

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048348.D
 Acq On : 5 Mar 2021 21:48
 Operator : CG/JU
 Sample : M1566-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VEOLIA-72-11977

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-BG021021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.655	387	394	414	rBV	573142	982462	41.54%	5.968%
2	6.730	572	577	583	rBV2	16749	25425	1.08%	0.154%
3	7.282	664	671	685	rBV	610281	1147073	48.50%	6.968%
4	7.494	701	707	713	rVB2	32474	54978	2.32%	0.334%
5	8.064	798	804	813	rBV	132565	235528	9.96%	1.431%
6	9.245	997	1005	1016	rBV	402203	748621	31.66%	4.548%
7	10.884	1277	1284	1297	rBV	179243	336641	14.24%	2.045%
8	13.322	1692	1699	1708	rBV	997538	1617054	68.38%	9.823%
9	14.151	1835	1840	1845	rBV	18251	29592	1.25%	0.180%
10	14.703	1925	1934	1940	rBV	326248	508064	21.48%	3.086%
11	16.201	2173	2189	2201	rBV	828981	1325798	56.06%	8.054%
12	17.106	2335	2343	2350	rVB	19005	33683	1.42%	0.205%
13	17.447	2393	2401	2405	rBV	390579	611159	25.84%	3.713%
14	17.494	2405	2409	2415	rVB	145655	224107	9.48%	1.361%
15	17.582	2420	2424	2429	rVB2	19067	35350	1.49%	0.215%
16	17.870	2467	2473	2479	rVB	40763	64588	2.73%	0.392%
17	18.322	2545	2550	2555	rBV2	27196	47464	2.01%	0.288%
18	18.369	2555	2558	2565	rVB3	34772	59662	2.52%	0.362%
19	18.516	2578	2583	2587	rBV3	33543	64773	2.74%	0.393%
20	18.816	2629	2634	2637	rBV4	30353	48956	2.07%	0.297%
21	18.863	2637	2642	2648	rVB	292339	402425	17.02%	2.445%
22	19.068	2672	2677	2680	rBV3	42241	58829	2.49%	0.357%
23	19.227	2700	2704	2707	rBV4	23851	38563	1.63%	0.234%
24	19.380	2725	2730	2733	rBV2	24932	43911	1.86%	0.267%
25	19.456	2738	2743	2745	rBV2	35092	56356	2.38%	0.342%
26	19.497	2745	2750	2755	rVB	380989	567063	23.98%	3.445%
27	19.650	2771	2776	2779	rBV5	15124	29893	1.26%	0.182%
28	19.691	2779	2783	2787	rVV2	28335	45111	1.91%	0.274%
29	19.821	2801	2805	2807	rBV2	50405	73019	3.09%	0.444%
30	19.856	2807	2811	2819	rVV	268693	400199	16.92%	2.431%
31	19.926	2819	2823	2828	rVB2	27552	42091	1.78%	0.256%
32	20.050	2837	2844	2849	rBV	1816690	2364878	100.00%	14.366%
33	20.103	2849	2853	2858	rVB3	22830	46287	1.96%	0.281%
34	20.191	2861	2868	2873	rVV5	30923	72959	3.09%	0.443%
35	20.349	2884	2895	2900	rVB2	54185	165983	7.02%	1.008%
36	20.443	2907	2911	2914	rBV2	24648	33577	1.42%	0.204%

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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

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37	20.502	2915	2921	2924	rVV3	41290	70073	2.96%	0.426%
38	20.643	2941	2945	2948	rBV	26291	35374	1.50%	0.215%
39	20.778	2963	2968	2971	rBV6	30959	53726	2.27%	0.326%
40	21.113	3020	3025	3031	rVB	80517	121439	5.14%	0.738%
41	21.289	3049	3055	3059	rBV3	48587	104462	4.42%	0.635%
42	21.336	3059	3063	3067	rVV2	57704	89867	3.80%	0.546%
43	21.448	3077	3082	3088	rVB	67448	118567	5.01%	0.720%
44	21.583	3100	3105	3110	rVB	370587	516825	21.85%	3.140%
45	21.718	3120	3128	3133	rBV2	446156	912224	38.57%	5.541%
46	21.765	3133	3136	3144	rVB	163165	251465	10.63%	1.528%
47	22.541	3263	3268	3275	rVB7	48087	109434	4.63%	0.665%
48	22.876	3320	3325	3333	rVB4	73907	136107	5.76%	0.827%
49	23.939	3499	3506	3513	rBV	120850	353262	14.94%	2.146%
50	24.668	3625	3630	3641	rVB2	61423	176465	7.46%	1.072%
51	24.821	3650	3656	3665	rVB2	58482	164661	6.96%	1.000%
52	24.979	3675	3683	3694	rVB2	224171	605811	25.62%	3.680%

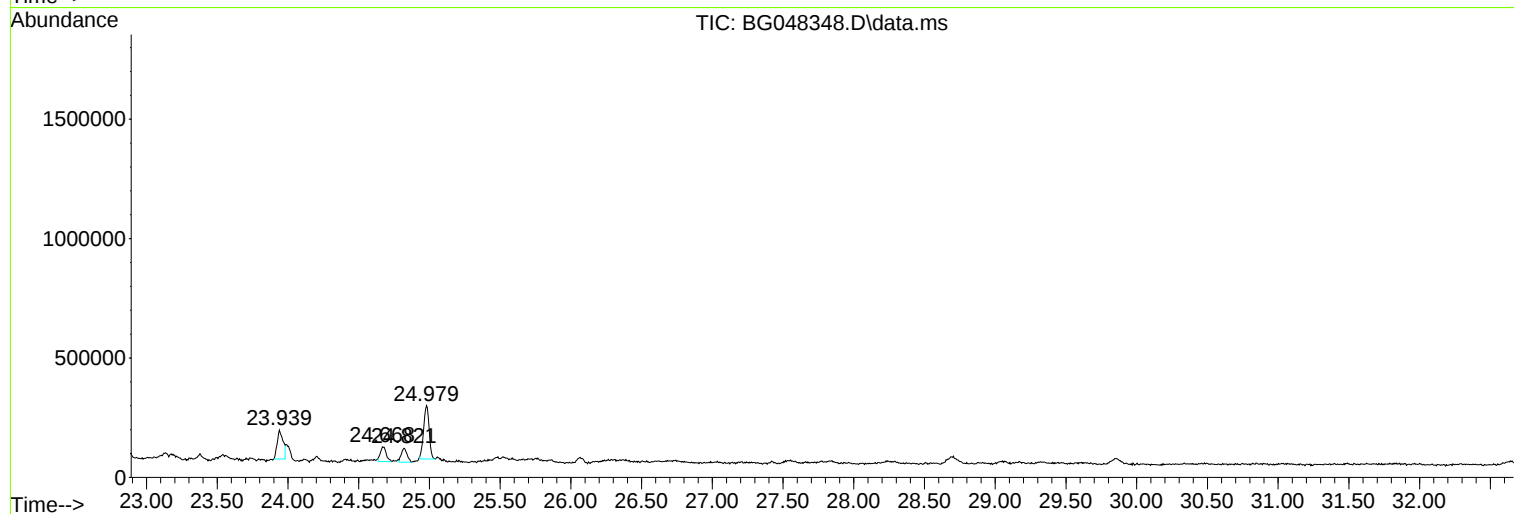
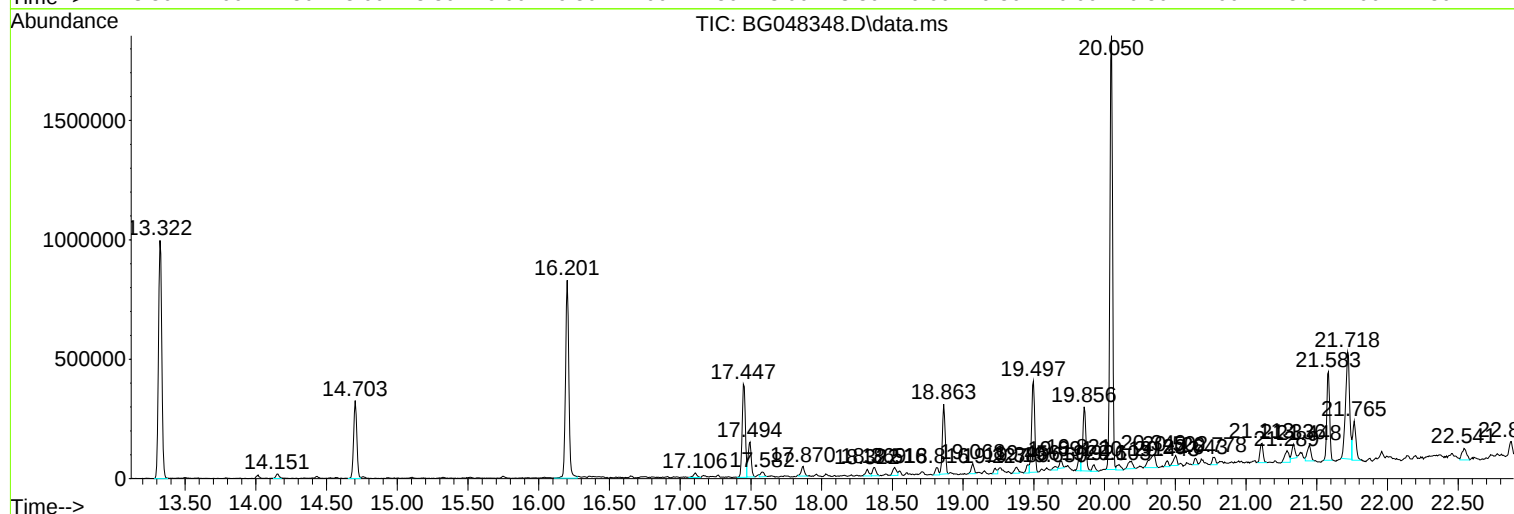
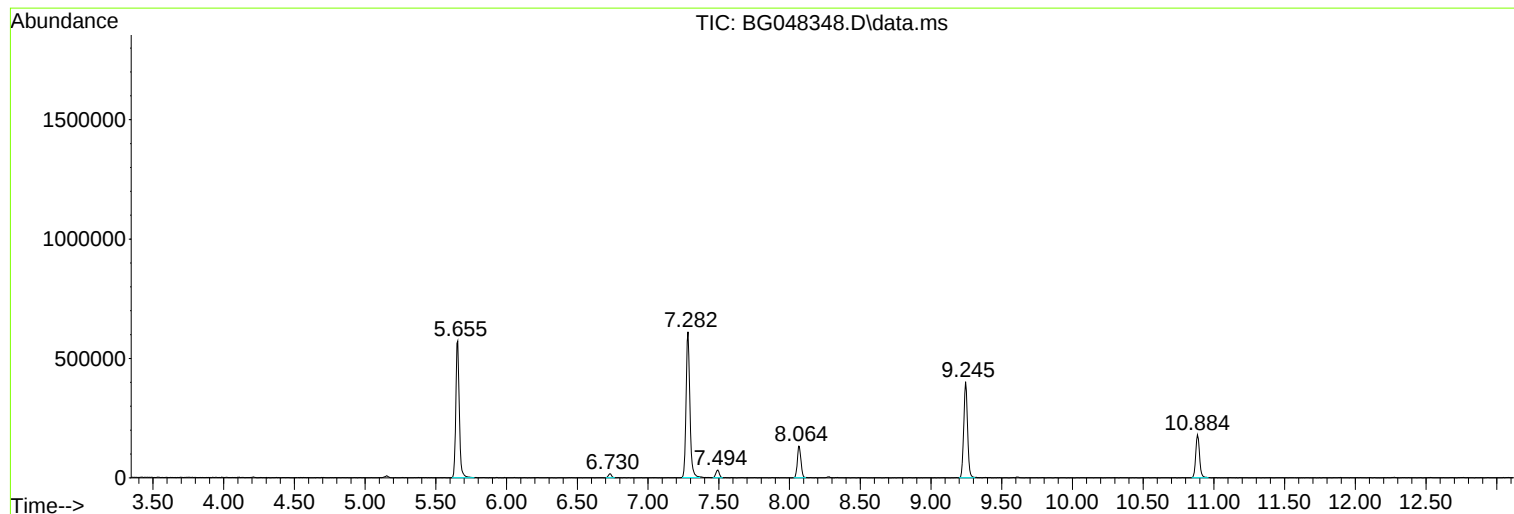
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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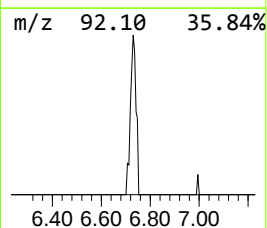
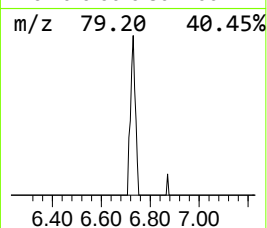
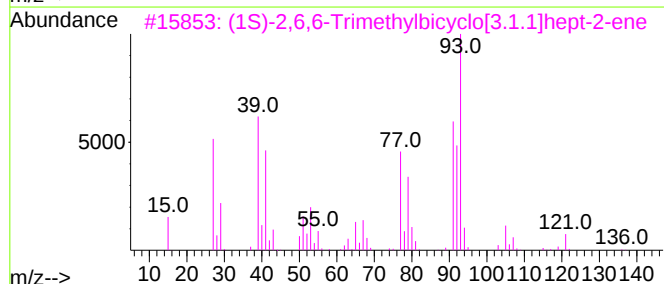
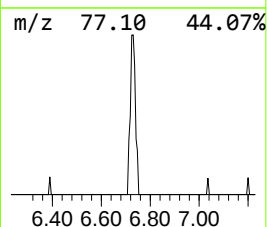
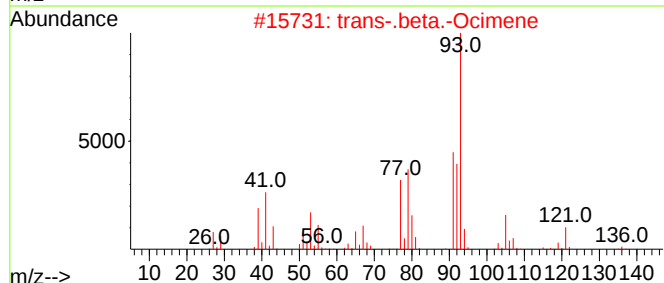
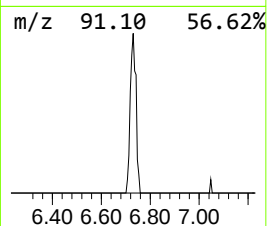
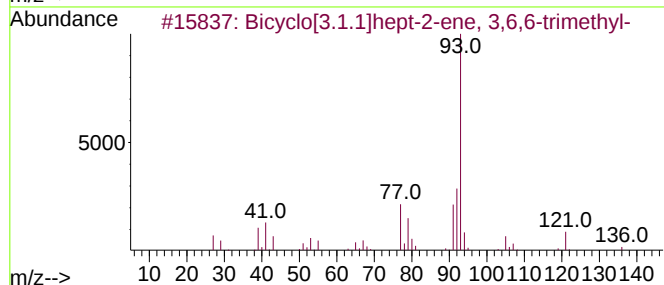
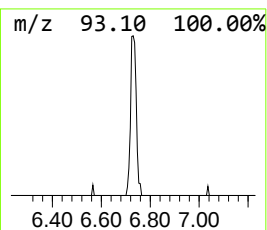
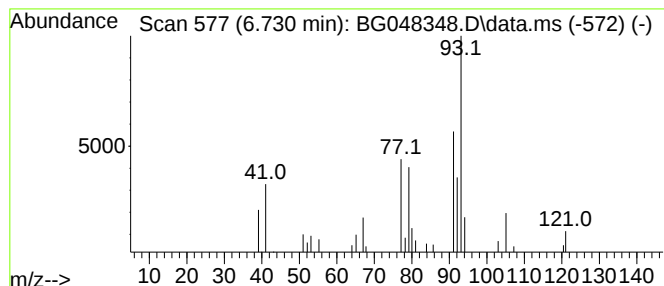
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.730	2.16 ng	25425	1,4-Dichlorobenzene-d4	8.064

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	64
2			trans-.beta.-Ocimene	136	C10H16	003779-61-1	56
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	50
4			3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	42
5			1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	38



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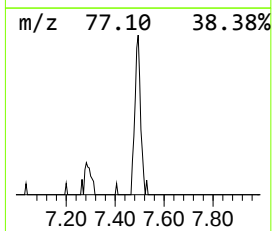
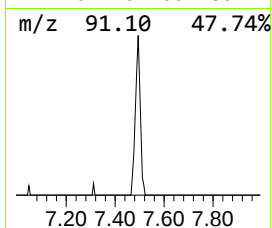
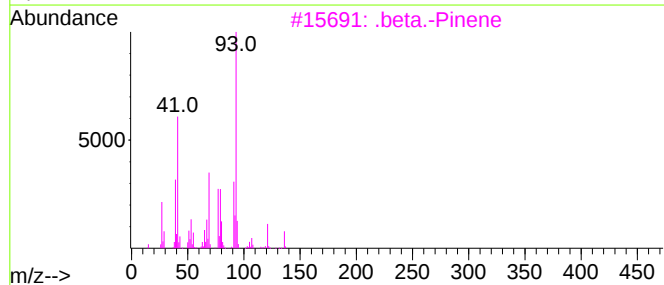
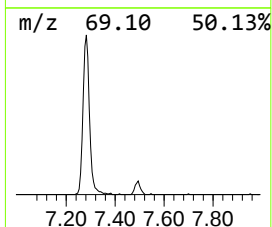
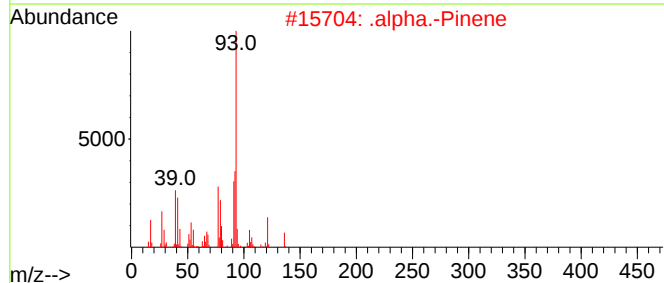
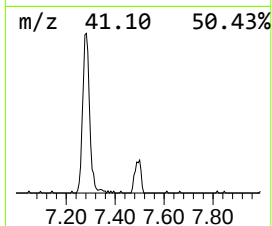
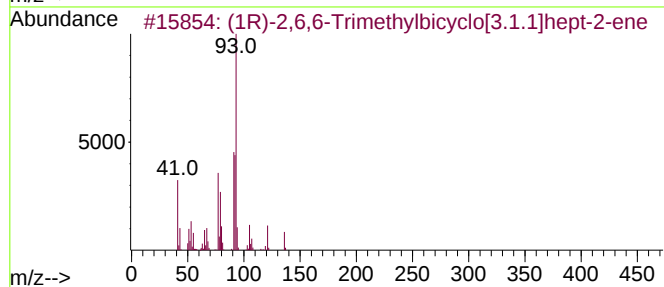
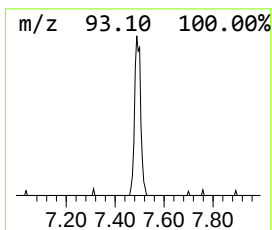
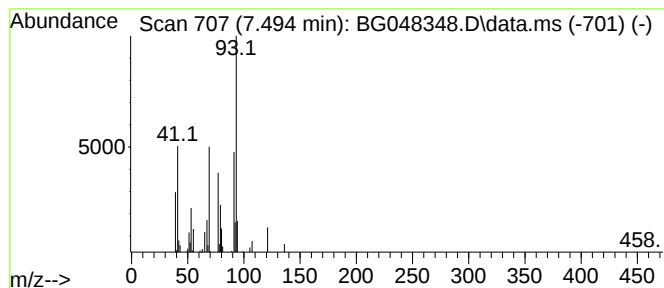
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	4.67 ng	54978	1,4-Dichlorobenzene-d4	8.064

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	87		
2	.alpha.-Pinene	136	C10H16	000080-56-8	86		
3	.beta.-Pinene	136	C10H16	000127-91-3	80		
4	.gamma.-Terpinene	136	C10H16	000099-85-4	80		
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	74		



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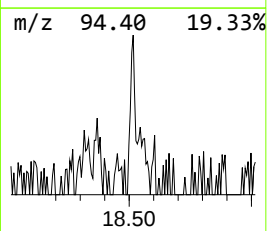
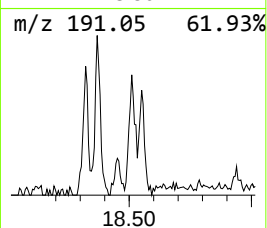
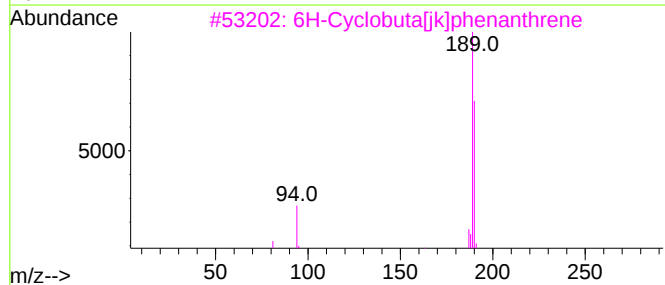
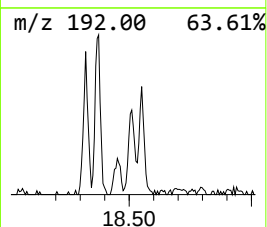
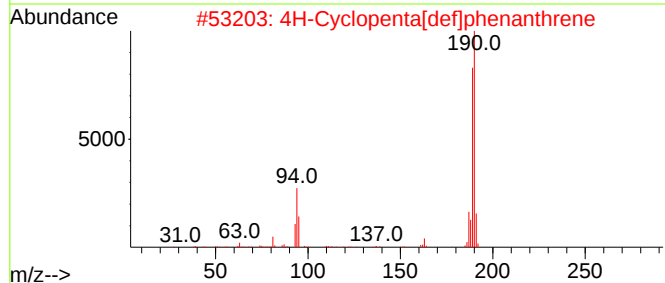
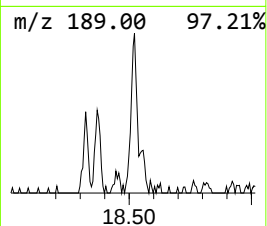
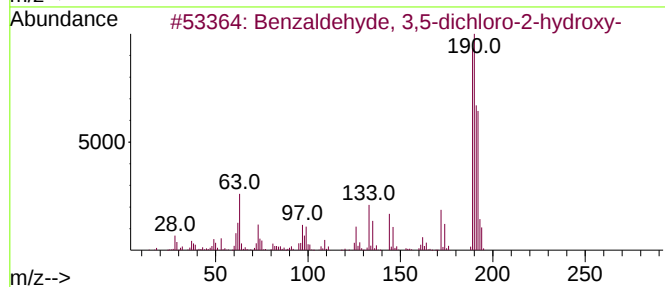
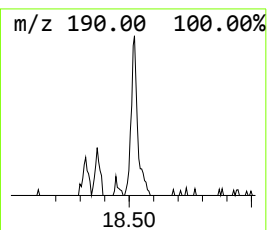
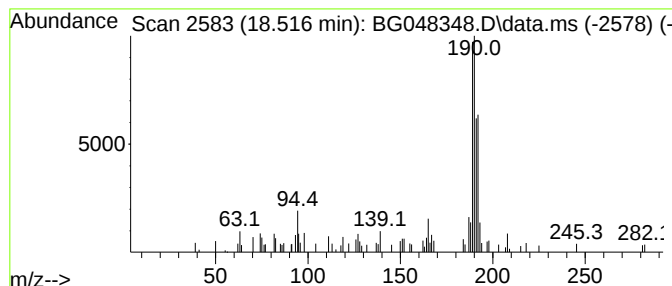
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.12 ng	64773	Phenanthrene-d10	17.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4			Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	43
5			1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	30



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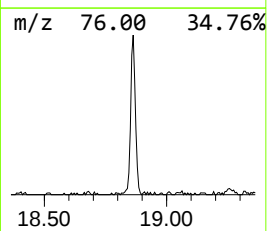
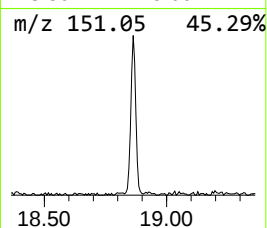
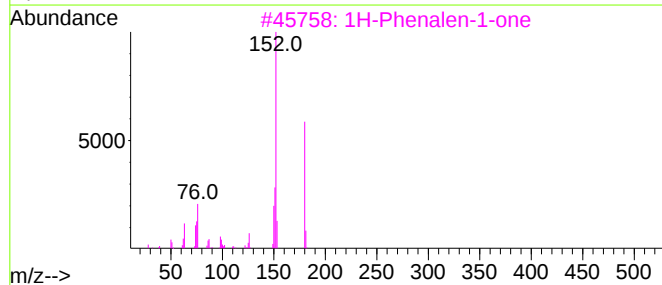
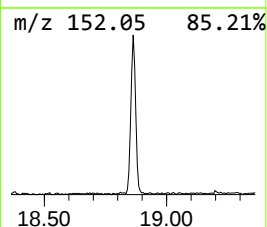
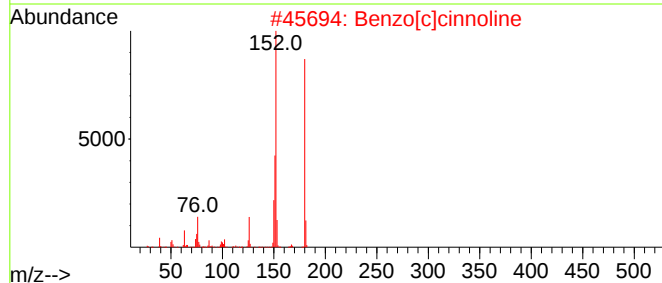
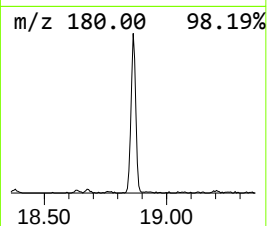
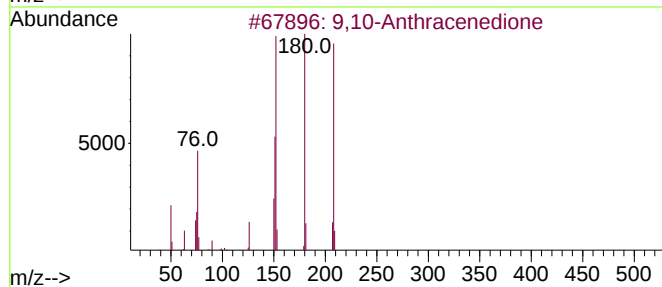
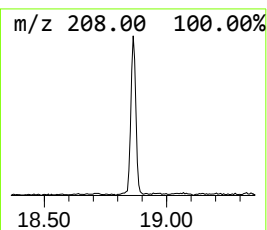
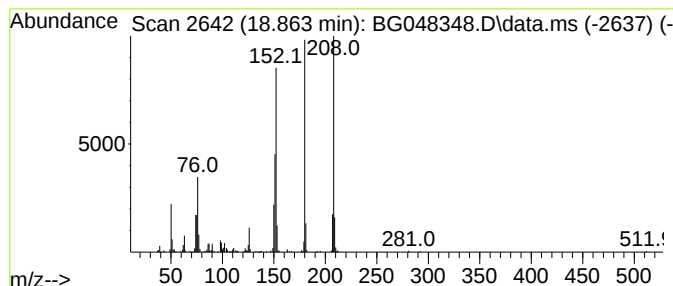
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Peak Number 4 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	13.17 ng	402425	Phenanthrene-d10	17.447

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



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VEOLIA-72-11977

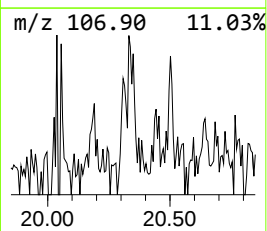
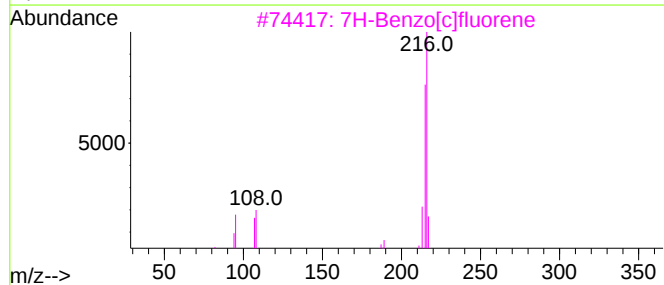
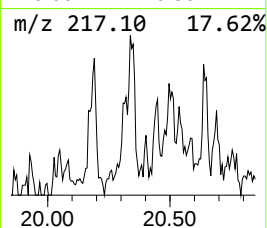
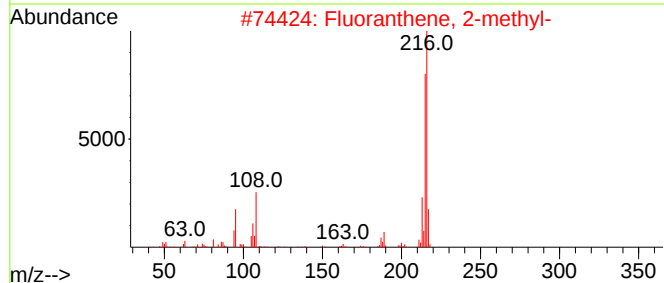
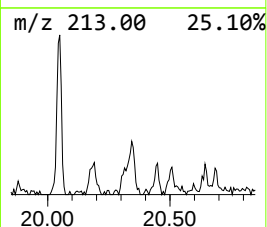
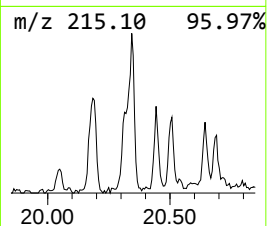
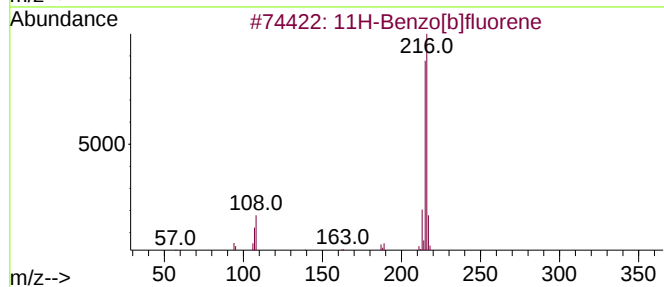
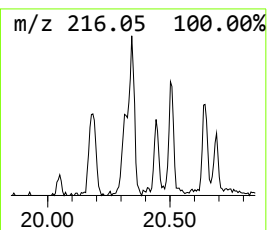
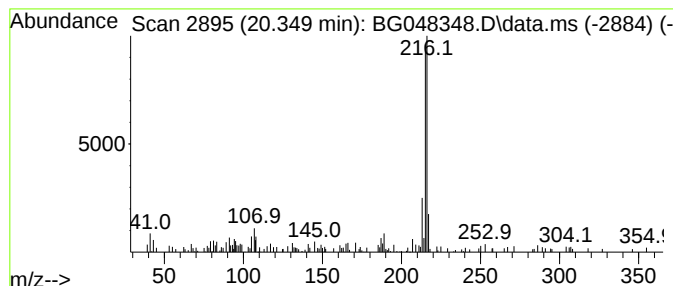
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.349	3.64 ng	165983	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VEOLIA-72-11977

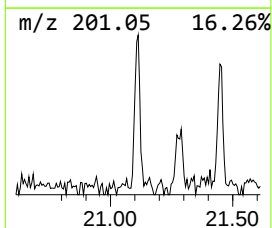
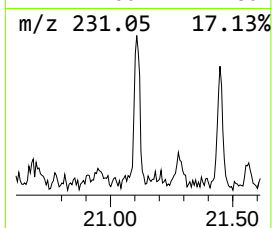
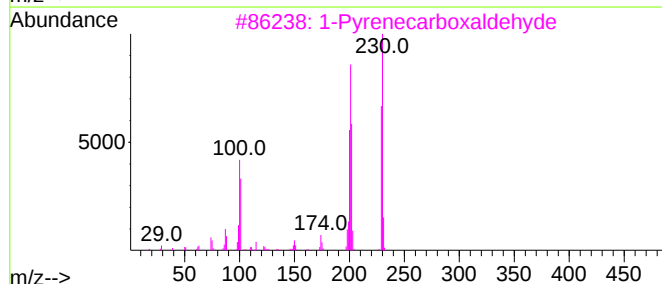
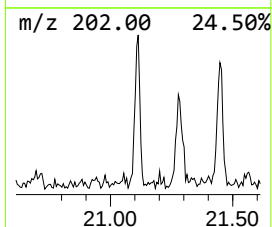
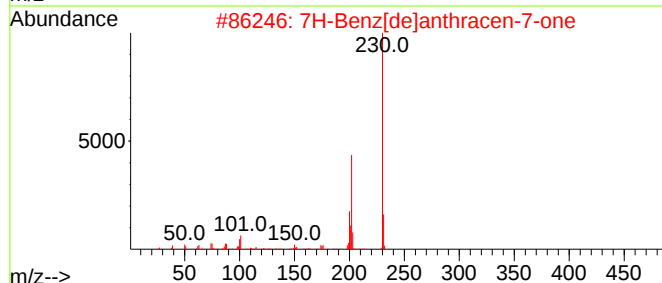
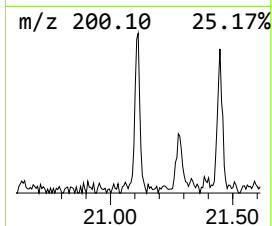
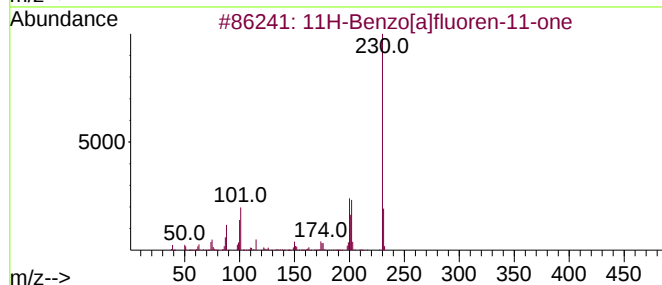
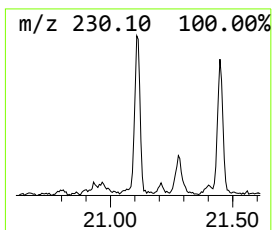
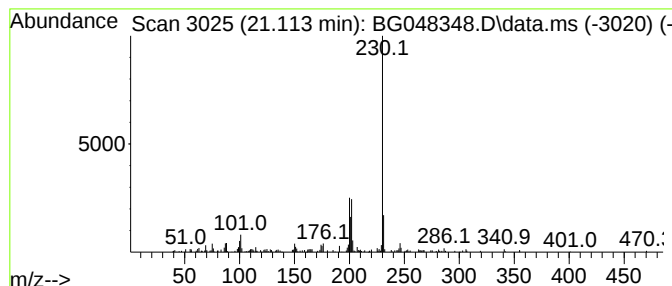
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.113	2.66 ng	121439	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	74
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5			2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VEOLIA-72-11977

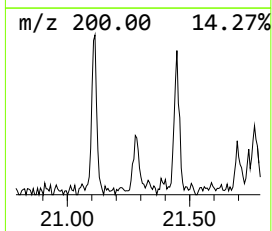
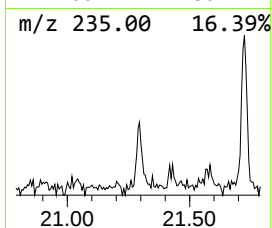
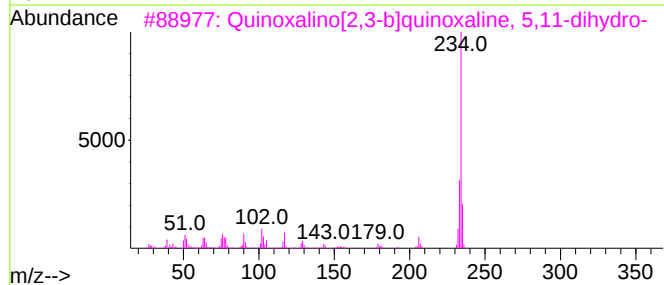
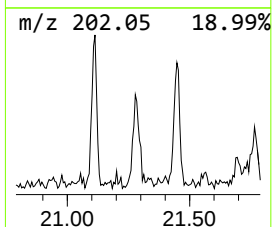
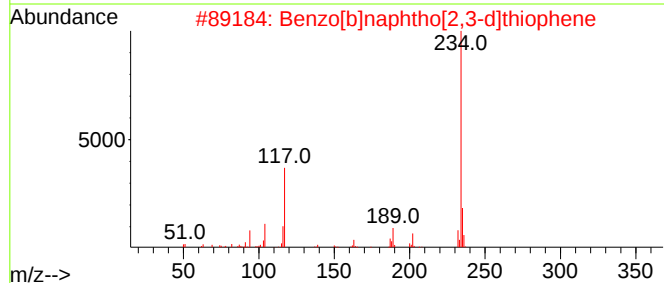
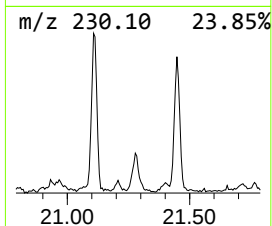
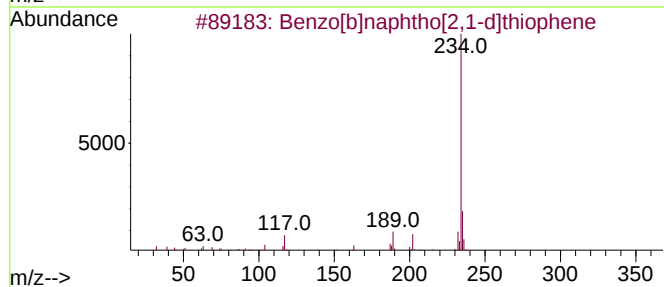
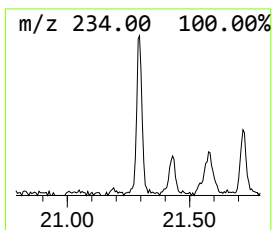
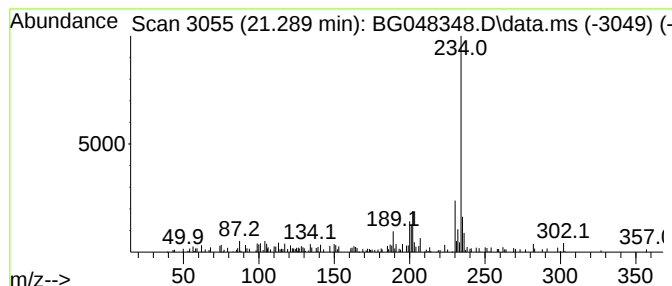
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.289	2.29 ng	104462	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	52
4			2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	47
5			5H-Pyrano[2,3-d]pyrimidine-6-car...	345	C15H12ClN5OS	1000319-92-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VEOLIA-72-11977

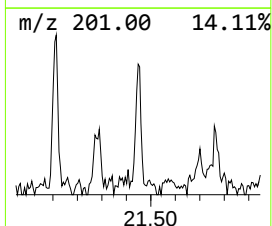
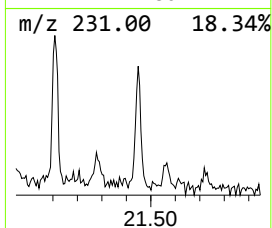
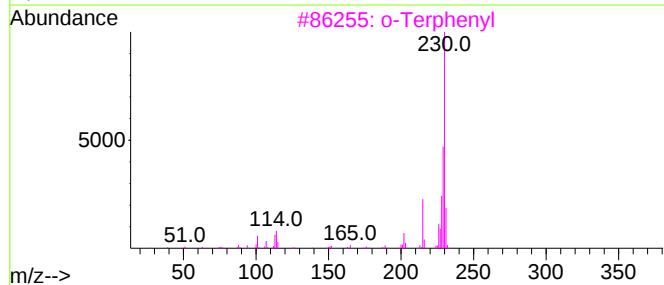
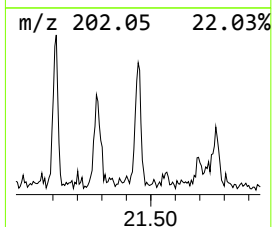
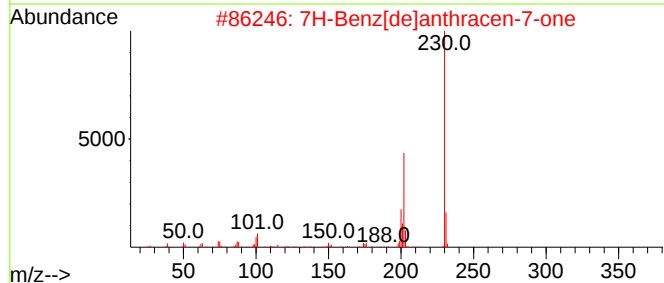
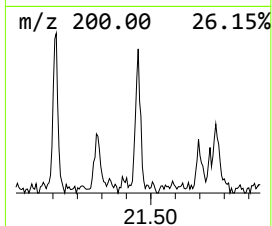
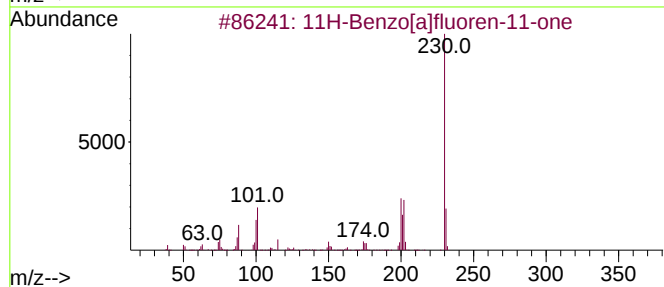
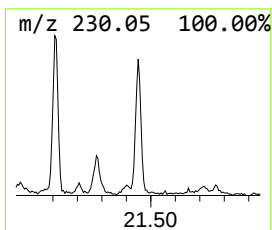
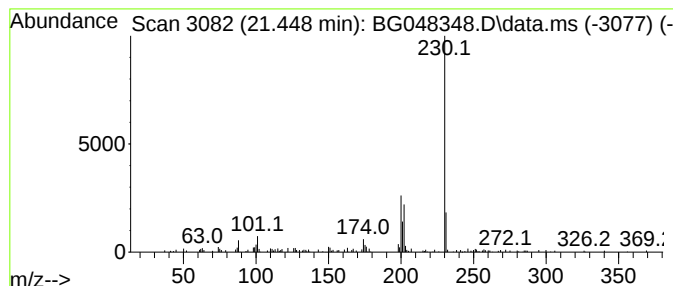
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.448	2.60 ng	118567	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3			o-Terphenyl	230	C18H14	000084-15-1	50
4			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	50
5			m-Terphenyl	230	C18H14	000092-06-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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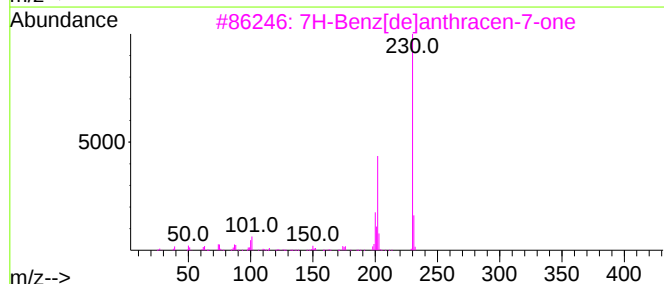
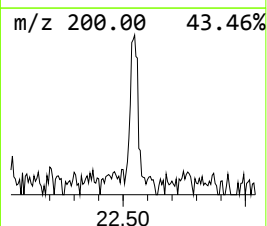
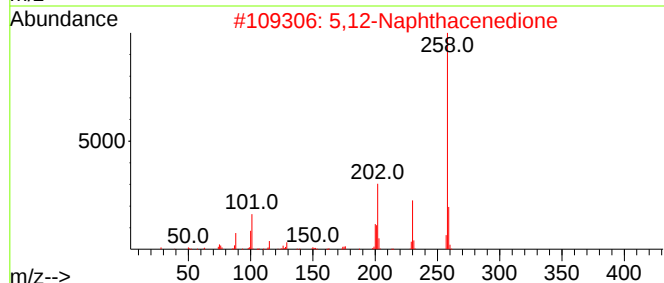
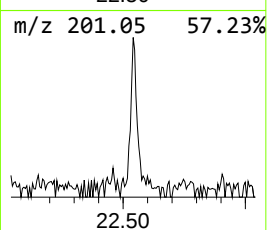
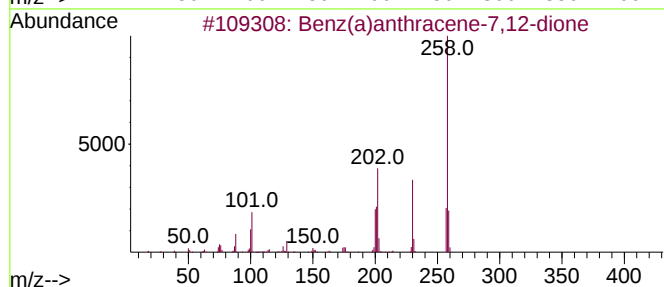
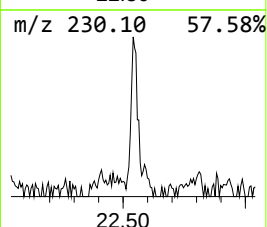
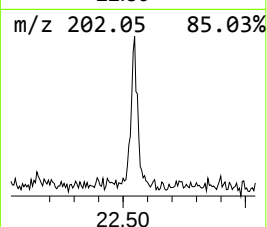
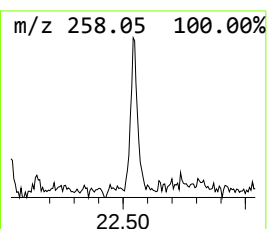
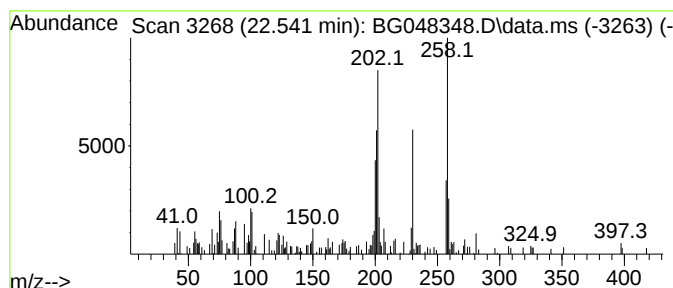
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benz(a)anthracene-7,12-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.541	2.40 ng	109434	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
4			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	41
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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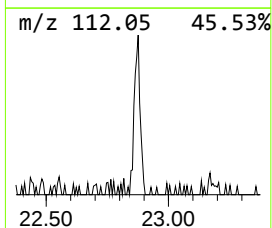
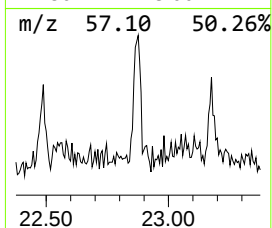
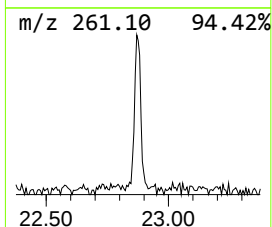
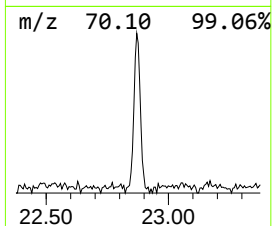
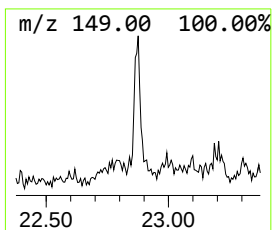
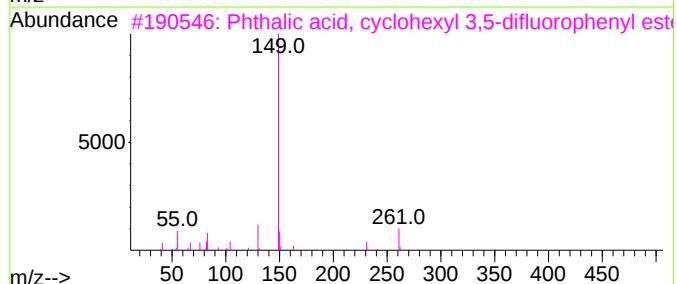
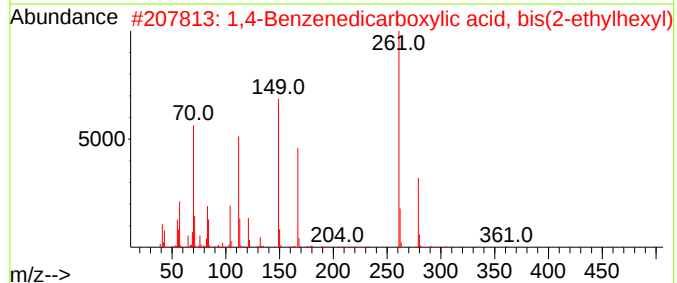
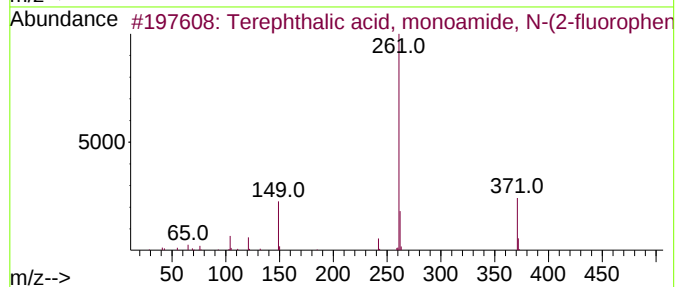
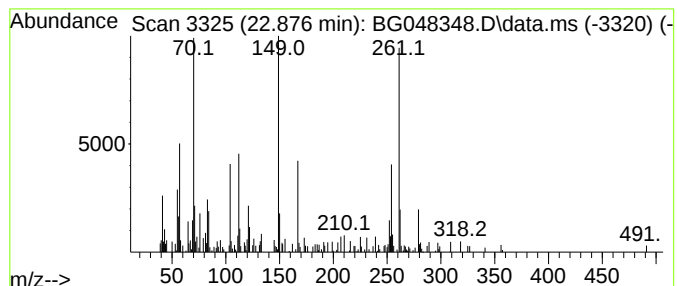
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown22.876 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.876	2.98 ng	136107	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terephthalic acid, monoamide, N-...	371	C22H26FN03	1000324-02-6	35
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H3804	006422-86-2	35
3			Phthalic acid, cyclohexyl 3,5-di...	360	C20H18F204	1000315-61-1	27
4			Terephthalic acid, hept-3-yl oct...	376	C23H3604	1000356-64-3	27
5			Isophthalic acid, octyl 2,4,6-tr...	456	C22H23Cl304	1000344-57-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
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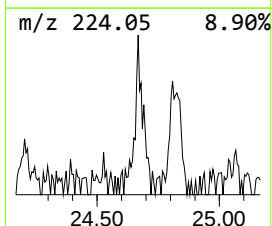
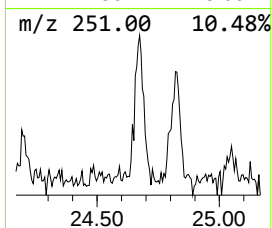
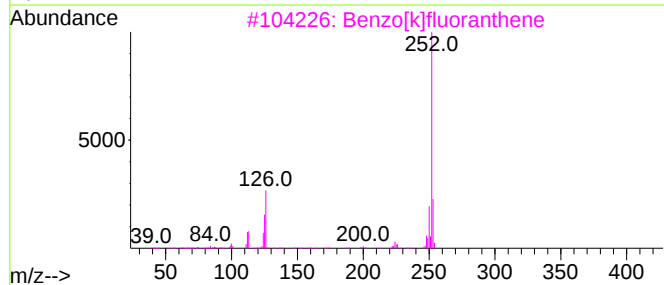
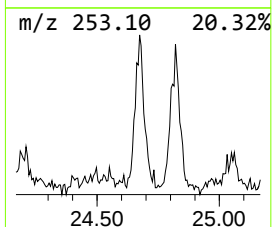
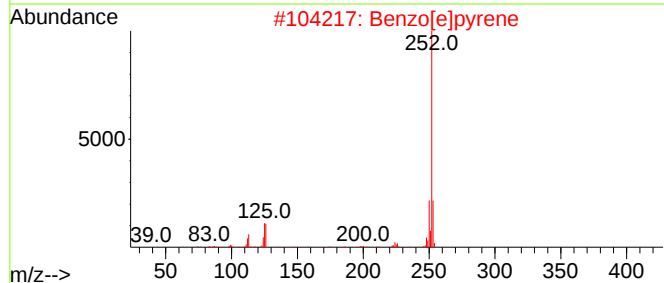
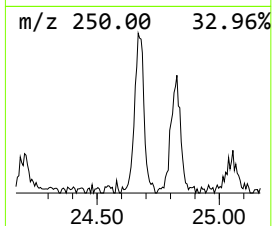
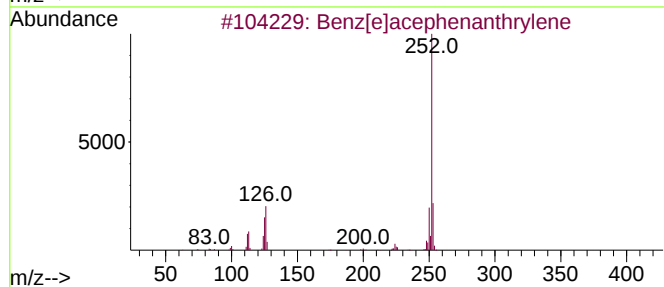
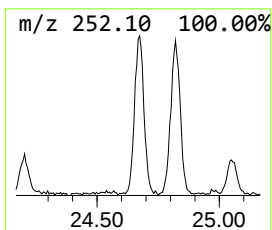
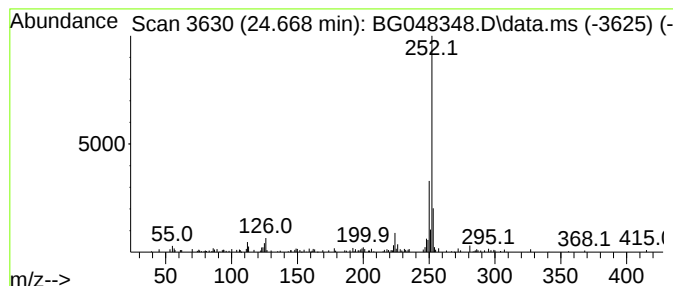
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.668	5.83 ng	176465	Perylene-d12	24.985

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
2			Benzo[e]pyrene	252	C20H12	000192-97-2	81
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4			Perylene	252	C20H12	000198-55-0	68
5			Benzo[a]pyrene	252	C20H12	000050-32-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VEOLIA-72-11977

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[3.1.1]h...	6.730	2.2	ng	25425	1	8.064	235528	20.0
(1R)-2,6,6-Trim...	7.494	4.7	ng	54978	1	8.064	235528	20.0
Benzaldehyde, 3...	18.516	2.1	ng	64773	4	17.447	611159	20.0
9,10-Anthracene...	18.863	13.2	ng	402425	4	17.447	611159	20.0
11H-Benzo[b]flu...	20.349	3.6	ng	165983	5	21.718	912224	20.0
11H-Benzo[a]flu...	21.113	2.7	ng	121439	5	21.718	912224	20.0
Benzo[b]naphtho...	21.289	2.3	ng	104462	5	21.718	912224	20.0
7H-Benz[de]anth...	21.448	2.6	ng	118567	5	21.718	912224	20.0
Benz(a)anthrace...	22.541	2.4	ng	109434	5	21.718	912224	20.0
unknown22.876	22.876	3.0	ng	136107	5	21.718	912224	20.0
Benzo[e]pyrene	24.668	5.8	ng	176465	6	24.985	605811	20.0