

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060360.D
 Acq On : 18 Jan 2024 20:13
 Operator : MA/JU
 Sample : P1169-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C-COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	403	411	425	rBV	2537894	4091894	30.76%	2.305%
2	7.091	673	681	694	rBV	3045752	5378148	40.43%	3.030%
3	7.931	815	824	836	rBV	854892	1508353	11.34%	0.850%
4	9.088	1014	1021	1040	rBV	2033074	3643147	27.39%	2.052%
5	10.734	1290	1301	1306	rBV	1206061	2190342	16.47%	1.234%
6	10.781	1306	1309	1317	rVB2	126435	221213	1.66%	0.125%
7	12.391	1574	1583	1591	rBV	148649	256838	1.93%	0.145%
8	12.608	1610	1620	1628	rBV	257834	441264	3.32%	0.249%
9	13.190	1710	1719	1730	rBV	5870525	9458221	71.11%	5.328%
10	13.742	1805	1813	1818	rBV4	104691	263646	1.98%	0.149%
11	13.883	1830	1837	1842	rBV2	297106	528553	3.97%	0.298%
12	13.936	1842	1846	1854	rVB2	159917	265142	1.99%	0.149%
13	14.118	1872	1877	1881	rBV	153369	228955	1.72%	0.129%
14	14.282	1896	1905	1914	rBV2	115322	237702	1.79%	0.134%
15	14.564	1942	1953	1959	rBV	2120539	3424299	25.74%	1.929%
16	14.629	1959	1964	1971	rVB	622040	953297	7.17%	0.537%
17	14.770	1983	1988	1997	rVB4	67562	167945	1.26%	0.095%
18	14.870	1997	2005	2010	rBV2	78383	184613	1.39%	0.104%
19	14.958	2014	2020	2027	rVV2	310032	547827	4.12%	0.309%
20	15.034	2027	2033	2039	rVB	137825	219938	1.65%	0.124%
21	15.181	2052	2058	2063	rBV	145036	255816	1.92%	0.144%
22	15.234	2063	2067	2072	rVB	112485	158002	1.19%	0.089%
23	15.352	2079	2087	2090	rBV2	104617	221463	1.66%	0.125%
24	15.610	2125	2131	2142	rVB	650212	1060007	7.97%	0.597%
25	15.704	2142	2147	2149	rBV3	101985	145745	1.10%	0.082%
26	15.734	2149	2152	2156	rVV	136633	209625	1.58%	0.118%
27	15.775	2156	2159	2163	rVB3	154111	190950	1.44%	0.108%
28	15.904	2177	2181	2188	rVB	188477	337740	2.54%	0.190%
29	16.057	2200	2207	2215	rBV	4528282	7180528	53.98%	4.045%
30	16.286	2240	2246	2252	rVB6	133806	254694	1.91%	0.143%
31	16.591	2293	2298	2299	rBV2	141745	186480	1.40%	0.105%
32	16.615	2299	2302	2307	rVV2	190399	326503	2.45%	0.184%
33	16.662	2307	2310	2316	rVB2	179644	274108	2.06%	0.154%
34	16.768	2324	2328	2333	rVB2	118372	167712	1.26%	0.094%
35	16.967	2356	2362	2368	rVB	267239	467974	3.52%	0.264%
36	17.061	2370	2378	2384	rBV5	114742	305587	2.30%	0.172%

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37	17.132	2385	2390	2400	rVB	350293	586413	4.41%	0.330%
38	17.314	2415	2421	2424	rBV	2646874	4059769	30.52%	2.287%
39	17.355	2424	2428	2435	rVV	6247090	9786934	73.58%	5.513%
40	17.443	2435	2443	2449	rVV	1432190	2348557	17.66%	1.323%
41	17.502	2449	2453	2457	rVB2	138313	248347	1.87%	0.140%
42	17.714	2482	2489	2499	rVV2	466660	892180	6.71%	0.503%
43	17.831	2506	2509	2513	rBV	162927	197726	1.49%	0.111%
44	17.896	2515	2520	2529	rVB	283771	467068	3.51%	0.263%
45	18.037	2540	2544	2552	rVB	134071	257724	1.94%	0.145%
46	18.107	2552	2556	2560	rBV3	110324	168062	1.26%	0.095%
47	18.190	2564	2570	2574	rVV2	1296228	2089611	15.71%	1.177%
48	18.237	2574	2578	2586	rVV	1524751	2285851	17.19%	1.288%
49	18.319	2587	2592	2597	rVV	545997	841935	6.33%	0.474%
50	18.383	2597	2603	2607	rVV2	1592768	3276278	24.63%	1.846%
51	18.419	2607	2609	2616	rVB	933242	1237293	9.30%	0.697%
52	18.495	2618	2622	2626	rVV4	106673	164104	1.23%	0.092%
53	18.589	2634	2638	2641	rVB4	93467	140300	1.05%	0.079%
54	18.689	2650	2655	2658	rBV	734303	987383	7.42%	0.556%
55	18.730	2658	2662	2668	rVB2	429432	704000	5.29%	0.397%
56	18.812	2673	2676	2682	rBV3	120287	186298	1.40%	0.105%
57	18.936	2693	2697	2701	rVV	307891	488716	3.67%	0.275%
58	18.983	2702	2705	2708	rVV	272813	375495	2.82%	0.212%
59	19.024	2708	2712	2716	rVB4	230746	340100	2.56%	0.192%
60	19.106	2721	2726	2731	rBV2	855972	1477621	11.11%	0.832%
61	19.171	2732	2737	2740	rVV3	231708	380604	2.86%	0.214%
62	19.247	2745	2750	2758	rBV4	504487	991029	7.45%	0.558%
63	19.371	2765	2771	2777	rBV	8191070	11967219	89.97%	6.742%
64	19.429	2779	2781	2784	rVV	184806	218802	1.64%	0.123%
65	19.465	2784	2787	2792	rVB2	294454	415438	3.12%	0.234%
66	19.564	2800	2804	2807	rBV4	132317	192721	1.45%	0.109%
67	19.611	2809	2812	2816	rVV	232215	302045	2.27%	0.170%
68	19.705	2822	2828	2829	rBV2	1470905	2066285	15.53%	1.164%
69	19.735	2829	2833	2840	rVV	7404197	11373255	85.51%	6.407%
70	19.799	2840	2844	2851	rVB3	428319	777107	5.84%	0.438%
71	19.935	2858	2867	2871	rBV	9272333	13301163	100.00%	7.493%
72	19.970	2871	2873	2879	rVB	515162	709661	5.34%	0.400%
73	20.064	2882	2889	2894	rBV5	596932	1524049	11.46%	0.859%
74	20.193	2906	2911	2912	rBV5	430812	642108	4.83%	0.362%
75	20.222	2913	2916	2921	rVB	1107970	1631757	12.27%	0.919%
76	20.322	2929	2933	2937	rBV	611479	844546	6.35%	0.476%

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77	20.381	2938	2943	2947	rVV2	799815	1345538	10.12%	0.758%
78	20.422	2947	2950	2954	rVB3	227221	307735	2.31%	0.173%
79	20.522	2963	2967	2971	rBV	607286	859335	6.46%	0.484%
80	20.569	2971	2975	2979	rVB	545874	745242	5.60%	0.420%
81	20.980	3041	3045	3052	rVB	655074	1040972	7.83%	0.586%
82	21.163	3069	3076	3080	rBV3	622100	1296896	9.75%	0.731%
83	21.210	3080	3084	3088	rVV2	770660	1386540	10.42%	0.781%
84	21.251	3088	3091	3096	rVV2	628281	1192890	8.97%	0.672%
85	21.309	3097	3101	3114	rVB	762141	1353070	10.17%	0.762%
86	21.562	3134	3144	3151	rBV3	4564812	12190113	91.65%	6.867%
87	21.627	3151	3155	3163	rVB	3270881	5434336	40.86%	3.061%
88	21.774	3175	3180	3185	rBV	620522	1022819	7.69%	0.576%
89	21.979	3210	3215	3221	rBV3	360190	692059	5.20%	0.390%
90	22.297	3265	3269	3275	rVB	600715	1008190	7.58%	0.568%
91	22.367	3277	3281	3288	rVB2	379476	653400	4.91%	0.368%
92	22.561	3311	3314	3318	rBV2	253387	364152	2.74%	0.205%
93	23.742	3506	3515	3522	rBV	2036185	6871126	51.66%	3.871%
94	23.995	3552	3558	3565	rVB	371761	866087	6.51%	0.488%
95	24.453	3628	3636	3651	rVB	1167828	3437735	25.85%	1.937%
96	24.594	3653	3660	3674	rVB	1690456	4720482	35.49%	2.659%
97	24.747	3678	3686	3693	rBV	1339606	3821791	28.73%	2.153%

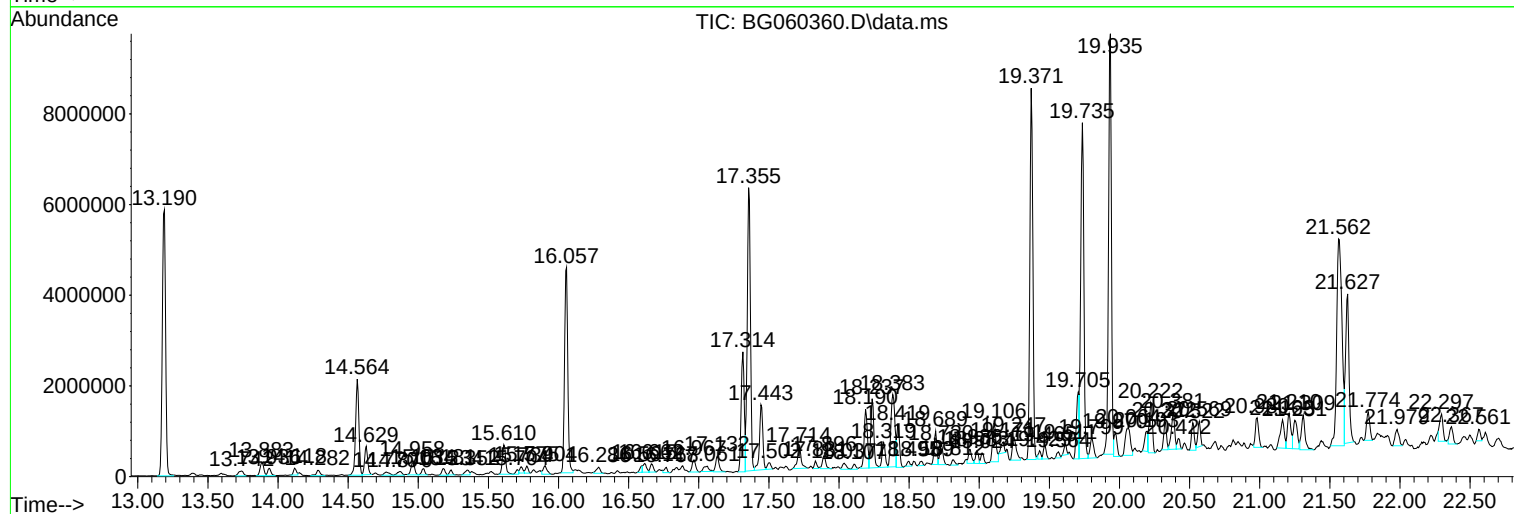
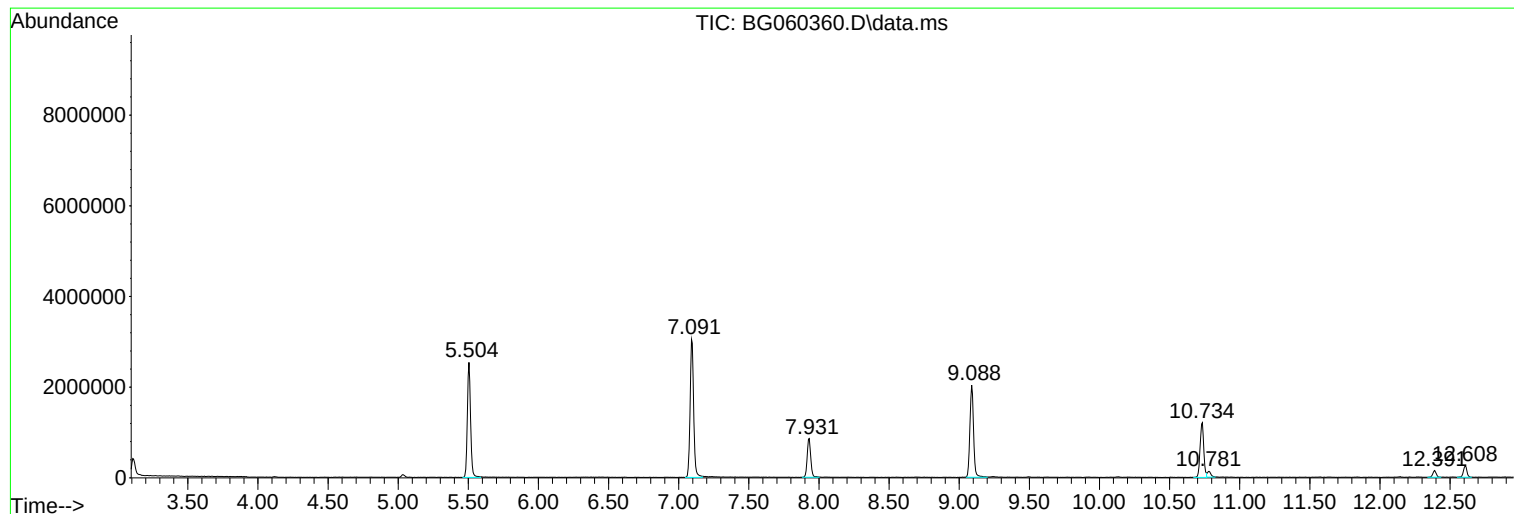
Sum of corrected areas: 177510333

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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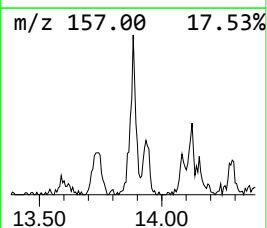
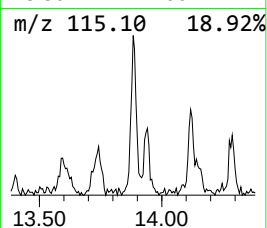
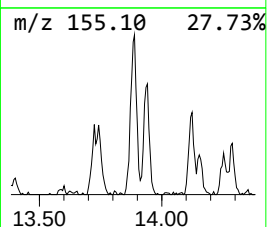
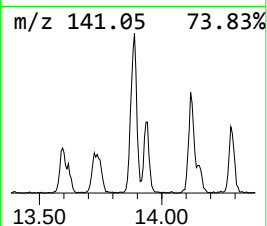
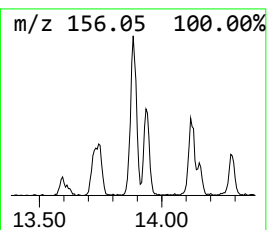
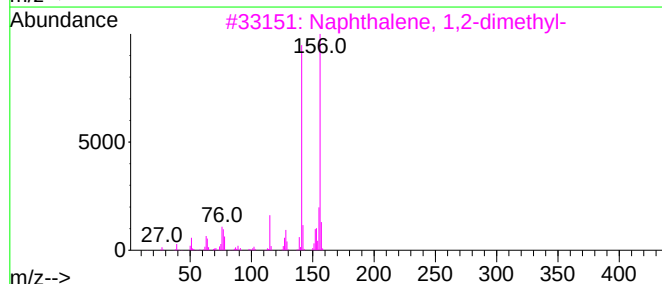
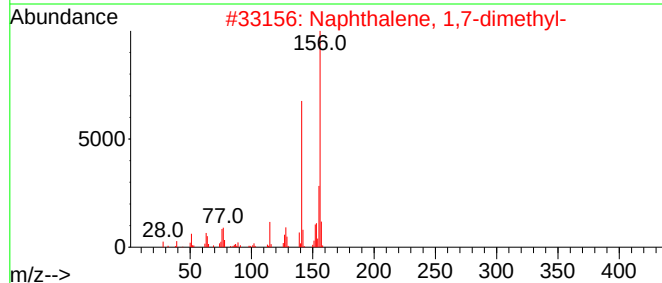
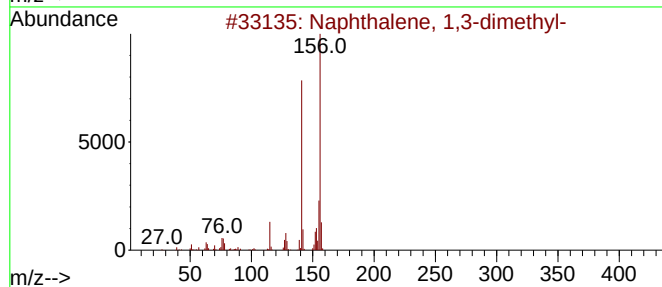
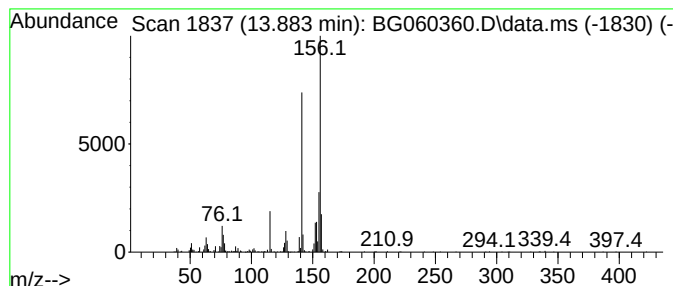
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.883	3.09 ng	528553	Acenaphthene-d10	14.564

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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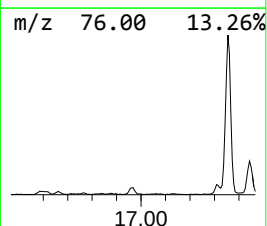
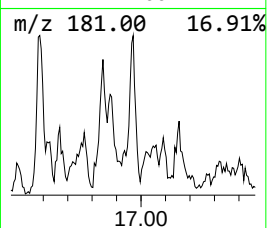
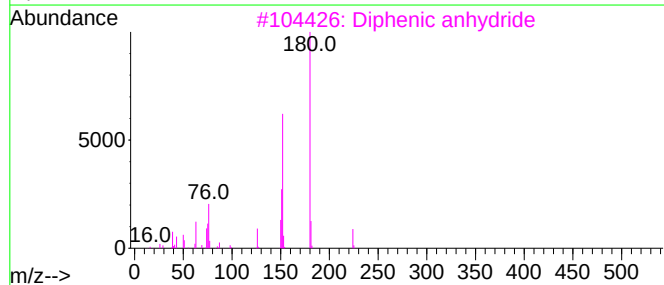
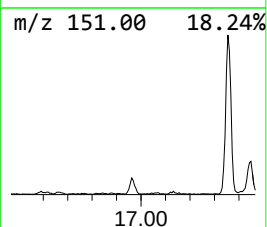
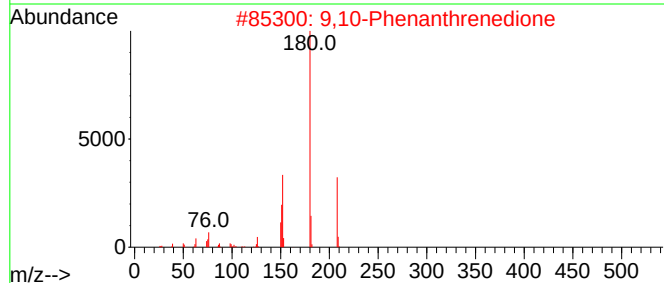
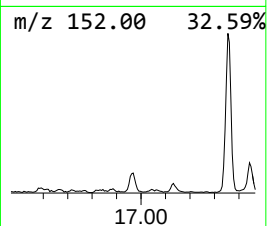
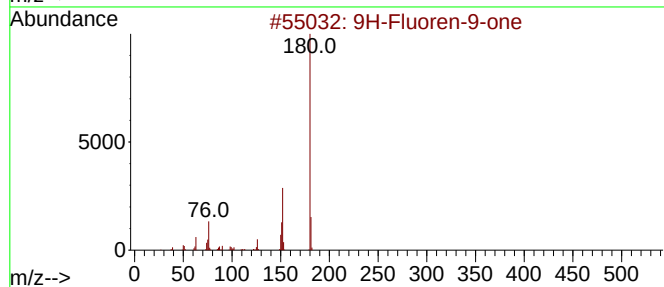
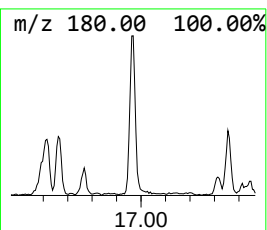
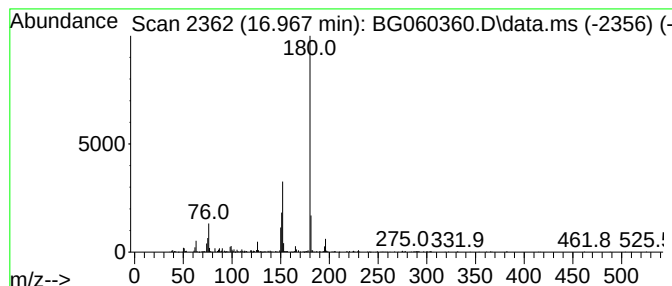
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.968	2.31 ng	467974	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
3			Diphenic anhydride	224	C14H8O3	006050-13-1	83
4			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	72
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	62



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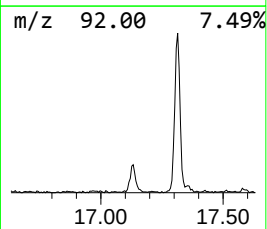
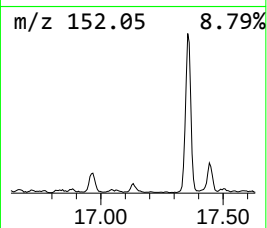
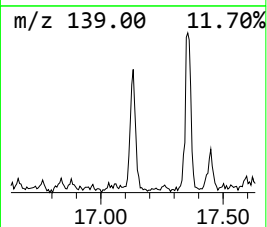
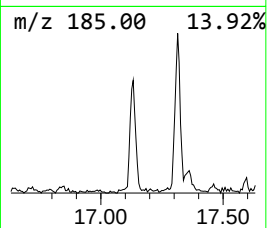
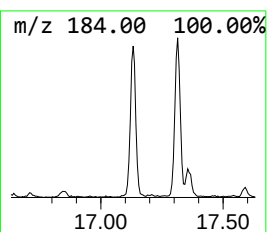
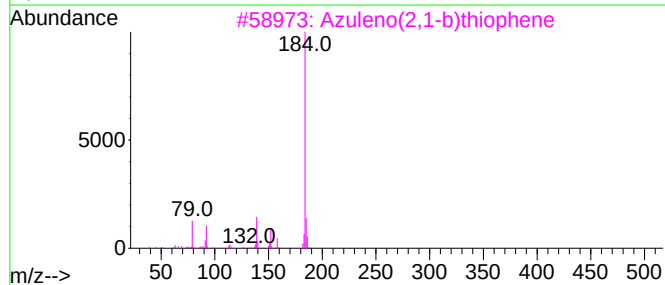
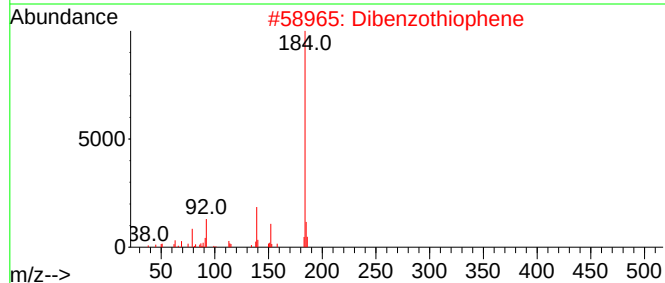
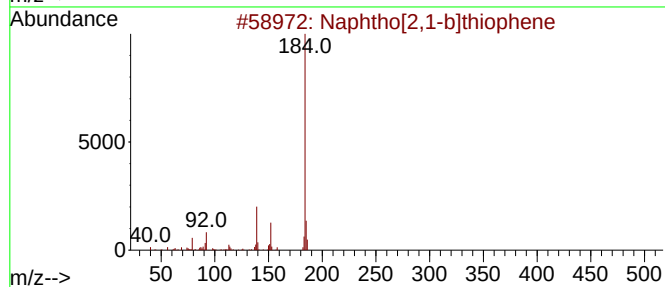
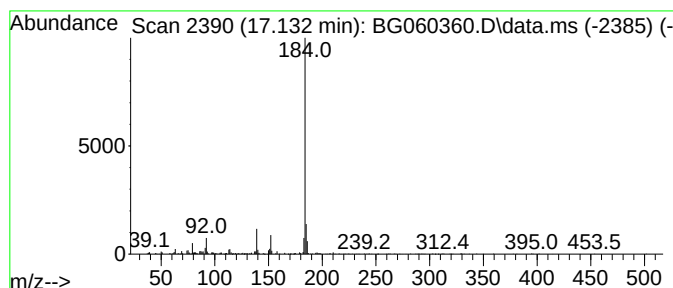
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.132	2.89 ng	586413	Phenanthrene-d10	17.314	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
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Instrument :
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ClientSampleId :
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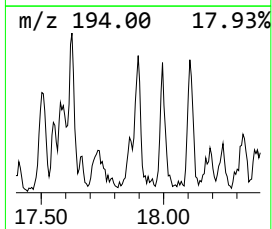
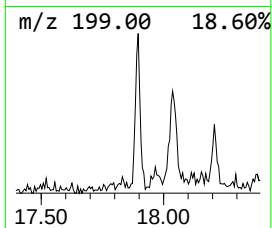
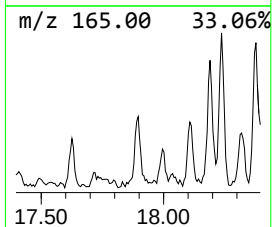
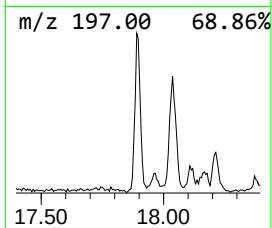
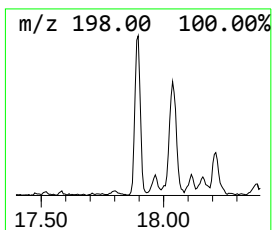
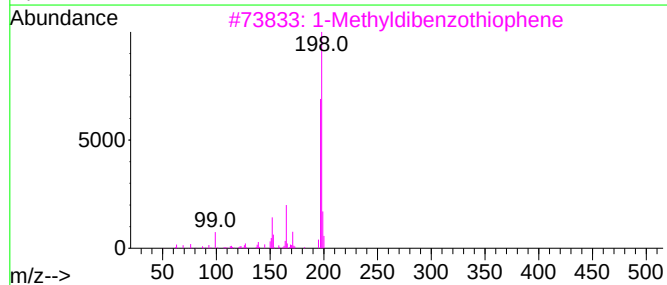
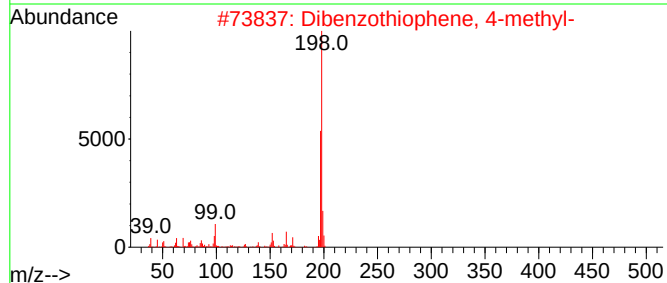
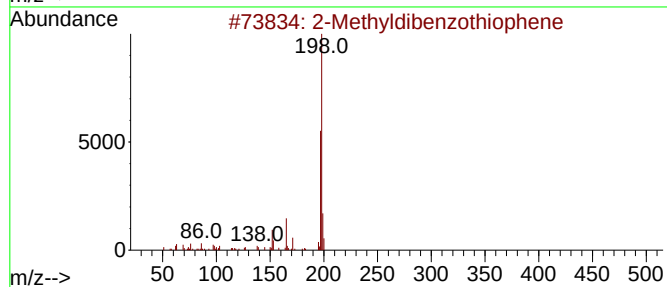
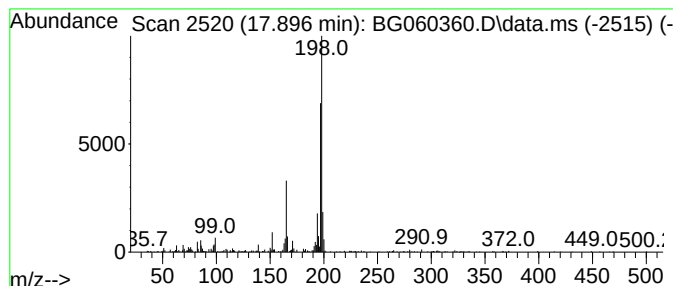
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.896	2.30 ng	467068	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
3			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	72
5			Tacrine	198	C13H14N2	000321-64-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
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ClientSampleId :
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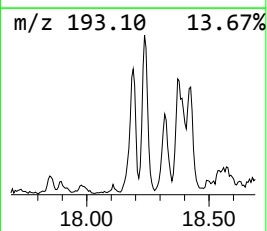
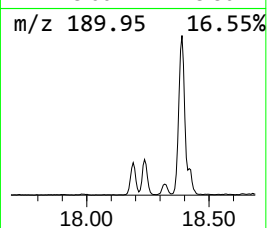
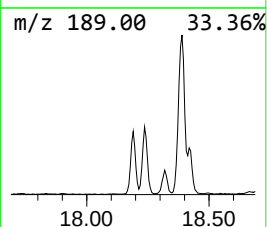
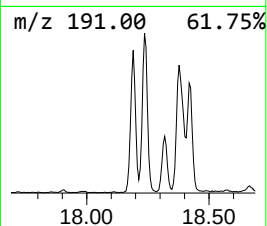
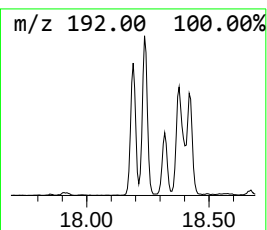
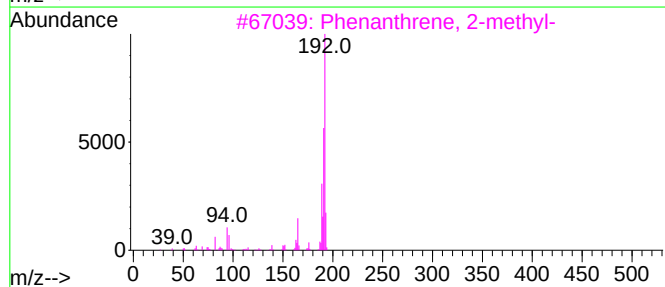
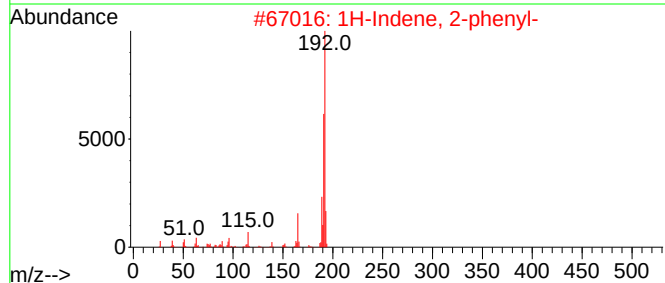
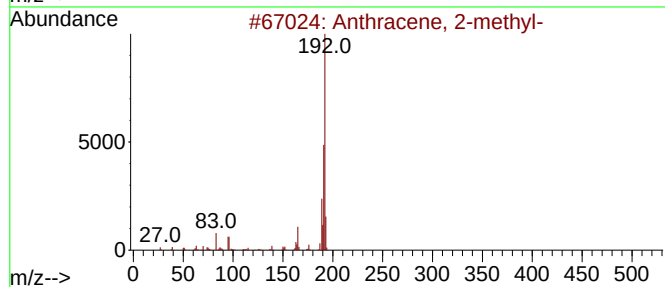
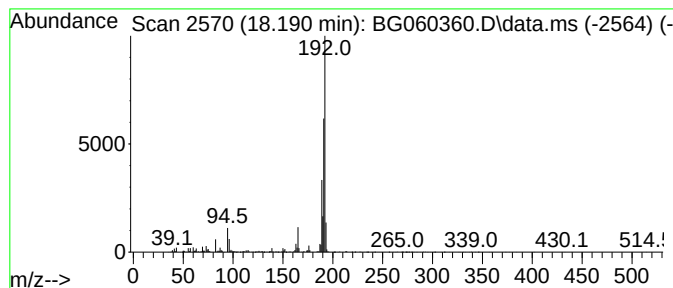
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	10.29 ng	2089610	Phenanthrene-d10	17.314

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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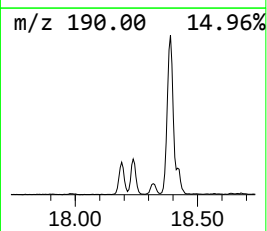
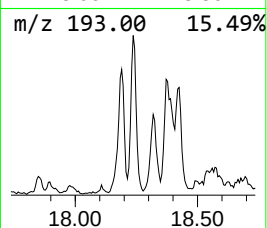
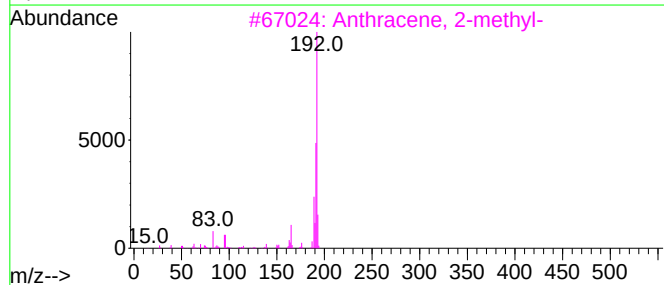
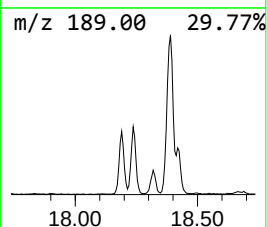
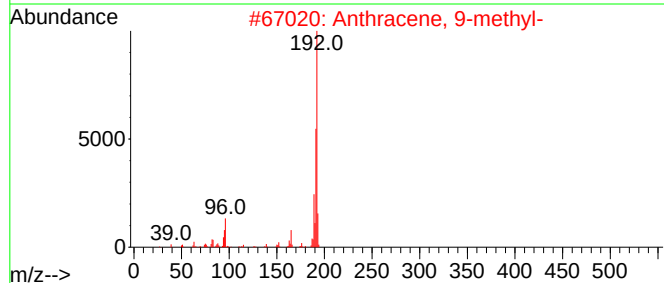
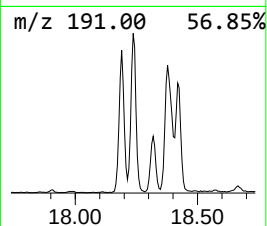
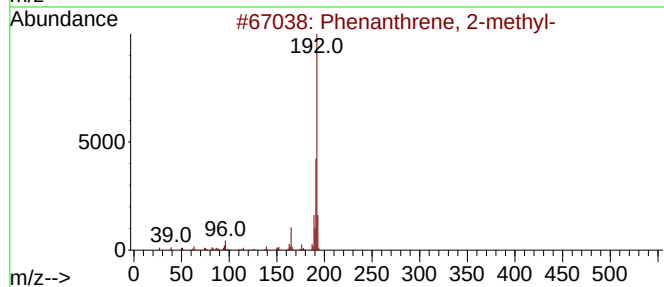
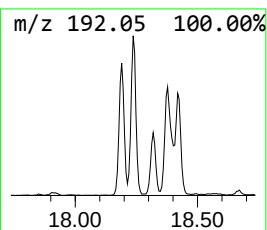
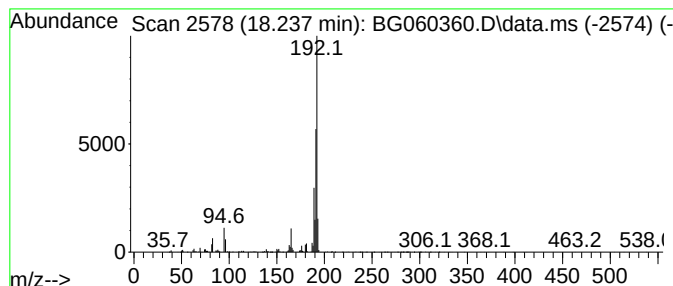
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.237	11.26 ng	2285850	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
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Instrument :
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ClientSampleId :
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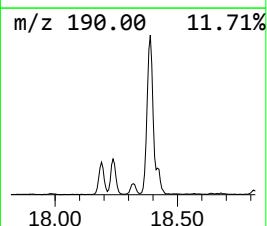
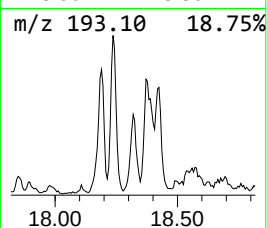
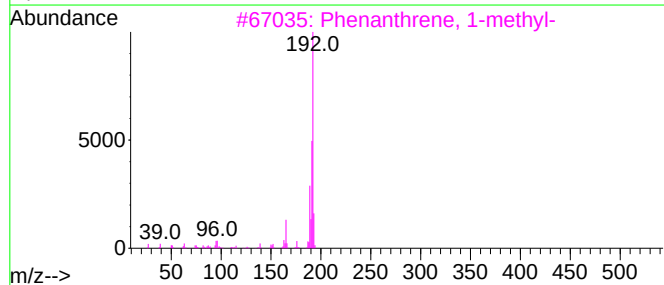
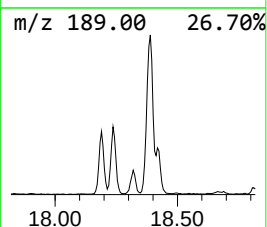
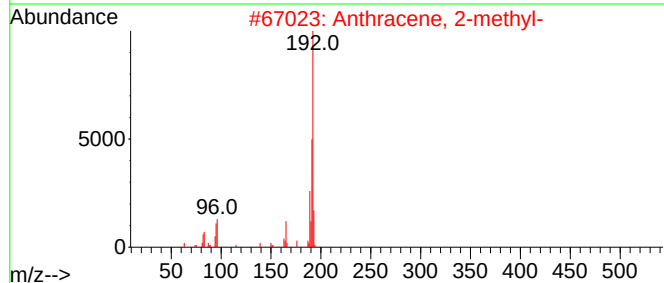
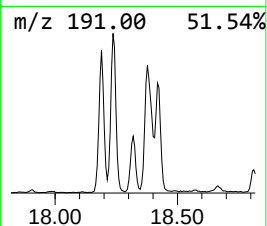
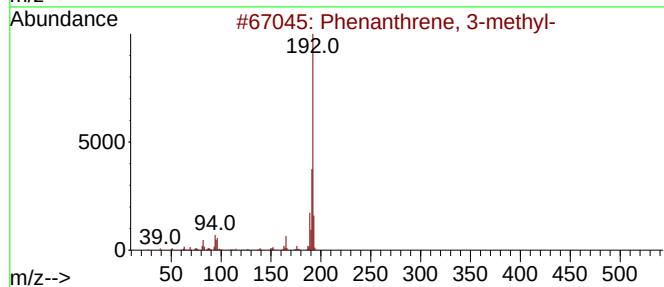
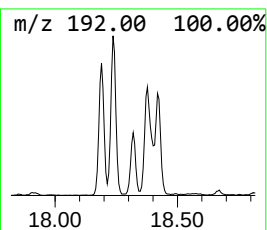
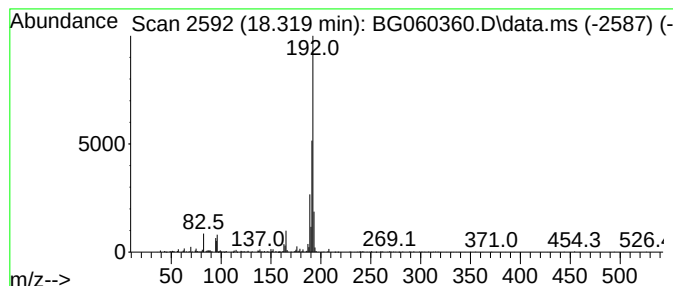
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	4.15 ng	841935	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
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Sample : P1169-07
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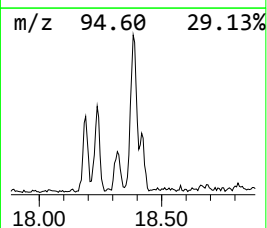
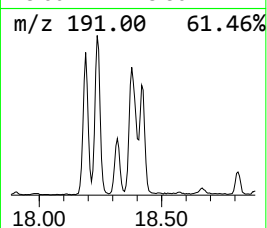
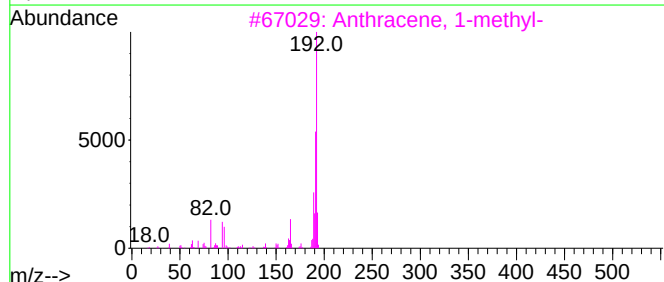
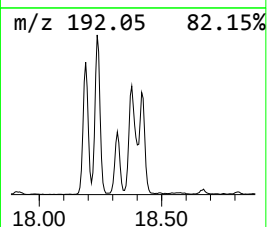
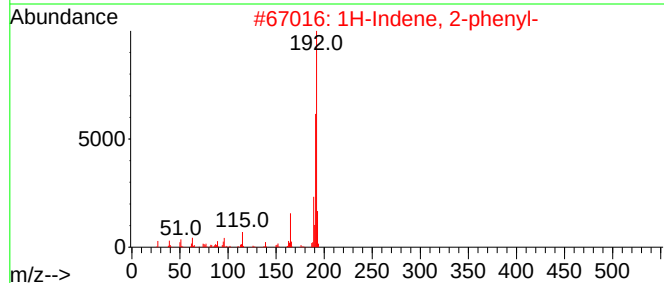
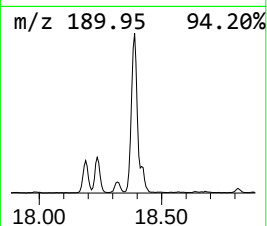
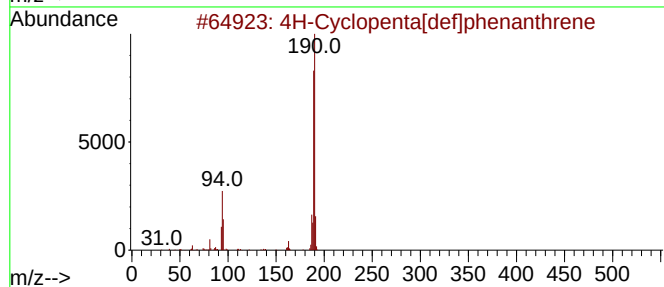
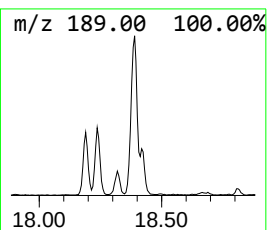
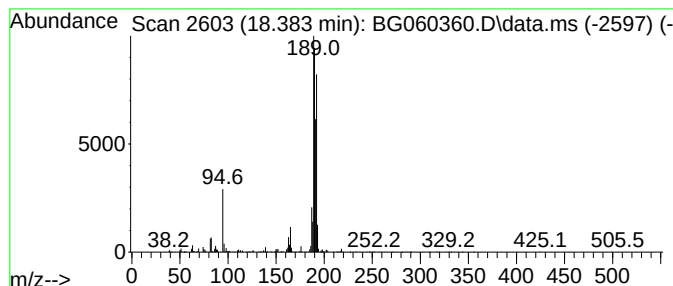
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.384	16.14 ng	3276280	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
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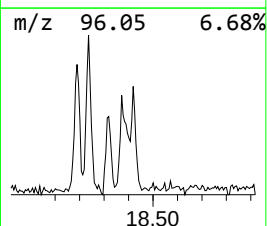
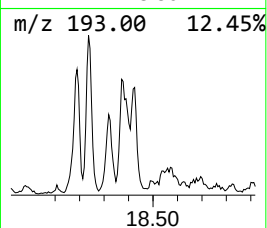
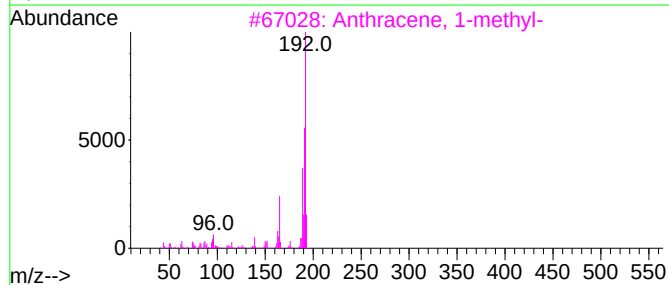
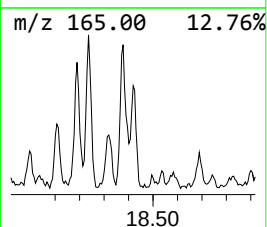
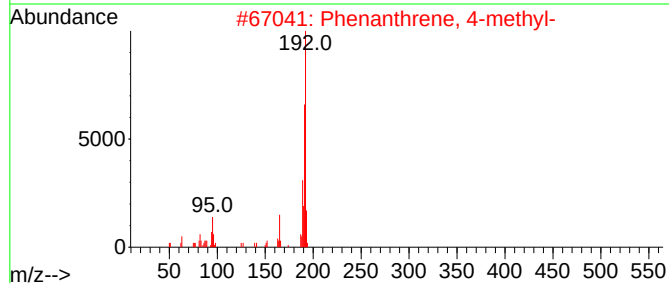
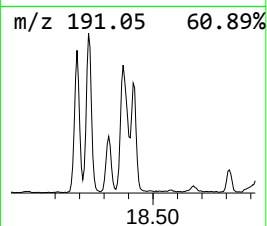
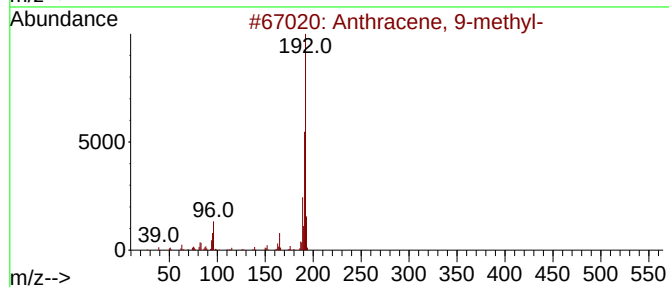
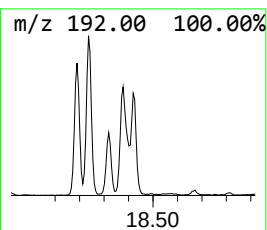
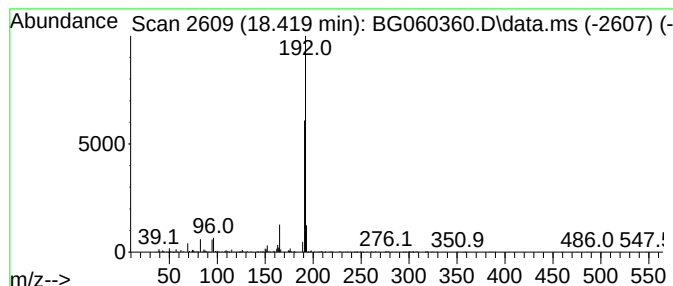
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.419	6.10 ng	1237290	Phenanthrene-d10	17.314

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
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Sample : P1169-07
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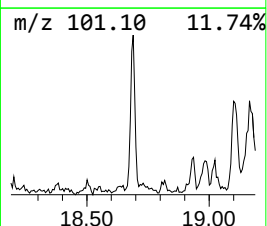
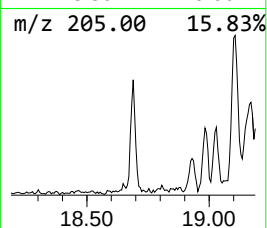
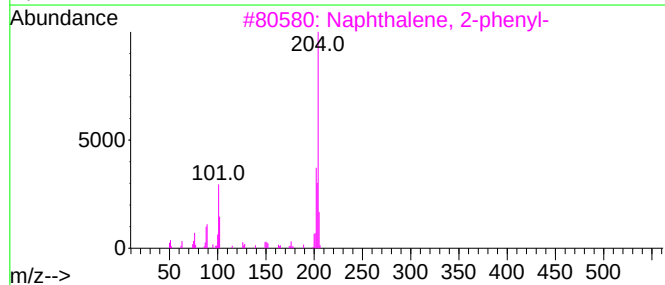
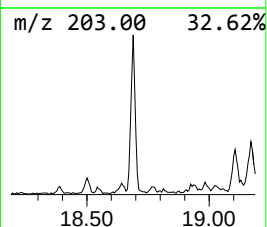
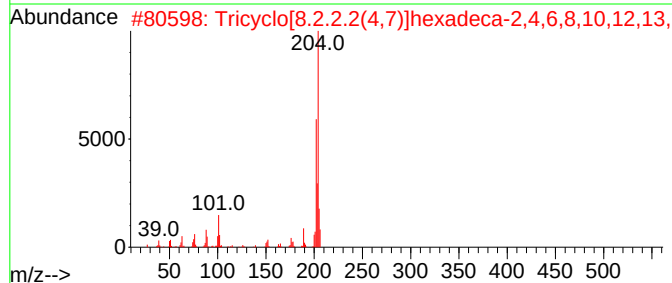
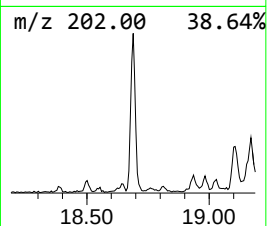
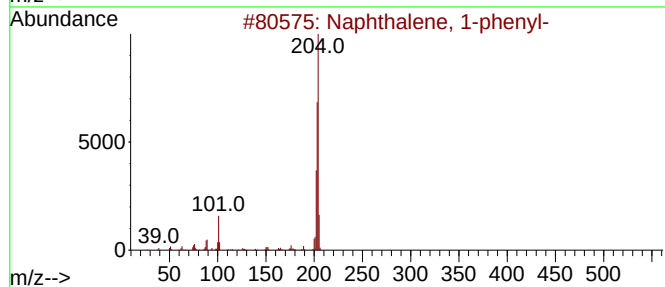
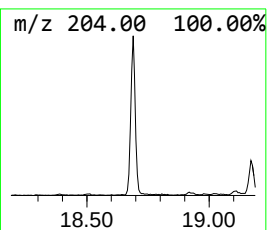
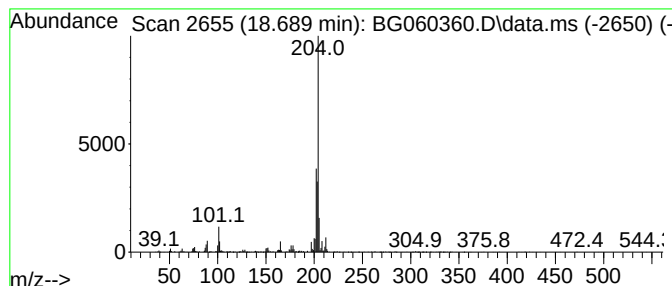
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.689	4.86 ng	987383	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	49
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

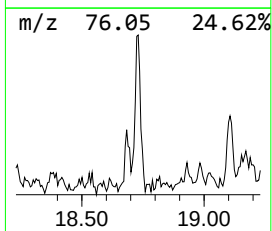
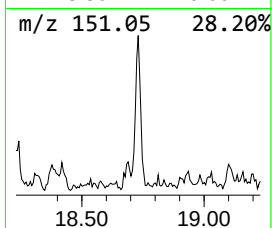
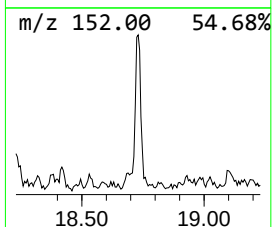
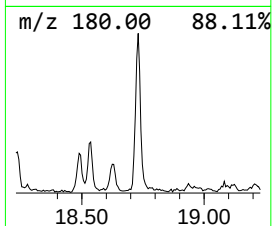
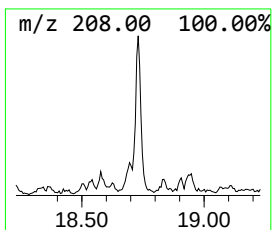
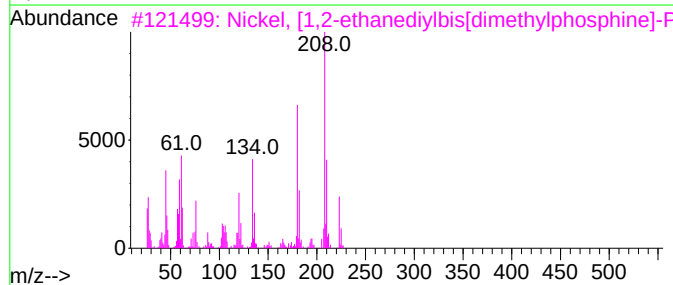
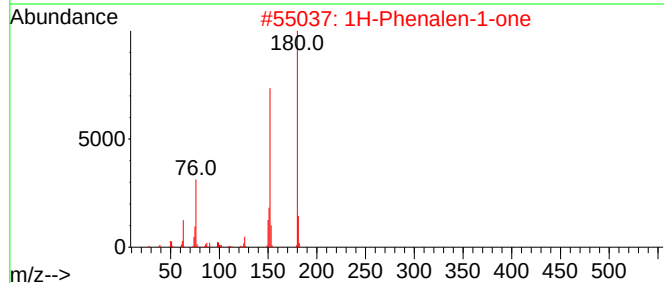
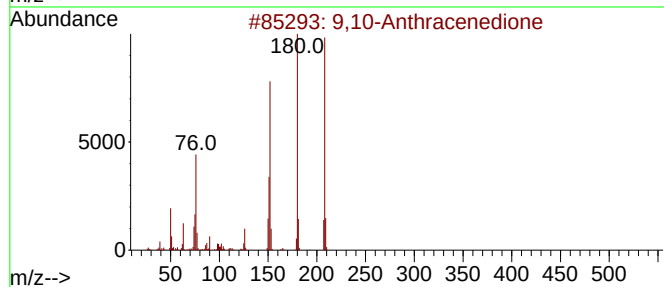
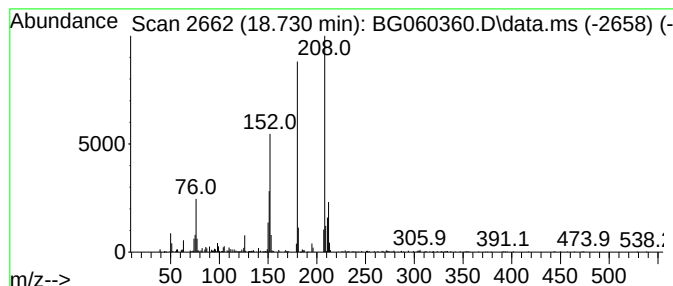
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.730	3.47 ng	704000	Phenanthrene-d10		17.314	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	93
2	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64
3	Nickel, [1,2-ethanediylbis(dimet...		238	C8H22NiP2	122905-77-5	50
4	Benzo[c]cinoline		180	C12H8N2	000230-17-1	49
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
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Instrument :
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ClientSampleId :
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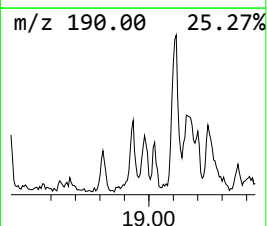
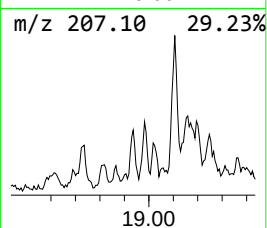
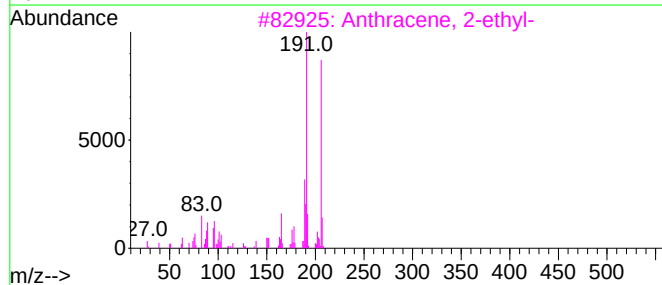
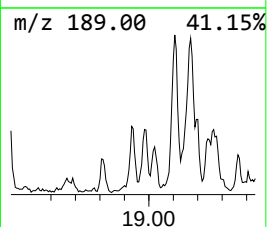
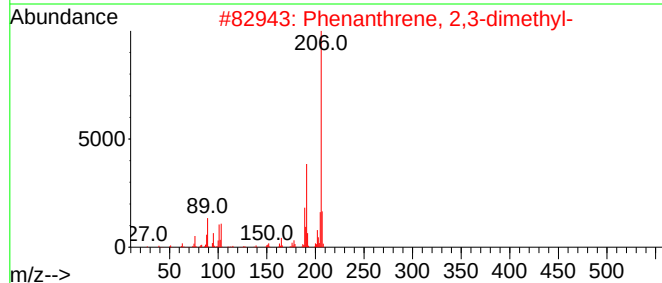
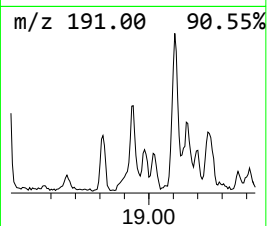
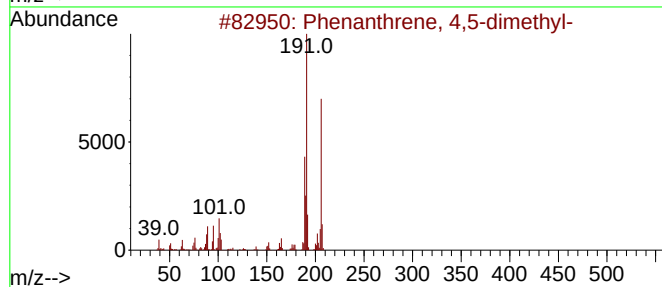
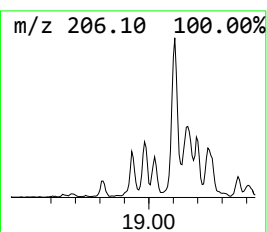
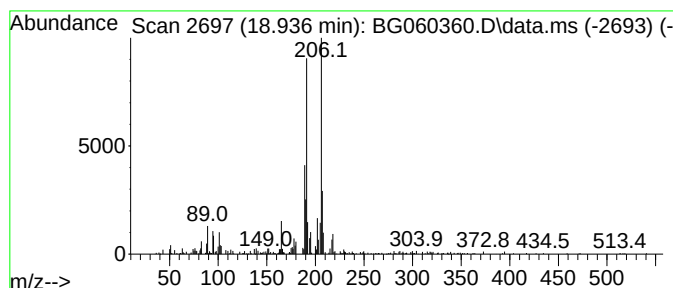
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.936	2.41 ng	488716	Phenanthrene-d10	17.314

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	86
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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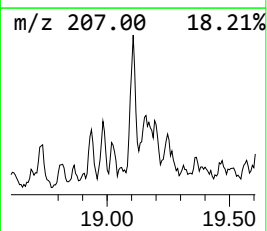
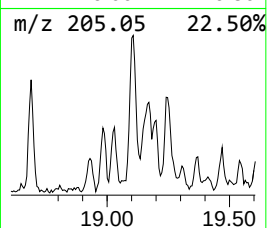
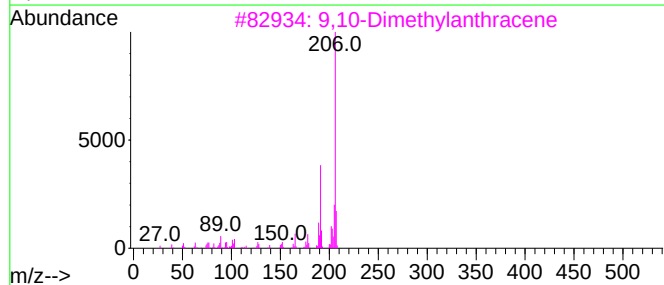
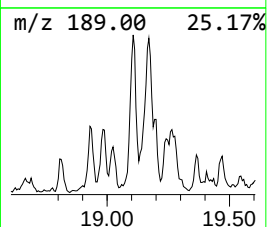
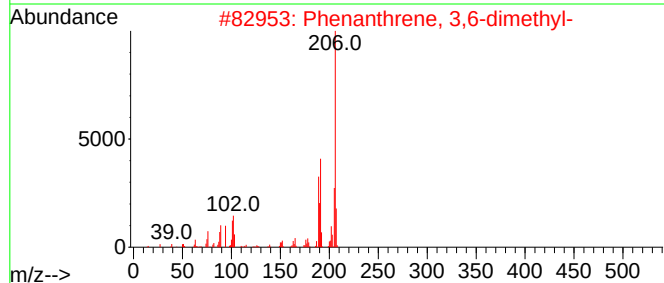
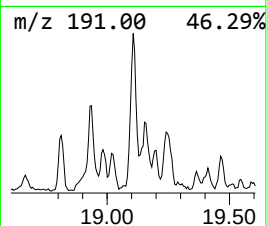
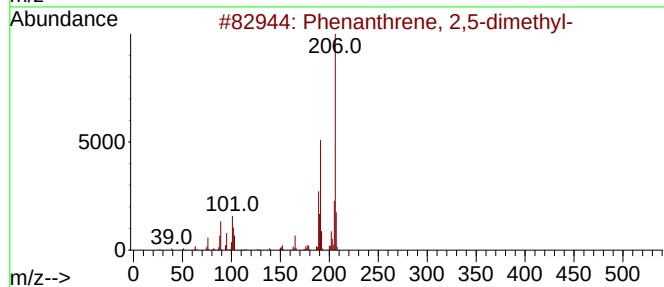
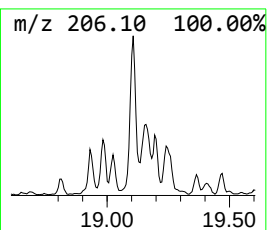
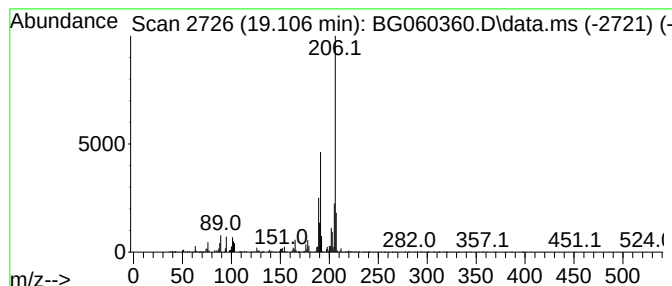
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.106	7.28 ng	1477620	Phenanthrene-d10	17.314

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
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Misc :
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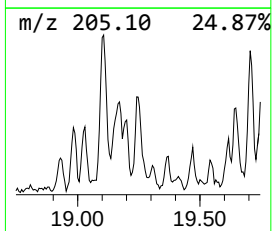
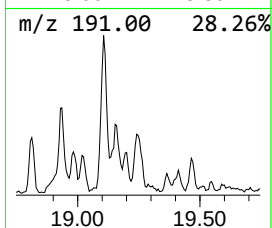
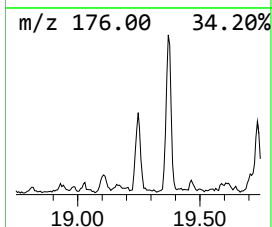
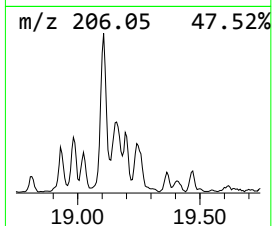
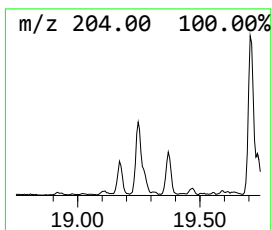
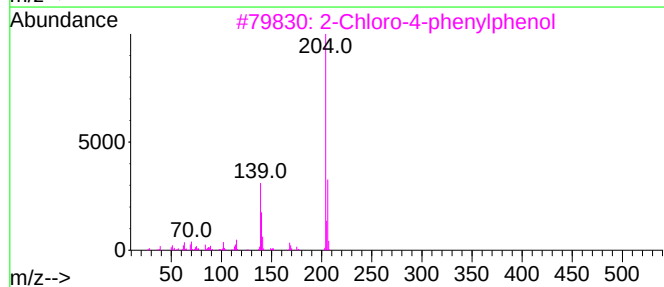
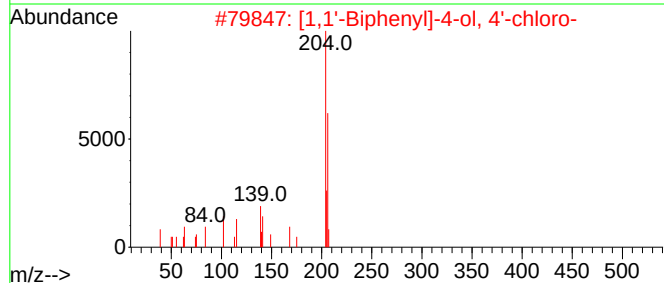
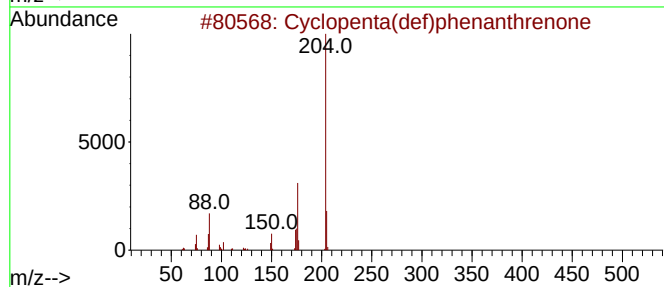
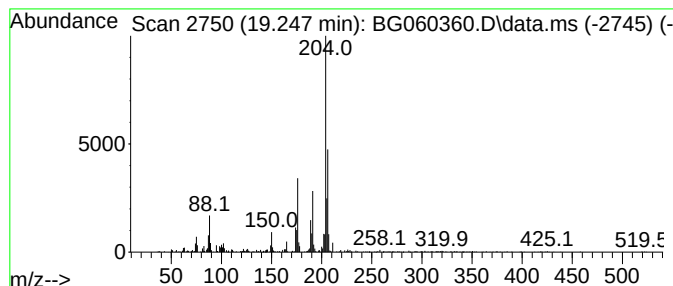
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.247	4.88 ng	991029	Phenanthrene-d10	17.314	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	50
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
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Instrument :
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ClientSampleId :
WC-C-COMP

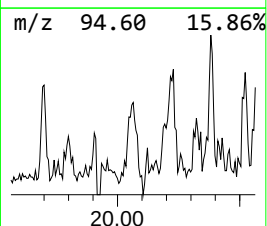
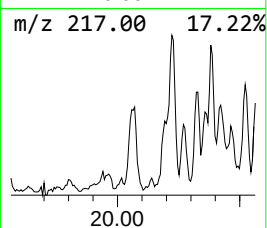
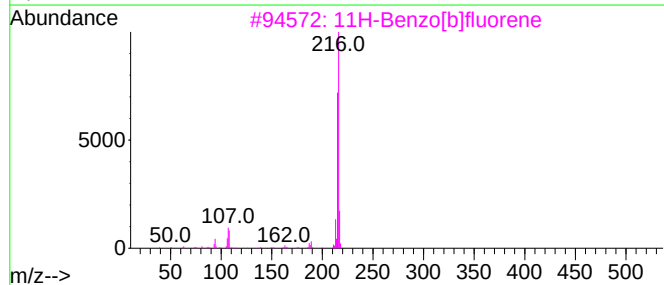
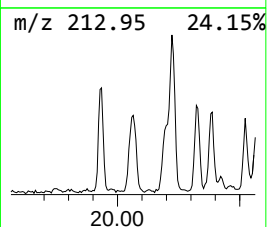
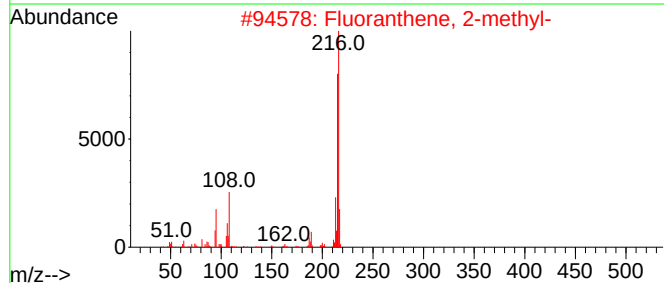
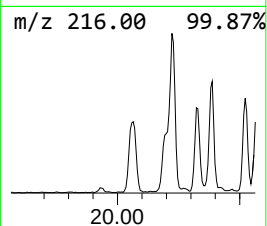
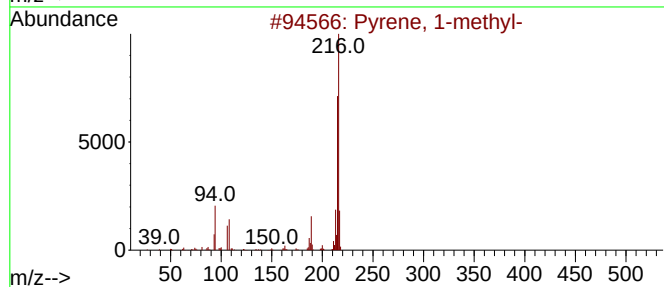
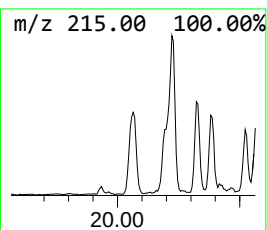
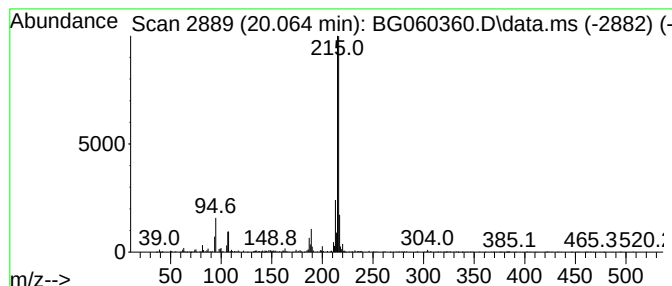
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.064	2.50 ng	1524050	Chrysene-d12	21.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
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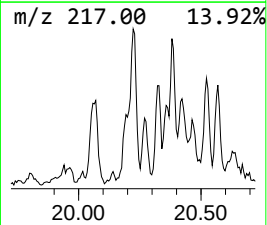
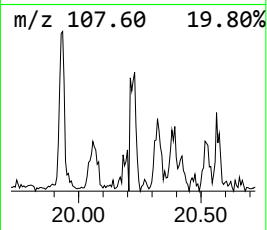
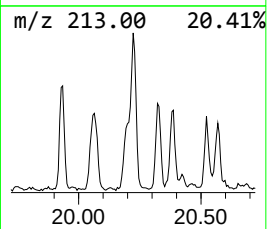
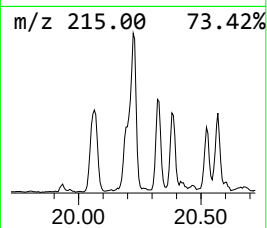
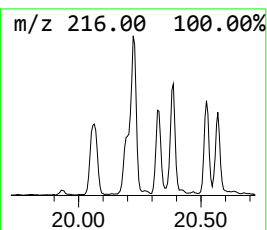
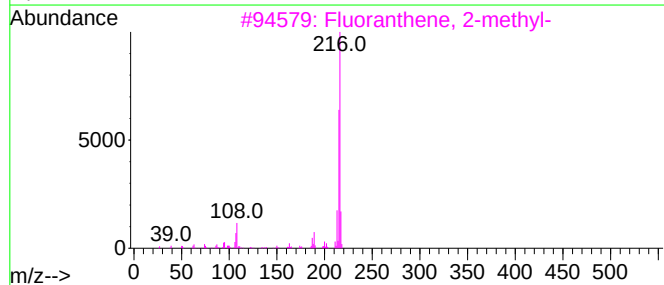
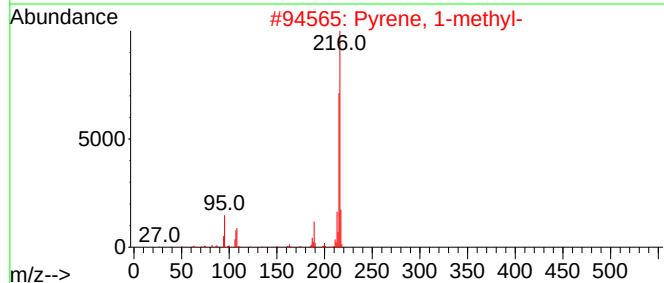
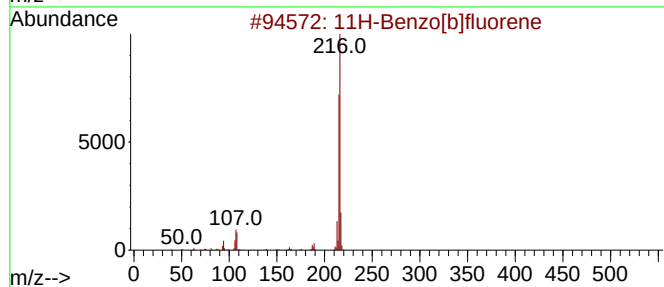
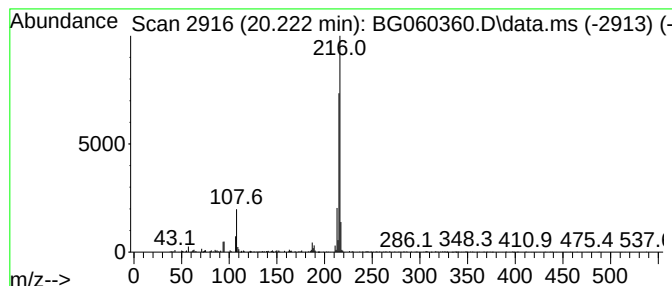
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.223	2.68 ng	1631760	Chrysene-d12	21.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
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Sample : P1169-07
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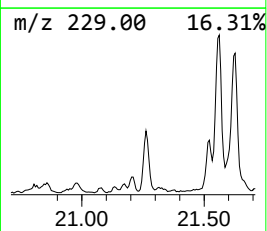
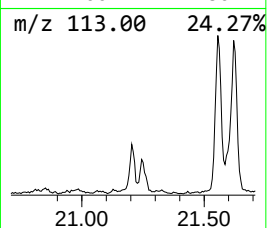
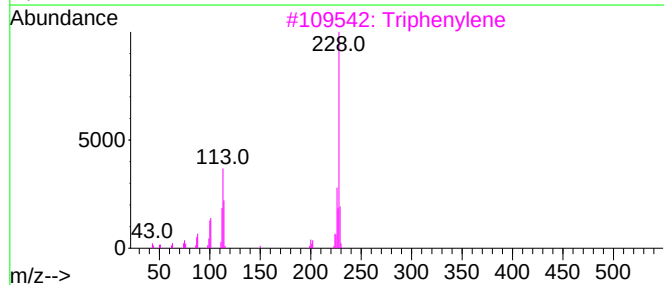
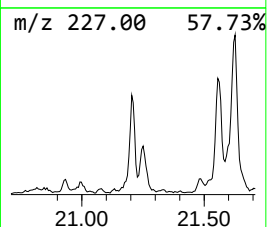
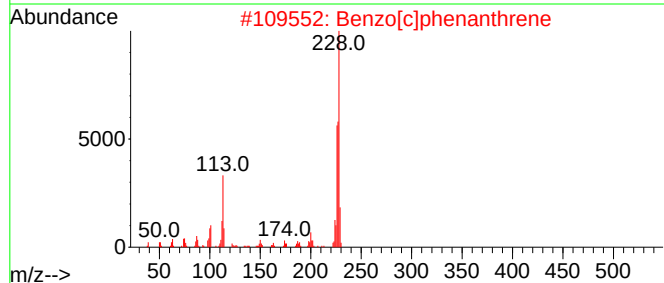
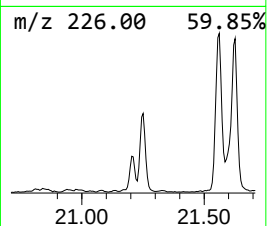
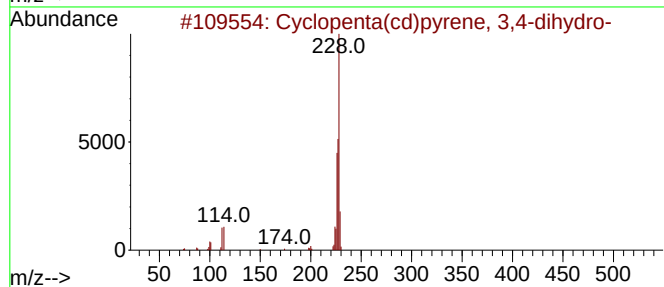
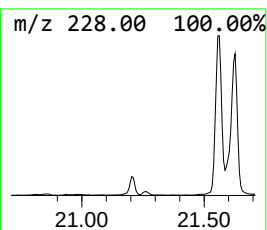
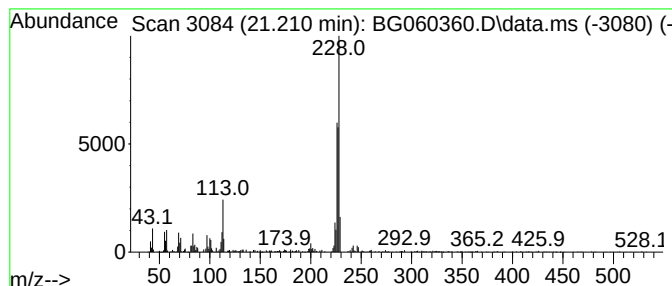
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.210	2.27 ng	1386540	Chrysene-d12	21.580	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	76
3	Triphenylene	228	C18H12	000217-59-4	53
4	Naphthacene	228	C18H12	000092-24-0	49
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

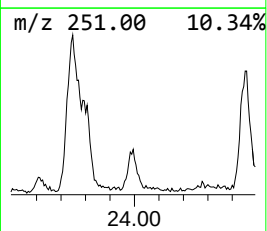
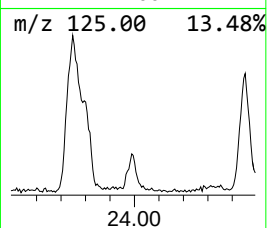
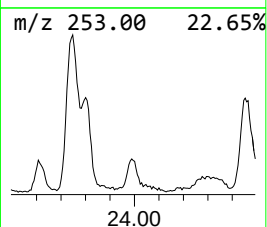
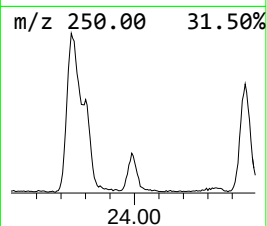
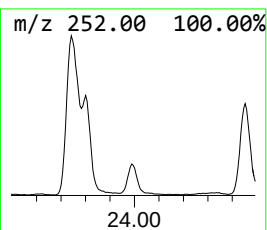
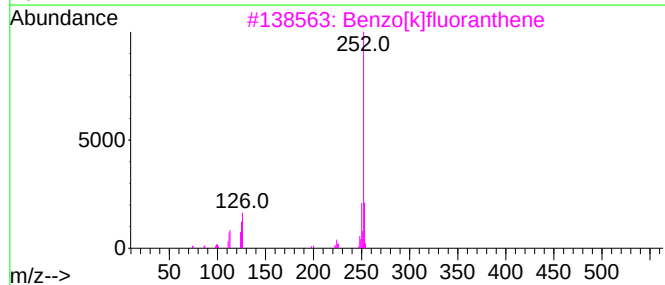
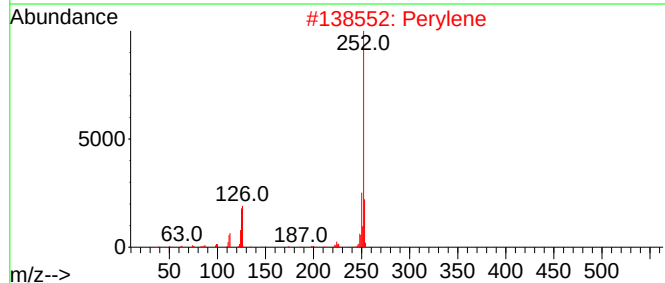
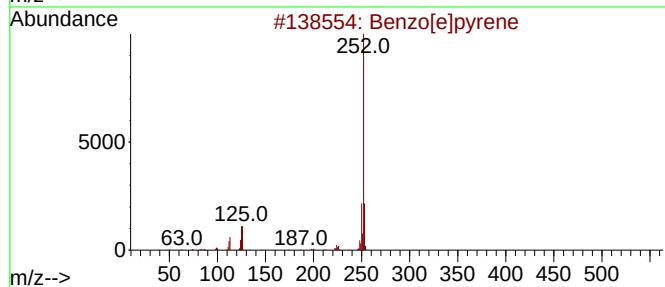
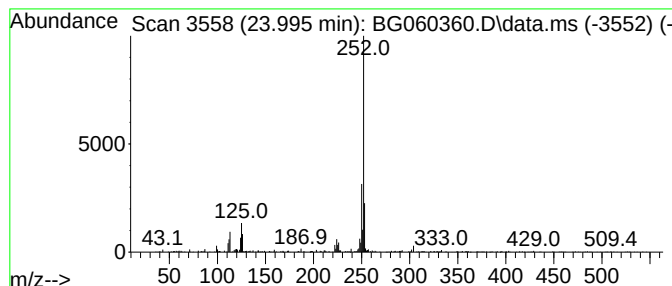
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.994	4.53 ng	866087	Perylene-d12	24.747

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

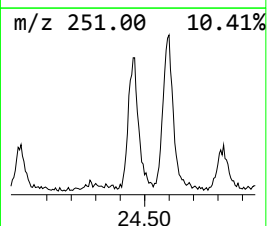
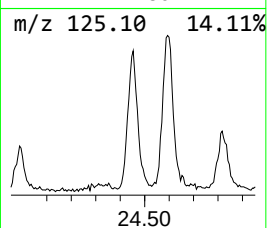
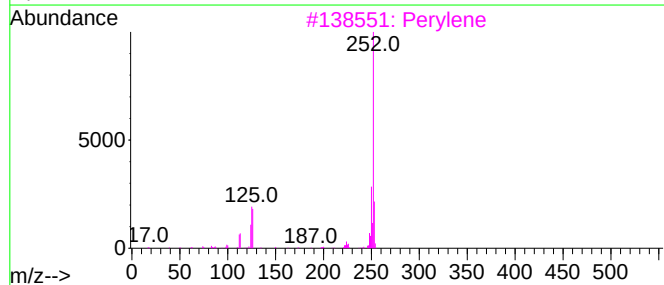
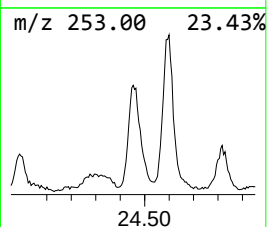
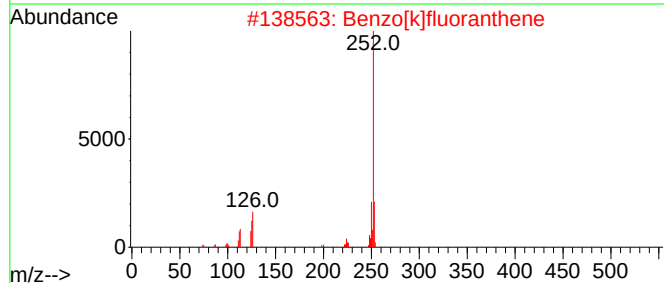
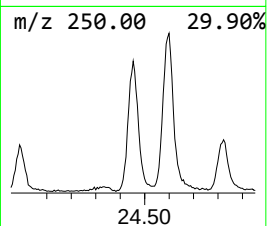
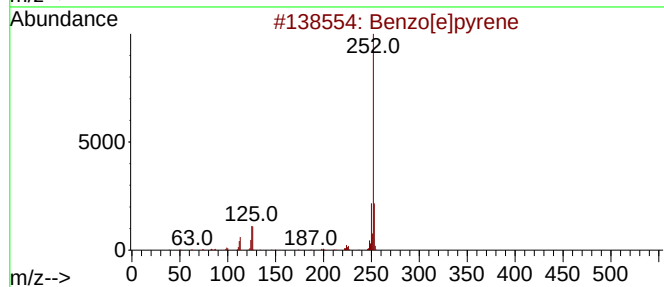
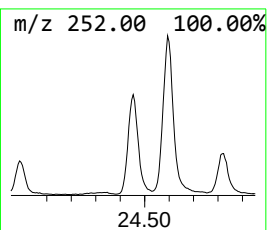
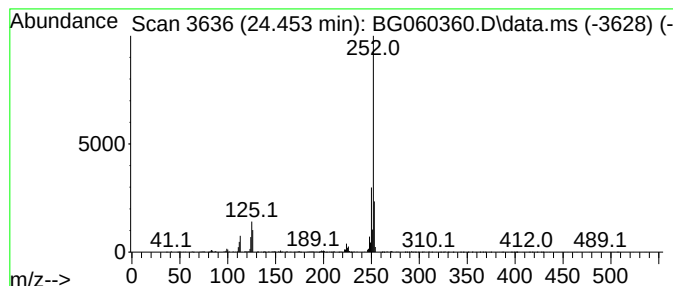
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.453	17.99 ng	3437740	Perylene-d12	24.747

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		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060360.D
Acq On : 18 Jan 2024 20:13
Operator : MA/JU
Sample : P1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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
Naphthalene, 1,...	13.883	3.1	ng	528553	3	14.564	3424300	20.0
9H-Fluoren-9-one	16.968	2.3	ng	467974	4	17.314	4059770	20.0
Naphtho[2,1-b]t...	17.132	2.9	ng	586413	4	17.314	4059770	20.0
2-Methyldibenzo...	17.896	2.3	ng	467068	4	17.314	4059770	20.0
Anthracene, 2-m...	18.190	10.3	ng	2089610	4	17.314	4059770	20.0
Phenanthrene, 2...	18.237	11.3	ng	2285850	4	17.314	4059770	20.0
Phenanthrene, 3...	18.319	4.2	ng	841935	4	17.314	4059770	20.0
4H-Cyclopenta[d...	18.384	16.1	ng	3276280	4	17.314	4059770	20.0
Anthracene, 9-m...	18.419	6.1	ng	1237290	4	17.314	4059770	20.0
Naphthalene, 1-...	18.689	4.9	ng	987383	4	17.314	4059770	20.0
9,10-Anthracene...	18.730	3.5	ng	704000	4	17.314	4059770	20.0
Phenanthrene, 4...	18.936	2.4	ng	488716	4	17.314	4059770	20.0
Phenanthrene, 2...	19.106	7.3	ng	1477620	4	17.314	4059770	20.0
Cyclopenta(def)...	19.247	4.9	ng	991029	4	17.314	4059770	20.0
Pyrene, 1-methyl-	20.064	2.5	ng	1524050	5	21.580	12190100	20.0
11H-Benzo[b]flu...	20.223	2.7	ng	1631760	5	21.580	12190100	20.0
Cyclopenta(cd)p...	21.210	2.3	ng	1386540	5	21.580	12190100	20.0
Benzo[e]pyrene	23.994	4.5	ng	866087	6	24.747	3821790	20.0
Perylene	24.453	18.0	ng	3437740	6	24.747	3821790	20.0