

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054917.D
 Acq On : 12 Sep 2022 22:25
 Operator : CG/JU
 Sample : N4561-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11976

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: BG054917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.198	319	325	333	rVB	55538	88645	4.44%	0.663%
2	5.680	400	407	421	rBV	496493	829878	41.60%	6.211%
3	7.295	674	682	698	rBV	493031	887707	44.50%	6.644%
4	8.141	819	826	833	rBV	127734	216301	10.84%	1.619%
5	9.316	1017	1026	1036	rBV	309833	555614	27.85%	4.158%
6	10.967	1299	1307	1314	rBV	182026	329978	16.54%	2.470%
7	13.400	1713	1721	1740	rVB	954963	1479619	74.17%	11.073%
8	14.775	1947	1955	1962	rBV	321956	505366	25.33%	3.782%
9	15.821	2128	2133	2141	rBV	12316	20429	1.02%	0.153%
10	16.267	2202	2209	2218	rBV	666544	1096227	54.95%	8.204%
11	17.254	2372	2377	2383	rBV6	10048	20503	1.03%	0.153%
12	17.525	2417	2423	2427	rBV	391692	611127	30.64%	4.574%
13	17.566	2427	2430	2436	rVB	102603	154112	7.73%	1.153%
14	17.660	2441	2446	2450	rBV	37419	53941	2.70%	0.404%
15	17.930	2487	2492	2500	rBV2	20037	53385	2.68%	0.400%
16	18.447	2577	2580	2586	rVB2	28816	54388	2.73%	0.407%
17	18.600	2601	2606	2610	rBV2	40424	66608	3.34%	0.498%
18	18.888	2653	2655	2660	rVB	21759	27227	1.36%	0.204%
19	18.941	2661	2664	2668	rVB	22494	29596	1.48%	0.221%
20	19.305	2722	2726	2730	rBV2	31712	58065	2.91%	0.435%
21	19.452	2747	2751	2759	rVB2	48231	89224	4.47%	0.668%
22	19.575	2766	2772	2777	rBV	444894	639656	32.07%	4.787%
23	19.904	2824	2828	2829	rBV2	67010	87541	4.39%	0.655%
24	19.939	2829	2834	2841	rVB	436314	653467	32.76%	4.891%
25	20.004	2842	2845	2851	rVB2	41661	63626	3.19%	0.476%
26	20.121	2860	2865	2872	rBV	1483669	1994784	100.00%	14.929%
27	21.197	3045	3048	3056	rVB	91354	156821	7.86%	1.174%
28	21.819	3146	3154	3159	rBV2	407246	1053804	52.83%	7.887%
29	21.866	3159	3162	3170	rVB	218880	373522	18.72%	2.795%
30	24.117	3539	3545	3553	rBV2	160301	509842	25.56%	3.816%
31	25.198	3722	3729	3738	rVB2	215133	600843	30.12%	4.497%

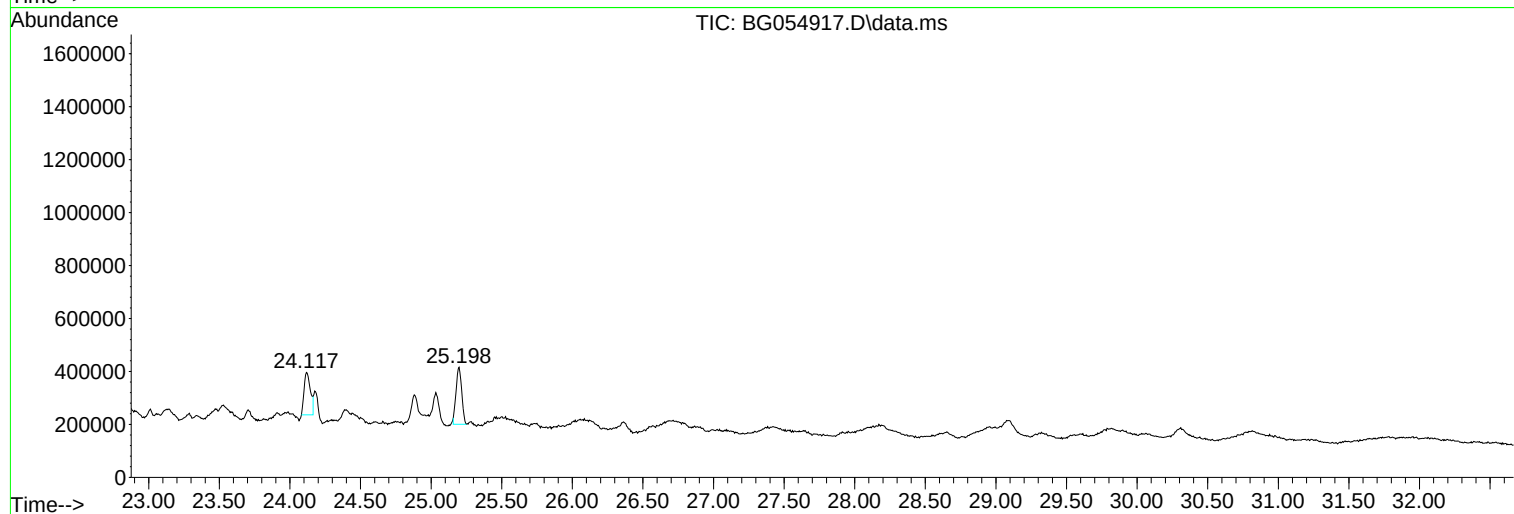
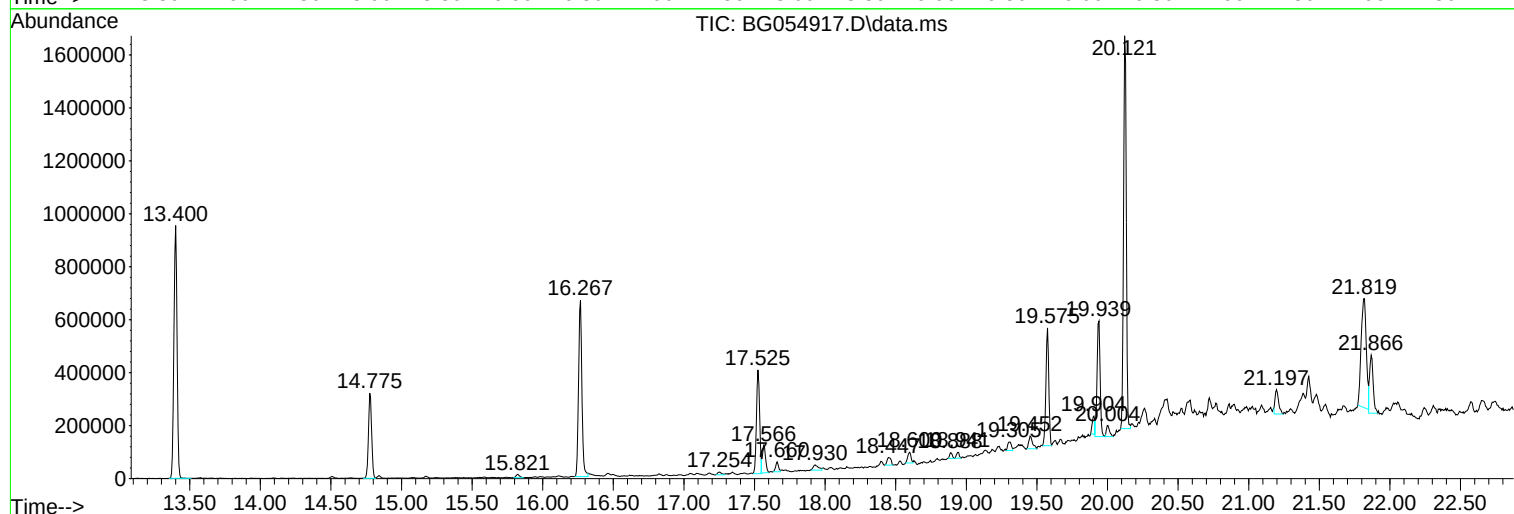
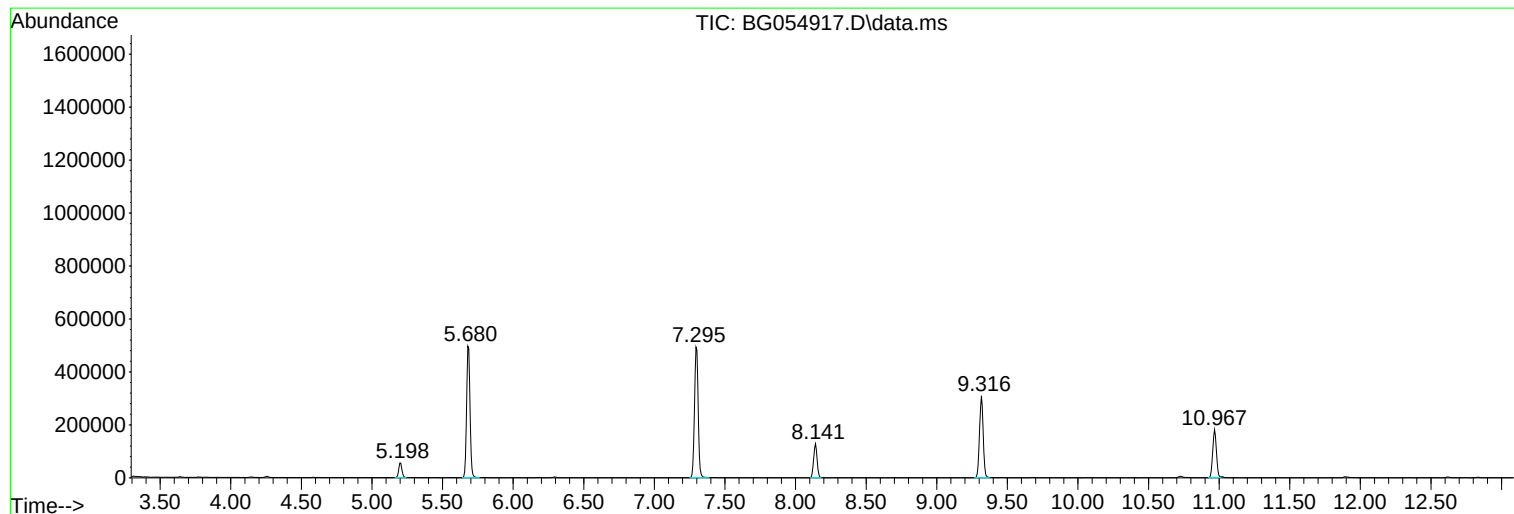
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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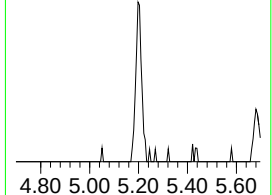
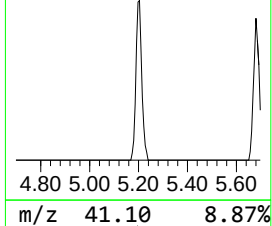
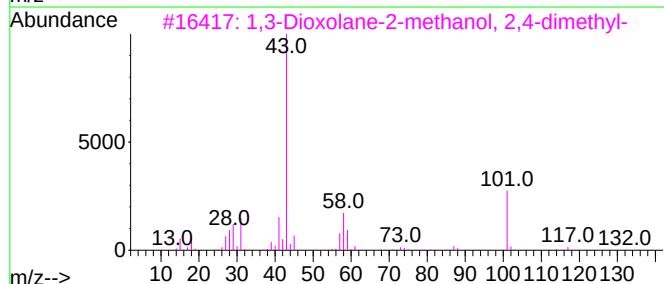
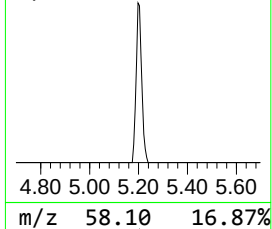
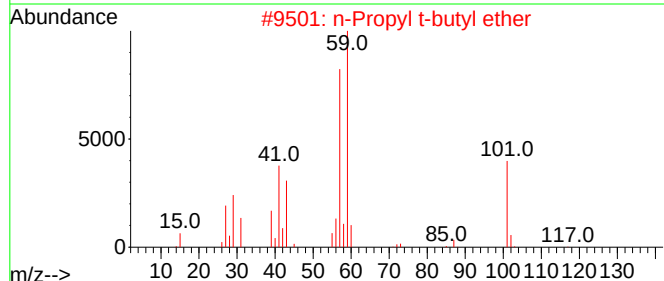
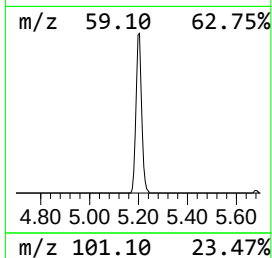
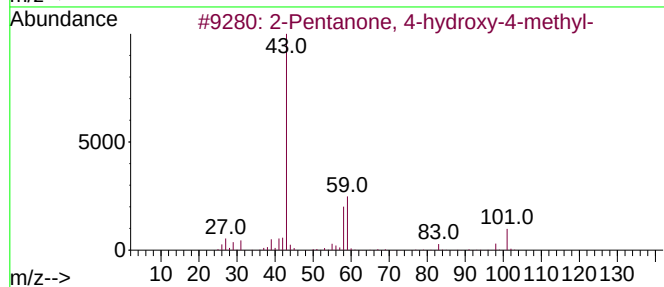
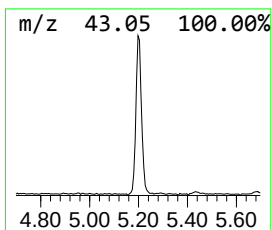
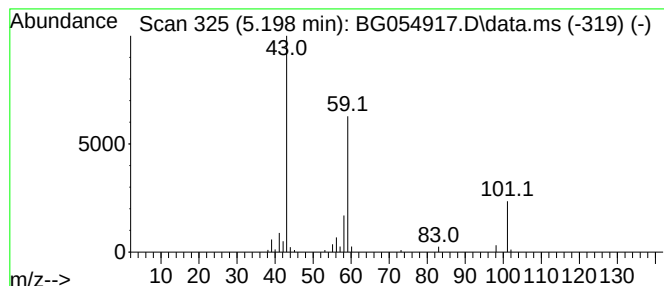
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	8.20 ng	88645	1,4-Dichlorobenzene-d4	8.141

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
3			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			1,2-Butanediol	90	C4H10O2	000584-03-2	23



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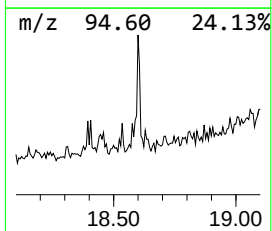
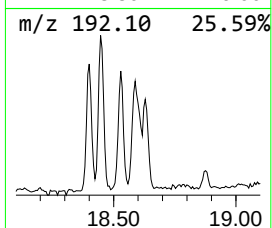
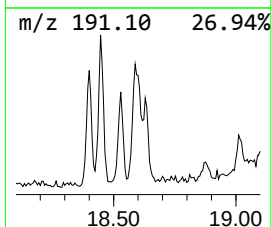
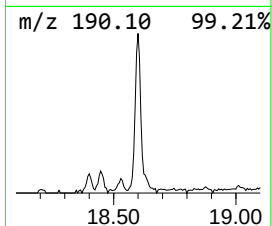
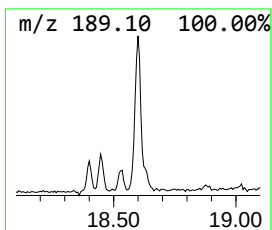
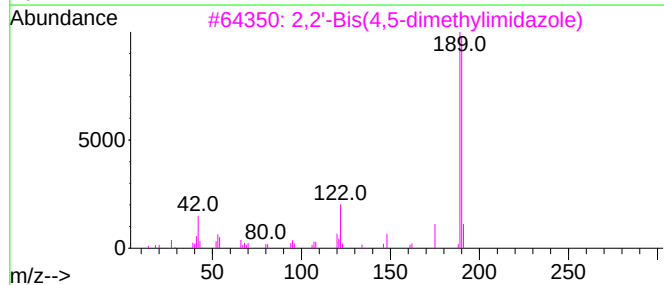
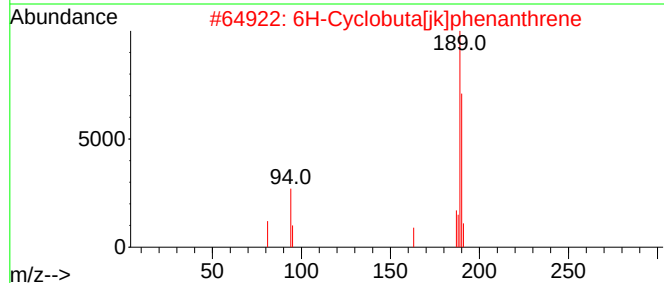
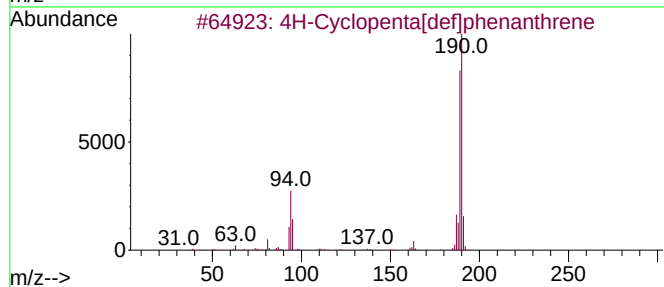
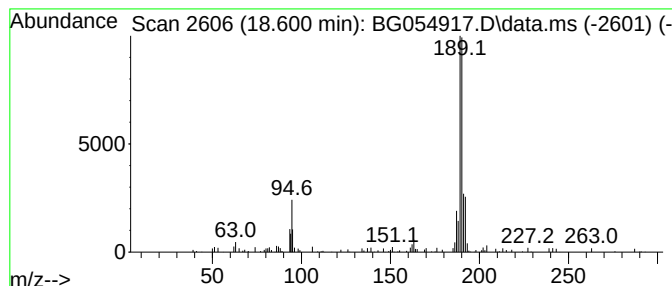
Instrument :
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ClientSampleId :
72-11976

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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 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.600	2.18 ng	66608	Phenanthrene-d10	17.525	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	Thiophene-3-carboxaldehyde, 5-chloro-	190	C5H4BClO3S	036155-87-0	47
5	Pyridazine-3(2H)-thione, 4-chloro-	190	C6H7C1N2OS	072038-53-0	17



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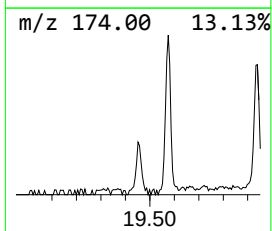
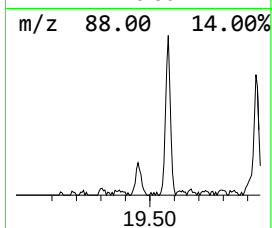
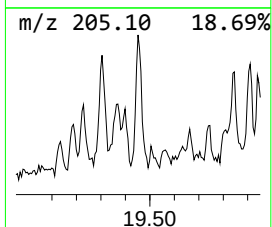
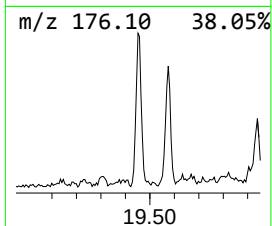
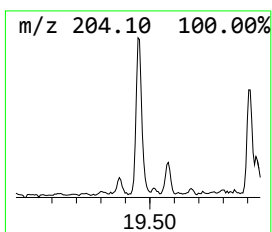
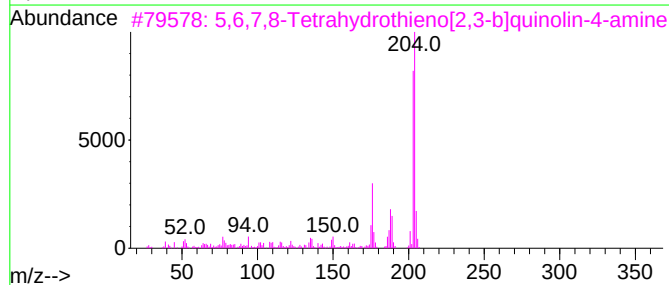
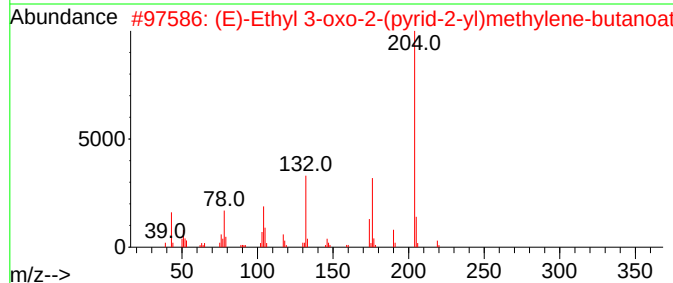
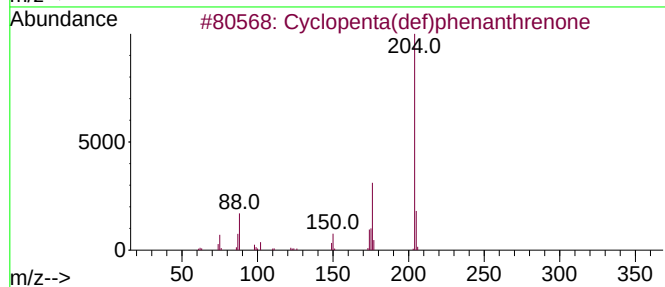
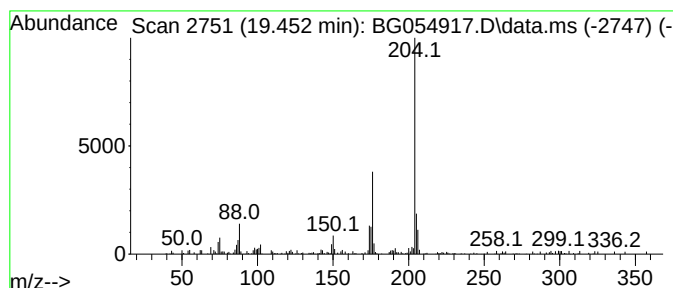
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.452	2.92 ng	89224	Phenanthrene-d10	17.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	64
3			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
4			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50



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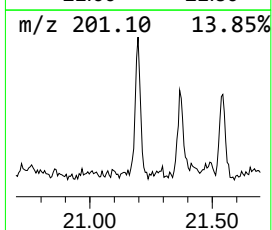
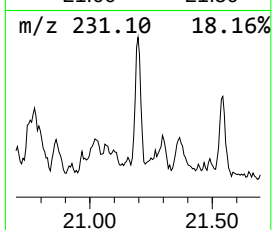
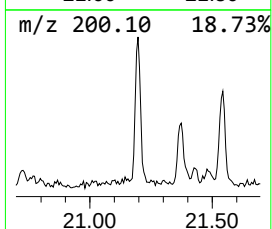
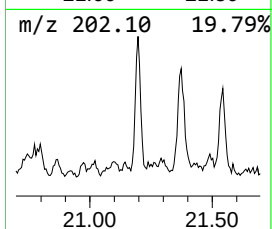
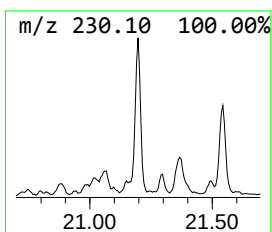
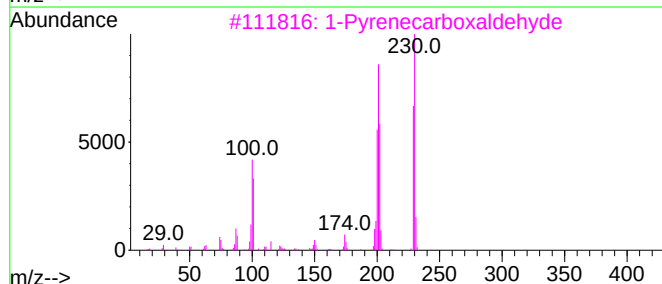
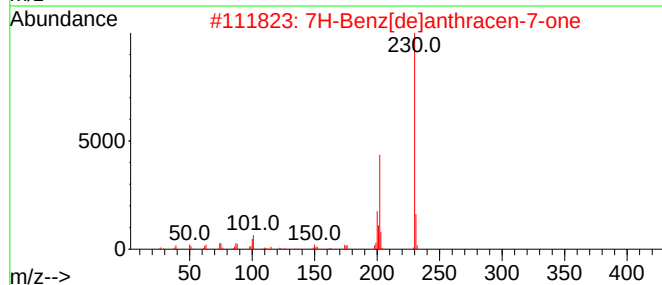
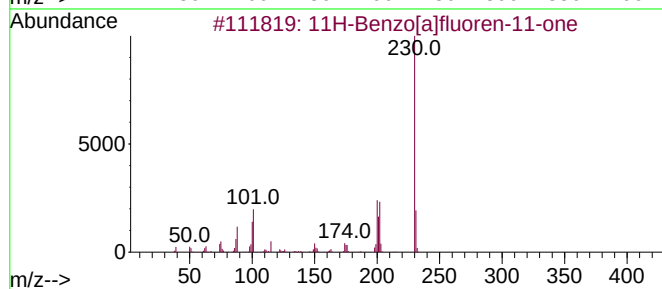
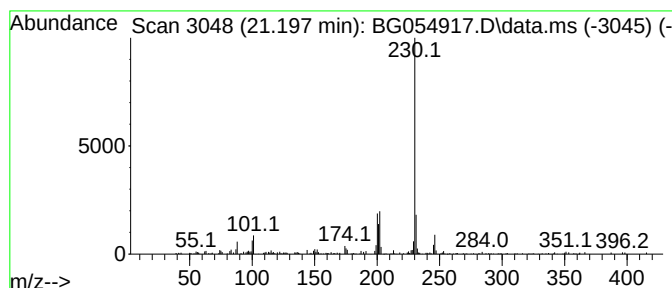
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	2.98 ng	156821	Chrysene-d12	21.820

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	64
4			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	59
5			.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.198	8.2	ng	88645	1	8.141	216301	20.0
4H-Cyclopenta[d]...	18.600	2.2	ng	66608	4	17.525	611127	20.0
Cyclopenta(def)...	19.452	2.9	ng	89224	4	17.525	611127	20.0
11H-Benzo[a]flu...	21.197	3.0	ng	156821	5	21.820	1053800	20.0