

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055768.D
 Acq On : 23 Nov 2022 23:44
 Operator : CG/JU
 Sample : N5758-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-13

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.286	331	340	349	rBV	107822	166969	12.24%	1.680%
2	5.768	415	422	433	rBV	484975	794338	58.23%	7.991%
3	7.384	689	697	713	rBV	485985	847040	62.09%	8.522%
4	8.236	835	842	849	rBV	165150	275310	20.18%	2.770%
5	9.411	1033	1042	1055	rVB	286864	522173	38.28%	5.253%
6	11.067	1316	1324	1330	rBV	228001	409383	30.01%	4.119%
7	13.482	1728	1735	1743	rBV	703435	1097895	80.48%	11.045%
8	14.181	1848	1854	1859	rBV2	9709	15320	1.12%	0.154%
9	14.863	1963	1970	1977	rVB	347298	550101	40.33%	5.534%
10	15.897	2142	2146	2158	rVB4	7928	17612	1.29%	0.177%
11	16.203	2192	2198	2204	rVB	25191	37206	2.73%	0.374%
12	16.344	2215	2222	2236	rBV	589522	907808	66.55%	9.133%
13	16.896	2308	2316	2320	rBV5	5815	14994	1.10%	0.151%
14	17.601	2427	2436	2441	rBV	433289	655473	48.05%	6.594%
15	17.642	2441	2443	2448	rVB	57767	75748	5.55%	0.762%
16	17.766	2461	2464	2472	rVB6	11165	23276	1.71%	0.234%
17	18.183	2531	2535	2539	rBV2	10190	13878	1.02%	0.140%
18	18.324	2554	2559	2565	rBV7	8668	20569	1.51%	0.207%
19	18.465	2577	2583	2589	rBV2	94300	187181	13.72%	1.883%
20	18.518	2589	2592	2600	rVV	43633	72282	5.30%	0.727%
21	18.600	2603	2606	2611	rVV2	9712	16568	1.21%	0.167%
22	18.664	2611	2617	2621	rVV2	33588	71800	5.26%	0.722%
23	18.700	2621	2623	2628	rVB	22908	32338	2.37%	0.325%
24	18.870	2648	2652	2657	rBV4	20084	30037	2.20%	0.302%
25	19.252	2715	2717	2721	rBV	13874	17084	1.25%	0.172%
26	19.375	2734	2738	2742	rBV	38173	58788	4.31%	0.591%
27	19.640	2779	2783	2787	rVB	47806	68360	5.01%	0.688%
28	19.722	2794	2797	2804	rBV4	23960	40189	2.95%	0.404%
29	20.004	2840	2845	2852	rBV	92640	143855	10.55%	1.447%
30	20.186	2871	2876	2882	rBV	1084703	1364104	100.00%	13.724%
31	21.896	3161	3167	3173	rBV	389318	660277	48.40%	6.643%
32	25.304	3739	3747	3760	rVB2	237934	731931	53.66%	7.364%

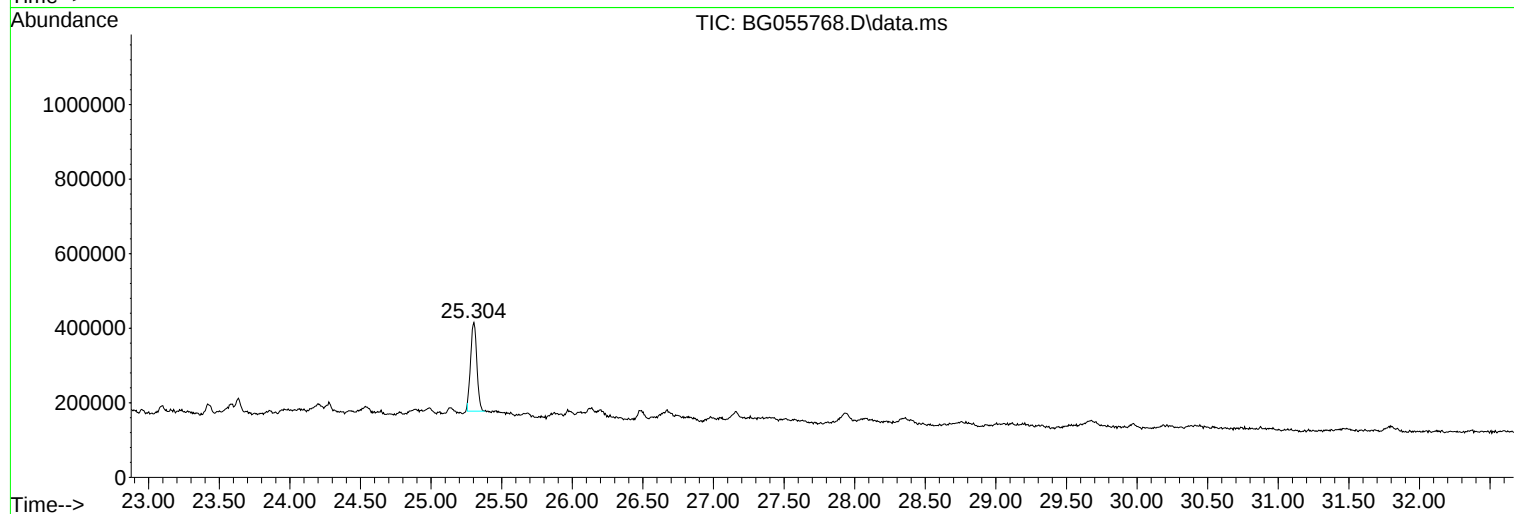
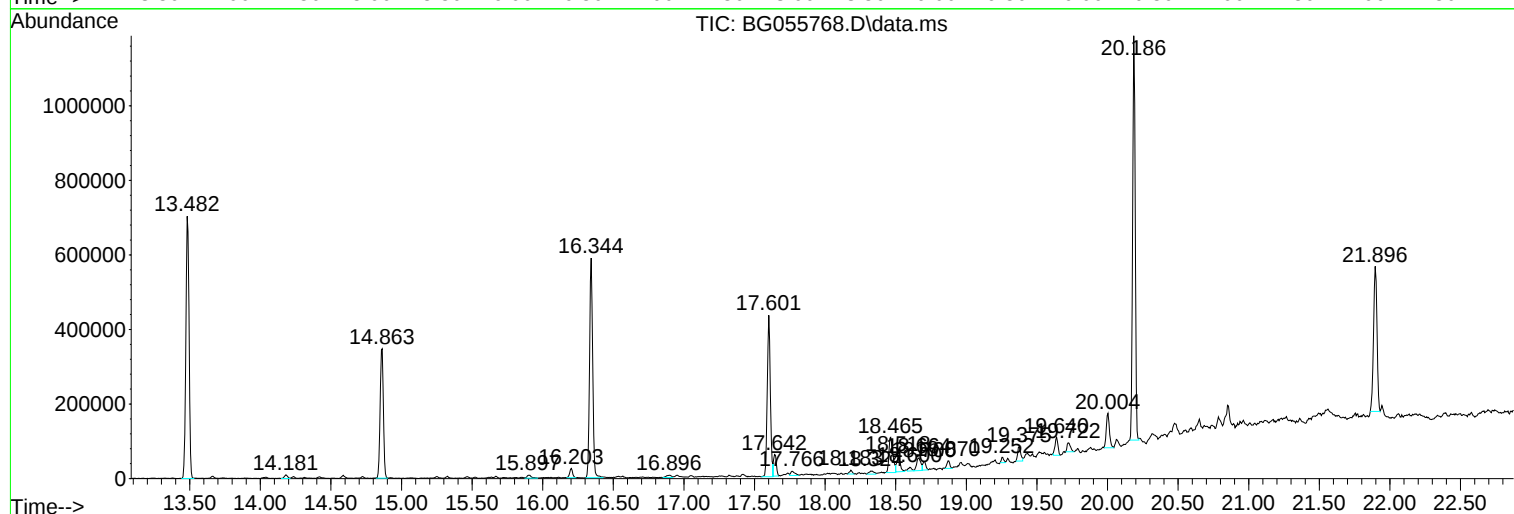
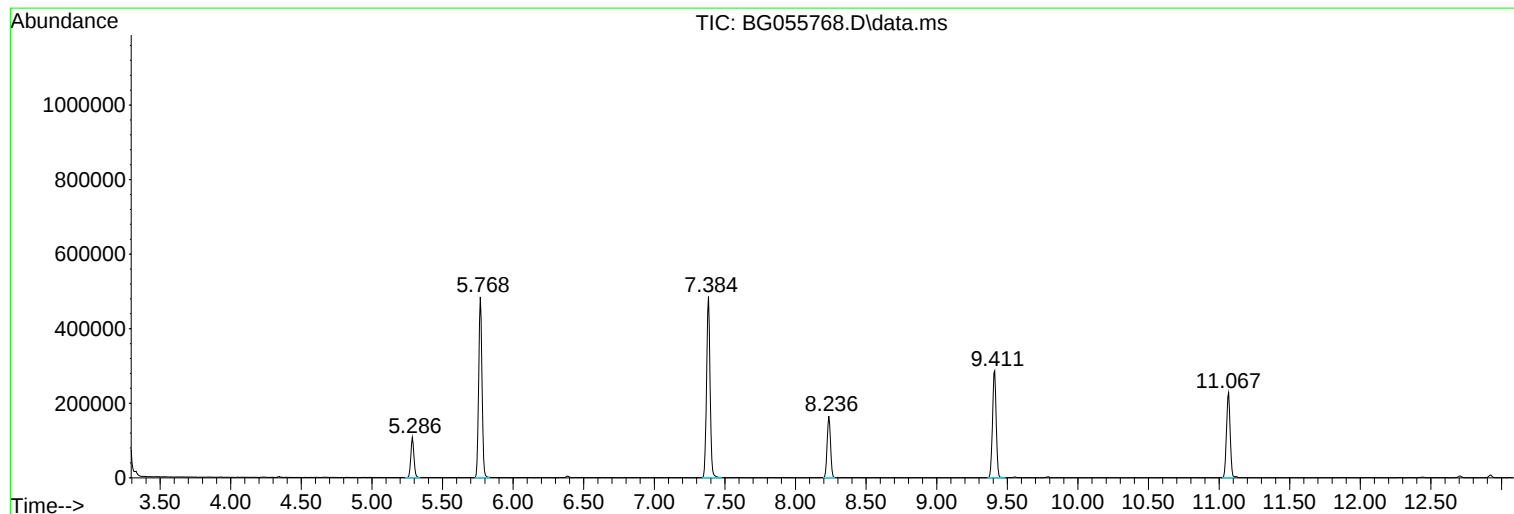
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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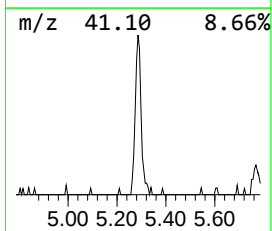
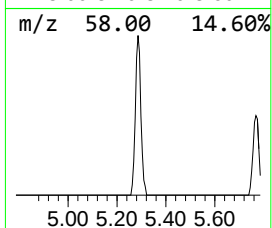
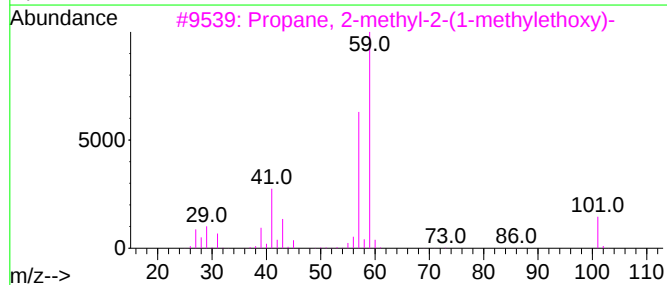
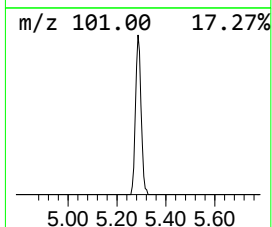
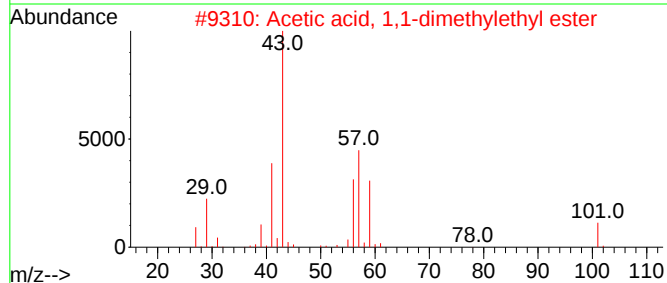
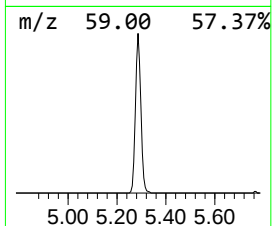
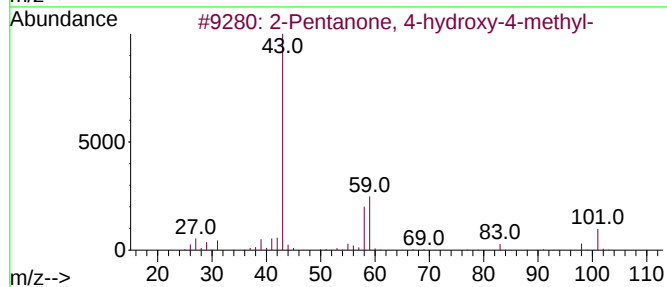
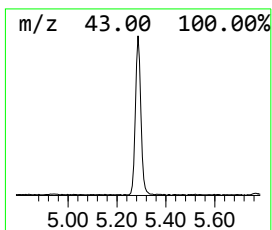
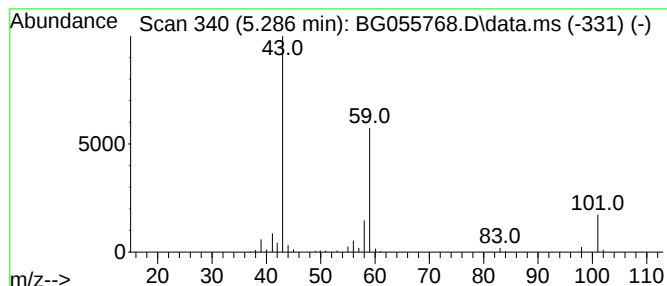
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.286	12.13 ng	166969	1,4-Dichlorobenzene-d4	8.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		



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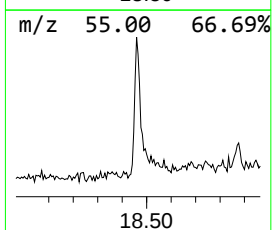
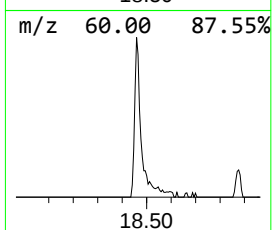
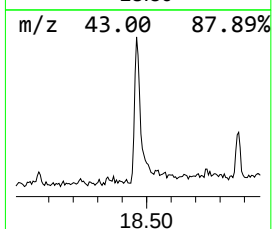
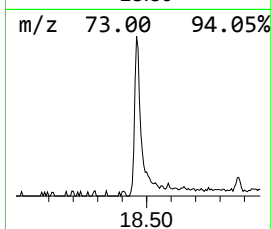
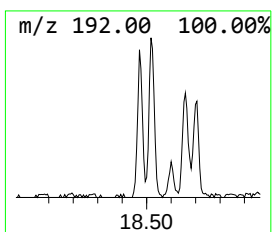
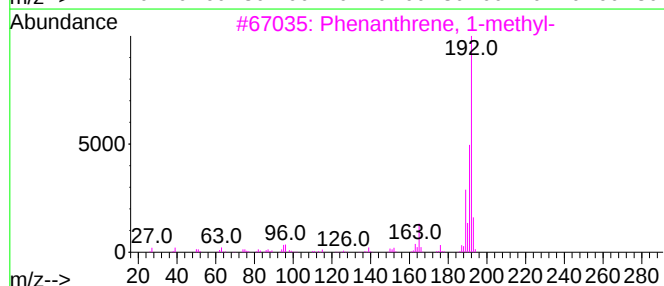
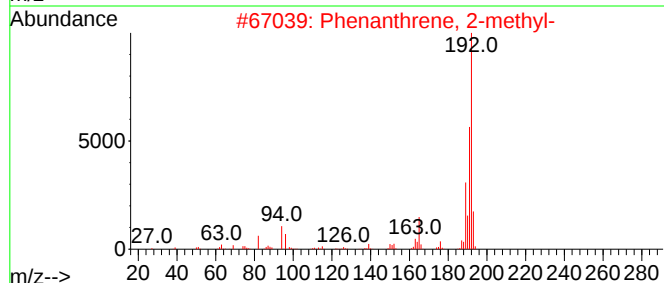
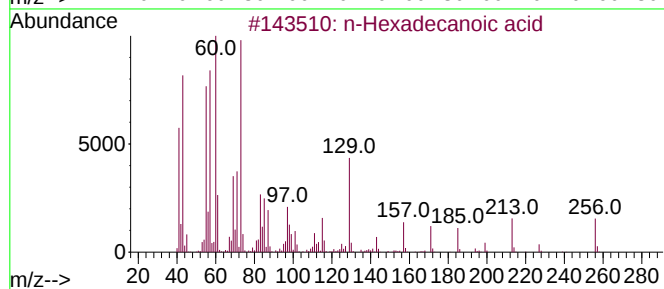
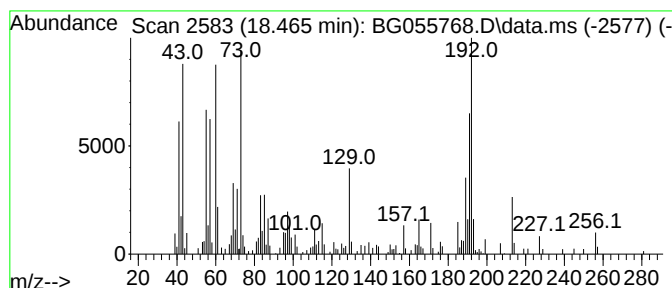
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.465	5.71 ng	187181	Phenanthrene-d10	17.601

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	66
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



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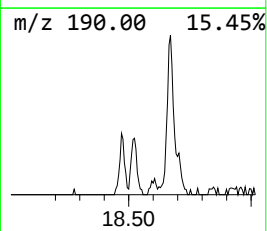
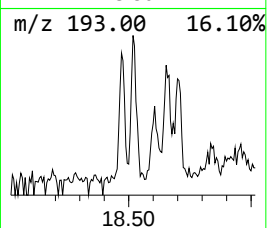
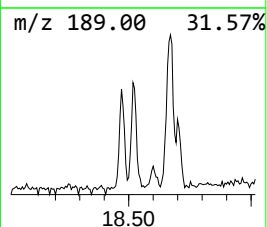
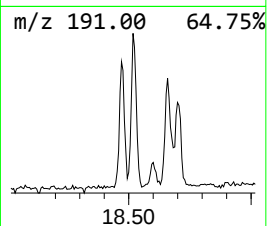
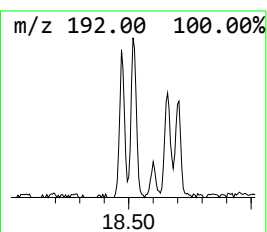
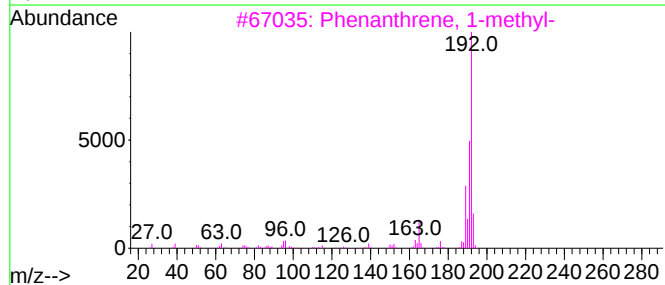
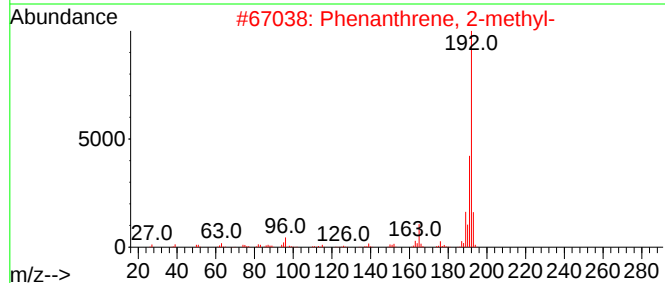
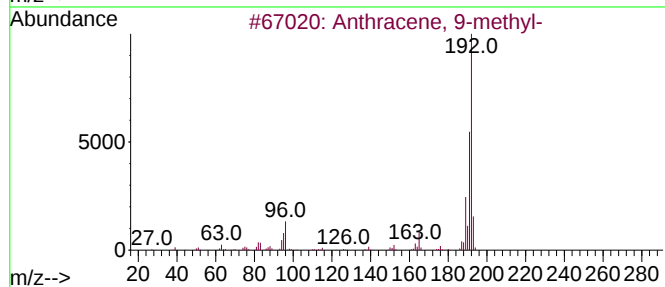
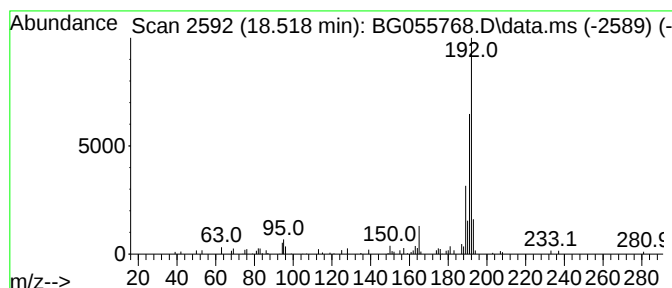
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Peak Number 3 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.518	2.21 ng	72282	Phenanthrene-d10	17.601

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91



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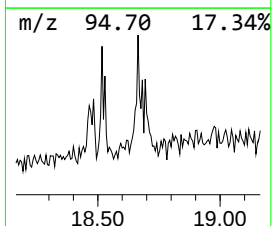
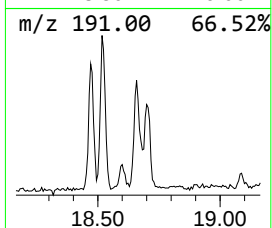
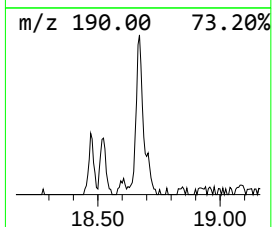
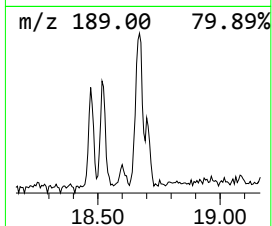
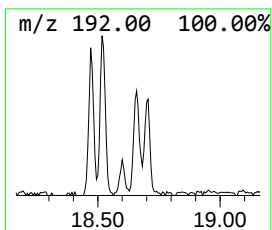
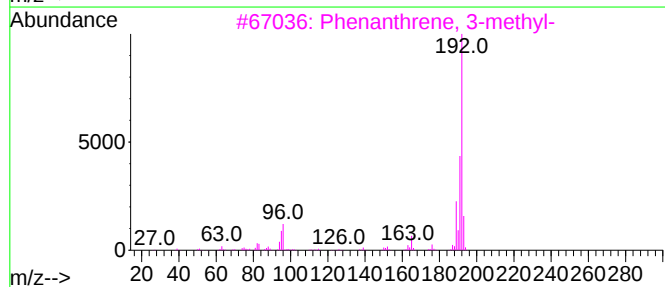
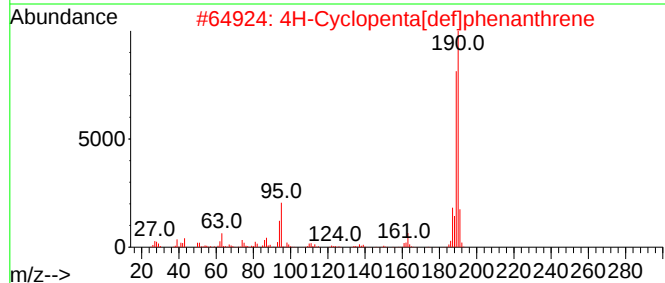
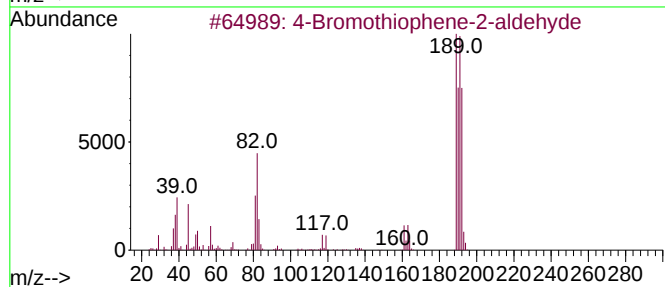
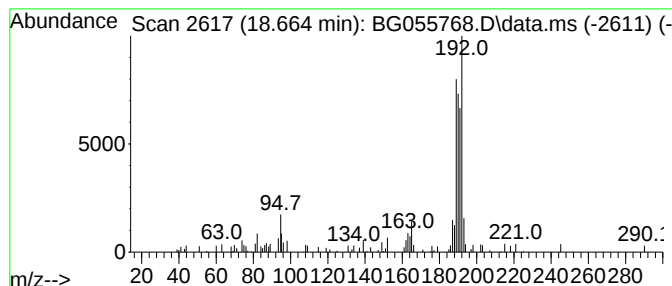
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.665	2.19 ng	71800	Phenanthrene-d10		17.601	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	49
3	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	43
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	38
5	Naphtho[1,2-b]norbornadiene		192	C15H12	1000210-14-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.286	12.1	ng	166969	1	8.236	275310	20.0
n-Hexadecanoic ...	18.465	5.7	ng	187181	4	17.601	655473	20.0
Anthracene, 9-m...	18.518	2.2	ng	72282	4	17.601	655473	20.0
4-Bromothiophen...	18.665	2.2	ng	71800	4	17.601	655473	20.0