

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025952.D  
 Acq On : 23 Jun 2023 00:00  
 Operator : MA/JU  
 Sample : 03083-02DL 5X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK0DL

Quant Time: Jun 23 01:05:48 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 22 01:27:41 2023  
 Response via : Initial Calibration

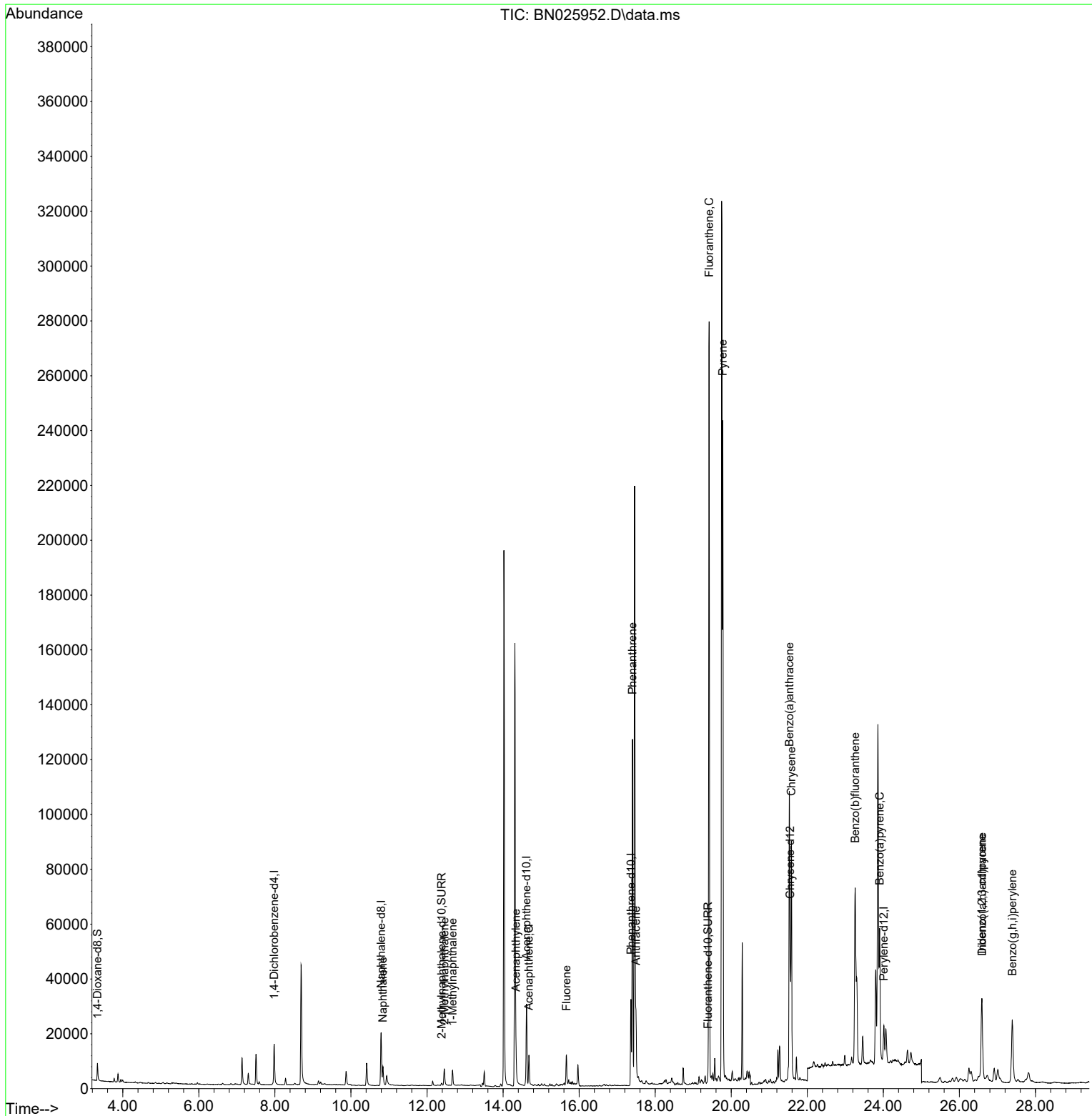
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	9124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	28872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17400	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	37754	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	25020	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	19104	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4515	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	1392	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	3435	0.036	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.840	128	10284	0.124	ng/ul	98
7) 2-Methylnaphthalene	12.457	142	5386	0.102	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	4379	0.080	ng/ul	100
10) Acenaphthylene	14.338	152	13308	0.163	ng/ul	98
11) Acenaphthene	14.681	153	6697	0.100	ng/ul	98
12) Fluorene	15.666	166	7341	0.096	ng/ul#	98
15) Phenanthrene	17.401	178	137036	1.099	ng/ul	99
16) Anthracene	17.494	178	25792	0.233	ng/ul	97
19) Fluoranthene	19.418	202	245025	1.834	ng/ul	97
20) Pyrene	19.776	202	200959	1.446	ng/ul	99
21) Benzo(a)anthracene	21.528	228	88954	0.862	ng/ul	98
22) Chrysene	21.580	228	96448	0.898	ng/ul	97
24) Benzo(b)fluoranthene	23.258	252	155771	1.910	ng/ul	93
26) Benzo(a)pyrene	23.904	252	66614	0.941	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.590	276	48283	0.624	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.593	278	11253	0.192	ng/ul#	90
29) Benzo(g,h,i)perylene	27.392	276	46621	0.678	ng/ul	96

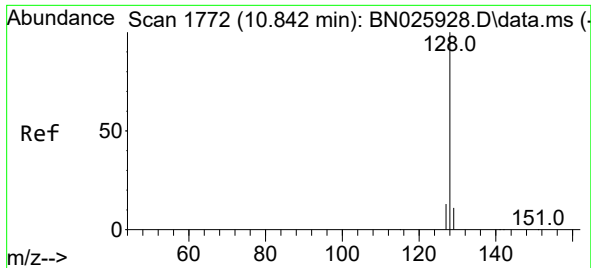
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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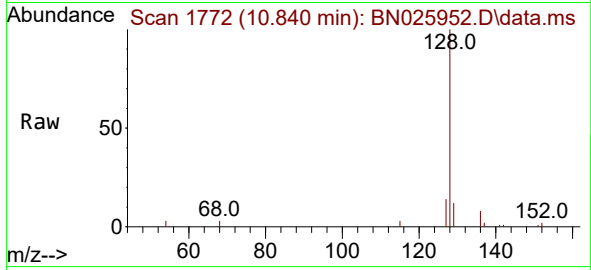
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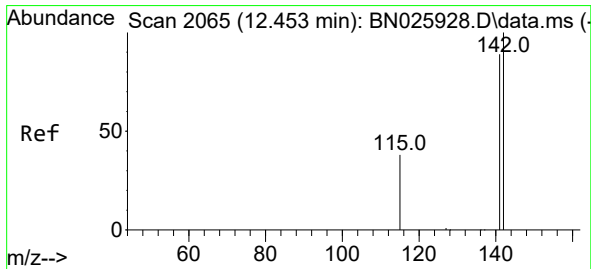
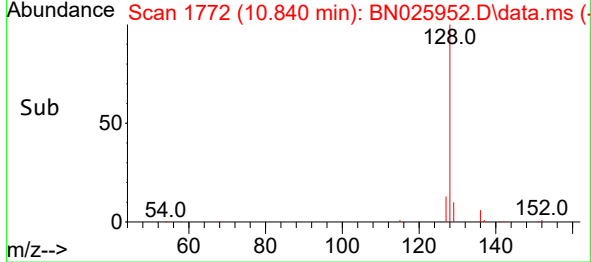
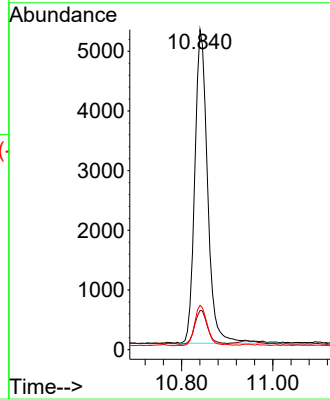


#5  
 Naphthalene  
 Concen: 0.124 ng/uI  
 RT: 10.840 min Scan# 1772  
 Delta R.T. -0.007 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK0DL

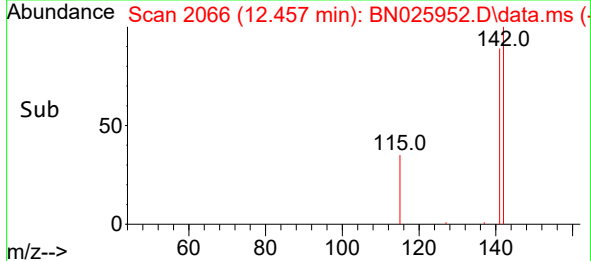
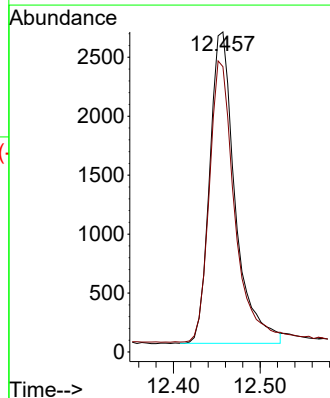
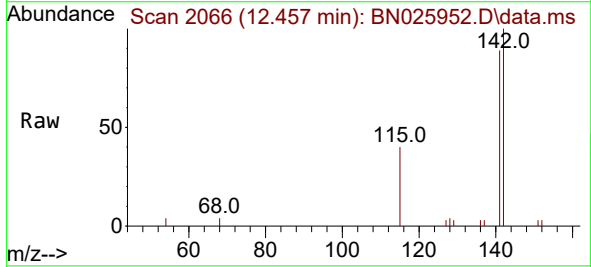


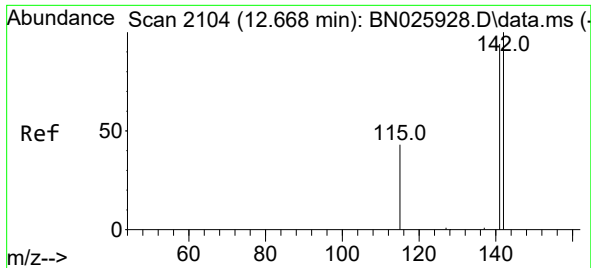
Tgt Ion:128 Resp: 10284  
 Ion Ratio Lower Upper  
 128 100  
 129 12.3 9.1 13.7  
 127 13.8 10.7 16.1



#7  
 2-Methylnaphthalene  
 Concen: 0.102 ng/uI  
 RT: 12.457 min Scan# 2066  
 Delta R.T. 0.004 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Tgt Ion:142 Resp: 5386  
 Ion Ratio Lower Upper  
 142 100  
 141 89.5 71.9 107.9

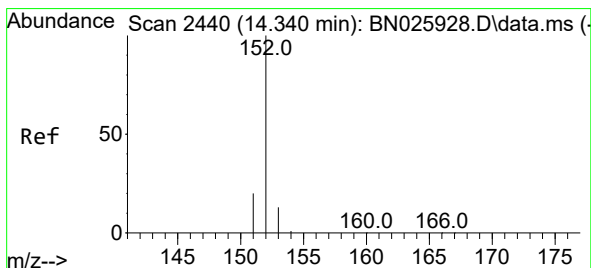
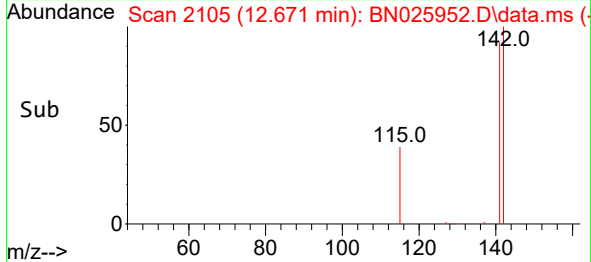
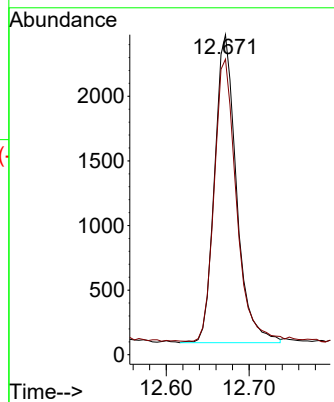
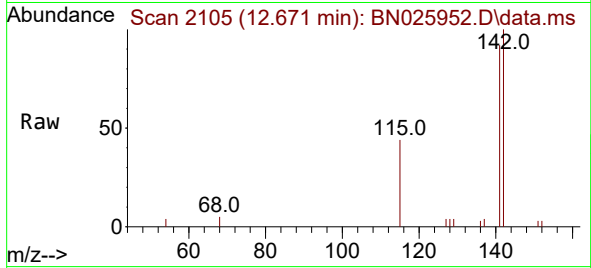




#8  
 1-Methylnaphthalene  
 Concen: 0.080 ng/ul  
 RT: 12.671 min Scan# 2105  
 Delta R.T. -0.002 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

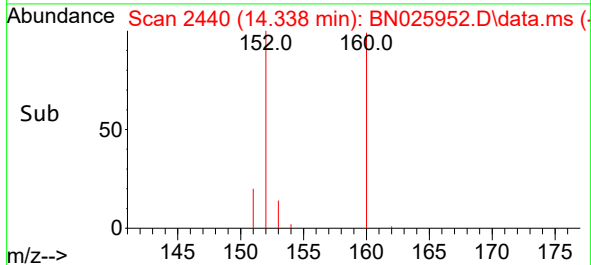
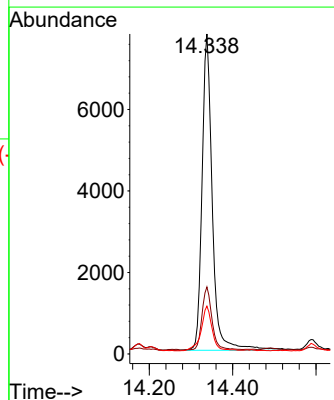
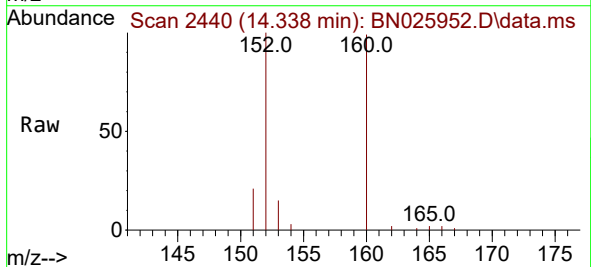
Instrument :  
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 ClientSampleId :  
 DCFK0DL

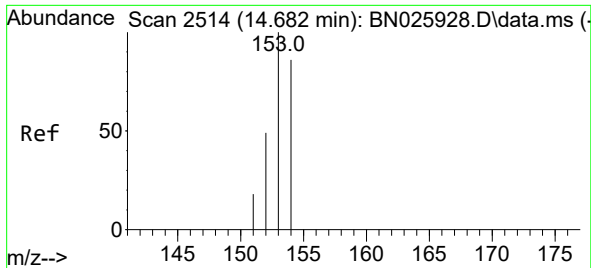
Tgt Ion:142 Resp: 4379  
 Ion Ratio Lower Upper  
 142 100  
 141 92.7 74.2 111.4



#10  
 Acenaphthylene  
 Concen: 0.163 ng/ul  
 RT: 14.338 min Scan# 2440  
 Delta R.T. -0.005 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

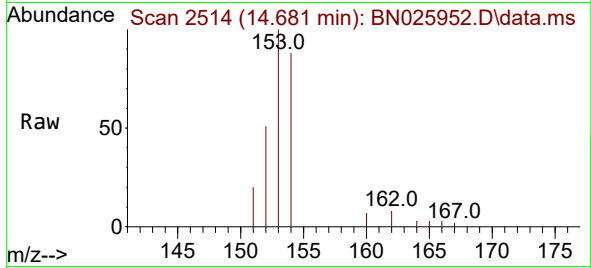
Tgt Ion:152 Resp: 13308  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 16.2 24.4  
 153 15.0 10.9 16.3



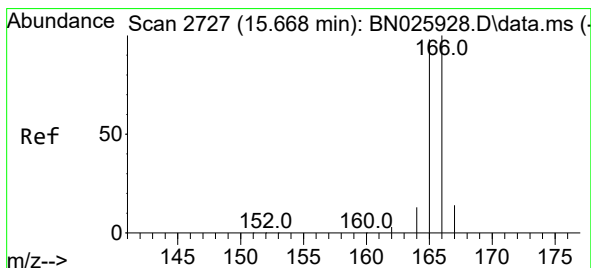
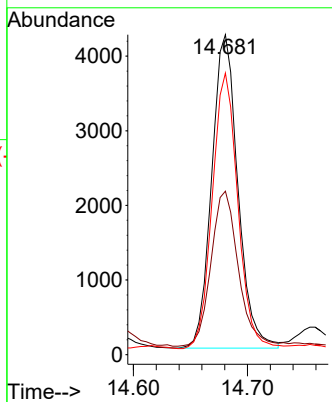
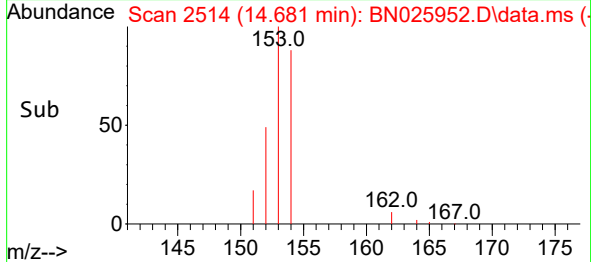


#11  
 Acenaphthene  
 Concen: 0.100 ng/u1  
 RT: 14.681 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

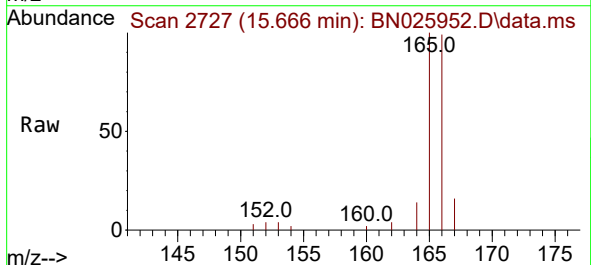
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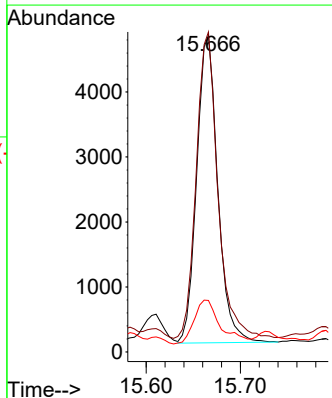
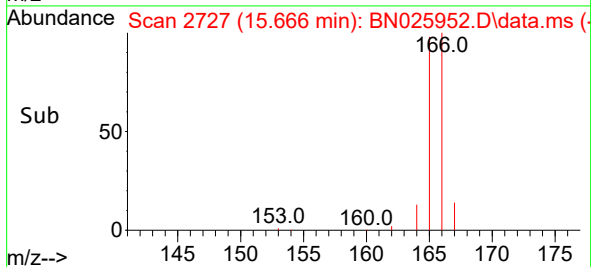
Tgt Ion:153 Resp: 6697  
 Ion Ratio Lower Upper  
 153 100  
 152 51.1 39.4 59.0  
 154 88.0 68.9 103.3

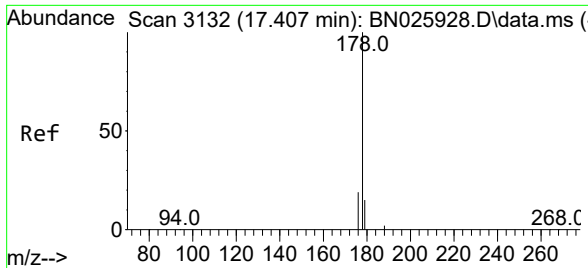


#12  
 Fluorene  
 Concen: 0.096 ng/u1  
 RT: 15.666 min Scan# 2727  
 Delta R.T. -0.001 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00



Tgt Ion:166 Resp: 7341  
 Ion Ratio Lower Upper  
 166 100  
 165 101.0 79.9 119.9  
 167 16.3 10.8 16.2#



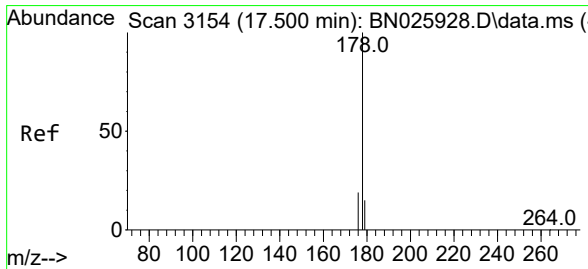
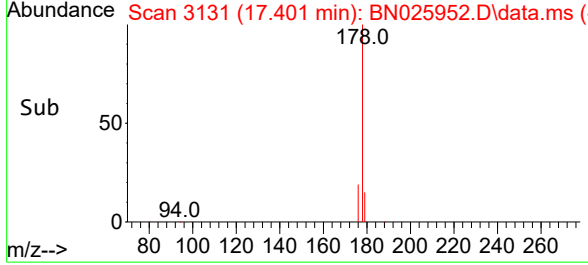
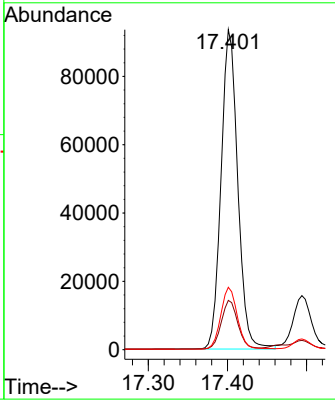
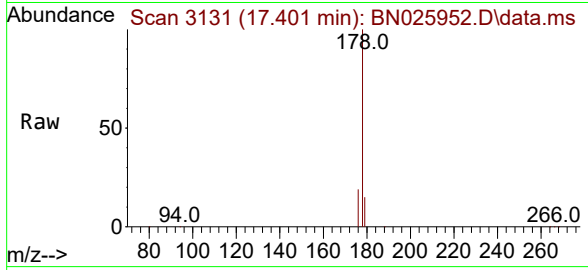


#15  
 Phenanthrene  
 Concen: 1.099 ng/u1  
 RT: 17.401 min Scan# 3131  
 Delta R.T. -0.005 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument : BNA\_N  
 ClientSampleId : DCFK0DL

Tgt Ion:178 Resp: 137036

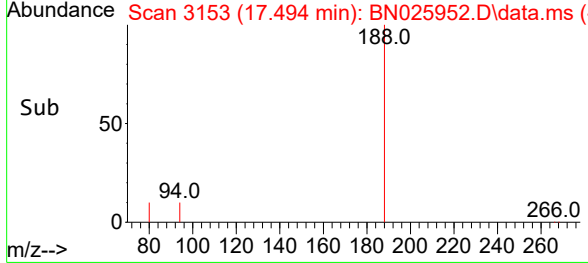
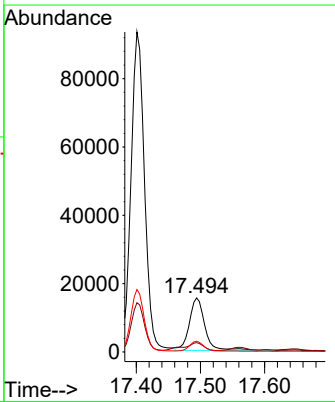
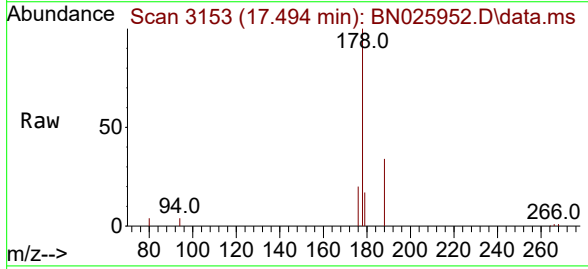
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.5	15.8	23.6

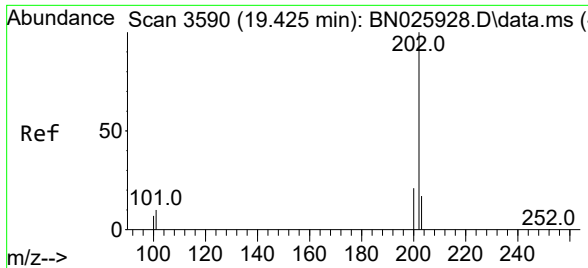


#16  
 Anthracene  
 Concen: 0.233 ng/u1  
 RT: 17.494 min Scan# 3153  
 Delta R.T. -0.005 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Tgt Ion:178 Resp: 25792

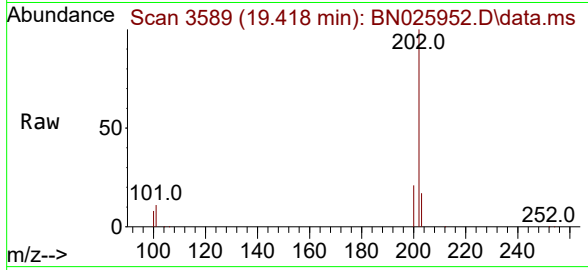
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	18.8
176	19.7	15.1	22.7



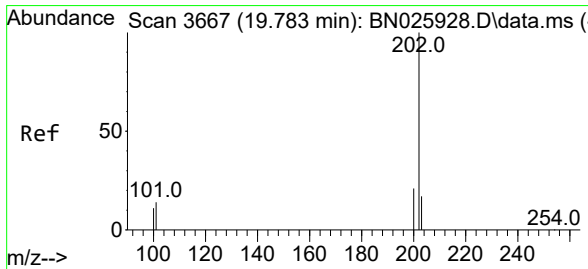
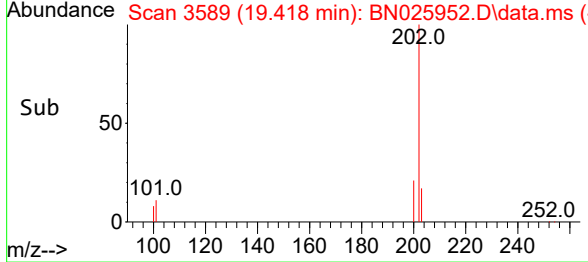
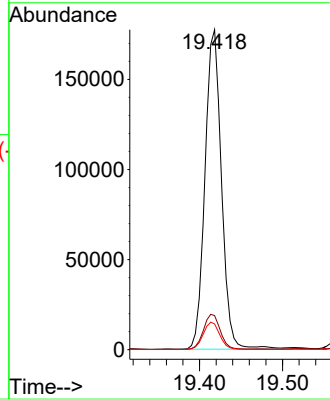


#19  
 Fluoranthene  
 Concen: 1.834 ng/u1  
 RT: 19.418 min Scan# 3589  
 Delta R.T. -0.001 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument :  
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 ClientSampleId :  
 DCFK0DL

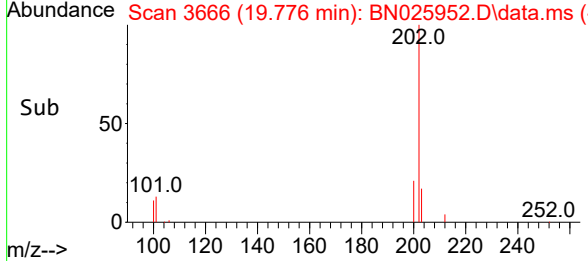
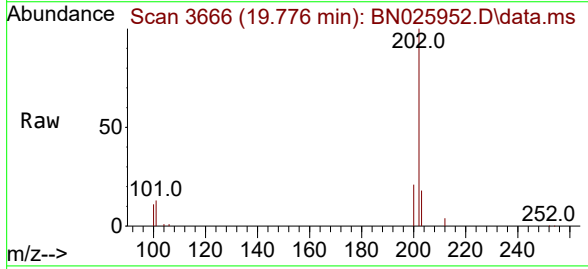
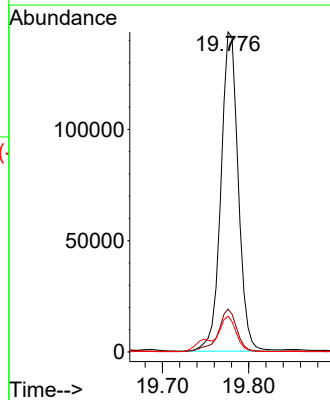


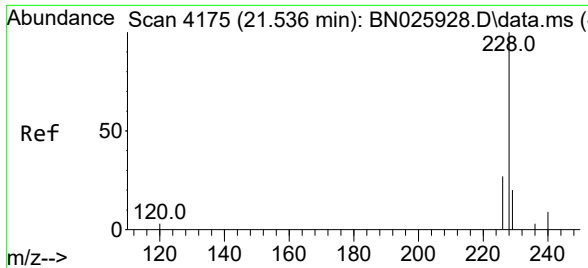
Tgt Ion:202 Resp: 245025  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 9.5 14.3  
 100 8.1 7.3 10.9



#20  
 Pyrene  
 Concen: 1.446 ng/u1  
 RT: 19.776 min Scan# 3666  
 Delta R.T. -0.006 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

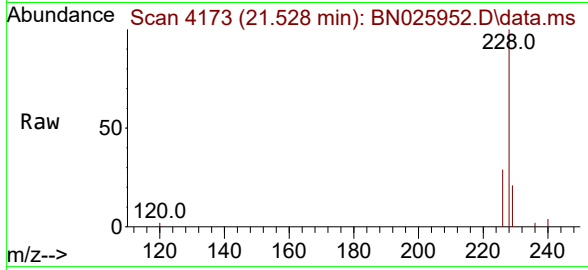
Tgt Ion:202 Resp: 200959  
 Ion Ratio Lower Upper  
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 101 13.4 11.4 17.0  
 100 11.2 9.1 13.7



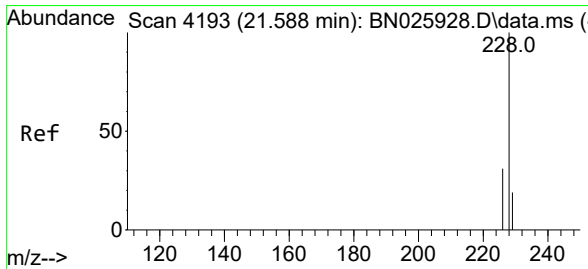
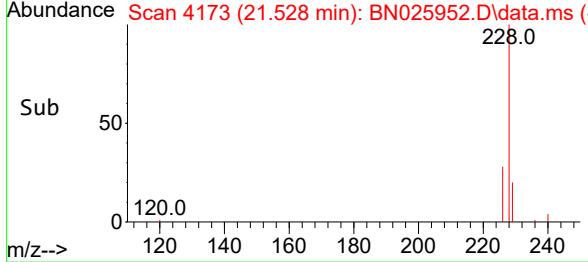
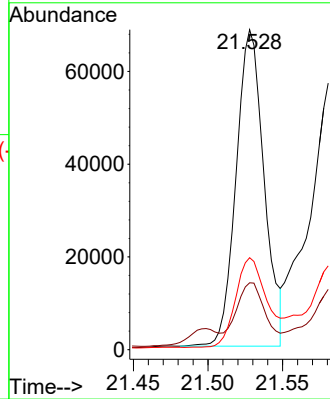


#21  
 Benzo(a)anthracene  
 Concen: 0.862 ng/u1  
 RT: 21.528 min Scan# 4173  
 Delta R.T. -0.004 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument :  
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 DCFK0DL

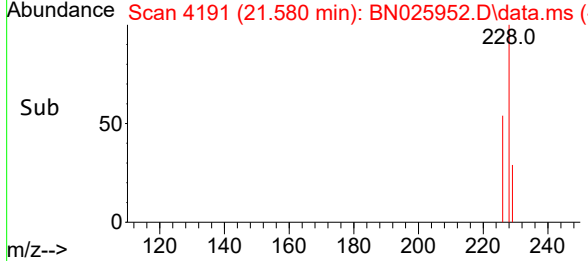
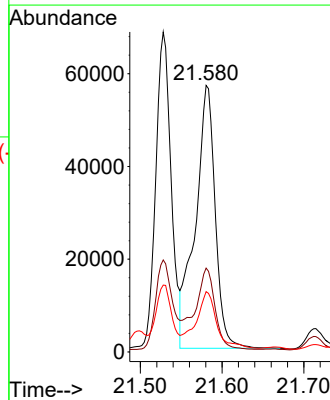
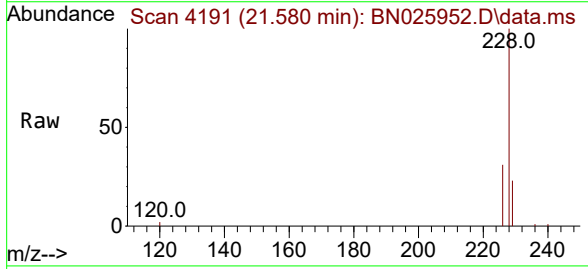


Tgt Ion:228 Resp: 88954  
 Ion Ratio Lower Upper  
 228 100  
 229 20.9 15.8 23.6  
 226 28.8 22.5 33.7

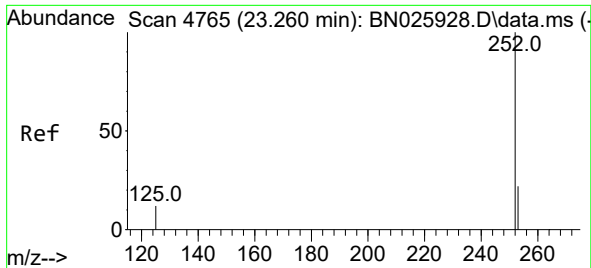


#22  
 Chrysene  
 Concen: 0.898 ng/u1  
 RT: 21.580 min Scan# 4191  
 Delta R.T. -0.004 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Tgt Ion:228 Resp: 96448  
 Ion Ratio Lower Upper  
 228 100  
 226 31.5 24.8 37.2  
 229 22.6 15.7 23.5

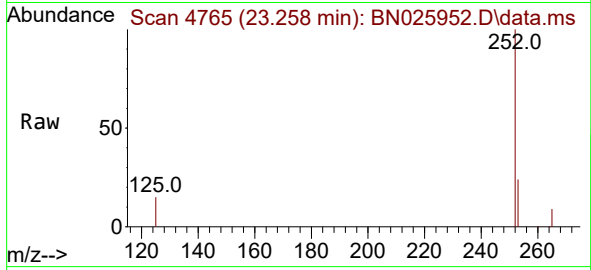




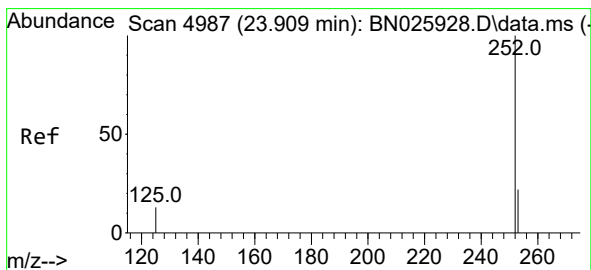
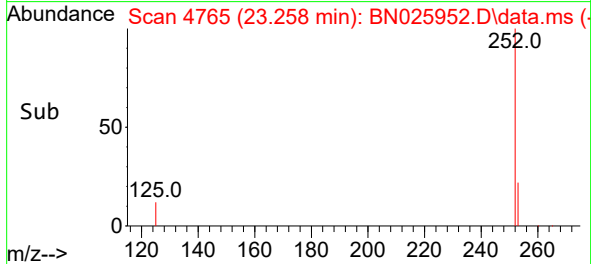
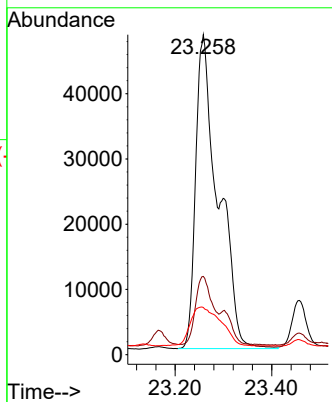


#24  
 Benzo(b)fluoranthene  
 Concen: 1.910 ng/u1  
 RT: 23.258 min Scan# 41  
 Delta R.T. 0.002 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK0DL

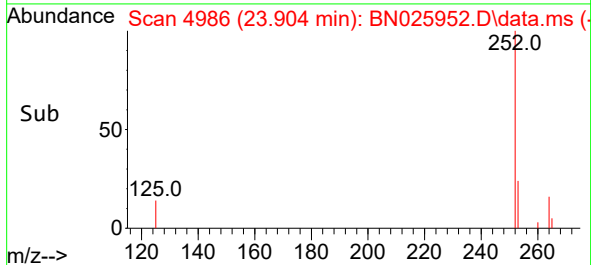
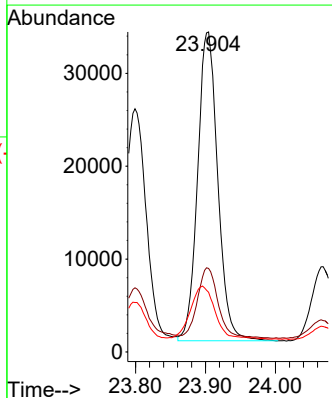
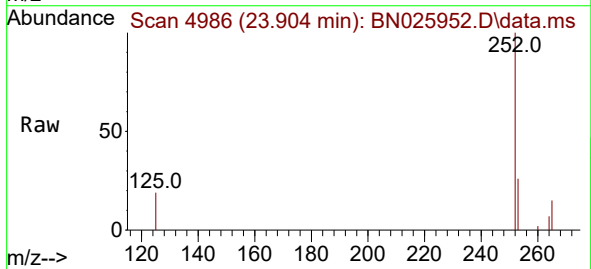


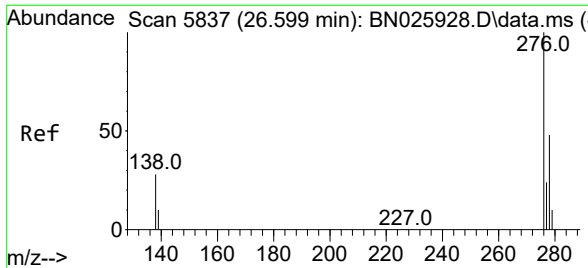
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 Ion Ratio Lower Upper  
 252 100  
 253 24.5 0.0 55.6  
 125 14.7 0.0 35.8



#26  
 Benzo(a)pyrene  
 Concen: 0.941 ng/u1  
 RT: 23.904 min Scan# 4986  
 Delta R.T. -0.004 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Tgt Ion:252 Resp: 66614  
 Ion Ratio Lower Upper  
 252 100  
 253 26.1 26.0 39.0  
 125 18.6 17.3 25.9

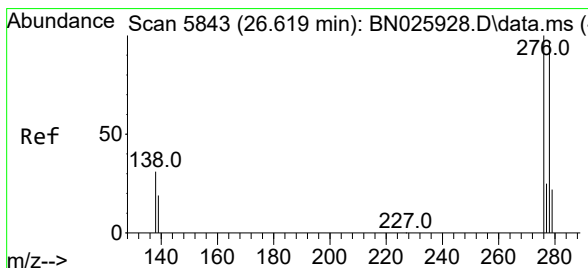
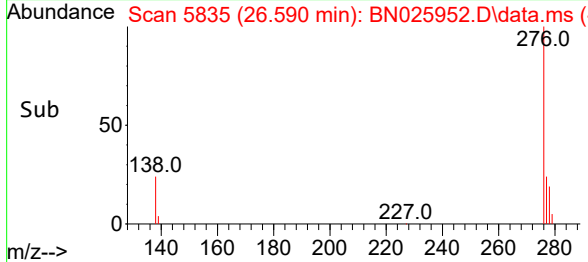
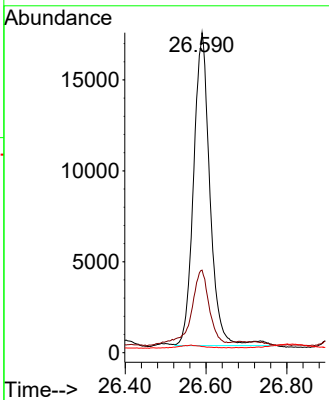
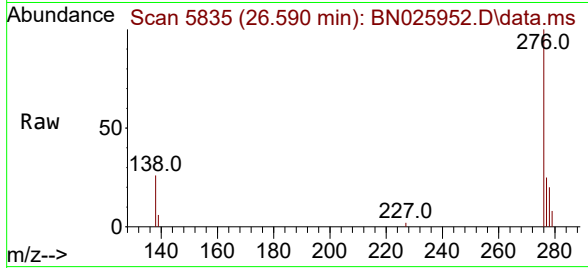




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.624 ng/u1  
 RT: 26.590 min Scan# 5835  
 Delta R.T. -0.004 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

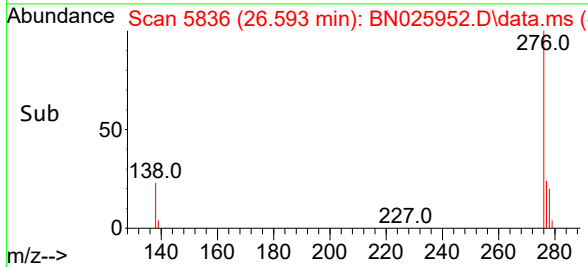
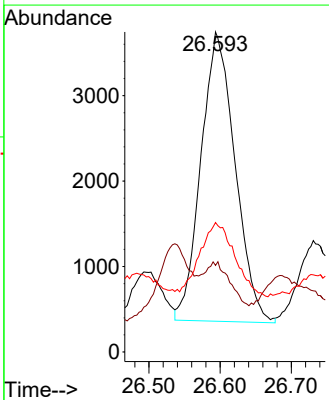
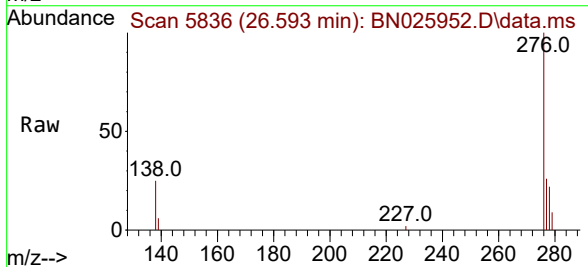
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK0DL

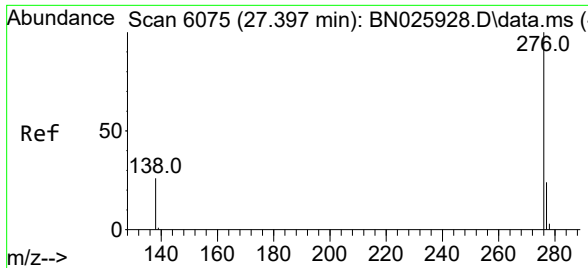
Tgt Ion	Resp	Lower	Upper
276	48283		
138	27.8	24.5	36.7
227	0.0	0.0	0.0



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.192 ng/u1  
 RT: 26.593 min Scan# 5836  
 Delta R.T. -0.028 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

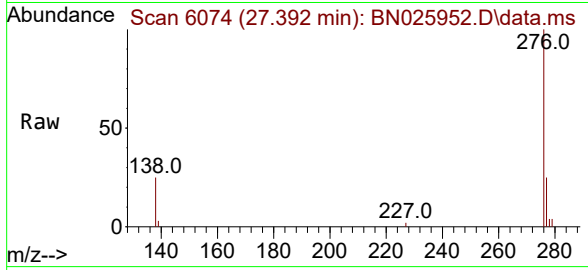
Tgt Ion	Resp	Lower	Upper
278	11253		
278	100		
139	27.0	19.0	28.4
279	40.5	26.7	40.1#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.678 ng/ul  
 RT: 27.392 min Scan# 6074  
 Delta R.T. 0.006 min  
 Lab File: BN025952.D  
 Acq: 23 Jun 2023 00:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK0DL



Tgt Ion: 276 Resp: 46621

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.4	35.0
277	24.9	20.0	30.0

