

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054935.D
 Acq On : 13 Sep 2022 23:56
 Operator : CG/JU
 Sample : N4572-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124035

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.196	319	325	331	rBV	45236	73195	5.24%	0.506%
2	5.678	399	407	420	rBV	478578	806901	57.72%	5.574%
3	7.288	674	681	698	rBV	465843	838947	60.02%	5.796%
4	8.134	818	825	833	rVB	137008	234712	16.79%	1.621%
5	9.309	1016	1025	1036	rBV	287068	518805	37.11%	3.584%
6	10.960	1297	1306	1312	rBV	184644	341702	24.44%	2.361%
7	12.729	1599	1607	1612	rBV2	9375	15668	1.12%	0.108%
8	13.393	1713	1720	1732	rBV	659810	1015663	72.66%	7.017%
9	14.086	1830	1838	1844	rBV4	13153	30006	2.15%	0.207%
10	14.767	1945	1954	1960	rBV	308125	506777	36.25%	3.501%
11	14.832	1960	1965	1972	rVB	100295	157404	11.26%	1.087%
12	15.079	2001	2007	2013	rVB	10977	17546	1.26%	0.121%
13	15.167	2015	2022	2030	rBV	38511	64190	4.59%	0.443%
14	15.379	2053	2058	2064	rBV3	8030	16348	1.17%	0.113%
15	15.813	2126	2132	2141	rBV2	95687	155118	11.10%	1.072%
16	15.907	2142	2148	2150	rBV3	12082	17283	1.24%	0.119%
17	15.972	2156	2159	2164	rVB4	15540	22707	1.62%	0.157%
18	16.107	2177	2182	2191	rVB	26606	44415	3.18%	0.307%
19	16.260	2201	2208	2215	rBV	652254	1061098	75.91%	7.331%
20	16.454	2236	2241	2244	rBV5	8444	16037	1.15%	0.111%
21	16.489	2244	2247	2257	rVB3	12534	24364	1.74%	0.168%
22	16.818	2291	2303	2307	rBV3	27206	66851	4.78%	0.462%
23	16.865	2307	2311	2316	rVB4	9211	15558	1.11%	0.107%
24	16.965	2324	2328	2333	rVB2	14708	22656	1.62%	0.157%
25	17.041	2333	2341	2344	rBV5	12454	28433	2.03%	0.196%
26	17.082	2344	2348	2352	rVB3	10329	14444	1.03%	0.100%
27	17.182	2359	2365	2371	rBV6	16925	37198	2.66%	0.257%
28	17.235	2371	2374	2377	rBV4	12264	19092	1.37%	0.132%
29	17.335	2386	2391	2398	rVB	27303	45545	3.26%	0.315%
30	17.517	2416	2422	2426	rBV	422087	647258	46.30%	4.472%
31	17.558	2426	2429	2435	rVV	284122	420075	30.05%	2.902%
32	17.652	2435	2445	2450	rVV	64912	120864	8.65%	0.835%
33	17.711	2450	2455	2463	rVB	36079	63170	4.52%	0.436%
34	17.917	2483	2490	2498	rBV6	11464	36319	2.60%	0.251%
35	18.034	2506	2510	2513	rBV2	13134	19411	1.39%	0.134%
36	18.116	2517	2524	2529	rVV5	17306	34264	2.45%	0.237%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054935.D
 Acq On : 13 Sep 2022 23:56
 Operator : CG/JU
 Sample : N4572-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124035

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-BG082522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.240	2541	2545	2552	rVB6	6258	14336	1.03%	0.099%
38	18.393	2562	2571	2575	rBV	50296	85863	6.14%	0.593%
39	18.440	2575	2579	2585	rVB	64102	99680	7.13%	0.689%
40	18.522	2586	2593	2598	rBV	33330	50536	3.62%	0.349%
41	18.592	2598	2605	2609	rBV4	125499	230456	16.49%	1.592%
42	18.886	2650	2655	2659	rBV	40028	57485	4.11%	0.397%
43	18.933	2659	2663	2669	rVB4	13279	20576	1.47%	0.142%
44	19.127	2690	2696	2701	rBV5	20055	31432	2.25%	0.217%
45	19.180	2701	2705	2708	rVV	10464	14762	1.06%	0.102%
46	19.297	2720	2725	2730	rBV2	25871	43741	3.13%	0.302%
47	19.368	2732	2737	2745	rVB4	18595	41827	2.99%	0.289%
48	19.450	2745	2751	2757	rBV3	22012	50141	3.59%	0.346%
49	19.568	2765	2771	2776	rBV	550937	779978	55.80%	5.388%
50	19.621	2776	2780	2784	rVV2	11979	21353	1.53%	0.148%
51	19.662	2784	2787	2793	rVB3	14746	20571	1.47%	0.142%
52	19.809	2806	2812	2820	rBV2	16971	39370	2.82%	0.272%
53	19.897	2821	2827	2829	rVV2	92921	154684	11.07%	1.069%
54	19.932	2829	2833	2840	rVV	404634	602498	43.10%	4.162%
55	19.991	2840	2843	2849	rVB2	22871	35796	2.56%	0.247%
56	20.114	2858	2864	2871	rBV	1071265	1397873	100.00%	9.657%
57	20.173	2872	2874	2881	rVB2	16969	23589	1.69%	0.163%
58	20.255	2881	2888	2894	rBV3	31334	77158	5.52%	0.533%
59	20.414	2904	2915	2921	rBV	83181	192827	13.79%	1.332%
60	20.520	2927	2933	2936	rBV	76533	114812	8.21%	0.793%
61	20.578	2939	2943	2946	rVV	34865	57698	4.13%	0.399%
62	20.614	2947	2949	2952	rVB	14930	14337	1.03%	0.099%
63	20.713	2962	2966	2970	rBV	30174	48456	3.47%	0.335%
64	20.760	2971	2974	2983	rVB2	32026	53166	3.80%	0.367%
65	21.136	3035	3038	3043	rBV7	11652	22713	1.62%	0.157%
66	21.377	3075	3079	3082	rBV	25798	41845	2.99%	0.289%
67	21.418	3082	3086	3091	rVB2	50286	88094	6.30%	0.609%
68	21.812	3144	3153	3158	rBV2	432582	939963	67.24%	6.494%
69	21.859	3158	3161	3174	rVB	115891	200660	14.35%	1.386%
70	22.018	3183	3188	3192	rBV	24847	42706	3.06%	0.295%
71	24.104	3535	3543	3550	rBV2	62572	202233	14.47%	1.397%
72	24.861	3666	3672	3683	rVB	36134	100997	7.23%	0.698%
73	25.020	3691	3699	3711	rVB	44658	139860	10.01%	0.966%
74	25.185	3716	3727	3738	rBV2	246170	750968	53.72%	5.188%

Sum of corrected areas: 14475064

Instrument :

BNA_G

ClientSampleId :

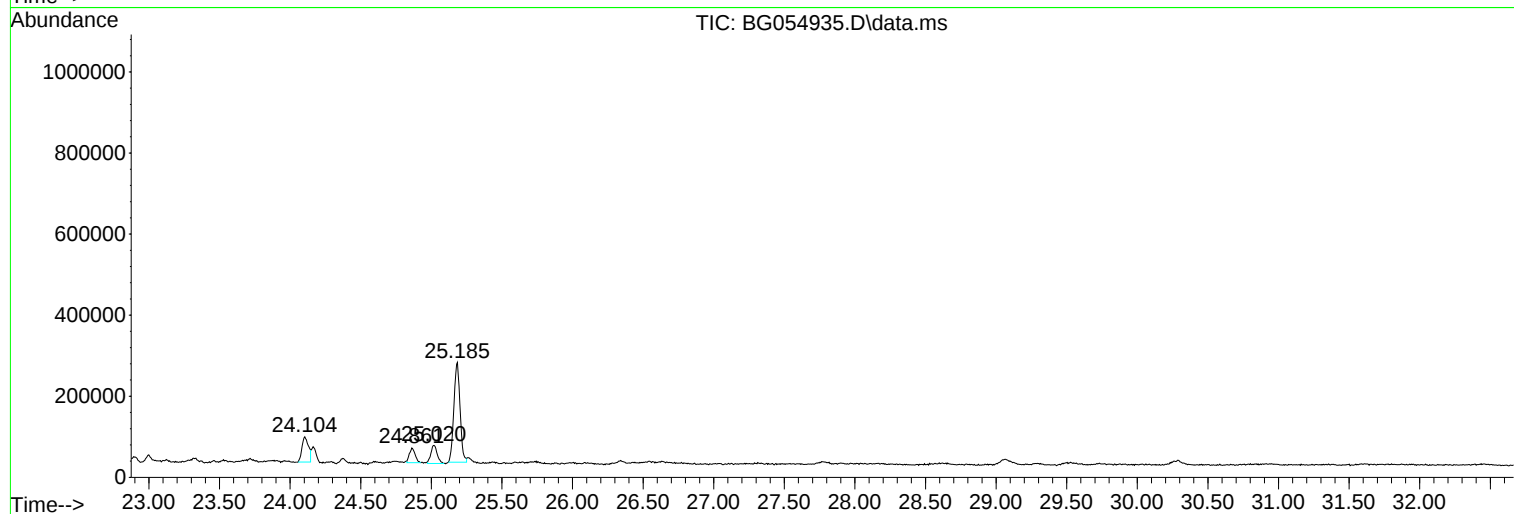
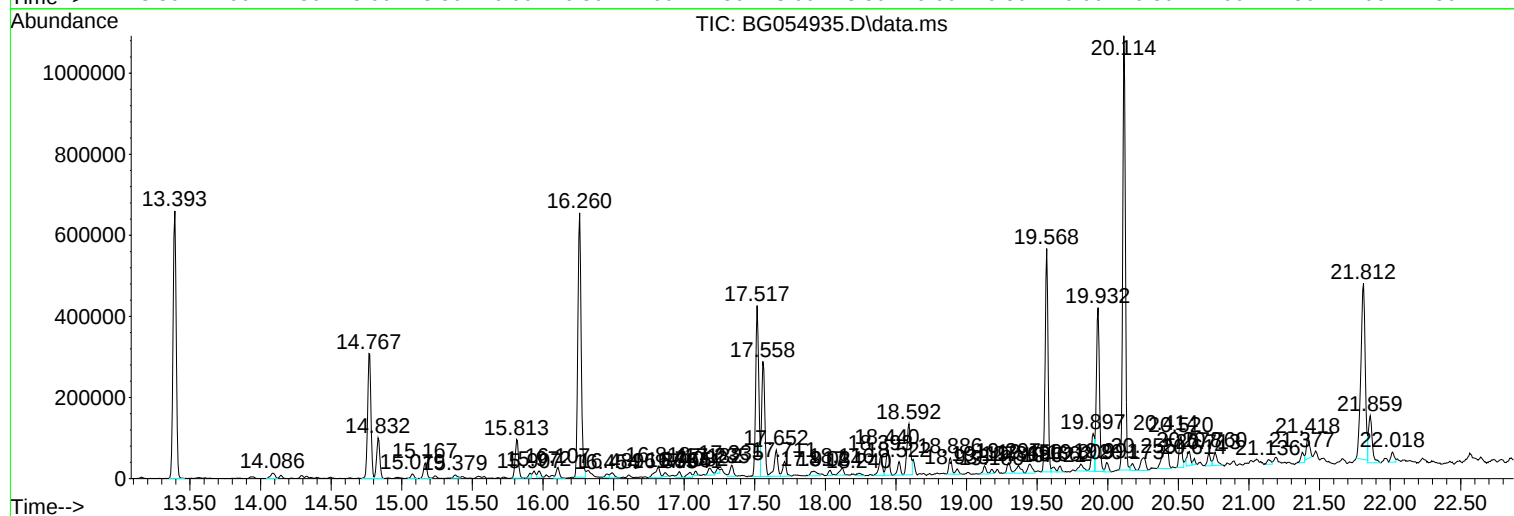
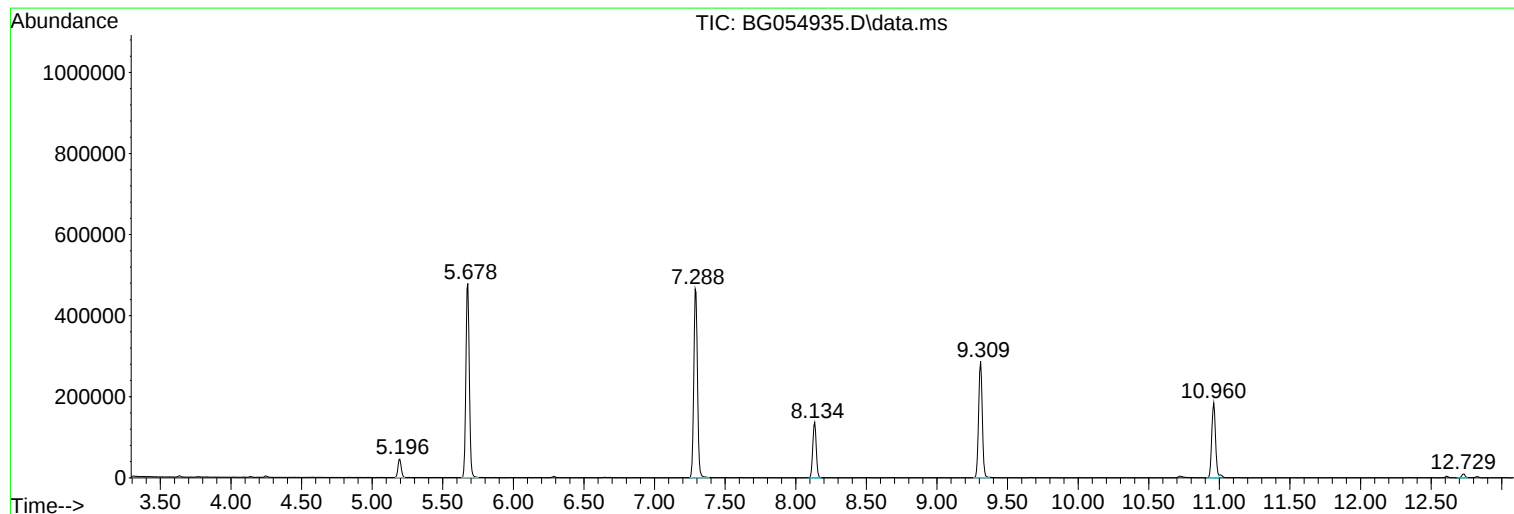
PSC-124035

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

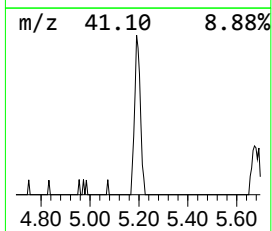
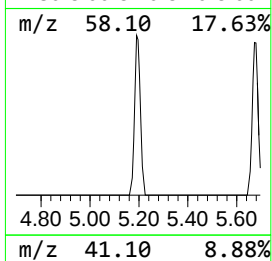
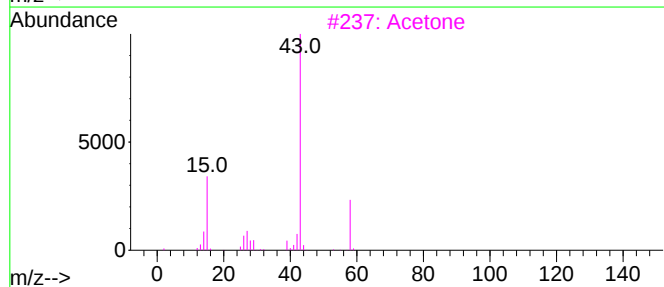
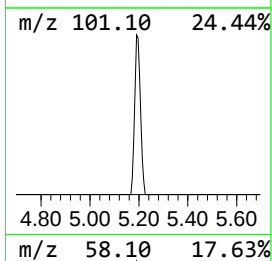
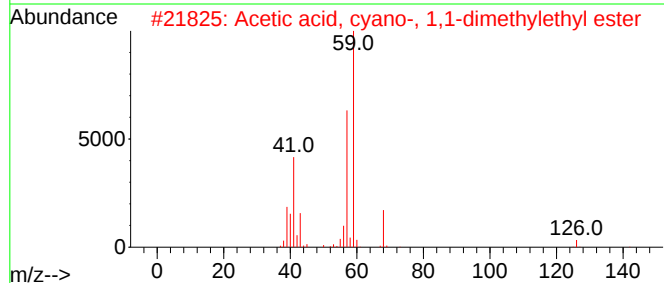
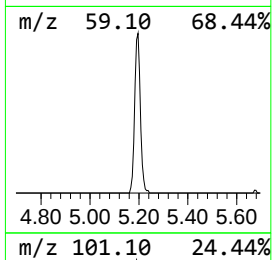
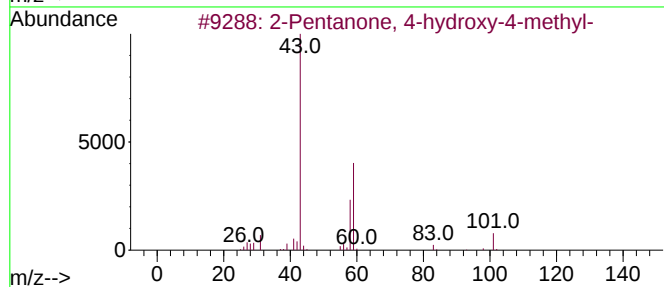
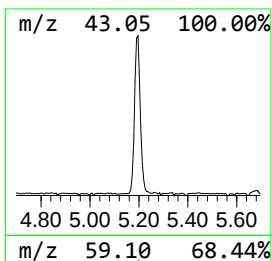
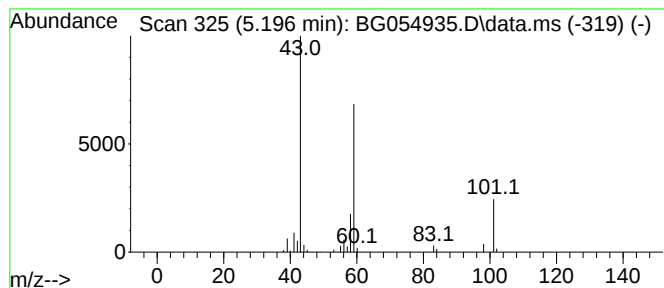
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.196	6.24 ng	73195	1,4-Dichlorobenzene-d4	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	Acetone	58	C3H6O	000067-64-1	10		
4	Guanidine	59	CH5N3	000113-00-8	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

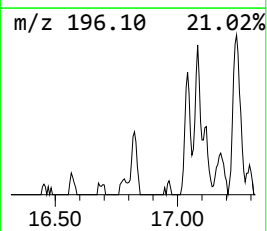
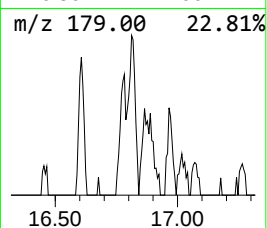
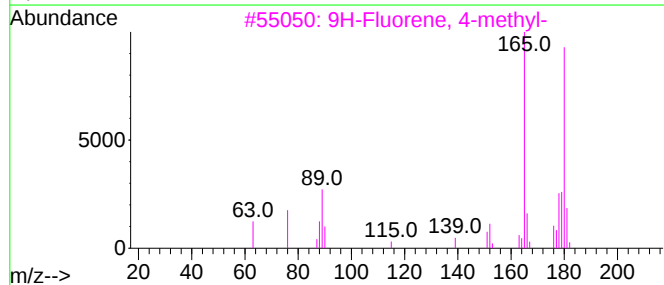
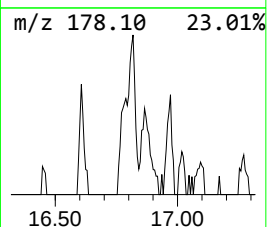
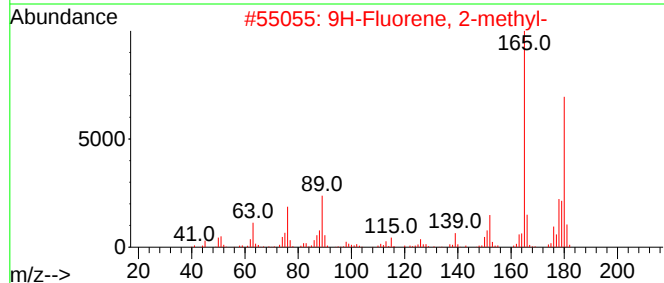
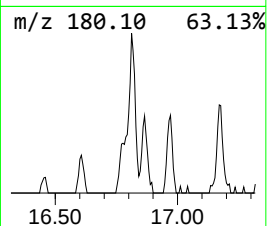
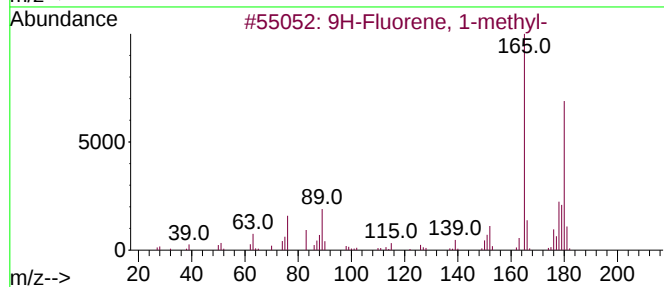
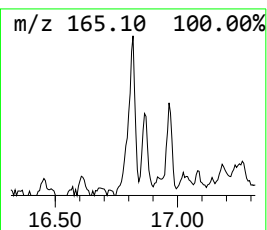
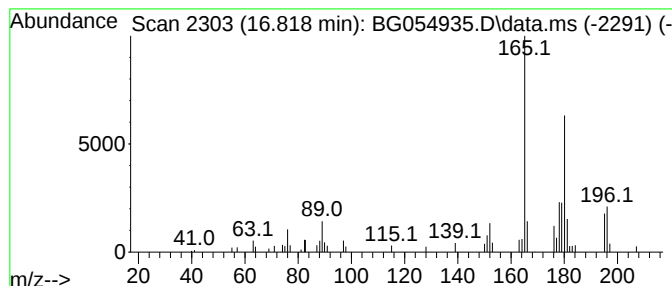
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.818	2.07 ng	66851	Phenanthrene-d10	17.517

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94	
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92	
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

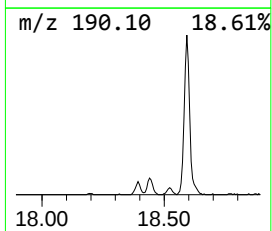
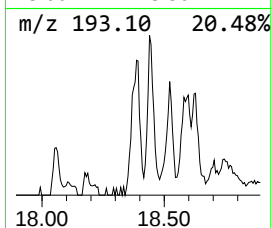
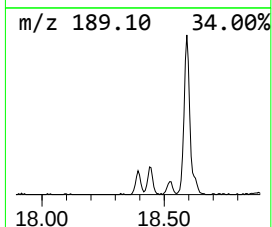
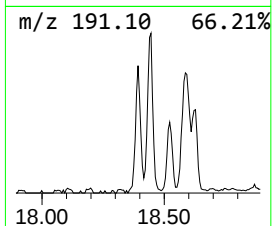
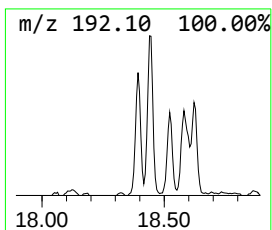
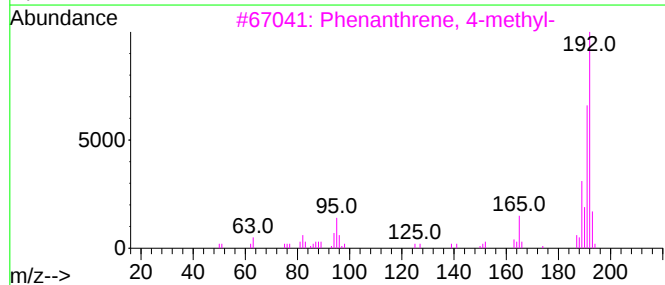
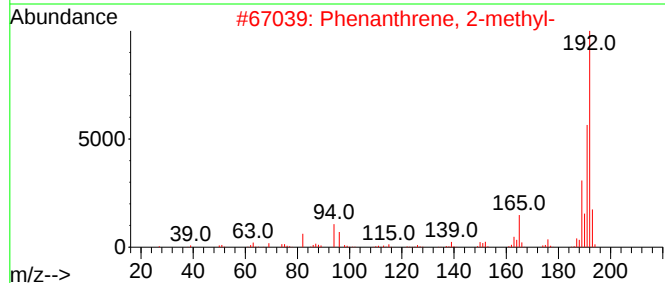
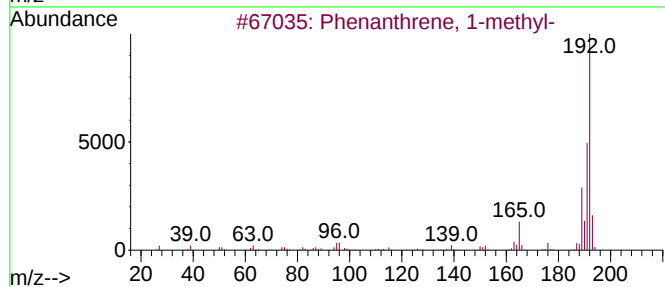
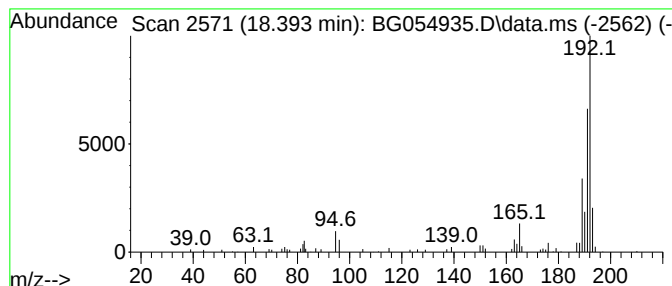
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.393	2.65 ng	85863	Phenanthrene-d10	17.517

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

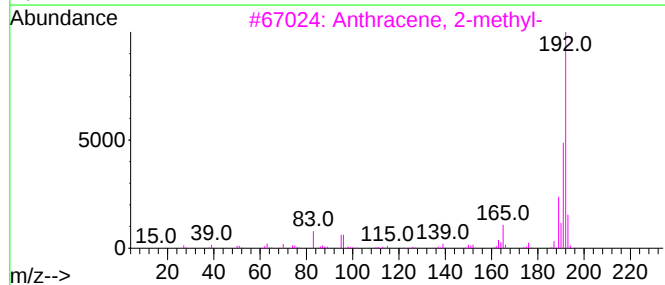
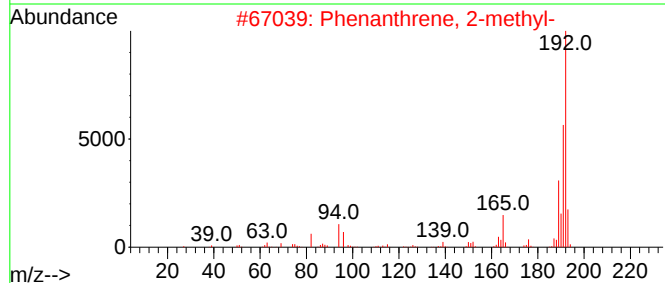
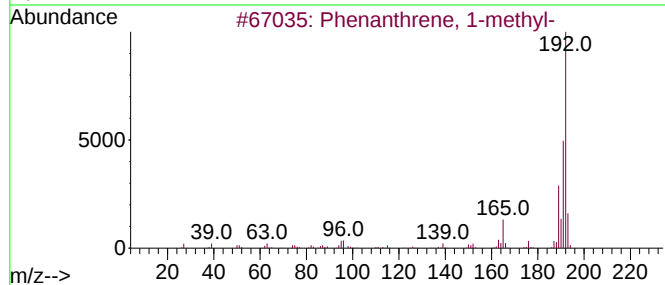
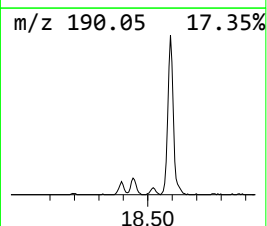
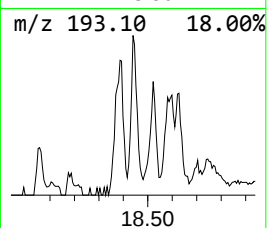
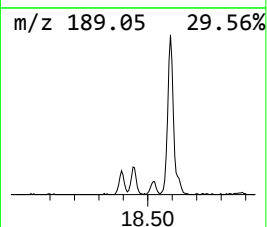
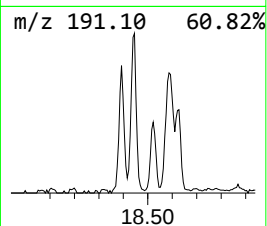
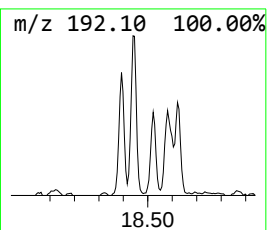
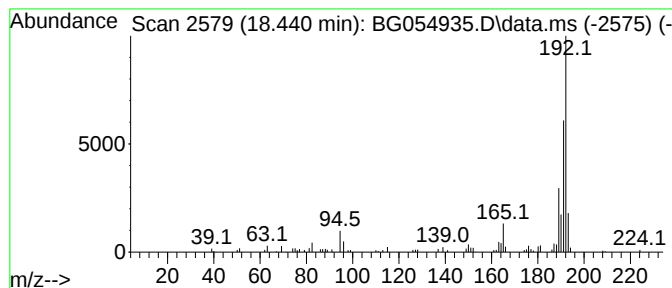
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.440	3.08 ng	99680	Phenanthrene-d10	17.517

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

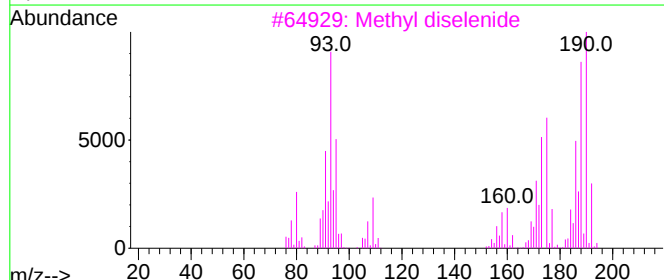
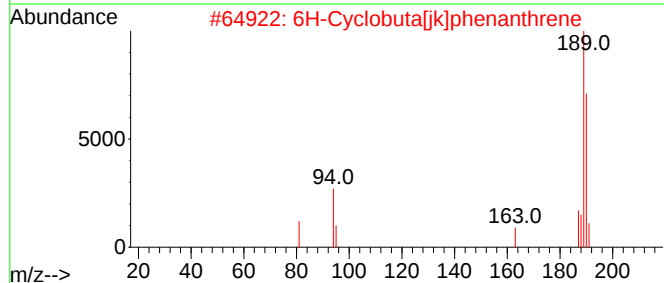
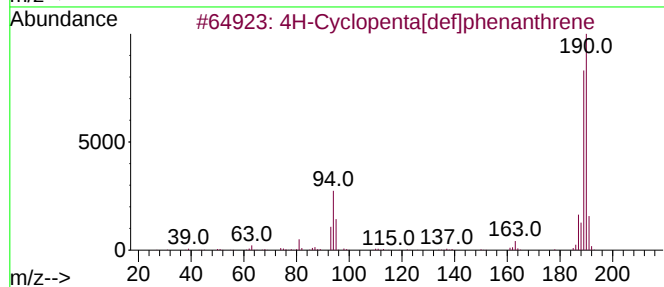
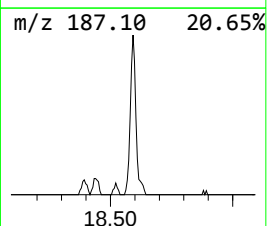
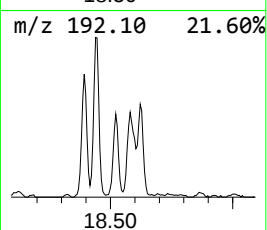
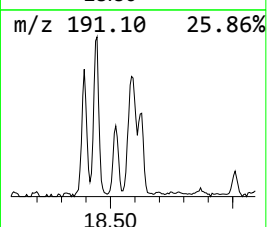
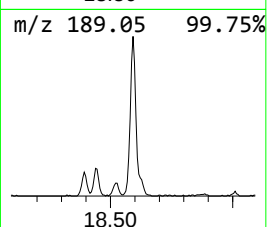
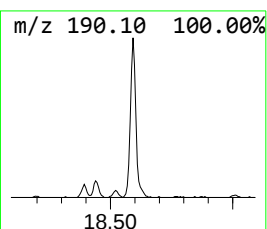
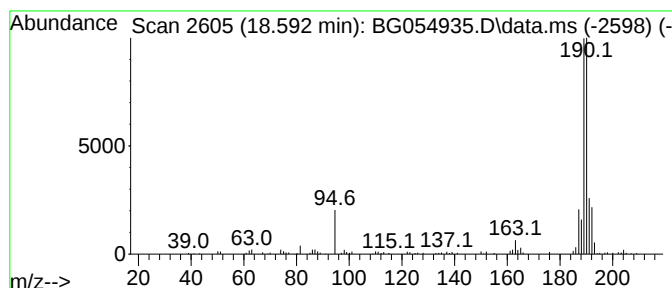
Instrument :
BNA_G
ClientSampleId :
PSC-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.592	7.12 ng	230456	Phenanthrene-d10	17.517	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

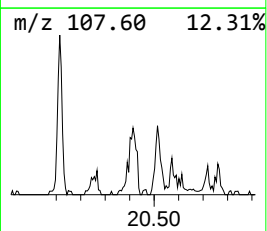
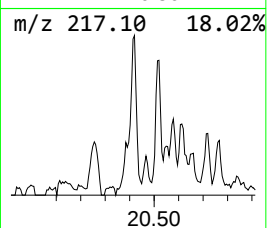
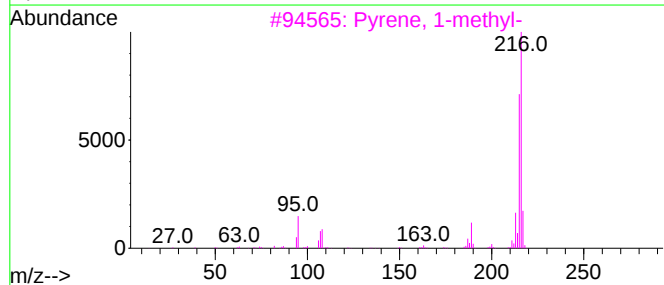
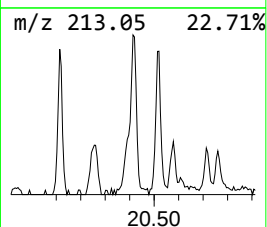
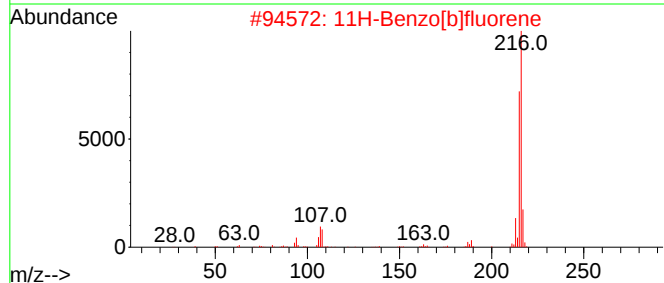
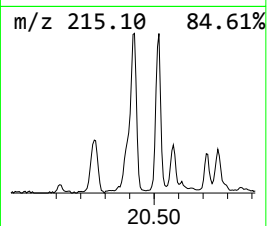
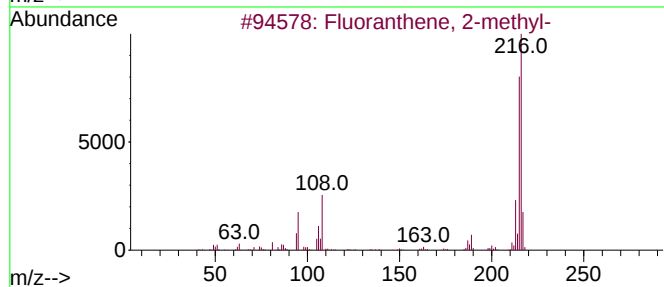
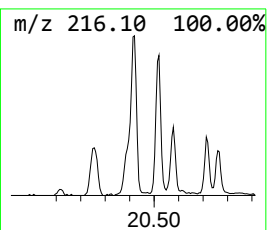
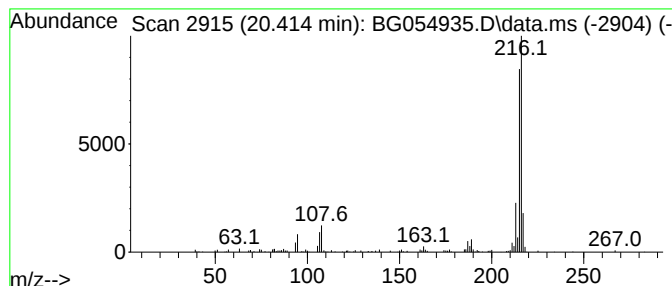
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.414	4.10 ng	192827	Chrysene-d12	21.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

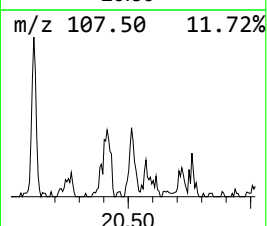
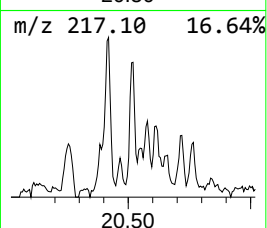
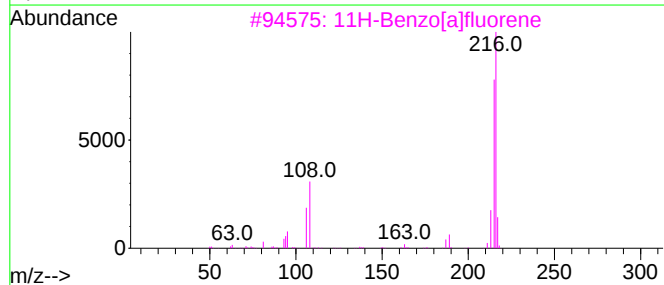
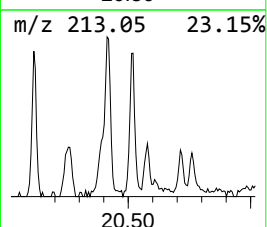
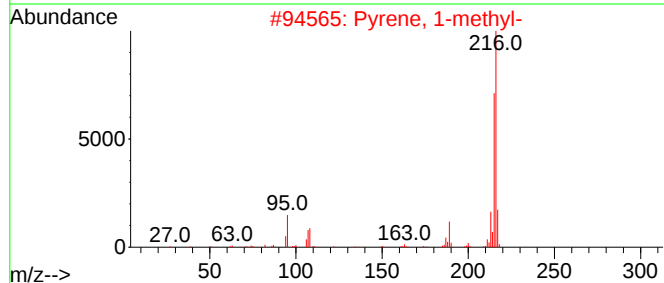
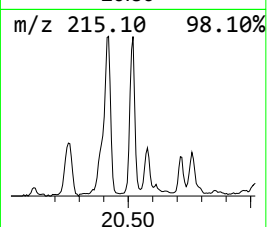
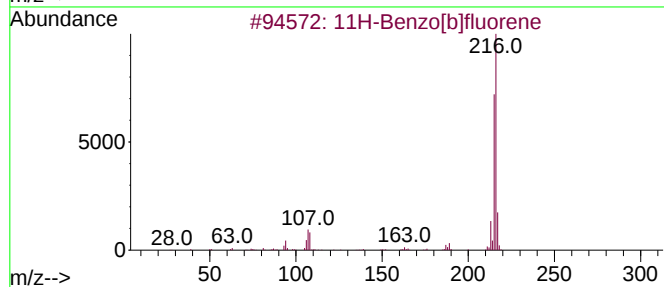
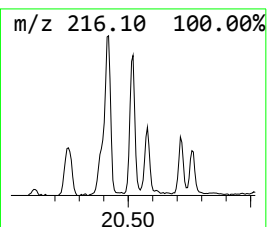
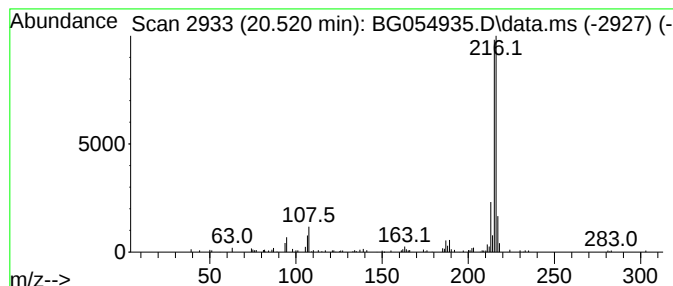
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	2.44 ng	114812	Chrysene-d12	21.812

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	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5		Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

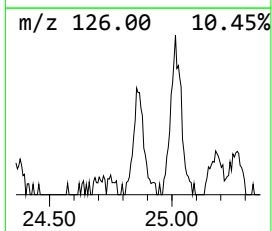
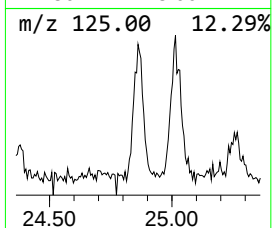
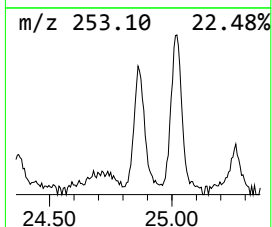
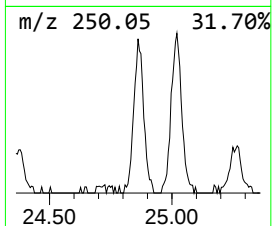
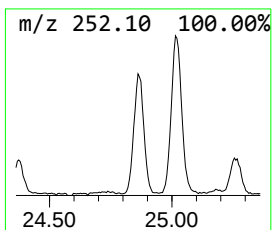
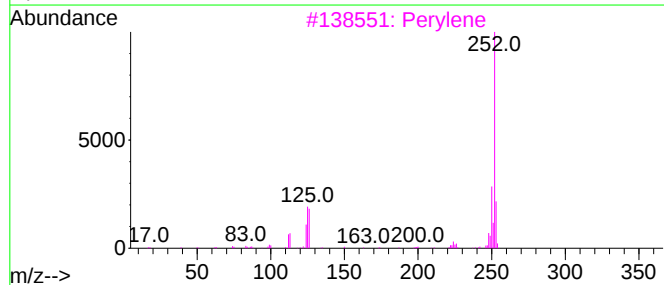
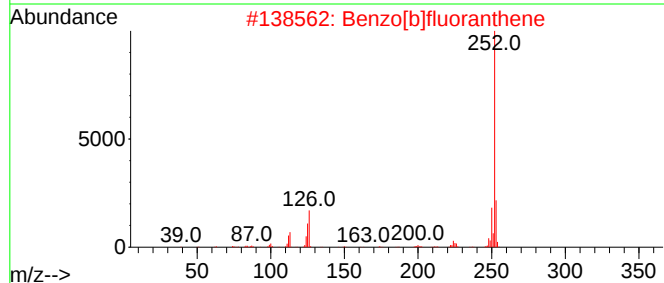
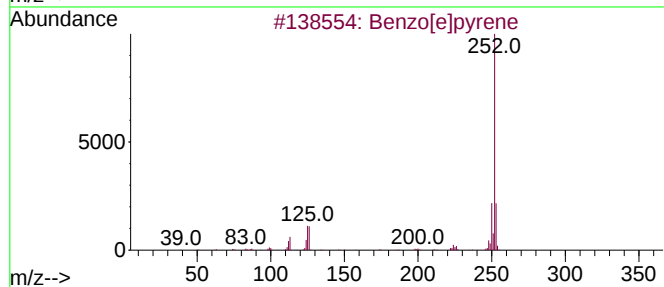
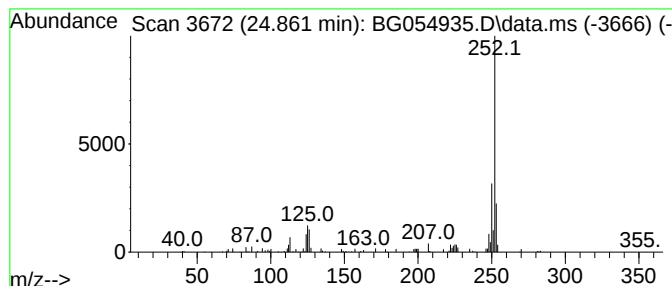
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.861	2.69 ng	100997	Perylene-d12	25.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054935.D
Acq On : 13 Sep 2022 23:56
Operator : CG/JU
Sample : N4572-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.196	6.2	ng	73195	1	8.134	234712	20.0
9H-Fluorene, 1-...	16.818	2.1	ng	66851	4	17.517	647258	20.0
Phenanthrene, 1...	18.393	2.6	ng	85863	4	17.517	647258	20.0
Phenanthrene, 2...	18.440	3.1	ng	99680	4	17.517	647258	20.0
4H-Cyclopenta[d...	18.592	7.1	ng	230456	4	17.517	647258	20.0
Fluoranthene, 2...	20.414	4.1	ng	192827	5	21.812	939963	20.0
11H-Benzo[b]flu...	20.520	2.4	ng	114812	5	21.812	939963	20.0
Benzo[e]pyrene	24.861	2.7	ng	100997	6	25.185	750968	20.0