

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053043.D
 Acq On : 5 Apr 2022 22:26
 Operator : CG/JU
 Sample : N2241-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-040122

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-BG031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.687	384	391	401	rBV	641165	1077907	48.32%	5.419%
2	7.279	652	662	676	rBV	699318	1228955	55.09%	6.178%
3	8.125	799	806	813	rBV	135188	237890	10.66%	1.196%
4	9.288	996	1004	1013	rBV	438769	794541	35.62%	3.994%
5	10.939	1277	1285	1291	rBV	184719	352028	15.78%	1.770%
6	10.992	1291	1294	1303	rVB2	16962	28976	1.30%	0.146%
7	13.371	1691	1699	1708	rBV	1107612	1744433	78.20%	8.770%
8	14.475	1878	1887	1895	rBV	33503	74548	3.34%	0.375%
9	14.746	1922	1933	1940	rBV	312455	500969	22.46%	2.519%
10	14.816	1940	1945	1952	rVB2	29082	48811	2.19%	0.245%
11	15.139	1995	2000	2007	rVB2	25552	42211	1.89%	0.212%
12	15.791	2105	2111	2119	rVB	43708	75633	3.39%	0.380%
13	16.085	2156	2161	2167	rVB4	12919	24342	1.09%	0.122%
14	16.232	2178	2186	2194	rBV	888180	1409370	63.18%	7.085%
15	16.461	2223	2225	2233	rVB6	15309	24752	1.11%	0.124%
16	16.790	2274	2281	2285	rBV5	17093	37614	1.69%	0.189%
17	17.136	2336	2340	2347	rVB5	16191	30372	1.36%	0.153%
18	17.225	2351	2355	2360	rVV7	13383	27574	1.24%	0.139%
19	17.307	2362	2369	2373	rVV4	21650	46434	2.08%	0.233%
20	17.489	2393	2400	2404	rBV	358485	593208	26.59%	2.982%
21	17.530	2404	2407	2413	rVV	328078	478294	21.44%	2.405%
22	17.624	2417	2423	2428	rVV	89203	143515	6.43%	0.721%
23	17.677	2428	2432	2437	rVB3	15361	30841	1.38%	0.155%
24	17.888	2463	2468	2472	rBV	23115	37501	1.68%	0.189%
25	18.364	2544	2549	2553	rBV	75322	109821	4.92%	0.552%
26	18.411	2553	2557	2563	rVB	71874	109912	4.93%	0.553%
27	18.488	2566	2570	2575	rBV	26222	46077	2.07%	0.232%
28	18.564	2576	2583	2586	rBV3	108627	203027	9.10%	1.021%
29	18.858	2628	2633	2636	rVV	45819	66553	2.98%	0.335%
30	18.893	2636	2639	2648	rVB5	26471	49867	2.24%	0.251%
31	19.275	2699	2704	2709	rBV3	53944	104351	4.68%	0.525%
32	19.416	2723	2728	2740	rBV6	35272	94153	4.22%	0.473%
33	19.539	2743	2749	2754	rVV	750554	1065925	47.78%	5.359%
34	19.633	2762	2765	2769	rVB6	25385	33218	1.49%	0.167%
35	19.692	2770	2775	2777	rBV2	24836	34101	1.53%	0.171%
36	19.780	2788	2790	2799	rVB3	35238	64047	2.87%	0.322%

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Peak Location: TOP

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37	19.868	2800	2805	2806	rVV	121198	166218	7.45%	0.836%
38	19.897	2806	2810	2818	rVV	643899	999836	44.82%	5.026%
39	19.968	2819	2822	2829	rVB2	39832	58734	2.63%	0.295%
40	20.091	2836	2843	2848	rBV	1666104	2230808	100.00%	11.215%
41	20.132	2848	2850	2857	rVB2	36227	53102	2.38%	0.267%
42	20.221	2859	2865	2870	rBV4	55275	140025	6.28%	0.704%
43	20.356	2884	2888	2889	rBV4	35094	52013	2.33%	0.261%
44	20.385	2889	2893	2898	rVB	136111	210809	9.45%	1.060%
45	20.491	2906	2911	2914	rVB	91762	129391	5.80%	0.650%
46	20.544	2914	2920	2924	rBV2	75374	126665	5.68%	0.637%
47	20.685	2941	2944	2948	rBV2	49520	64612	2.90%	0.325%
48	20.732	2949	2952	2956	rVB2	39484	49221	2.21%	0.247%
49	21.343	3054	3056	3060	rVB	42765	51749	2.32%	0.260%
50	21.395	3061	3065	3068	rBV3	65149	98907	4.43%	0.497%
51	21.760	3121	3127	3134	rBV3	447359	1215209	54.47%	6.109%
52	21.824	3134	3138	3149	rVB	306833	538852	24.16%	2.709%
53	21.977	3160	3164	3170	rBV2	57219	103260	4.63%	0.519%
54	24.033	3506	3514	3521	rBV	263019	861365	38.61%	4.330%
55	24.773	3634	3640	3654	rVB2	160554	497128	22.28%	2.499%
56	24.920	3658	3665	3679	rVB2	235737	696907	31.24%	3.504%
57	25.085	3685	3693	3701	rBV2	162958	474961	21.29%	2.388%

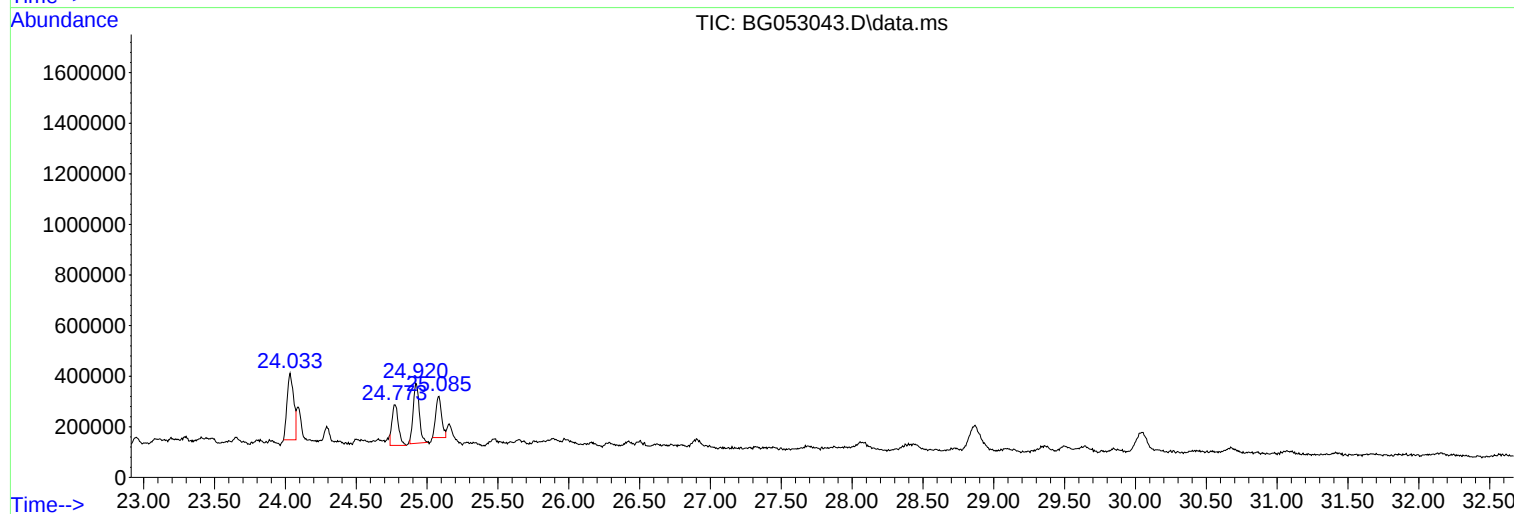
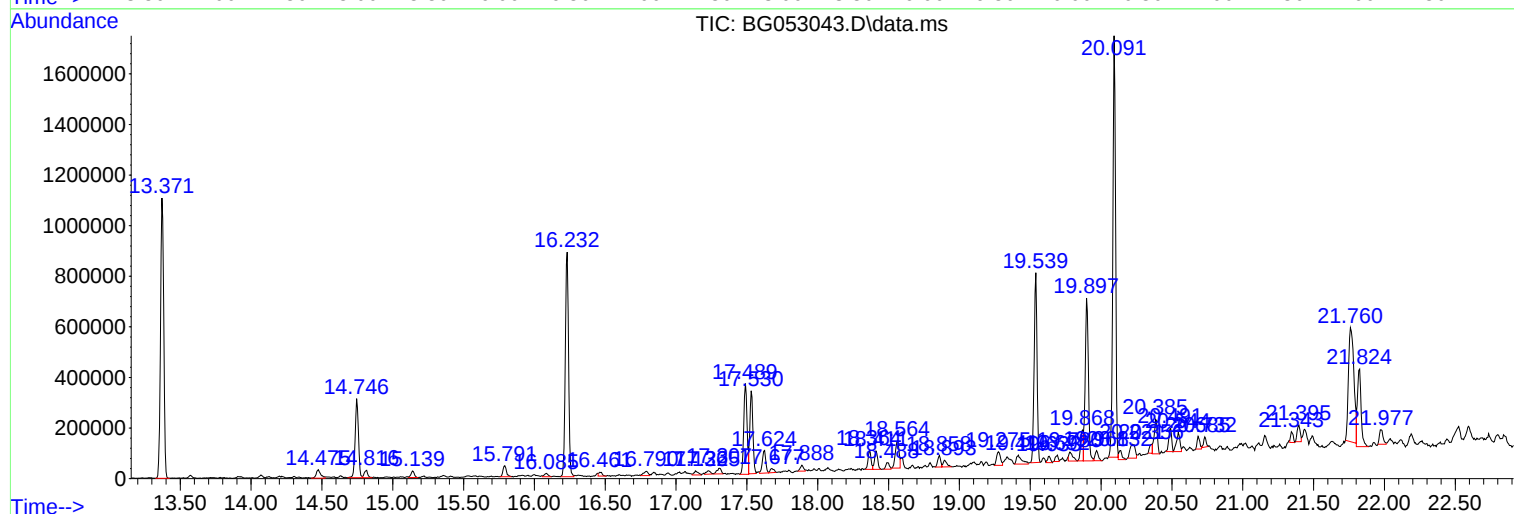
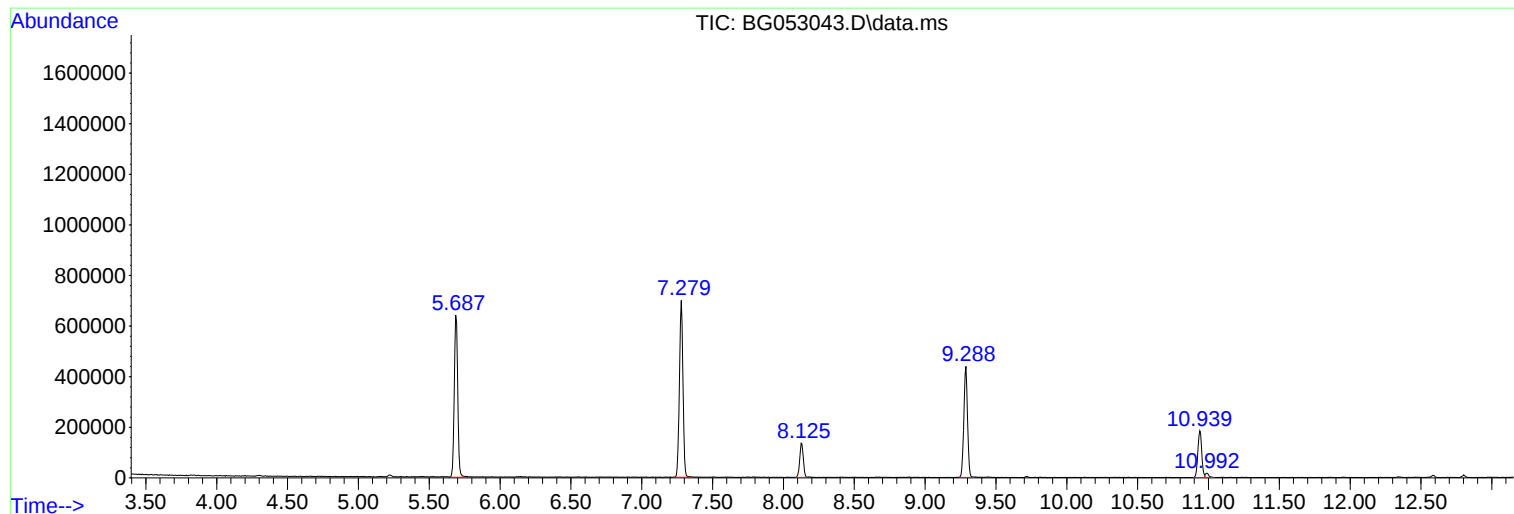
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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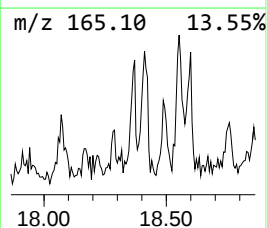
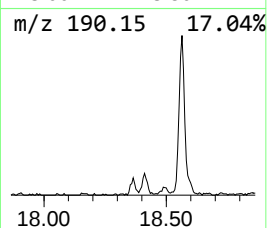
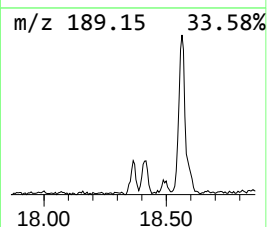
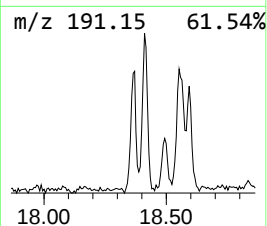
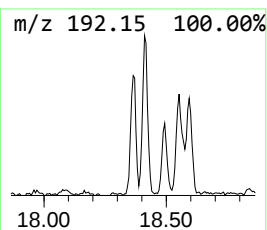
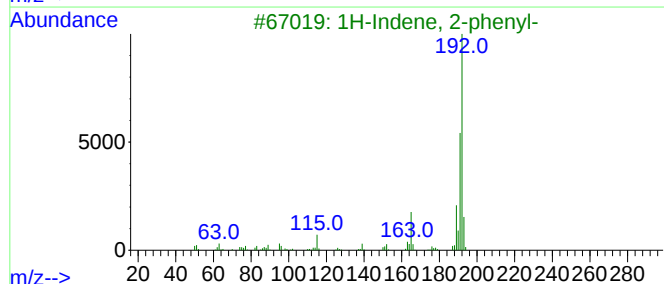
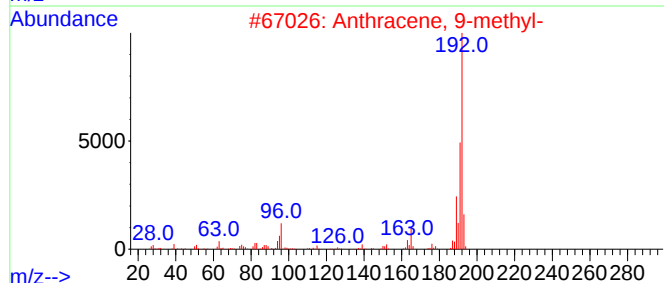
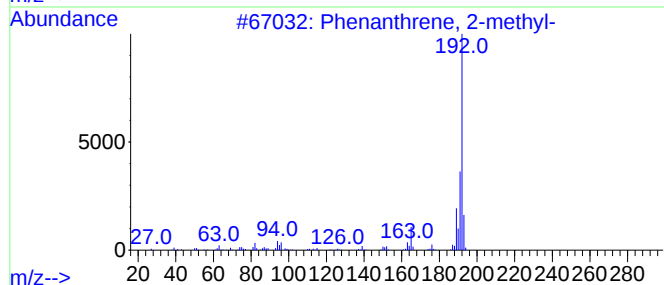
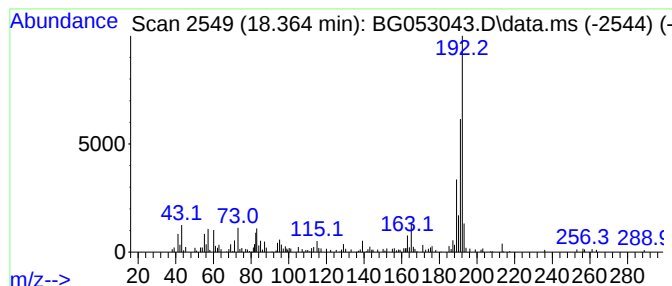
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	3.70 ng	109821	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	76



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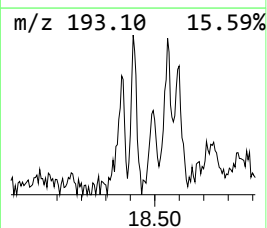
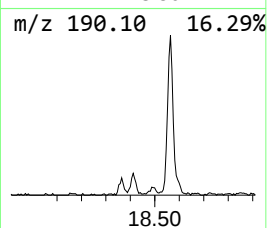
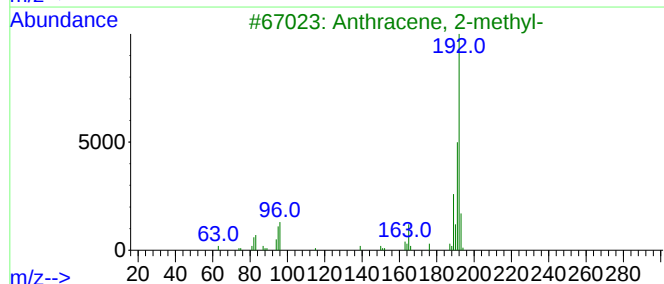
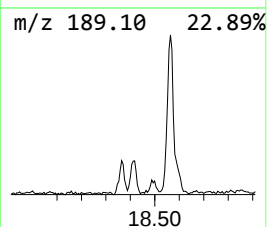
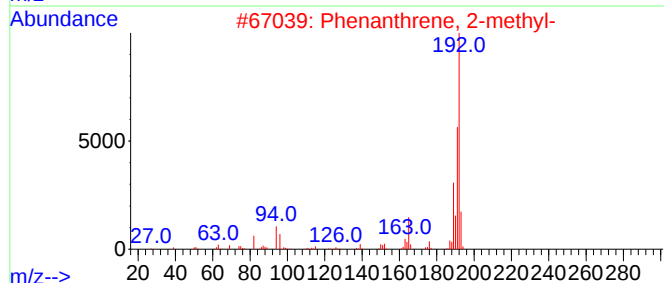
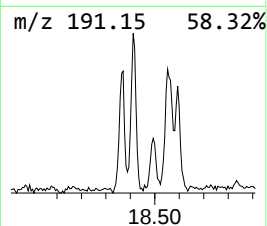
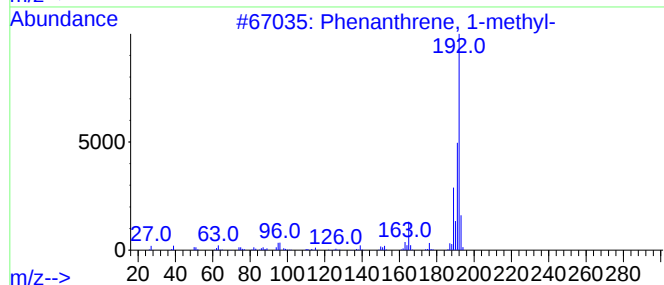
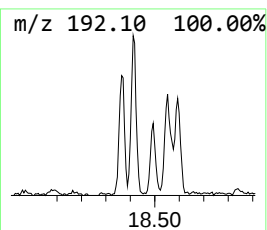
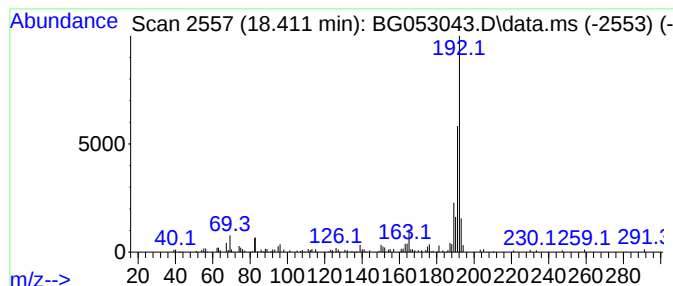
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.411	3.71 ng	109912	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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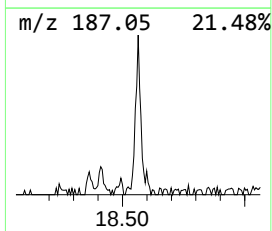
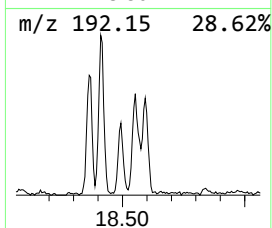
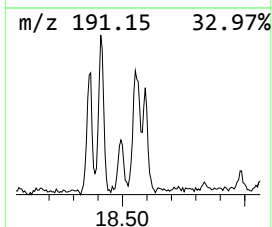
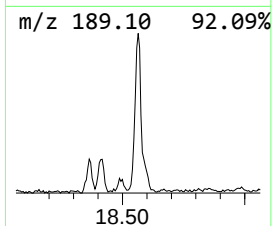
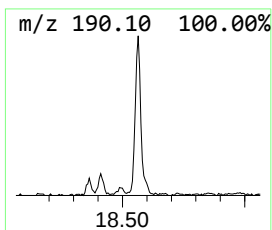
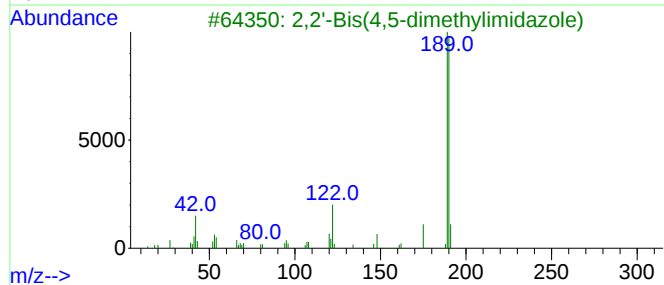
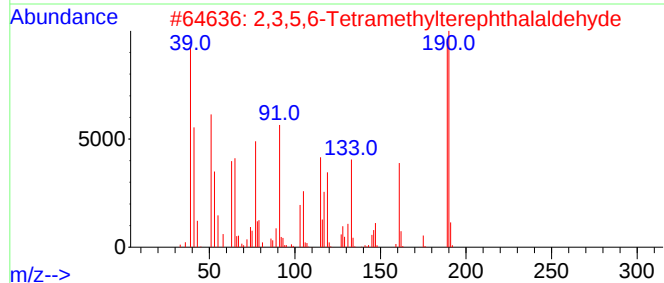
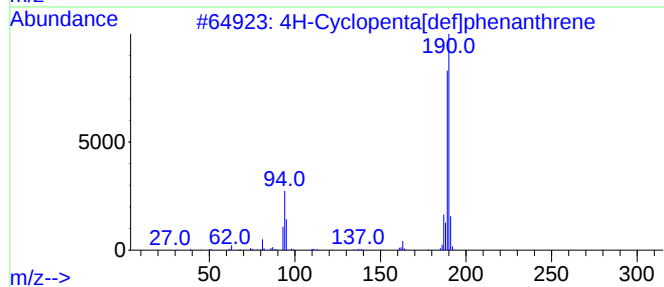
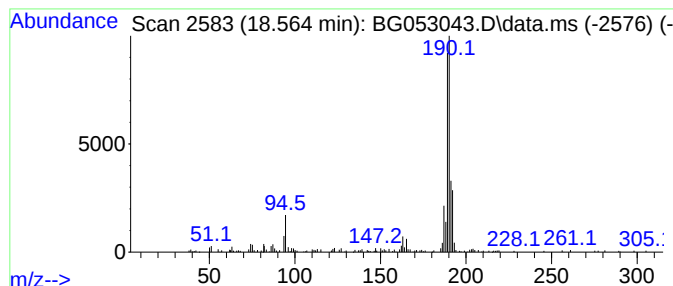
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	6.85 ng	203027	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	35
5			6-Bromo-9-phenanthrene diazometh...	324	C16H9BrN2O	1000254-49-2	32



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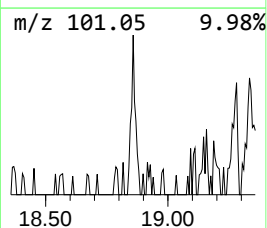
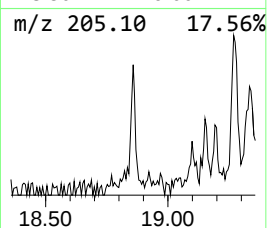
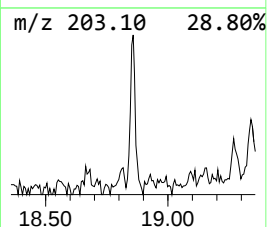
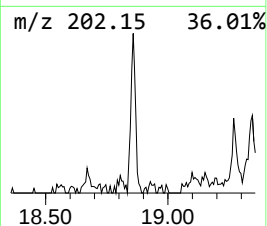
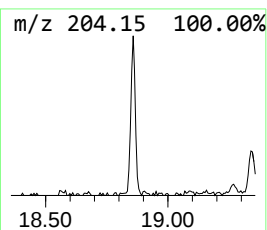
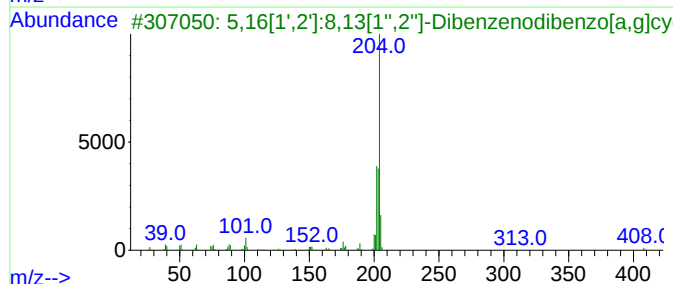
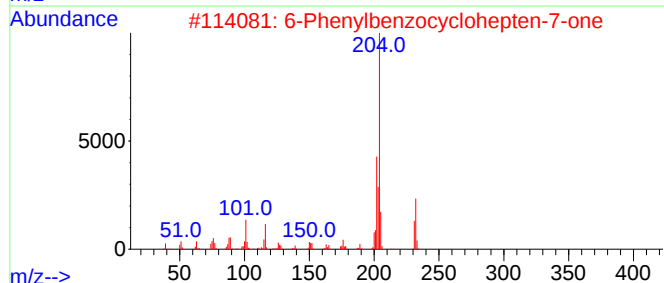
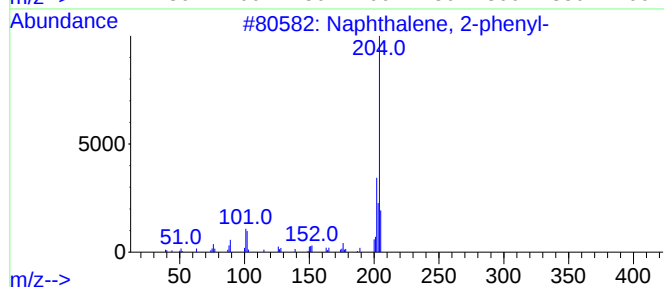
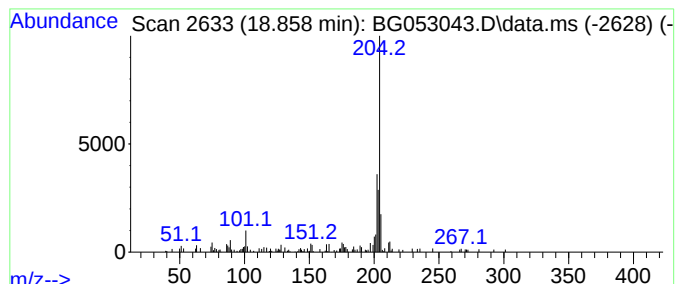
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.858	2.24 ng	66553	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58



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ClientSampleId :
CL-02-040122

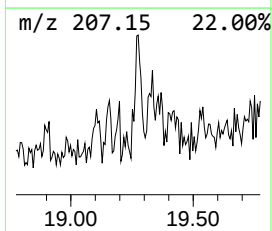
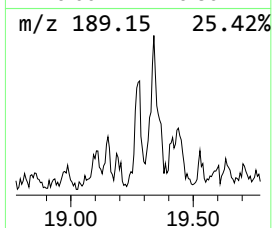
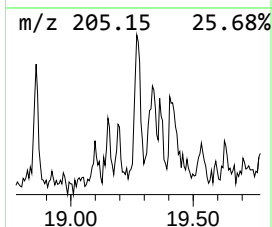
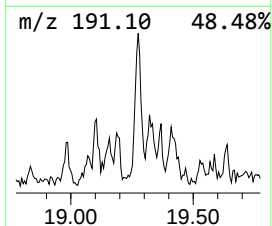
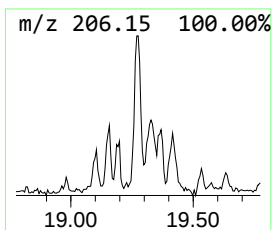
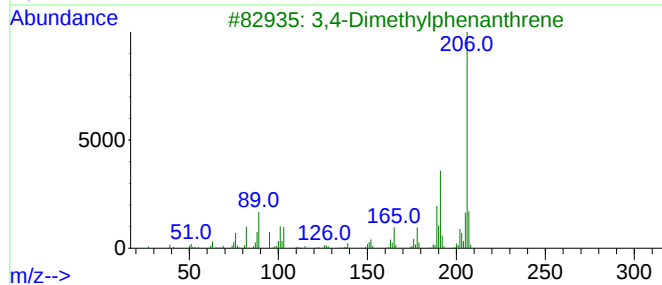
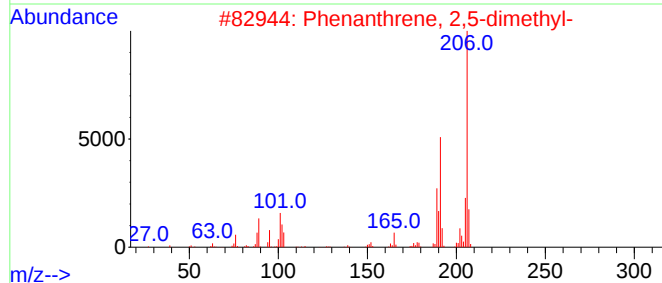
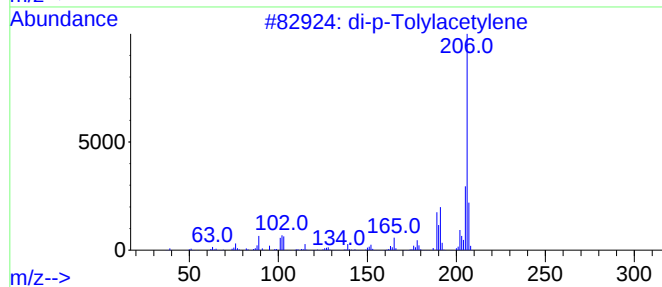
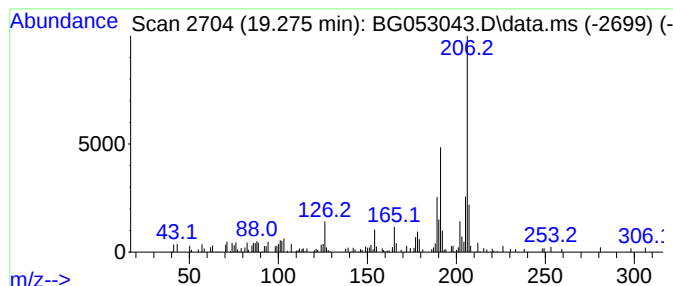
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	3.52 ng	104351	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	97
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-040122

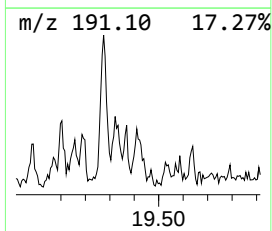
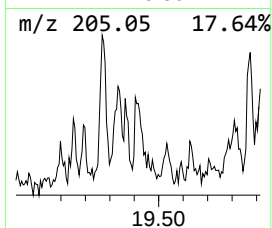
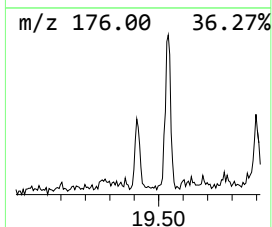
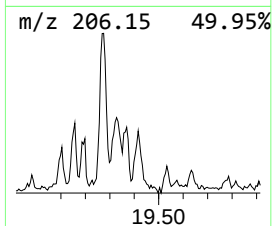
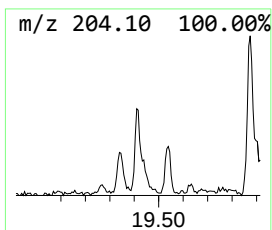
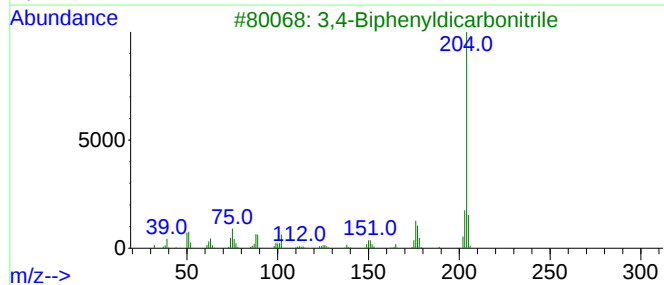
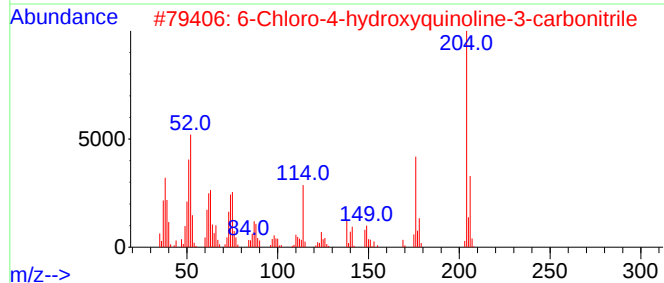
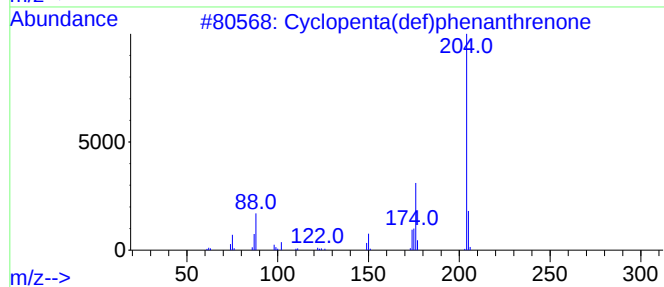
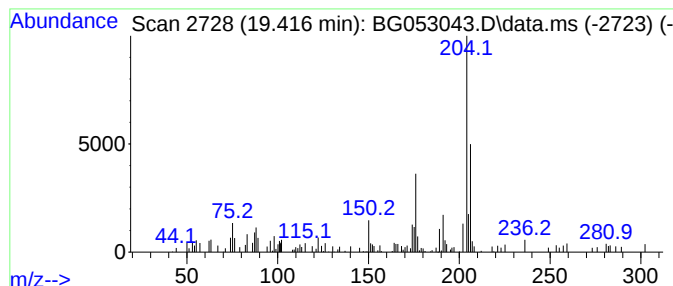
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	3.17 ng	94153	Phenanthrene-d10	17.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2			6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	59
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	55
4			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	53
5			[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-040122

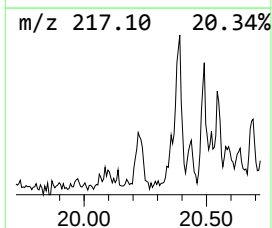
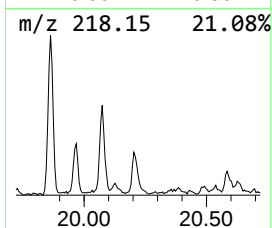
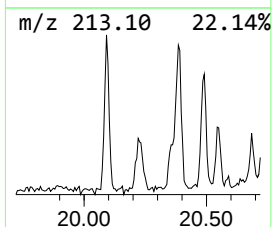
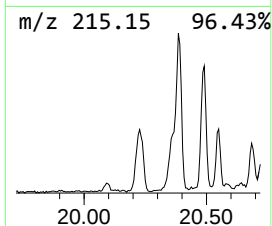
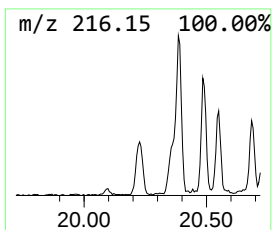
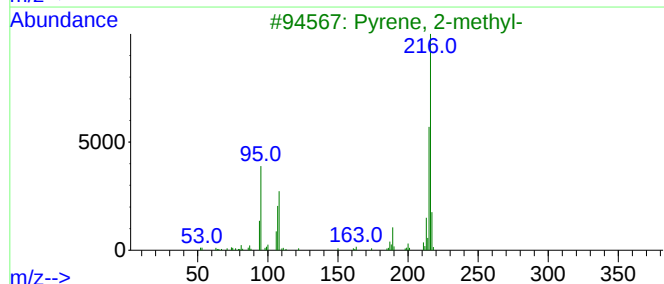
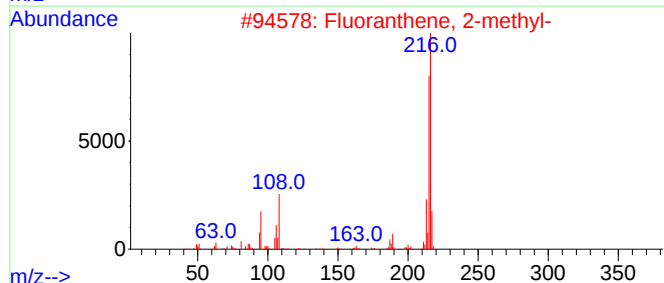
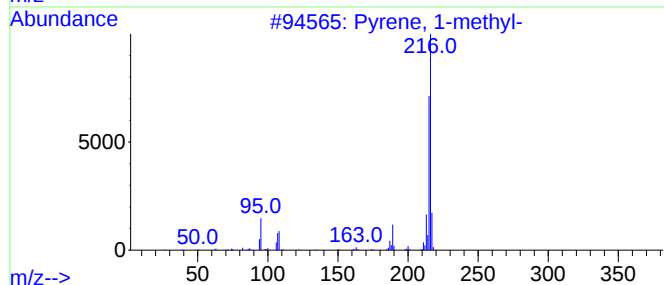
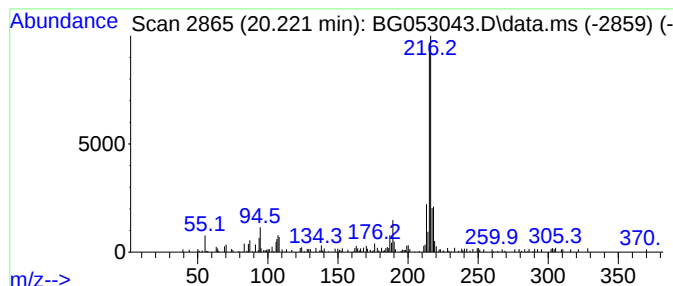
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	2.30 ng	140025	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-040122

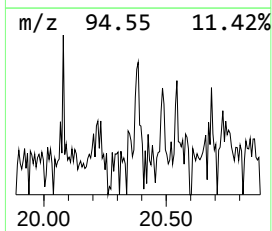
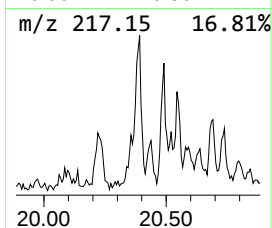
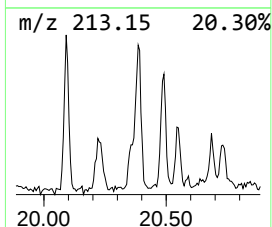
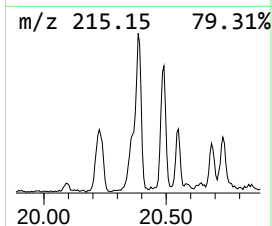
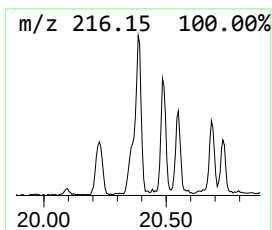
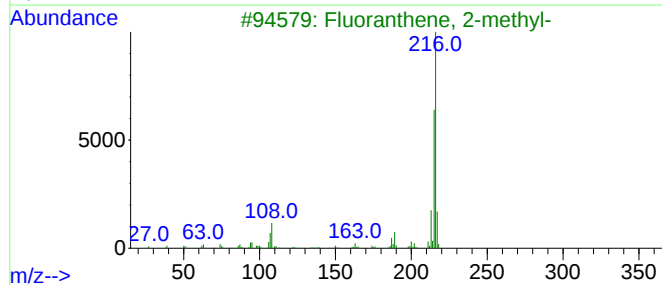
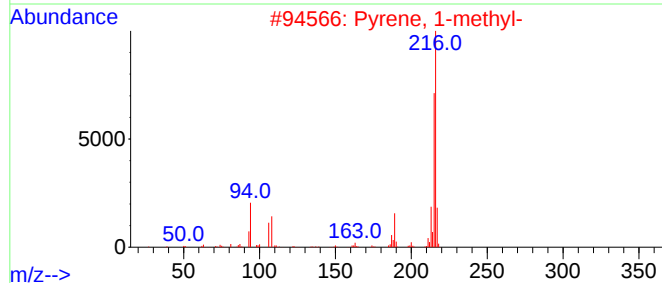
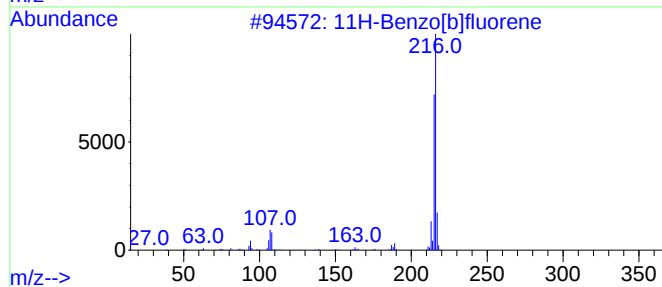
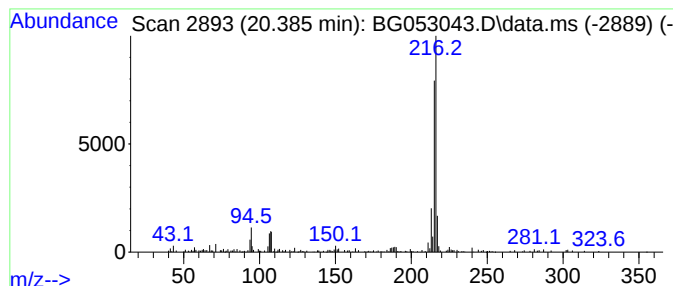
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	3.47 ng	210809	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-040122

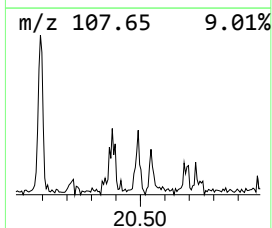
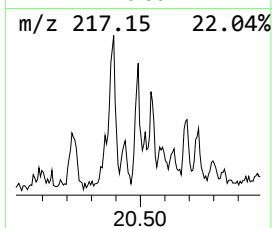
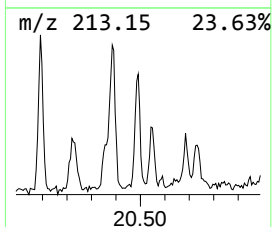
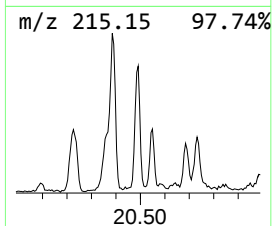
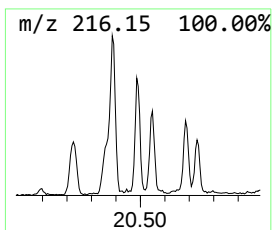
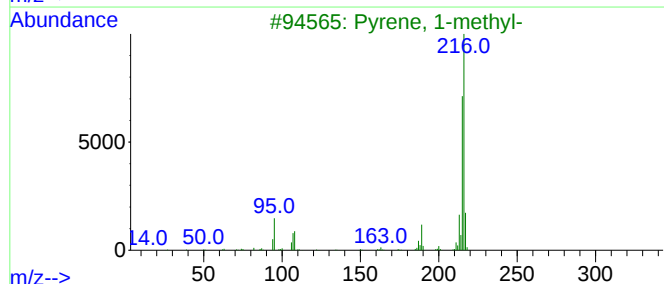
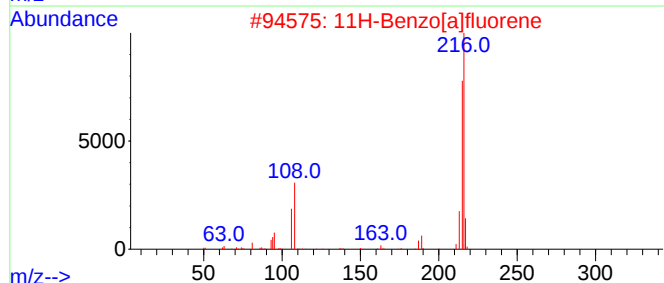
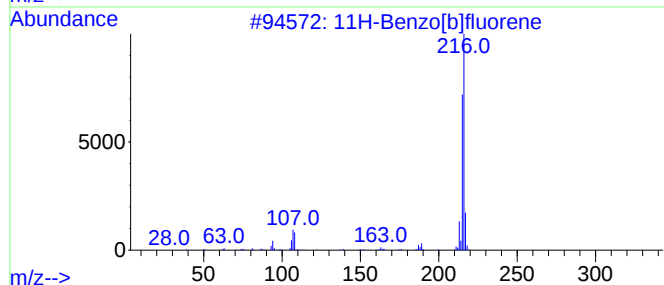
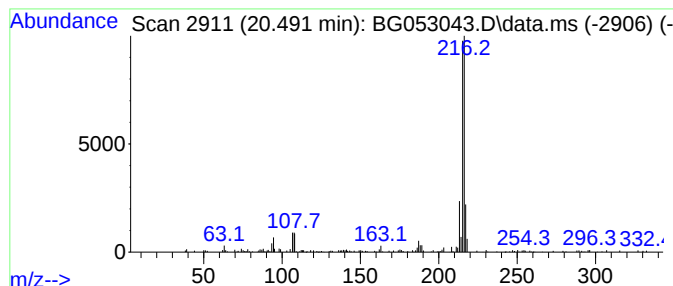
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.491	2.13 ng	129391	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

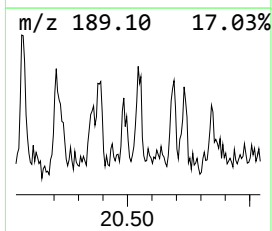
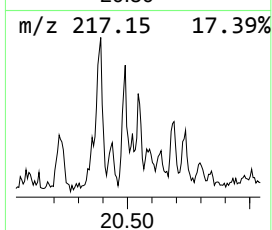
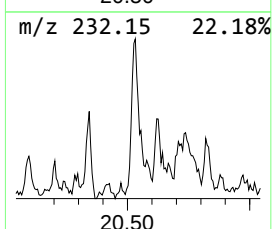
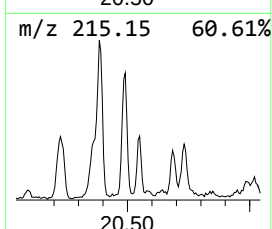
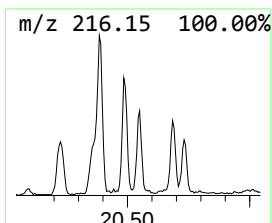
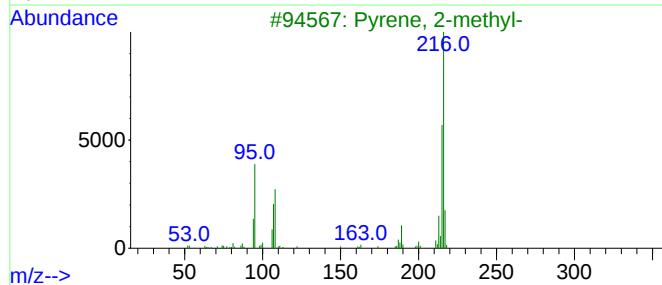
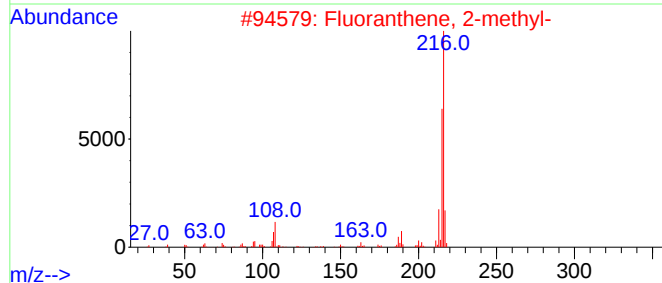
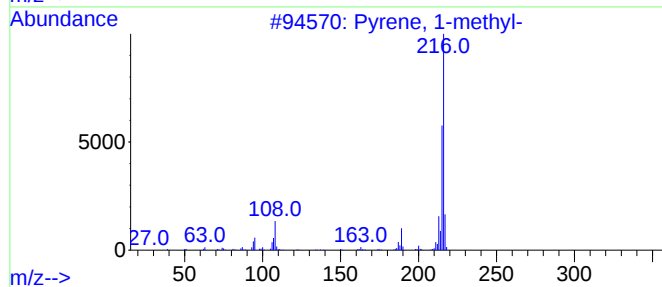
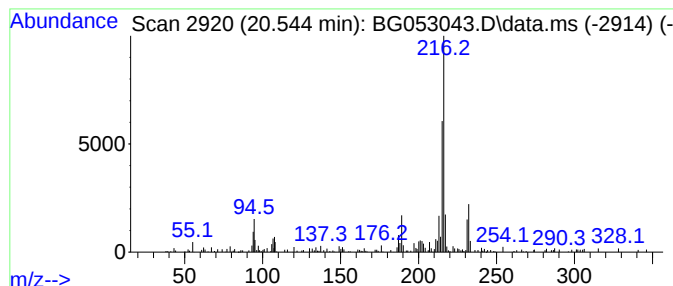
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.544	2.08 ng	126665	Chrysene-d12	21.777	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
CL-02-040122

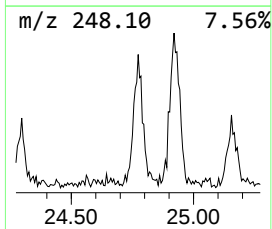
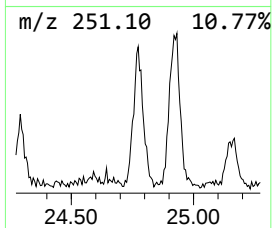
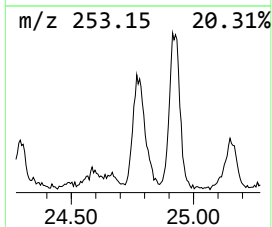
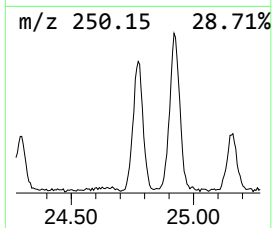
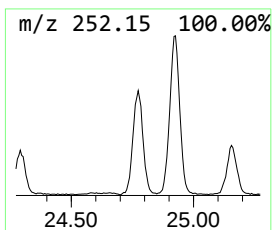
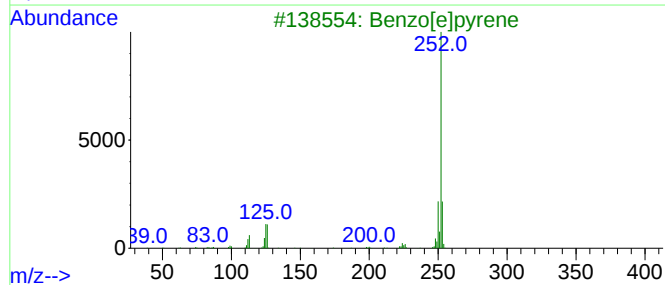
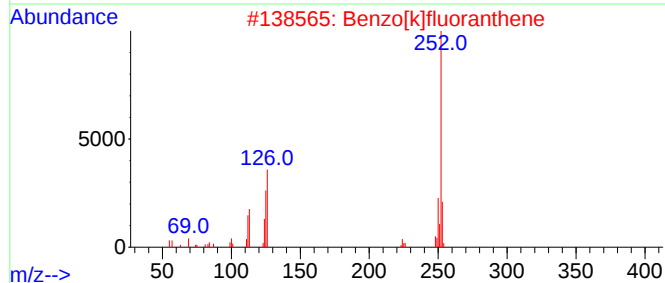
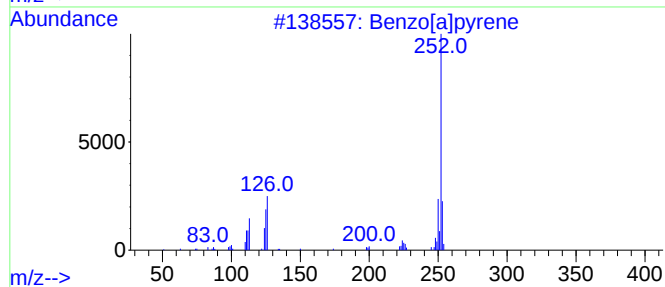
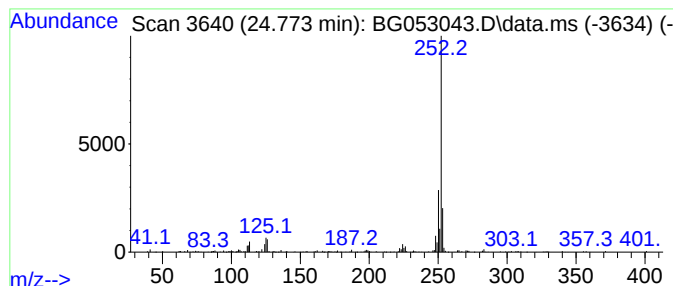
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.773	20.93 ng	497128	Perylene-d12	25.085

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	95
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[e]pyrene	252	C20H12	000192-97-2	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053043.D
Acq On : 5 Apr 2022 22:26
Operator : CG/JU
Sample : N2241-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-040122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	18.364	3.7	ng	109821	4	17.489	593208	20.0
Phenanthrene, 1...	18.411	3.7	ng	109912	4	17.489	593208	20.0
4H-Cyclopenta[d]...	18.564	6.8	ng	203027	4	17.489	593208	20.0
Naphthalene, 2-...	18.858	2.2	ng	66553	4	17.489	593208	20.0
di-p-Tolylacety...	19.275	3.5	ng	104351	4	17.489	593208	20.0
Cyclopenta(def)...	19.416	3.2	ng	94153	4	17.489	593208	20.0
Pyrene, 1-methyl-	20.221	2.3	ng	140025	5	21.777	1215210	20.0
11H-Benzo[b]flu...	20.385	3.5	ng	210809	5	21.777	1215210	20.0
11H-Benzo[a]flu...	20.491	2.1	ng	129391	5	21.777	1215210	20.0
Fluoranthene, 2...	20.544	2.1	ng	126665	5	21.777	1215210	20.0
Benzo[e]pyrene	24.773	20.9	ng	497128	6	25.085	474961	20.0