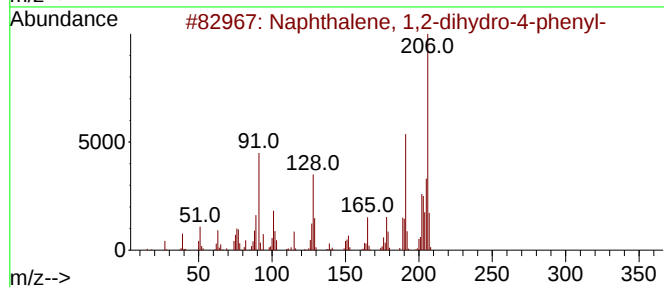
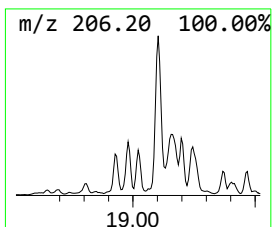
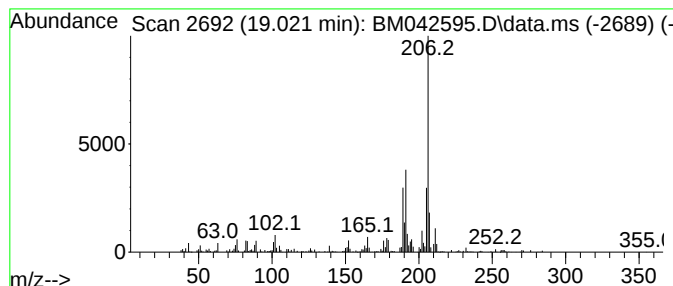
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,2-dihydro-4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	5.34 ng	164751	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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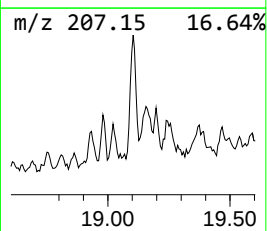
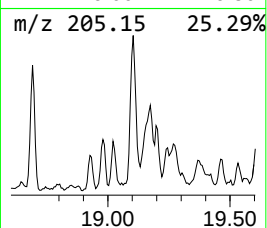
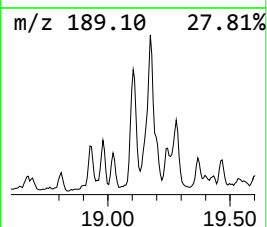
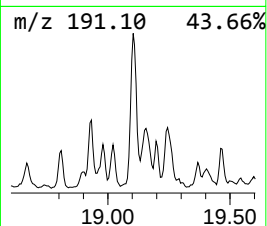
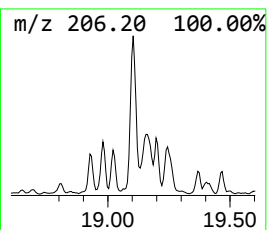
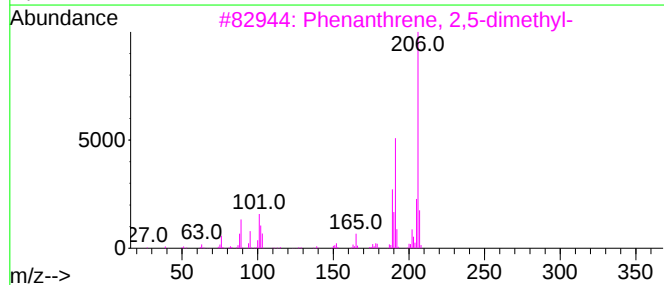
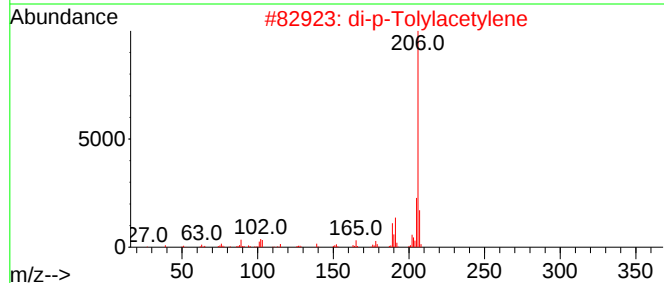
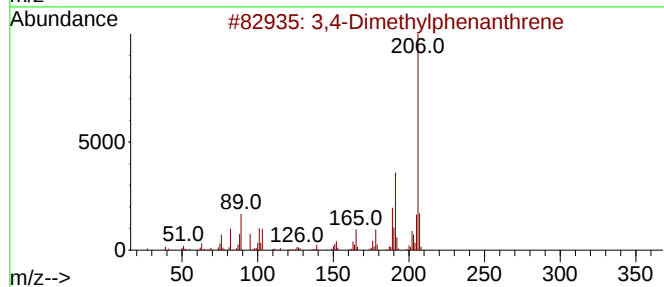
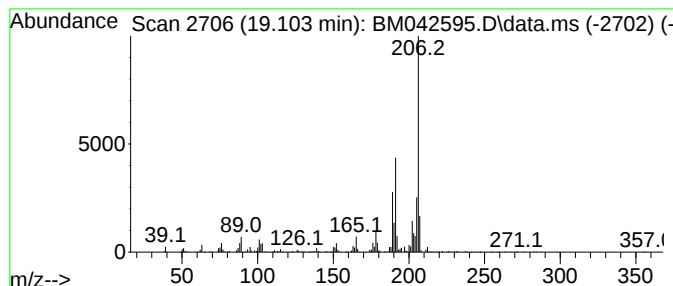
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4-Dimethylphenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.103	18.18 ng	560819	Phenanthrene-d10	17.321

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	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)

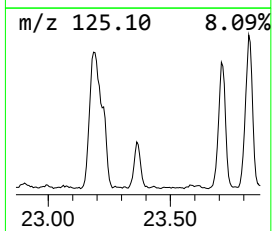
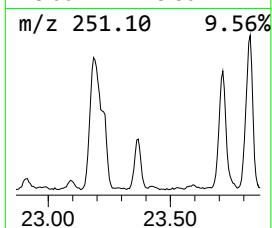
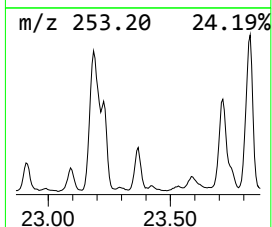
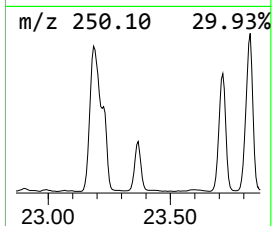
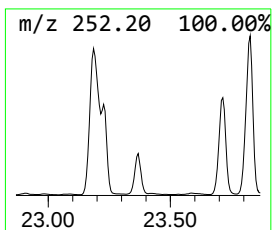
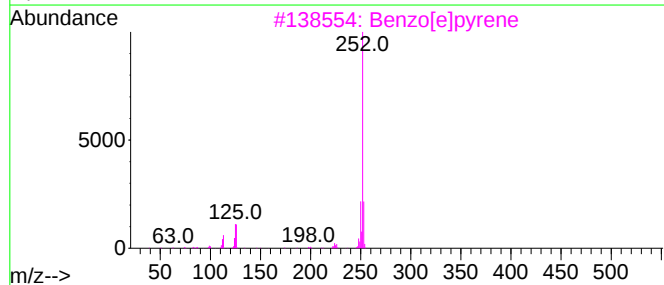
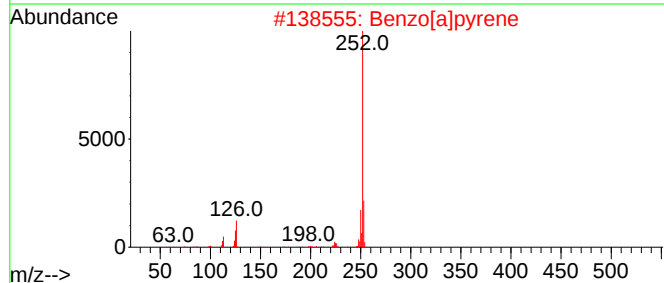
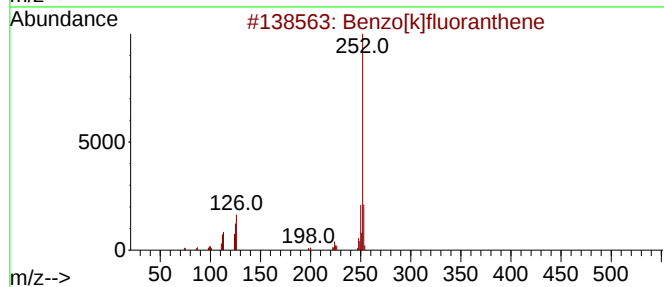
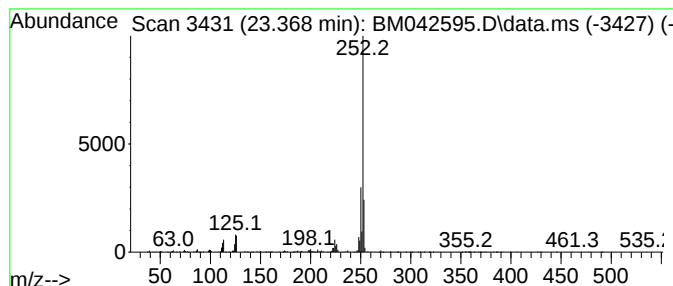
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.368	26.19 ng	706570	Perylene-d12	23.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[e]pyrene	252	C20H12	000192-97-2	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)

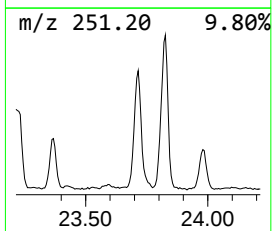
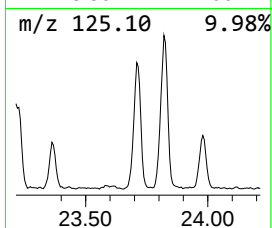
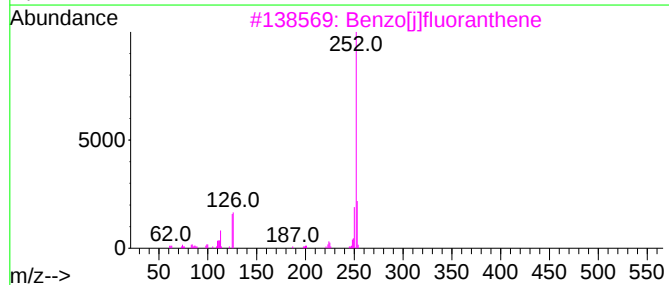
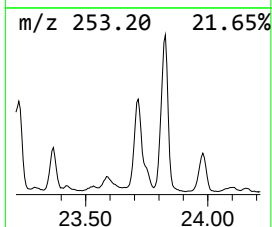
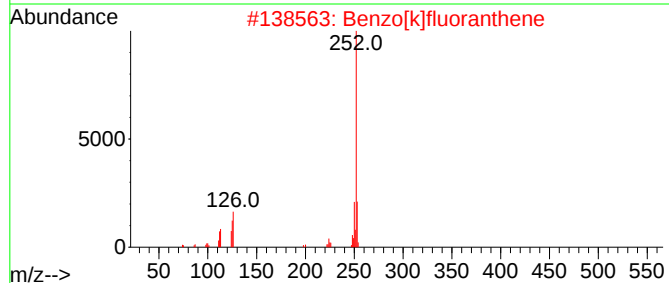
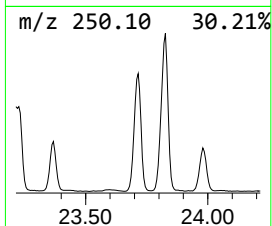
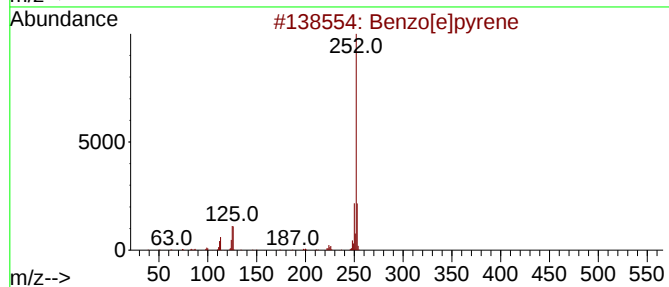
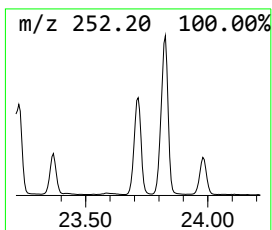
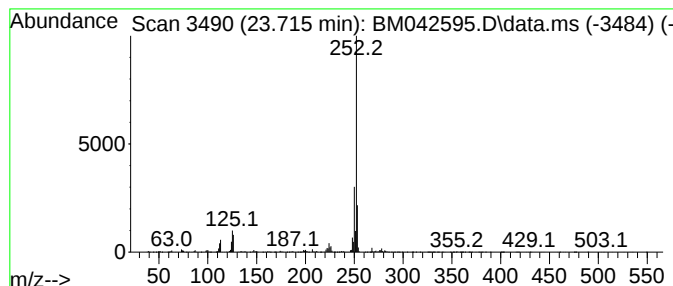
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.715	102.74 ng	2771690	Perylene-d12	23.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)

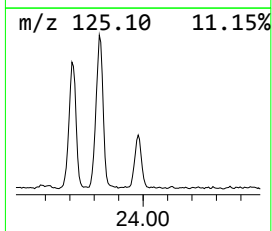
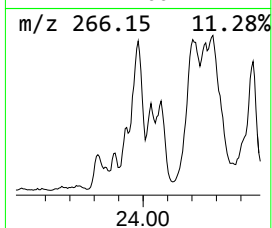
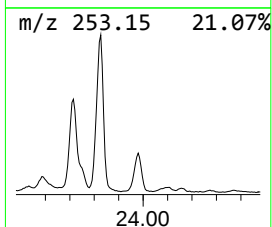
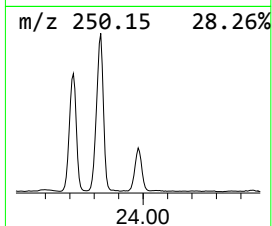
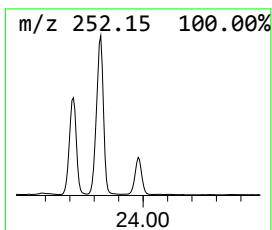
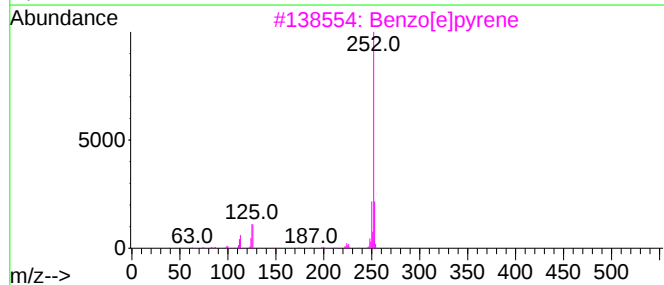
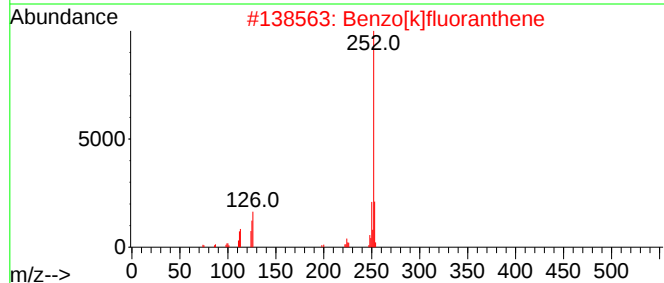
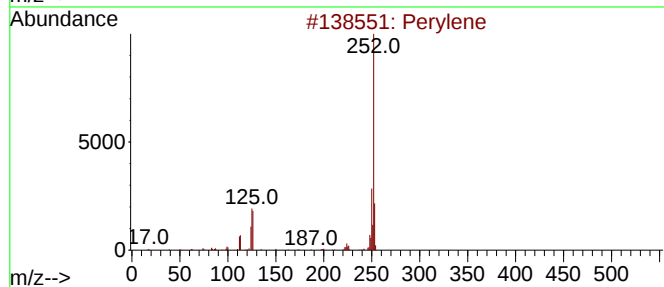
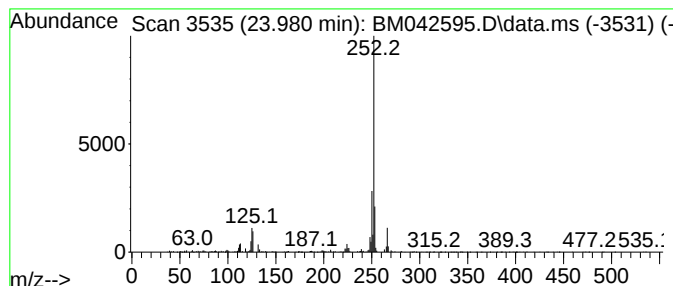
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	32.37 ng	873226	Perylene-d12	23.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[e]pyrene	252	C20H12	000192-97-2	95
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.404	10.0	ng	242999	3	14.563	486634	20.0
Naphthalene, 1,...	15.162	7.0	ng	170401	3	14.563	486634	20.0
1-Isopropenylna...	15.733	6.6	ng	159764	3	14.563	486634	20.0
[1,1'-Biphenyl]...	15.898	5.5	ng	134940	3	14.563	486634	20.0
9H-Fluorene, 2-...	16.609	7.5	ng	232254	4	17.321	616831	20.0
Dibenzothiophene	17.139	14.2	ng	438107	4	17.321	616831	20.0
4-Methylnaphtho...	17.892	10.1	ng	309802	4	17.321	616831	20.0
1-Methyldibenzo...	18.039	7.2	ng	220617	4	17.321	616831	20.0
Phenanthrene, 2...	18.186	37.7	ng	1161820	4	17.321	616831	20.0
Phenanthrene, 1...	18.239	18.4	ng	569156	4	17.321	616831	20.0
Anthracene, 2-m...	18.321	12.4	ng	382195	4	17.321	616831	20.0
4H-Cyclopenta[d...	18.392	47.9	ng	1475830	4	17.321	616831	20.0
Anthracene, 1-m...	18.421	14.3	ng	441882	4	17.321	616831	20.0
Naphthalene, 2-...	18.692	18.8	ng	580721	4	17.321	616831	20.0
9,10-Anthracene...	18.750	6.8	ng	209452	4	17.321	616831	20.0
Naphthalene, 1,...	19.021	5.3	ng	164751	4	17.321	616831	20.0
3,4-Dimethylphe...	19.103	18.2	ng	560819	4	17.321	616831	20.0
Benzo[e]pyrene	23.368	26.2	ng	706570	6	23.927	539570	20.0
Benzo[j]fluoran...	23.715	102.7	ng	2771690	6	23.927	539570	20.0
Perylene	23.980	32.4	ng	873226	6	23.927	539570	20.0