

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051114.D
 Acq On : 18 Nov 2021 20:55
 Operator : CG/JU
 Sample : M4707-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-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-BG111321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.759	379	386	407	rBV	469342	769028	48.05%	5.188%
2	7.375	651	661	674	rBV	472877	862712	53.91%	5.820%
3	8.215	798	804	817	rVB	112344	199214	12.45%	1.344%
4	9.396	996	1005	1014	rBV	295835	541202	33.82%	3.651%
5	10.788	1236	1242	1255	rBV	132186	248284	15.51%	1.675%
6	11.047	1278	1286	1292	rBV	166209	296377	18.52%	2.000%
7	13.468	1688	1698	1706	rBV	794107	1222176	76.37%	8.246%
8	14.572	1881	1886	1892	rBV	9592	18406	1.15%	0.124%
9	14.848	1926	1933	1939	rVB	276600	430847	26.92%	2.907%
10	15.242	1995	2000	2007	rVB2	10369	18142	1.13%	0.122%
11	15.894	2103	2111	2122	rVB4	10115	22876	1.43%	0.154%
12	16.335	2180	2186	2199	rBV	578474	913416	57.07%	6.162%
13	17.116	2312	2319	2323	rBV4	8336	17434	1.09%	0.118%
14	17.252	2336	2342	2347	rBV	22391	36273	2.27%	0.245%
15	17.304	2347	2351	2362	rVV7	11152	30182	1.89%	0.204%
16	17.410	2365	2369	2376	rVB	10967	18745	1.17%	0.126%
17	17.592	2393	2400	2404	rBV	334670	529629	33.09%	3.573%
18	17.639	2404	2408	2414	rVB	240152	366414	22.90%	2.472%
19	17.727	2419	2423	2428	rVV	32475	51869	3.24%	0.350%
20	17.786	2429	2433	2441	rVB5	8439	16606	1.04%	0.112%
21	17.998	2461	2469	2474	rBV2	25538	50816	3.18%	0.343%
22	18.174	2494	2499	2503	rVV3	12661	22310	1.39%	0.151%
23	18.221	2503	2507	2512	rVB	30840	41356	2.58%	0.279%
24	18.468	2542	2549	2553	rVV	50771	86898	5.43%	0.586%
25	18.515	2553	2557	2562	rVB	70169	101606	6.35%	0.685%
26	18.591	2566	2570	2575	rVB	17008	25538	1.60%	0.172%
27	18.656	2575	2581	2585	rBV3	52575	109866	6.86%	0.741%
28	18.697	2585	2588	2592	rVB	31027	40430	2.53%	0.273%
29	18.955	2627	2632	2636	rBV	41364	60691	3.79%	0.409%
30	19.008	2636	2641	2649	rVB	53498	87173	5.45%	0.588%
31	19.196	2665	2673	2677	rBV5	20286	39463	2.47%	0.266%
32	19.243	2678	2681	2685	rVB	15188	19826	1.24%	0.134%
33	19.290	2685	2689	2693	rVB2	13556	17994	1.12%	0.121%
34	19.373	2696	2703	2708	rBV4	61425	138605	8.66%	0.935%
35	19.461	2716	2718	2721	rVB	16887	18311	1.14%	0.124%
36	19.519	2721	2728	2735	rVB4	35168	70633	4.41%	0.477%

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37	19.637	2741	2748	2753	rBV	482002	699680	43.72%	4.720%
38	19.684	2753	2756	2760	rVB	13510	17755	1.11%	0.120%
39	19.731	2760	2764	2769	rVB5	19346	31521	1.97%	0.213%
40	19.790	2769	2774	2776	rBV	20990	29760	1.86%	0.201%
41	19.960	2799	2803	2805	rBV	70331	100421	6.27%	0.678%
42	20.001	2805	2810	2816	rVV	424082	636515	39.77%	4.294%
43	20.060	2816	2820	2825	rVB	37670	60012	3.75%	0.405%
44	20.183	2835	2841	2846	rBV	1198185	1600399	100.00%	10.797%
45	20.319	2857	2864	2870	rBV4	45292	121123	7.57%	0.817%
46	20.389	2872	2876	2880	rVV6	13894	29346	1.83%	0.198%
47	20.454	2880	2887	2889	rVV4	39463	91910	5.74%	0.620%
48	20.483	2889	2892	2897	rVB	57537	85910	5.37%	0.580%
49	20.583	2905	2909	2912	rBV2	27638	41467	2.59%	0.280%
50	20.648	2913	2920	2923	rVB2	43809	85935	5.37%	0.580%
51	20.789	2939	2944	2947	rBV2	33298	49893	3.12%	0.337%
52	20.836	2948	2952	2961	rVB3	33953	72078	4.50%	0.486%
53	20.947	2969	2971	2978	rVB7	12843	16315	1.02%	0.110%
54	21.264	3020	3025	3031	rBV	65191	104505	6.53%	0.705%
55	21.458	3051	3058	3059	rBV3	42742	81567	5.10%	0.550%
56	21.552	3070	3074	3078	rBV3	29832	60660	3.79%	0.409%
57	21.611	3081	3084	3091	rVB	52677	91773	5.73%	0.619%
58	21.887	3123	3131	3137	rBV2	342127	923109	57.68%	6.228%
59	21.940	3137	3140	3153	rVB	202267	381671	23.85%	2.575%
60	22.328	3200	3206	3211	rVB4	27305	60521	3.78%	0.408%
61	24.214	3519	3527	3536	rBV	154758	555261	34.70%	3.746%
62	24.484	3567	3573	3581	rBV3	31075	83574	5.22%	0.564%
63	24.984	3650	3658	3671	rVB	91610	296199	18.51%	1.998%
64	25.142	3676	3685	3697	rVB	128932	364155	22.75%	2.457%
65	25.301	3701	3712	3721	rBV	163647	507810	31.73%	3.426%

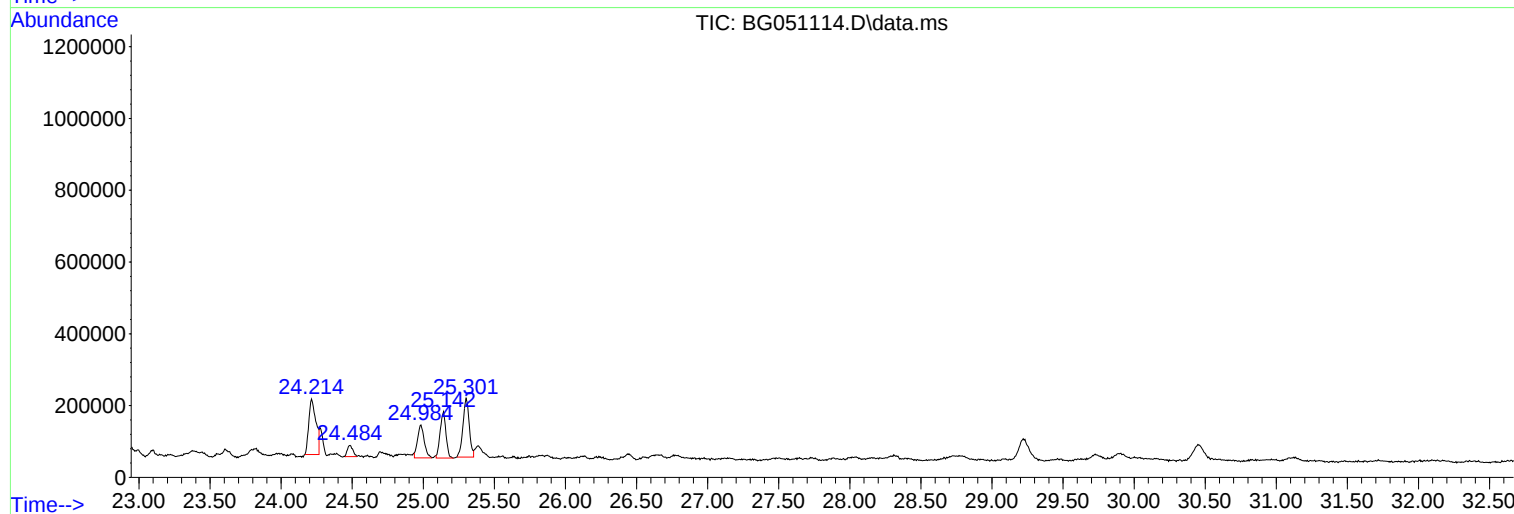
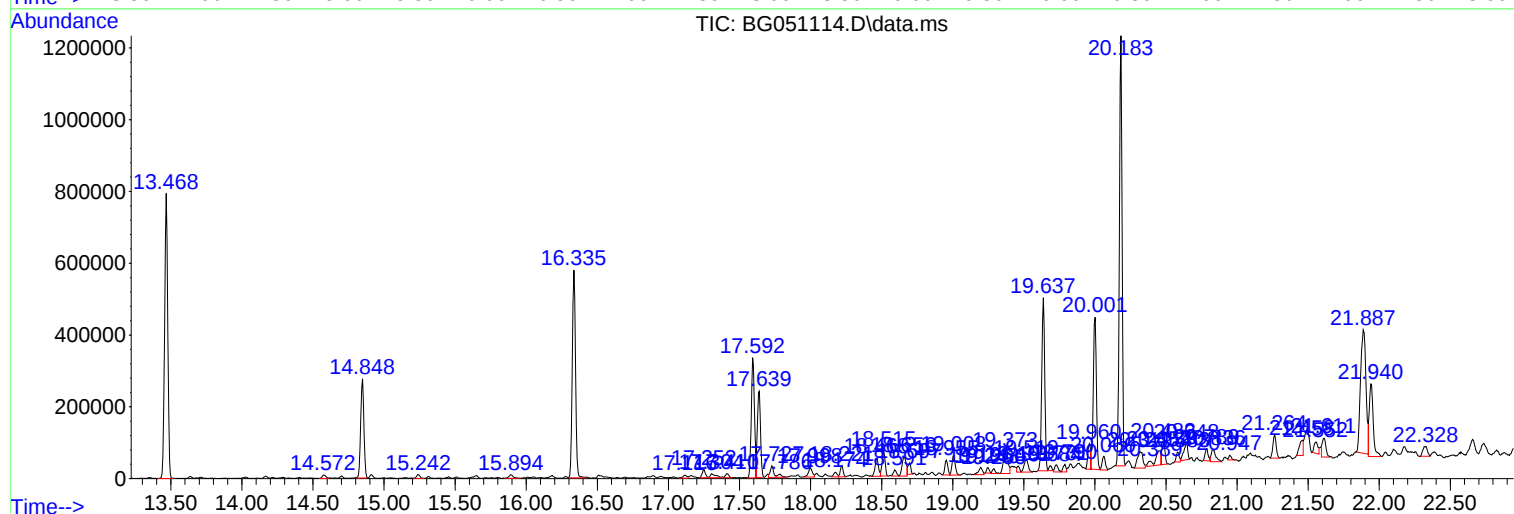
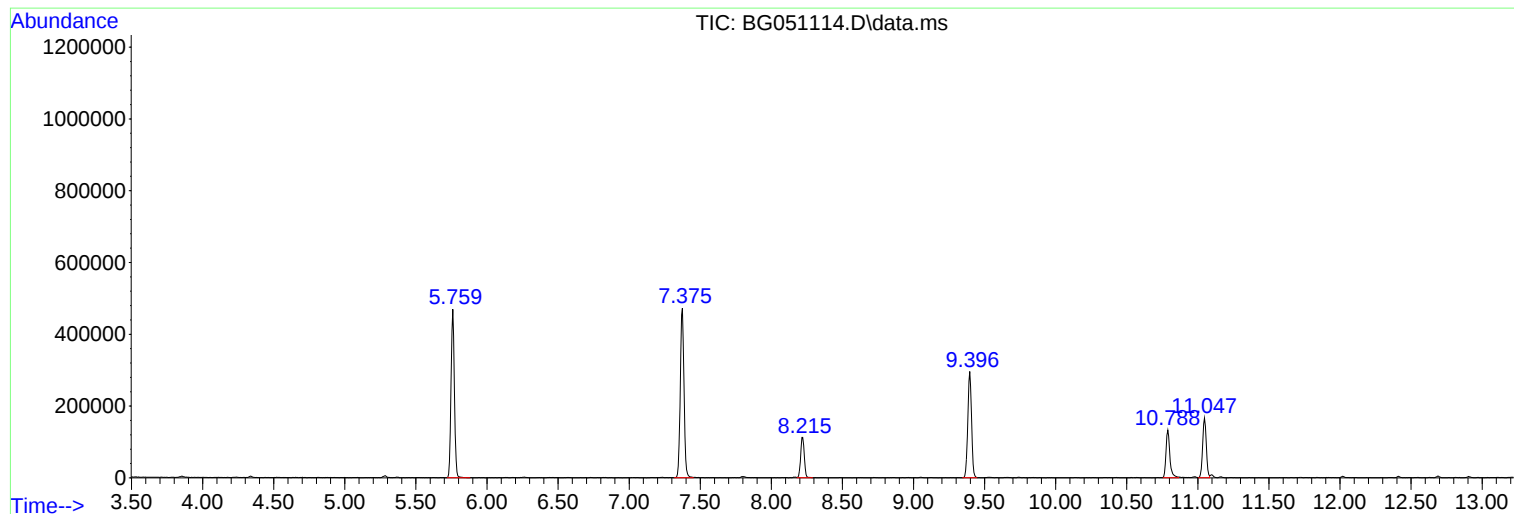
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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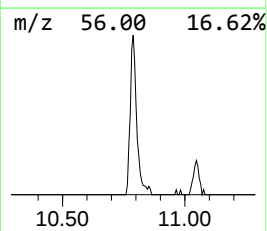
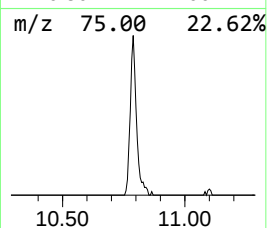
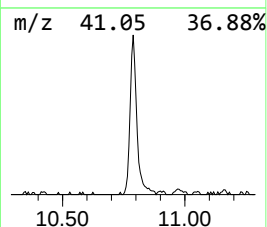
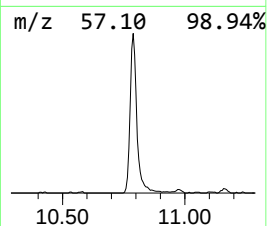
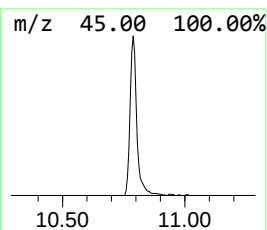
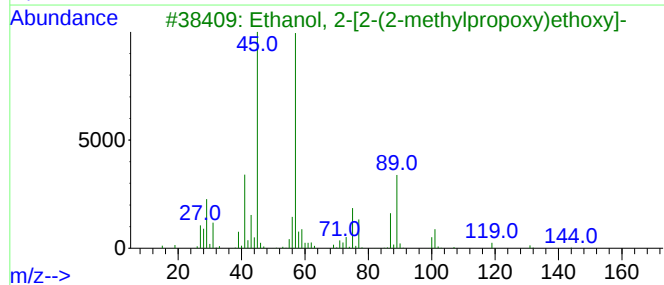
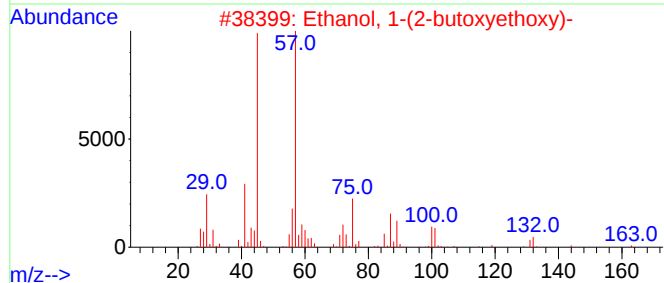
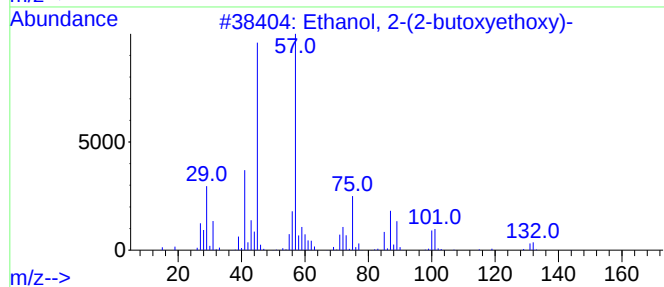
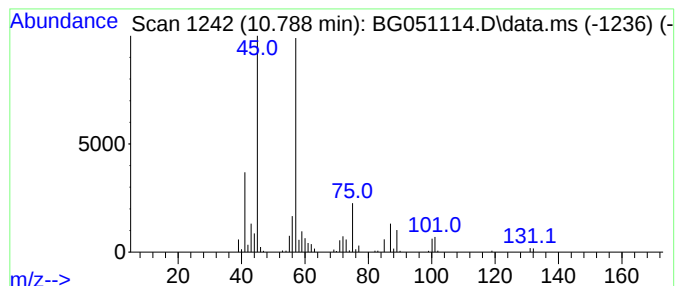
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.789	16.75 ng	248284	Naphthalene-d8	11.047

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59



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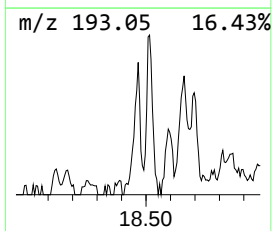
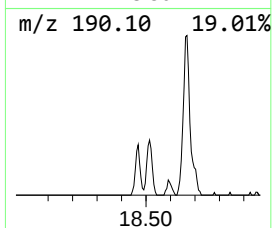
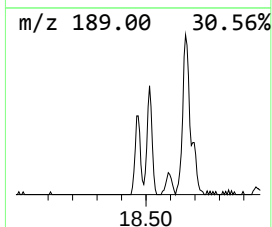
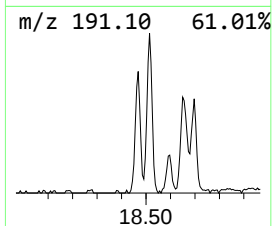
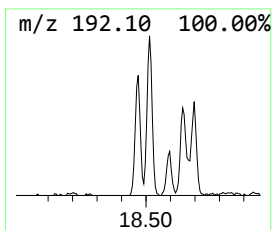
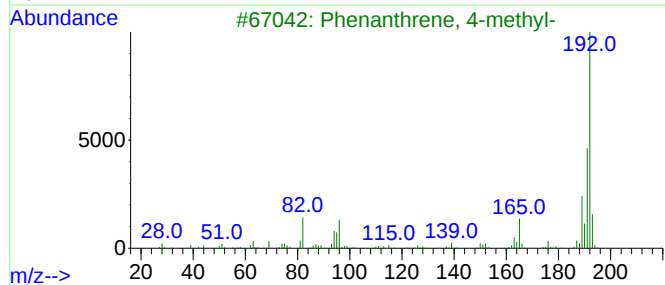
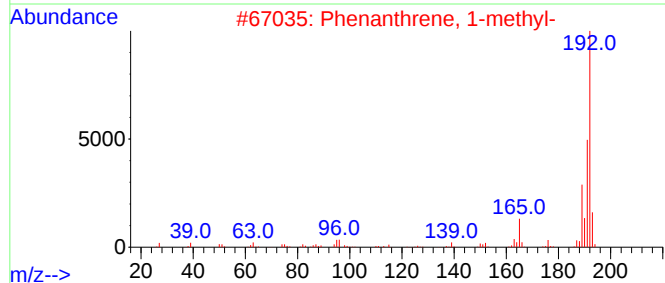
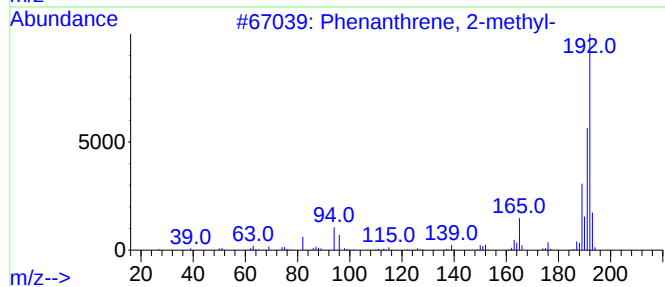
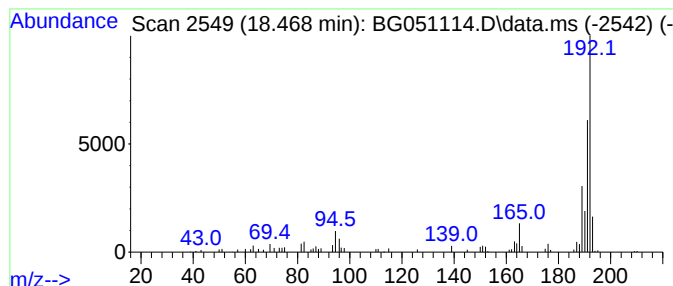
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	3.28 ng	86898	Phenanthrene-d10	17.592

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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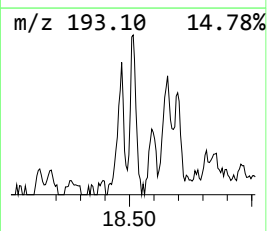
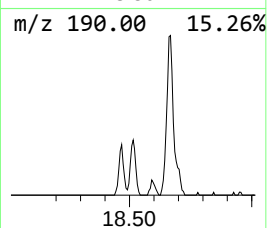
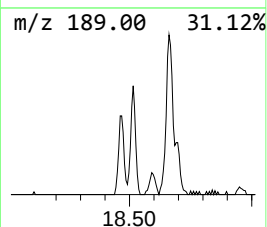
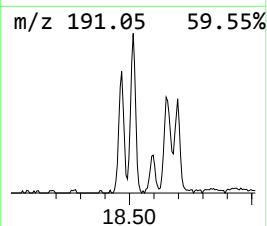
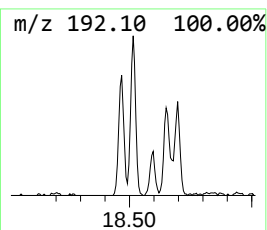
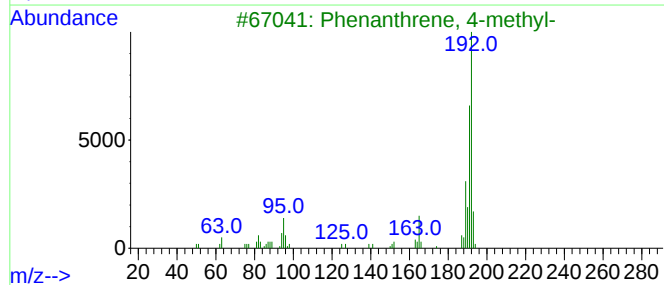
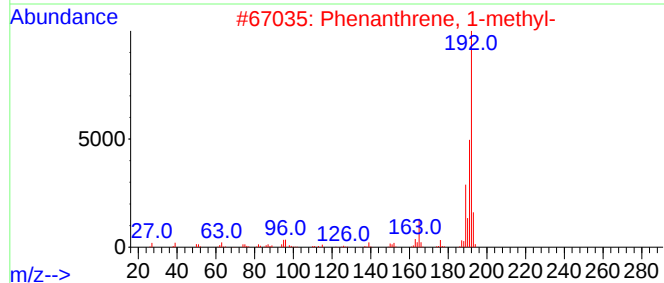
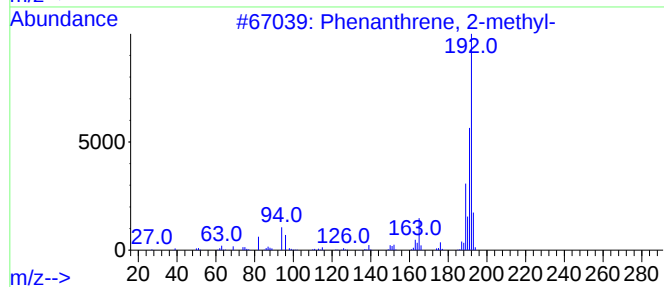
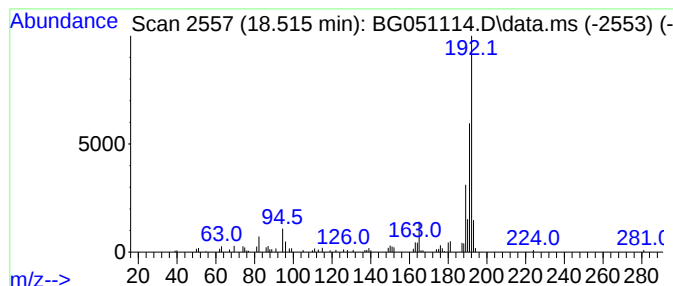
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.515	3.84 ng	101606	Phenanthrene-d10	17.592

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	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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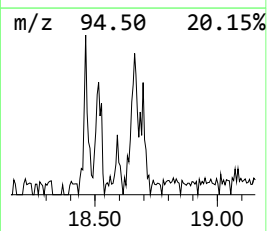
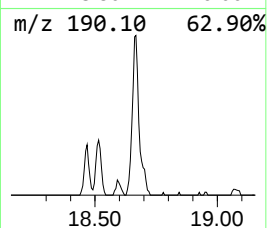
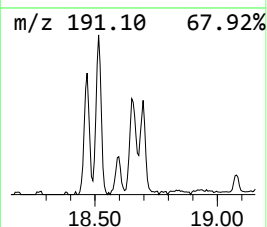
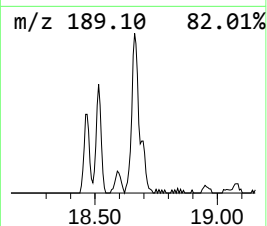
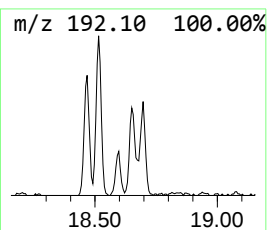
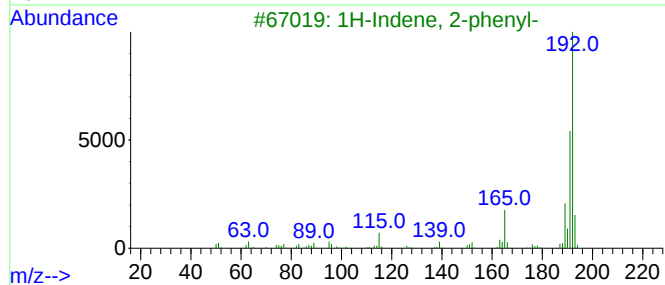
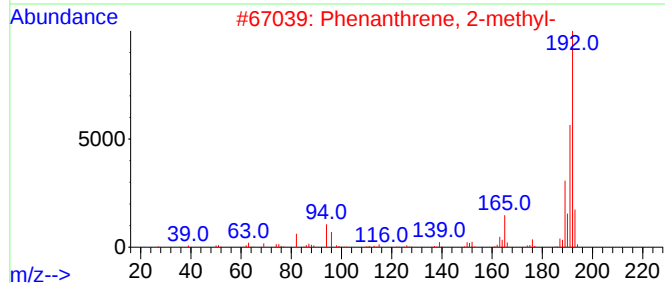
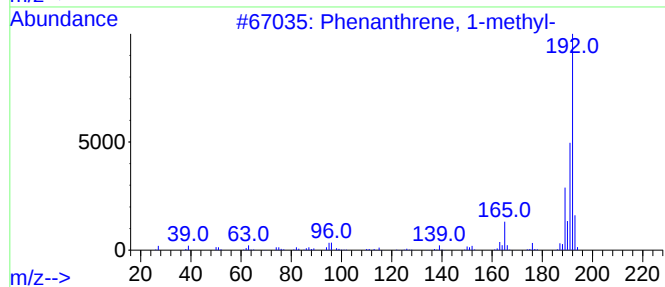
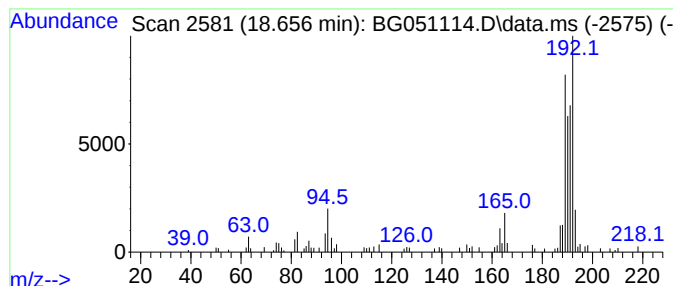
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.656	4.15 ng	109866	Phenanthrene-d10	17.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
Operator : CG/JU
Sample : M4707-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

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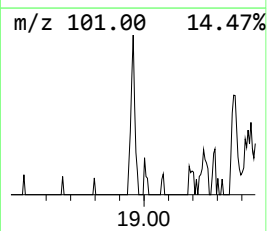
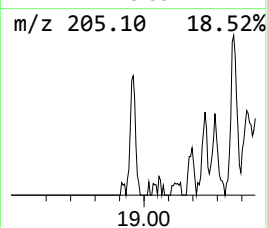
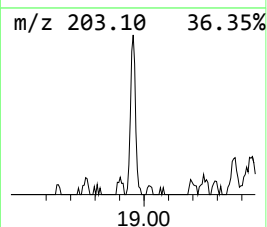
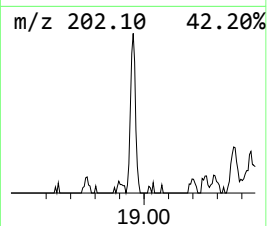
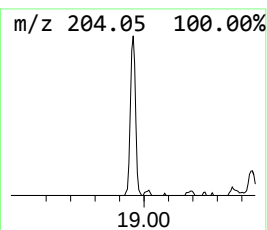
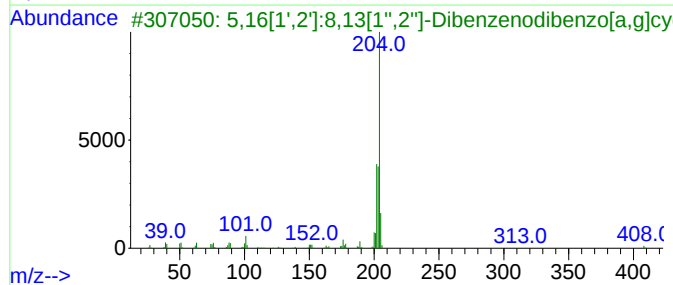
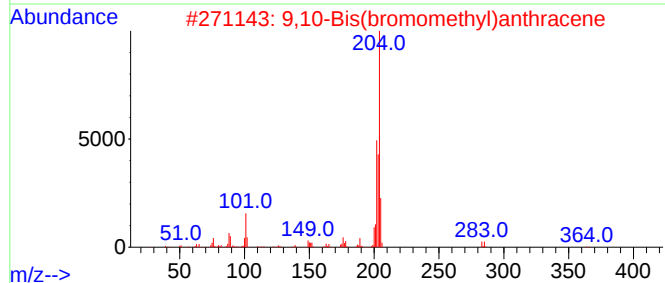
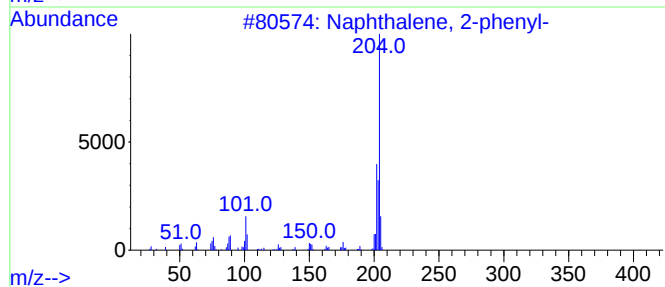
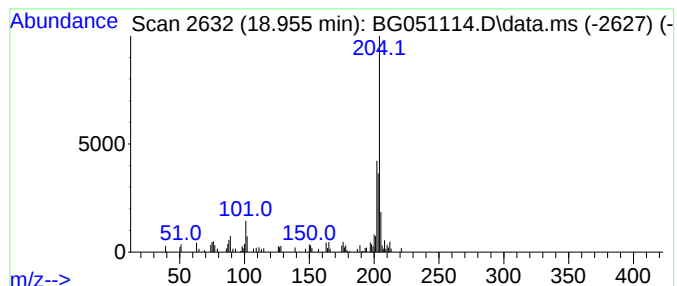
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.955	2.29 ng	60691	Phenanthrene-d10	17.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
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	58
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
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Sample : M4707-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

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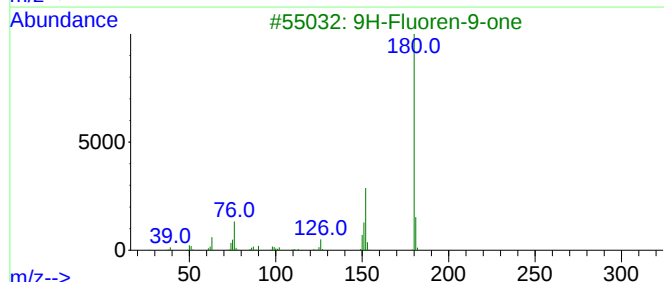
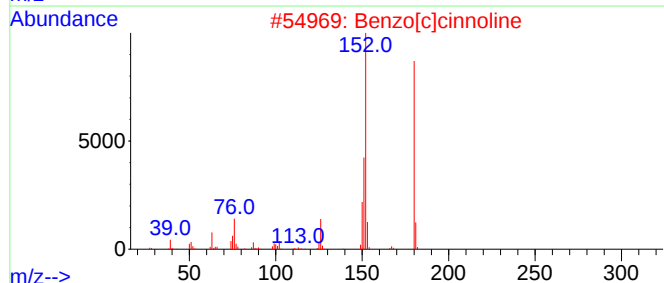
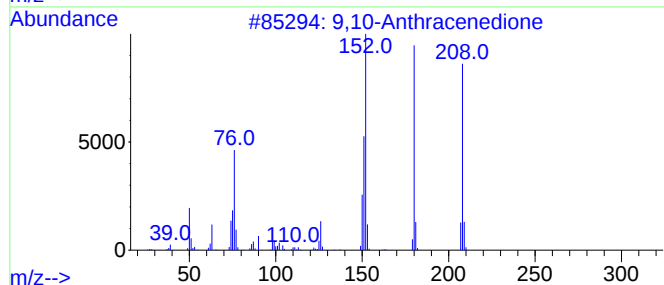
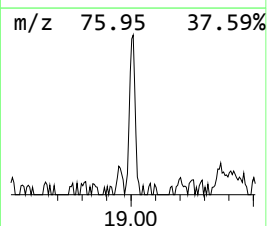
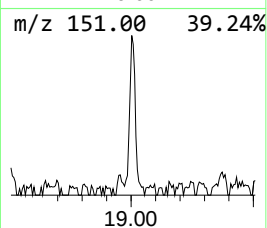
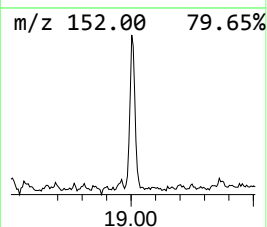
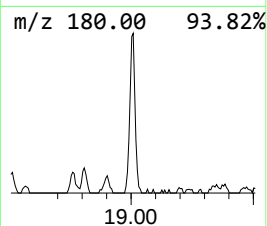
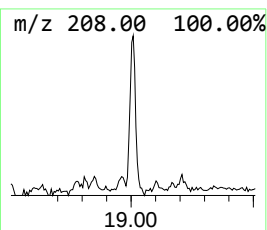
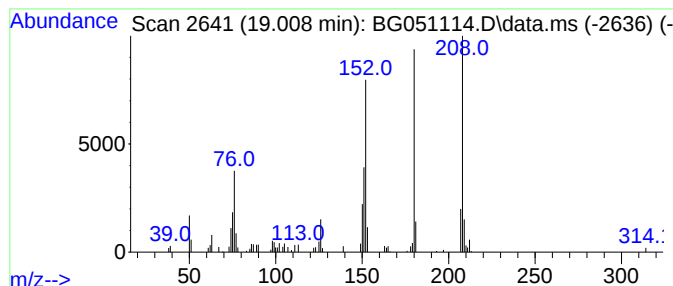
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.008	3.29 ng	87173	Phenanthrene-d10	17.592

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
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Sample : M4707-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

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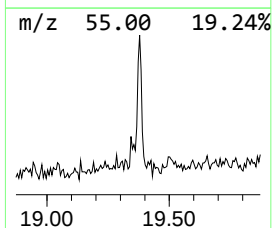
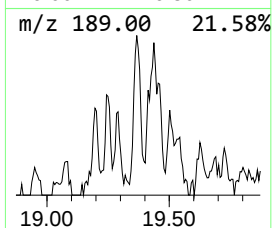
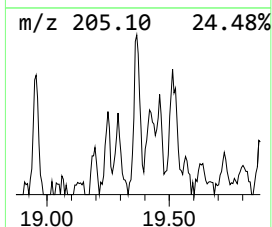
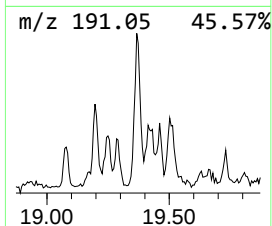
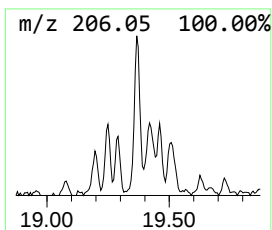
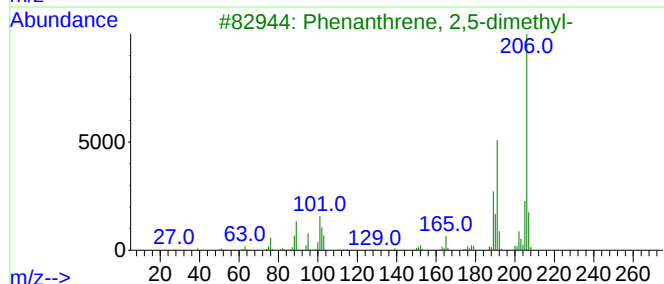
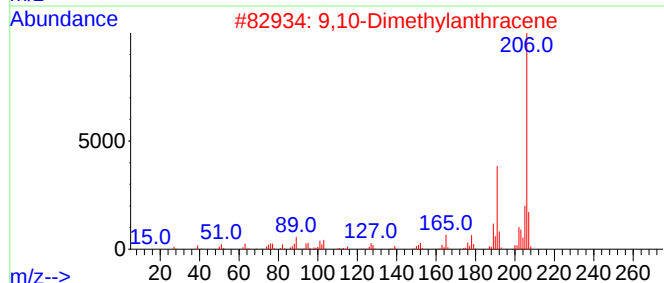
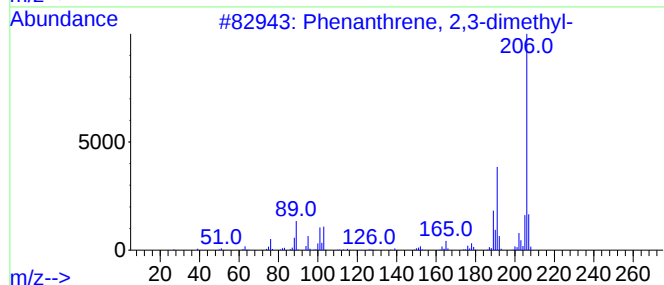
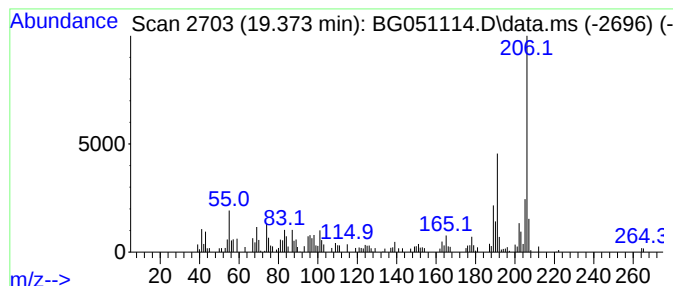
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.373	5.23 ng	138605	Phenanthrene-d10	17.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
Operator : CG/JU
Sample : M4707-18
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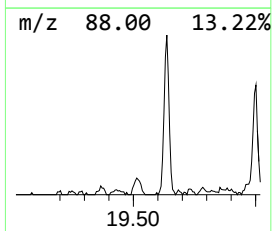
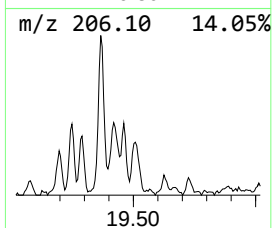
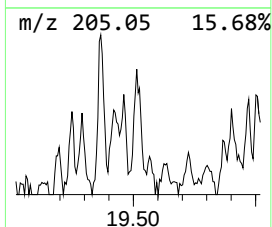
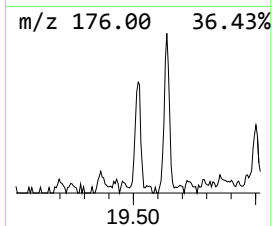
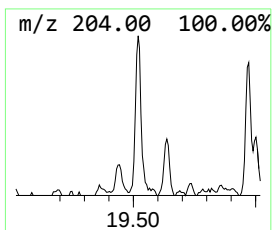
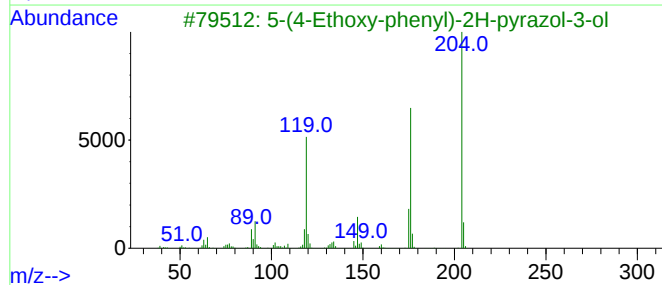
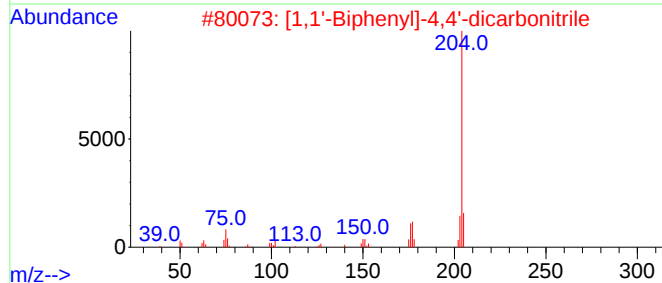
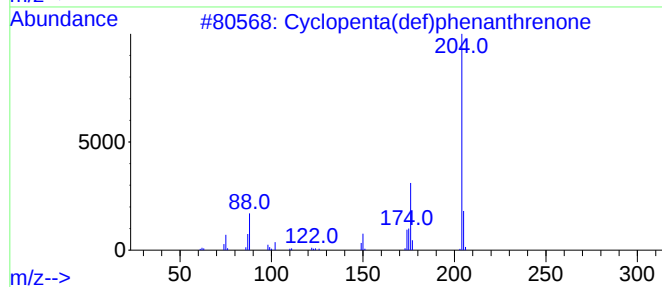
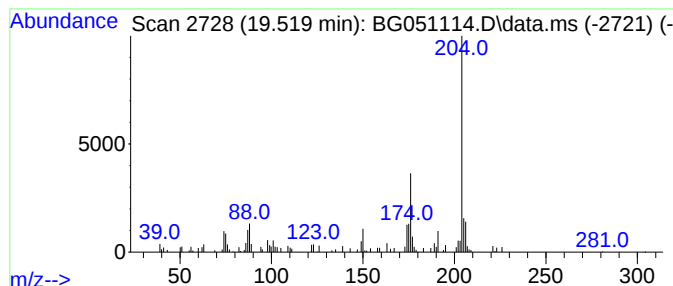
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.519	2.67 ng	70633	Phenanthrene-d10	17.592	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
5	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
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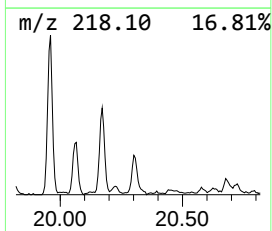
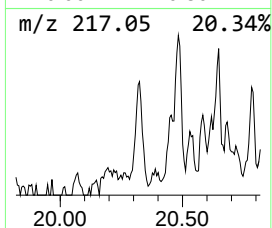
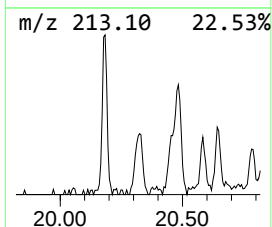
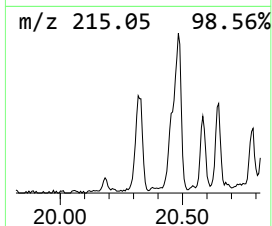
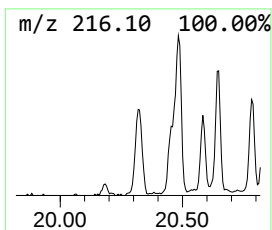
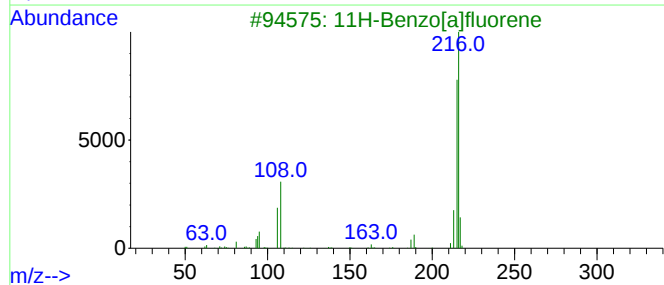
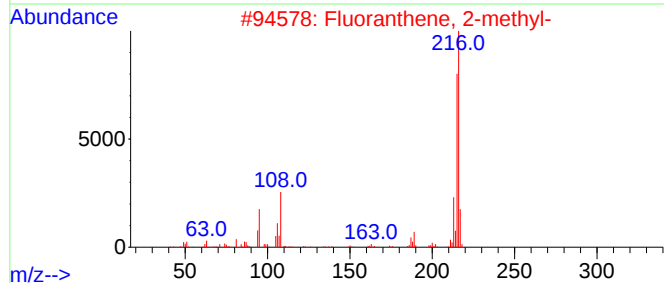
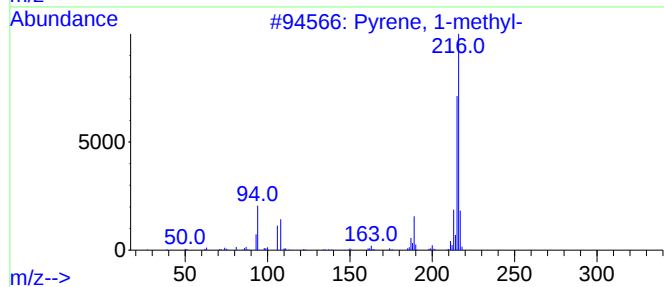
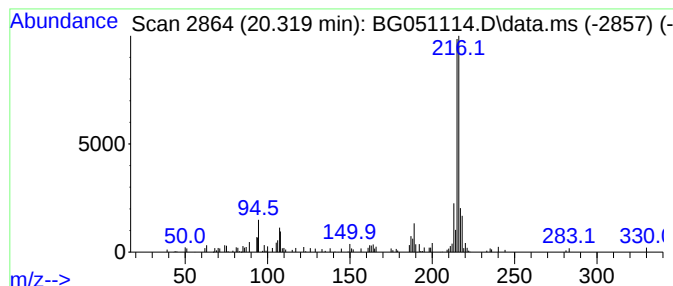
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.319	2.62 ng	121123	Chrysene-d12	21.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
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ClientSampleId :
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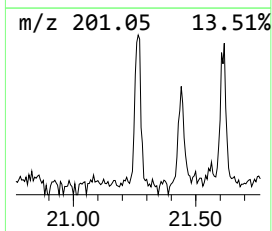
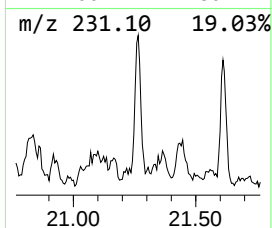
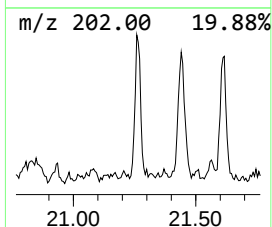
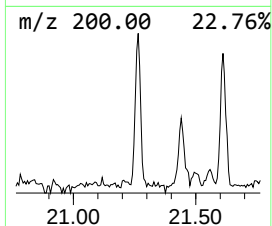
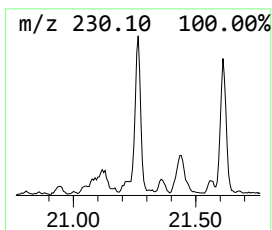
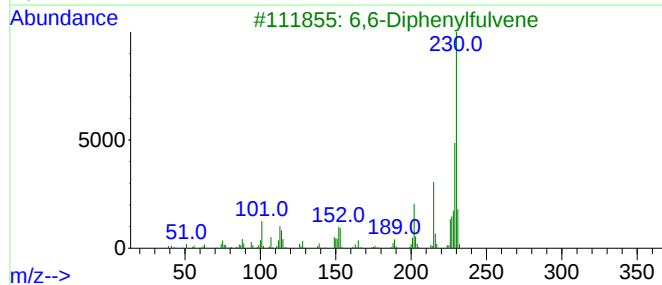
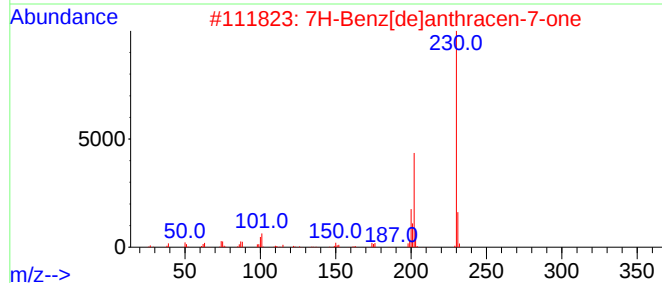
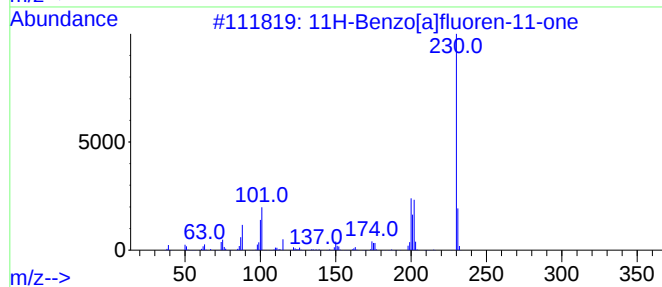
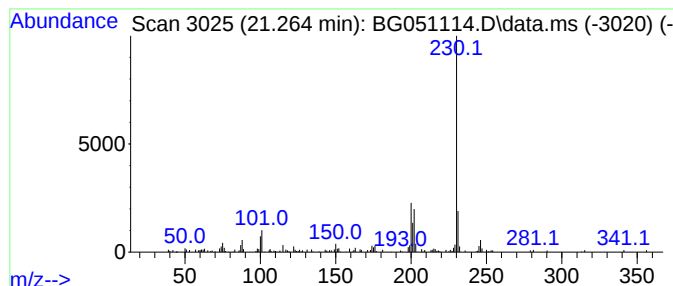
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	2.26 ng	104505	Chrysene-d12	21.893

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		6,6-Diphenylfulvene	230	C18H14	002175-90-8	64
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
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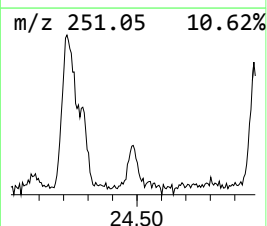
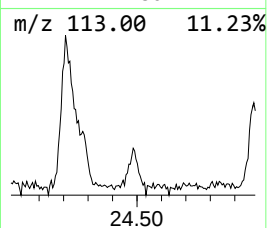
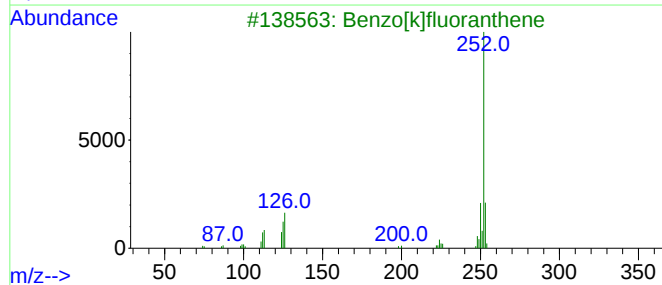
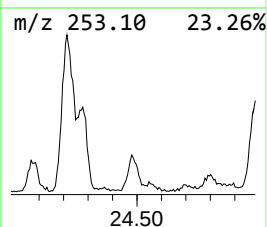
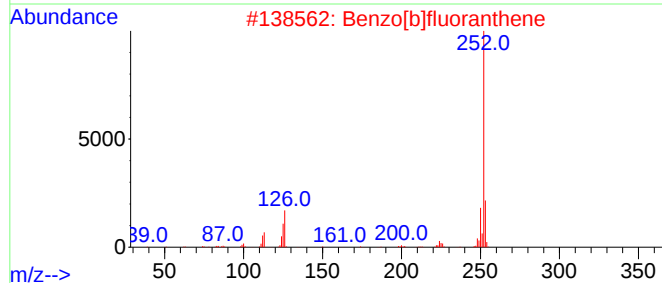
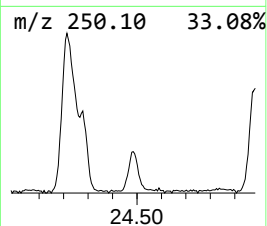
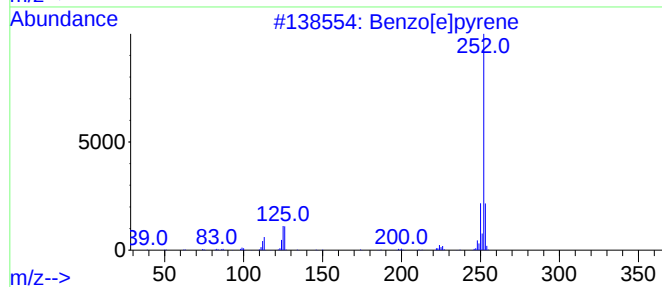
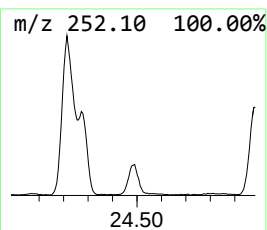
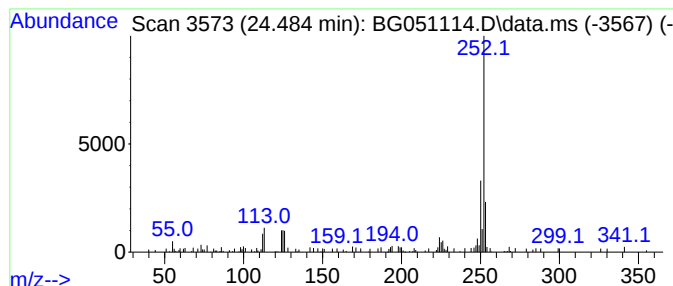
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.484	3.29 ng	83574	Perylene-d12	25.301

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	76
5			Perylene	252	C20H12	000198-55-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051114.D
Acq On : 18 Nov 2021 20:55
Operator : CG/JU
Sample : M4707-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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
Ethanol, 2-(2-b...	10.789	16.8	ng	248284	2	11.047	296377	20.0
Phenanthrene, 2...	18.468	3.3	ng	86898	4	17.592	529629	20.0
Phenanthrene, 1...	18.515	3.8	ng	101606	4	17.592	529629	20.0
1H-Indene, 2-ph...	18.656	4.2	ng	109866	4	17.592	529629	20.0
Naphthalene, 2-...	18.955	2.3	ng	60691	4	17.592	529629	20.0
9,10-Anthracene...	19.008	3.3	ng	87173	4	17.592	529629	20.0
Phenanthrene, 2...	19.373	5.2	ng	138605	4	17.592	529629	20.0
Cyclopenta(def)...	19.519	2.7	ng	70633	4	17.592	529629	20.0
Pyrene, 1-methyl-	20.319	2.6	ng	121123	5	21.893	923109	20.0
11H-Benzo[a]flu...	21.265	2.3	ng	104505	5	21.893	923109	20.0
Benzo[e]pyrene	24.484	3.3	ng	83574	6	25.301	507810	20.0