

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025228.D
 Acq On : 02 May 2023 19:47
 Operator : CG/JU
 Sample : 02419-36DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL

Quant Time: May 03 02:30:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

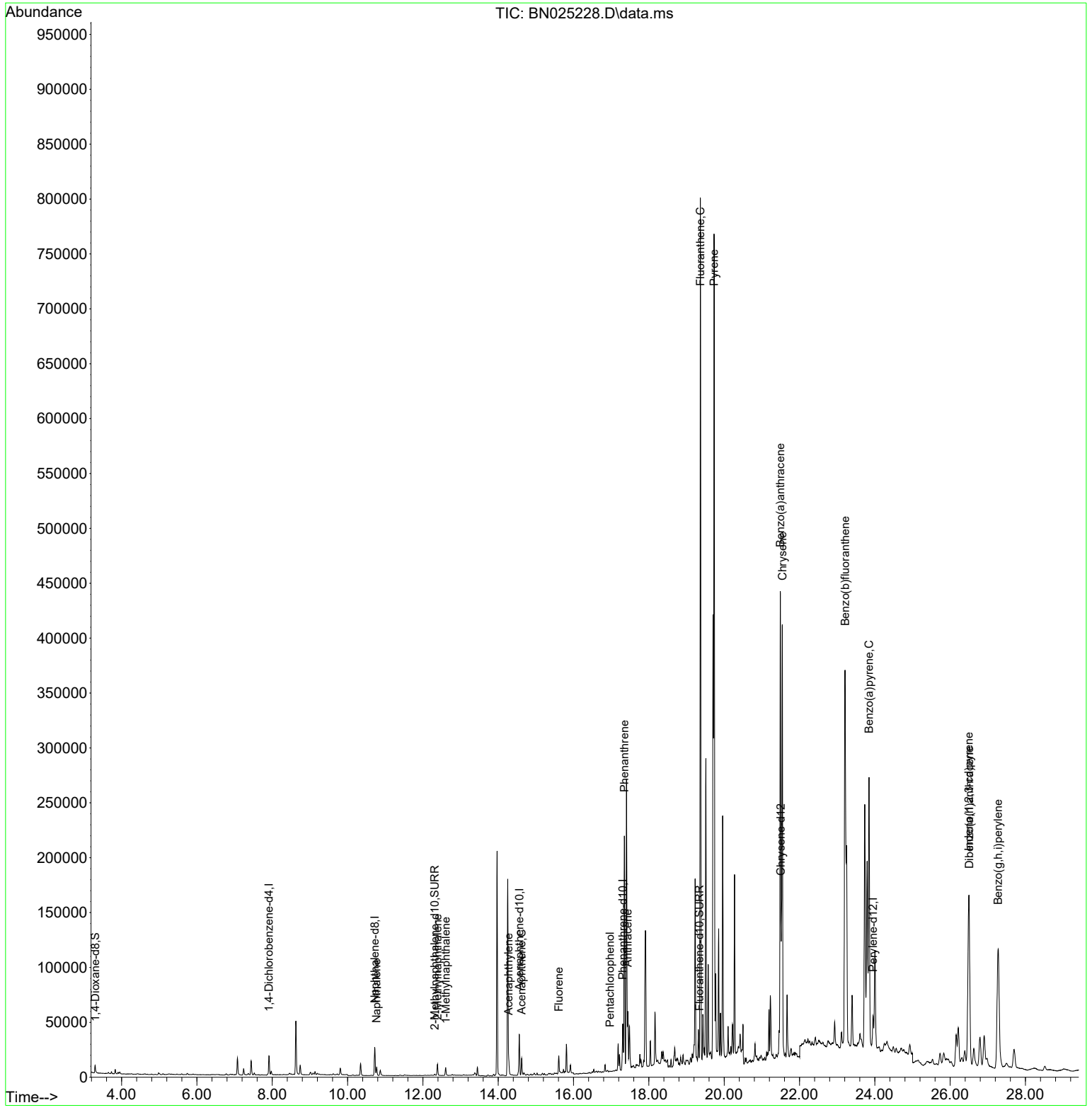
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	9170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	33888	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	20693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	52196	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.506	240	38738	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	34258	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4399	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1603	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	3973	0.039	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	10093	0.116	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	7442	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	5033	0.089	ng/ul	99
10) Acenaphthylene	14.280	152	13533	0.176	ng/ul	94
11) Acenaphthene	14.622	153	9014	0.139	ng/ul	99
12) Fluorene	15.607	166	10519	0.145	ng/ul#	95
14) Pentachlorophenol	16.968	266	244	0.024	ng/ul#	75
15) Phenanthrene	17.348	178	227993	1.547	ng/ul	99
16) Anthracene	17.441	178	51956	0.431	ng/ul	97
19) Fluoranthene	19.369	202	643152	4.591	ng/ul	99
20) Pyrene	19.731	202	620565	4.312	ng/ul	98
21) Benzo(a)anthracene	21.489	228	363103	3.111	ng/ul	97
22) Chrysene	21.544	228	390380	3.066	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	785073	5.648	ng/ul	96
26) Benzo(a)pyrene	23.848	252	360289	3.133	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.498	276	292369	2.207	ng/ul	95
28) Dibenzo(a,h)anthracene	26.508	278	70019	0.677	ng/ul#	87
29) Benzo(g,h,i)perylene	27.276	276	286371	2.542	ng/ul	99

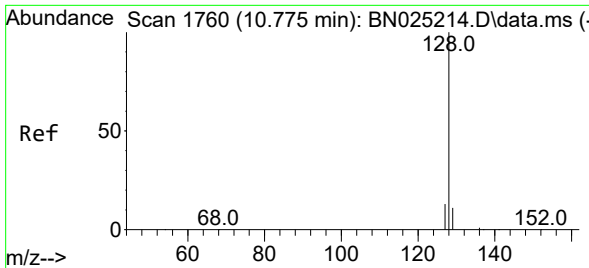
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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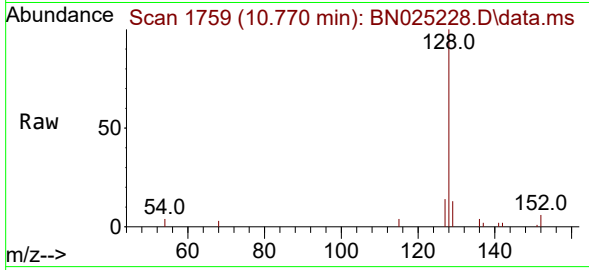
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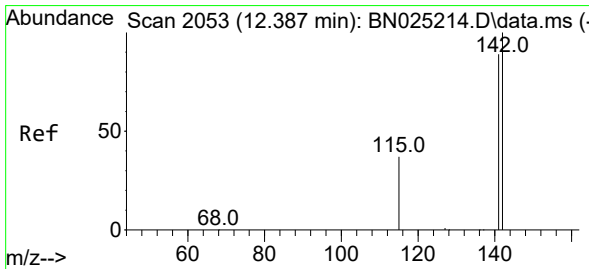
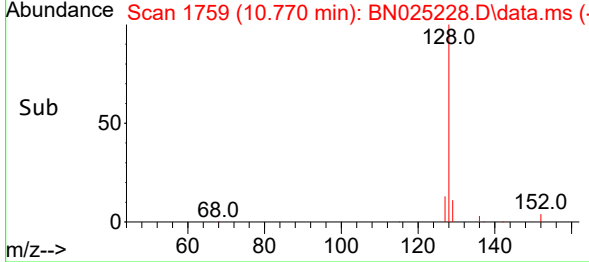
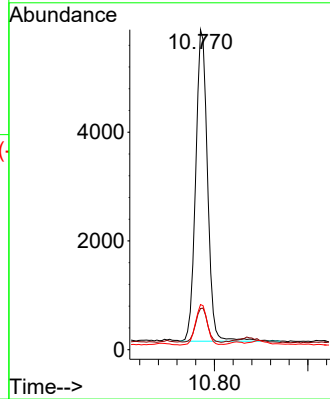


#5
 Naphthalene
 Concen: 0.116 ng/u1
 RT: 10.770 min Scan# 1759
 Delta R.T. -0.005 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL

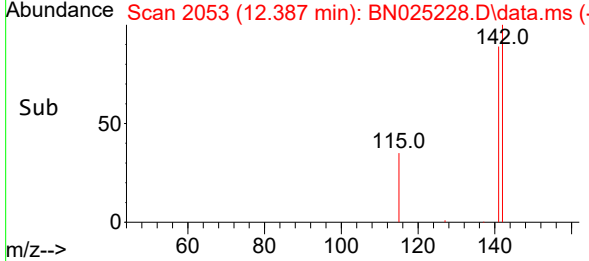
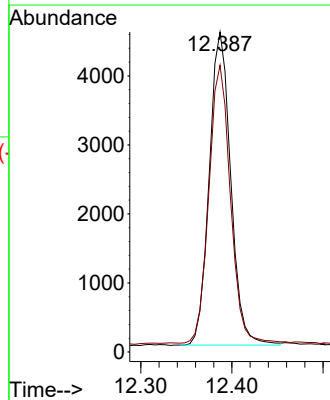
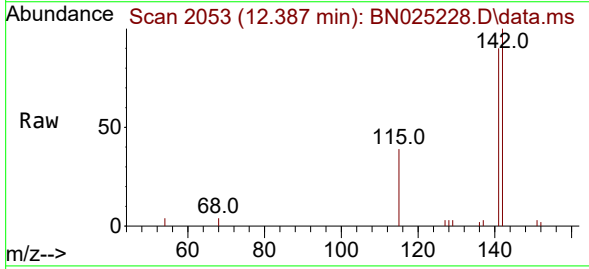


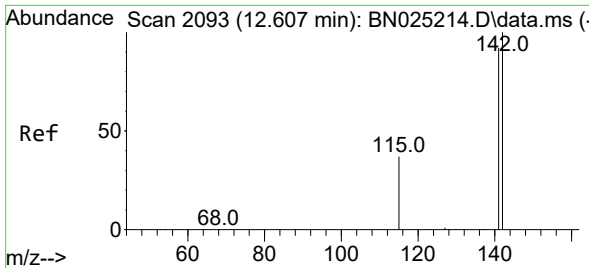
Tgt Ion:128 Resp: 10093
 Ion Ratio Lower Upper
 128 100
 129 12.8 9.0 13.6
 127 14.1 10.7 16.1



#7
 2-Methylnaphthalene
 Concen: 0.140 ng/u1
 RT: 12.387 min Scan# 2053
 Delta R.T. 0.000 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

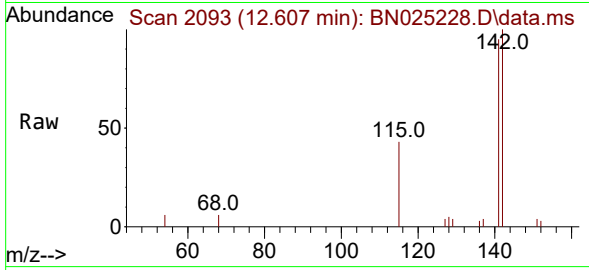
Tgt Ion:142 Resp: 7442
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.4 107.0



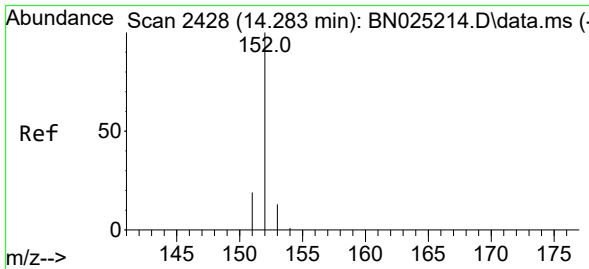
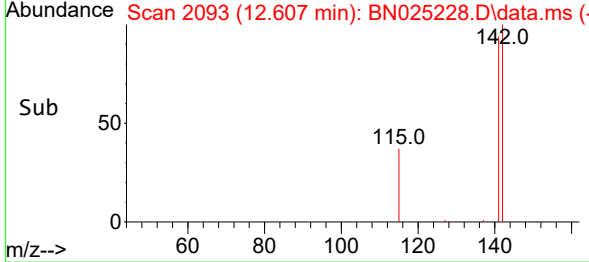
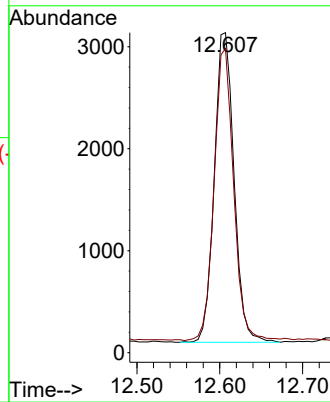


#8
 1-Methylnaphthalene
 Concen: 0.089 ng/ul
 RT: 12.607 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

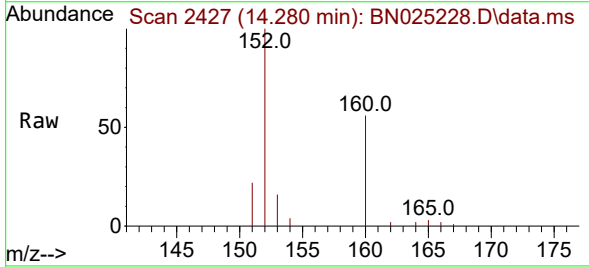
Instrument :
 BNA_N
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 EW931DL



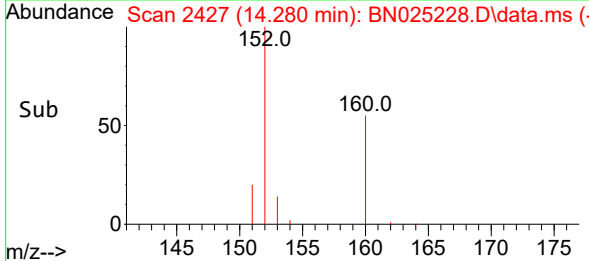
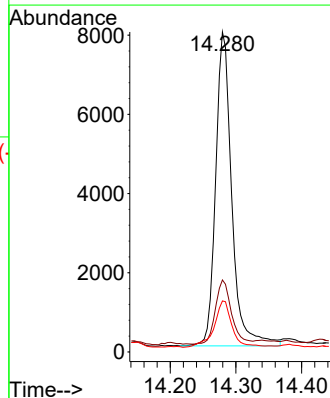
Tgt Ion:142 Resp: 5033
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.8 110.6

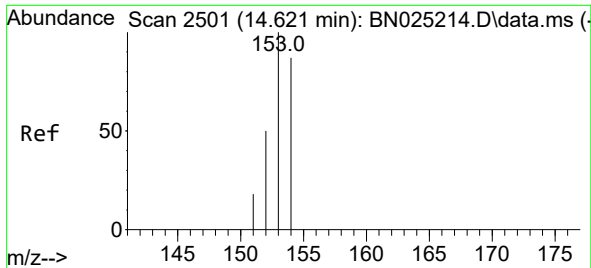


#10
 Acenaphthylene
 Concen: 0.176 ng/ul
 RT: 14.280 min Scan# 2427
 Delta R.T. -0.004 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47



Tgt Ion:152 Resp: 13533
 Ion Ratio Lower Upper
 152 100
 151 22.5 16.0 24.0
 153 16.0 10.8 16.2



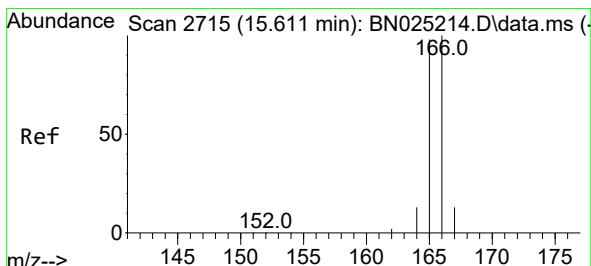
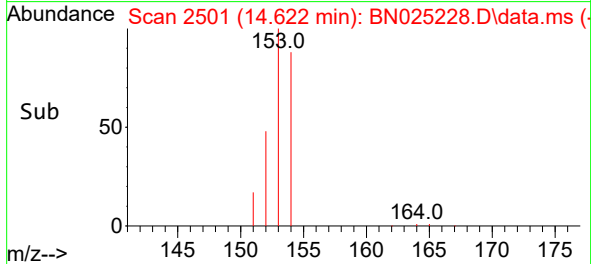
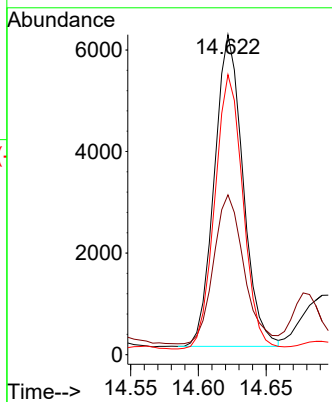
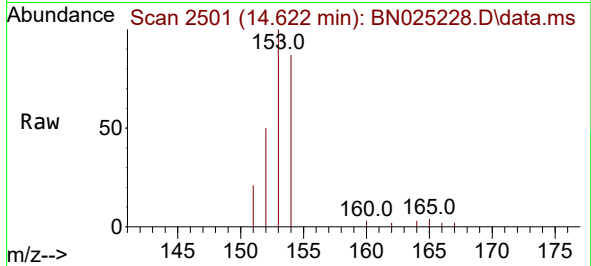


#11
 Acenaphthene
 Concen: 0.139 ng/u1
 RT: 14.622 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL

Tgt Ion:153 Resp: 9014

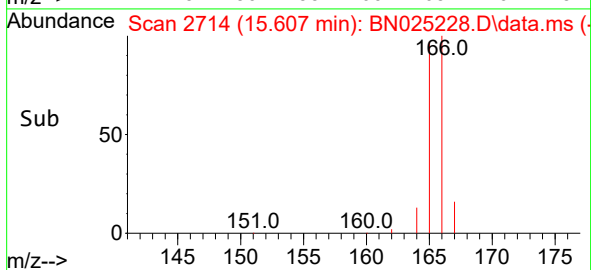
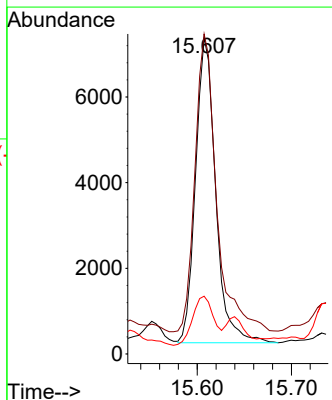
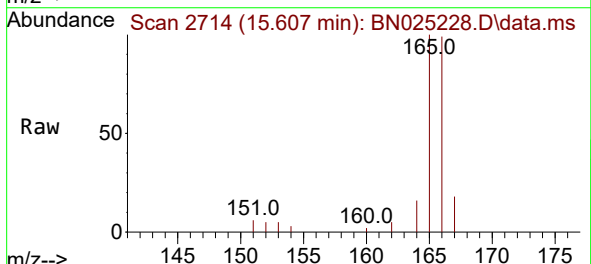
Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.2	60.4
154	87.5	69.4	104.2

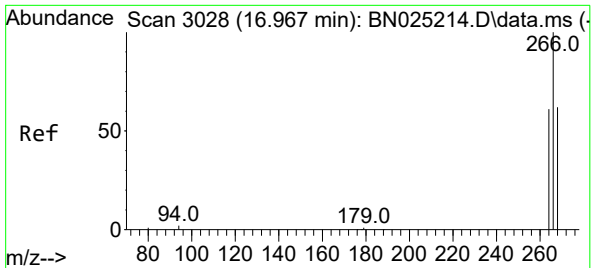


#12
 Fluorene
 Concen: 0.145 ng/u1
 RT: 15.607 min Scan# 2714
 Delta R.T. -0.004 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Tgt Ion:166 Resp: 10519

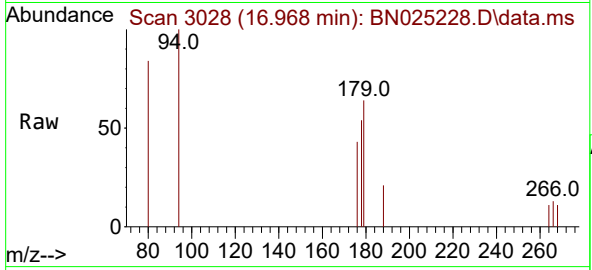
Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.1	117.1
167	18.3	11.0	16.6#





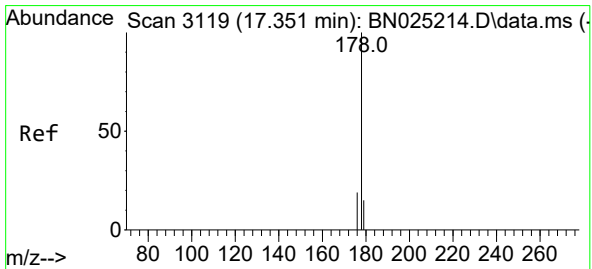
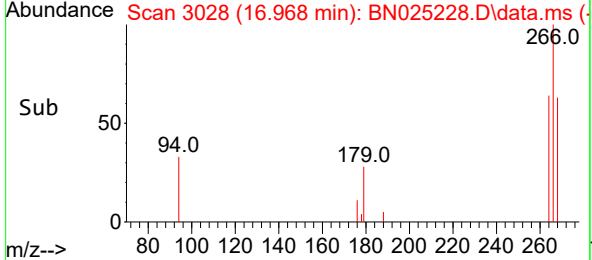
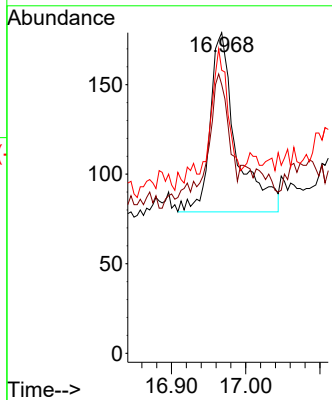
#14
 Pentachlorophenol
 Concen: 0.024 ng/uI
 RT: 16.968 min Scan# 3028
 Delta R.T. 0.001 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument : BNA_N
 ClientSampleId : EW931DL



Tgt Ion:266 Resp: 244

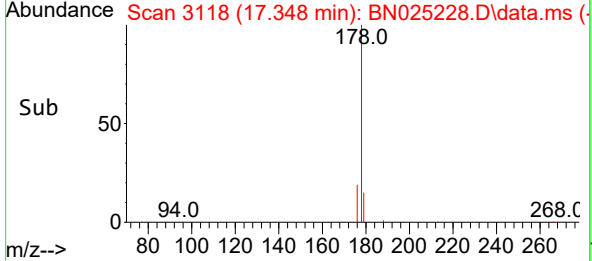
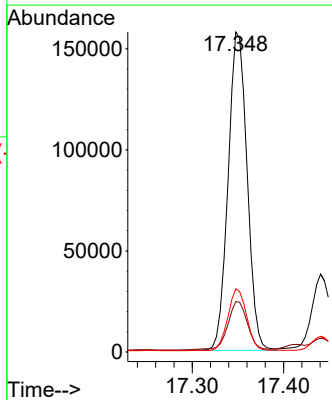
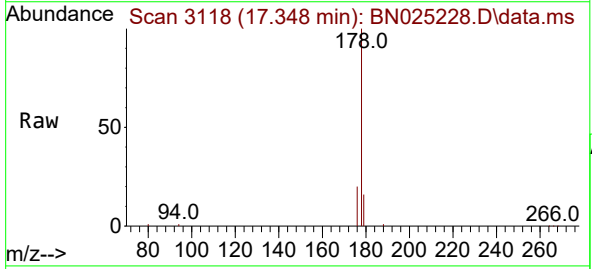
Ion	Ratio	Lower	Upper
266	100		
264	42.6	49.6	74.4#
268	45.1	51.3	76.9#

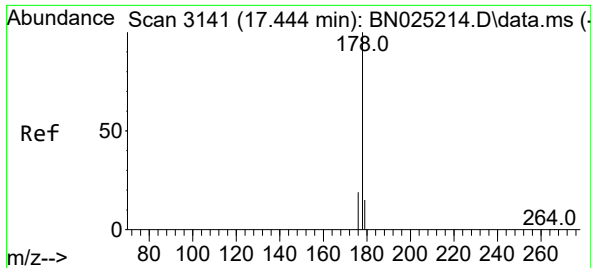


#15
 Phenanthrene
 Concen: 1.547 ng/uI
 RT: 17.348 min Scan# 3118
 Delta R.T. -0.003 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Tgt Ion:178 Resp: 227993

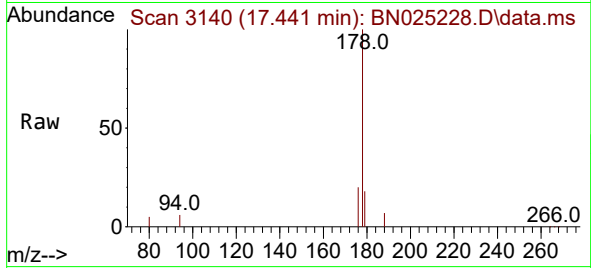
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.8	15.6	23.4



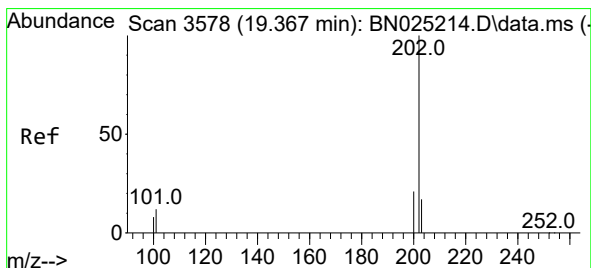
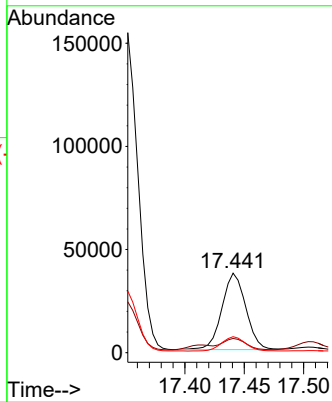
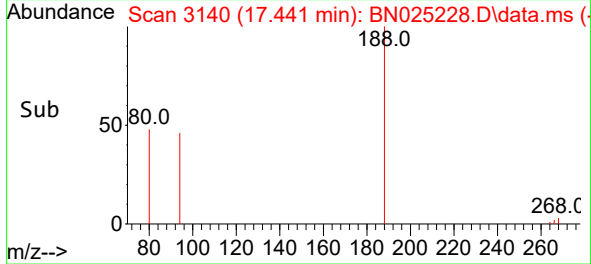


#16
 Anthracene
 Concen: 0.431 ng/u1
 RT: 17.441 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument :
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 EW931DL

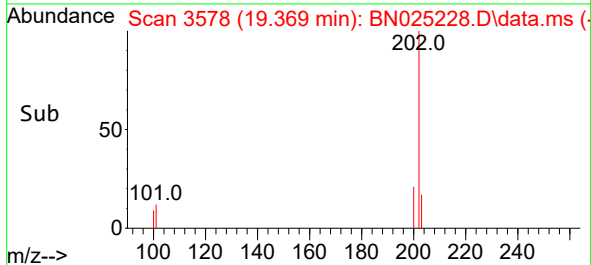
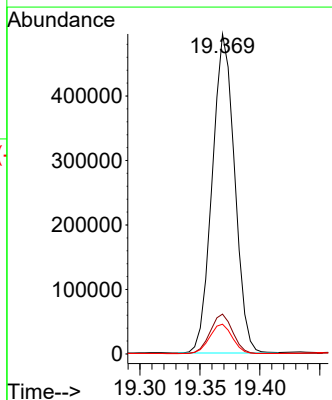
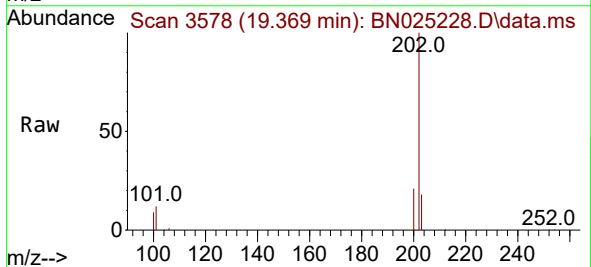


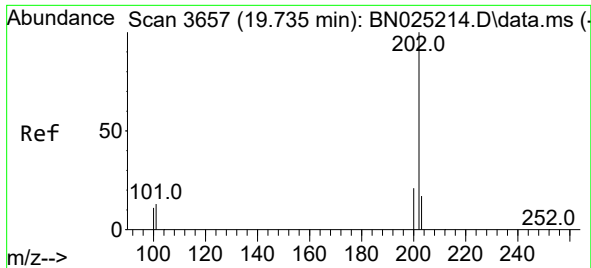
Tgt Ion:178 Resp: 51956
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.7 19.1
 176 20.1 15.3 22.9



#19
 Fluoranthene
 Concen: 4.591 ng/u1
 RT: 19.369 min Scan# 3578
 Delta R.T. 0.001 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Tgt Ion:202 Resp: 643152
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.7 14.5
 100 9.3 7.3 10.9

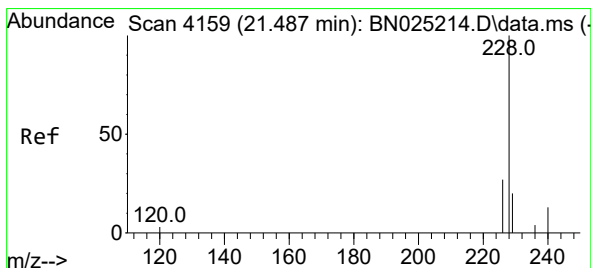
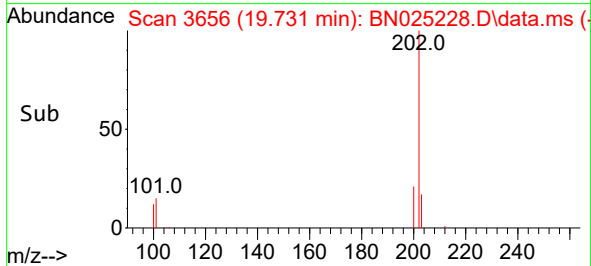
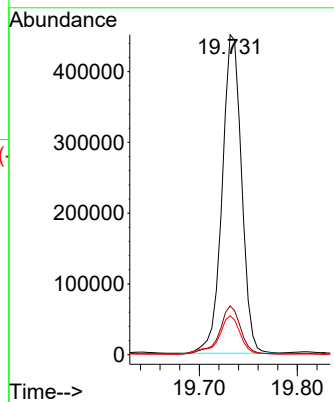
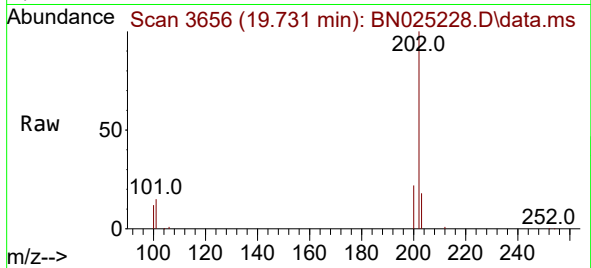




#20
 Pyrene
 Concen: 4.312 ng/ul
 RT: 19.731 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

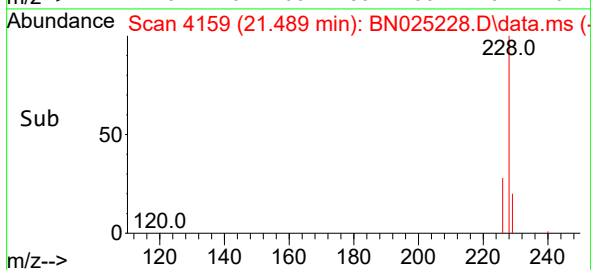
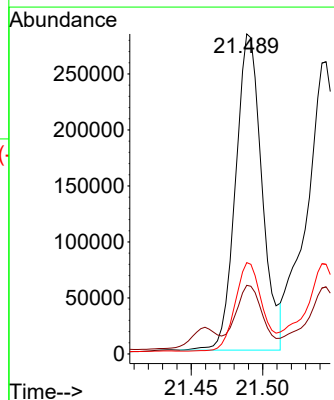
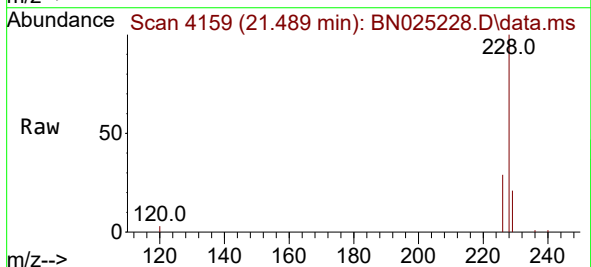
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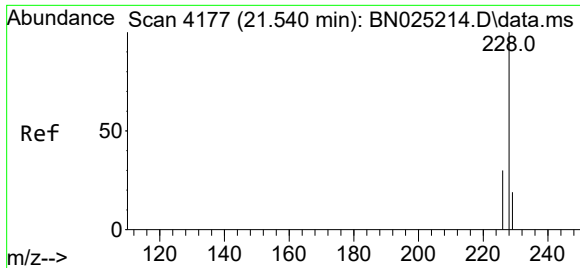
Tgt Ion:202 Resp: 620565
 Ion Ratio Lower Upper
 202 100
 101 15.3 11.3 16.9
 100 12.2 9.2 13.8



#21
 Benzo(a)anthracene
 Concen: 3.111 ng/ul
 RT: 21.489 min Scan# 4159
 Delta R.T. 0.001 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

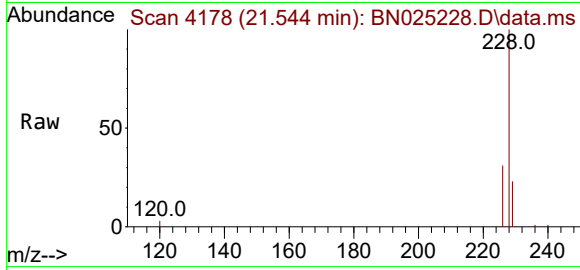
Tgt Ion:228 Resp: 363103
 Ion Ratio Lower Upper
 228 100
 229 21.5 15.6 23.4
 226 28.5 22.1 33.1



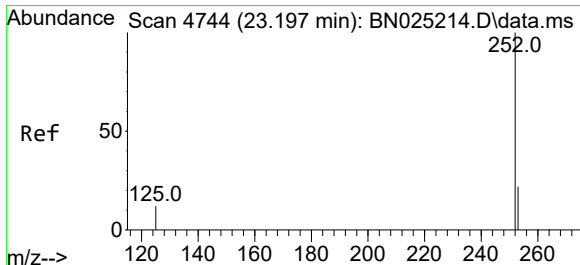
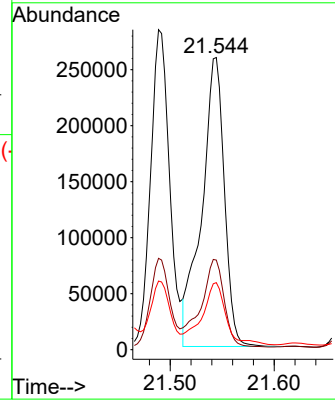
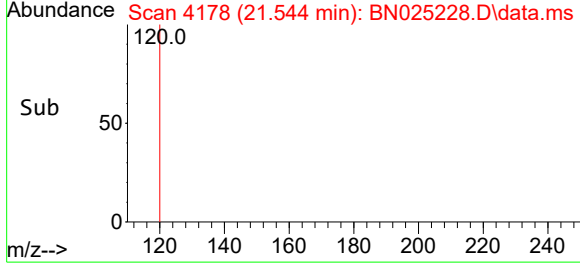


#22
 Chrysene
 Concen: 3.066 ng/u1
 RT: 21.544 min Scan# 4178
 Delta R.T. 0.004 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

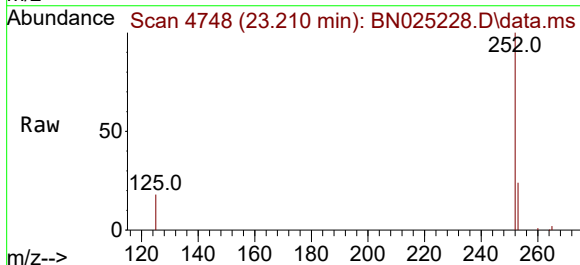
Instrument : BNA_N
 ClientSampleId : EW931DL



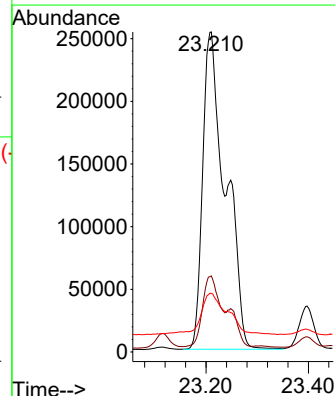
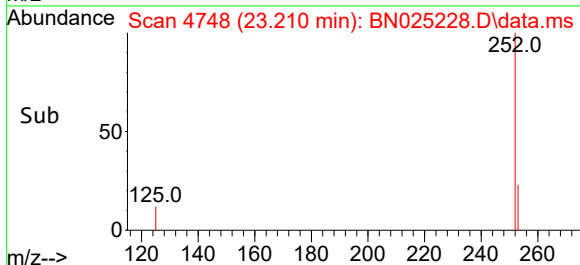
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 Ion Ratio Lower Upper
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 226 30.7 24.5 36.7
 229 22.9 15.8 23.6

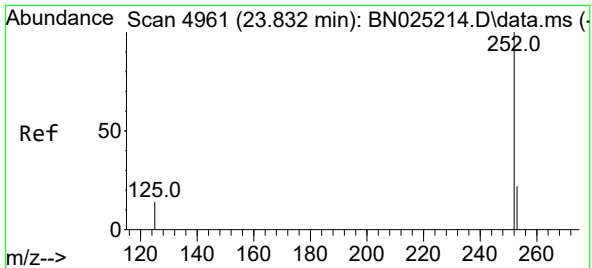


#24
 Benzo(b)fluoranthene
 Concen: 5.648 ng/u1
 RT: 23.210 min Scan# 4748
 Delta R.T. 0.013 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47



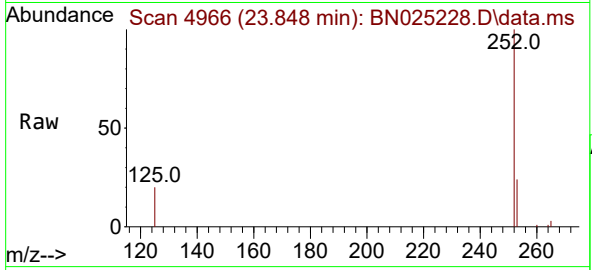
Tgt Ion:252 Resp: 785073
 Ion Ratio Lower Upper
 252 100
 253 23.8 0.0 50.2
 125 18.3 0.0 30.4





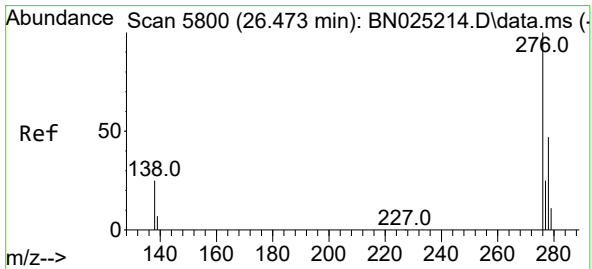
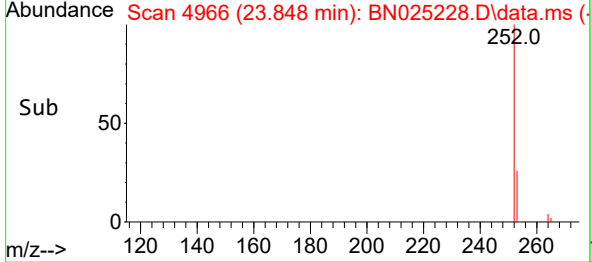
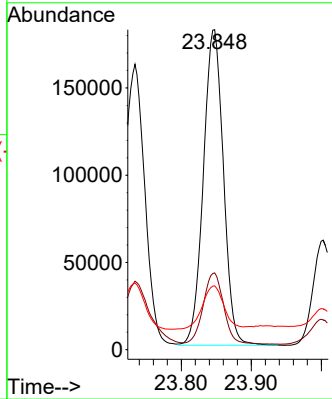
#26
 Benzo(a)pyrene
 Concen: 3.133 ng/u1
 RT: 23.848 min Scan# 4966
 Delta R.T. 0.016 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL



Tgt Ion:252 Resp: 360289

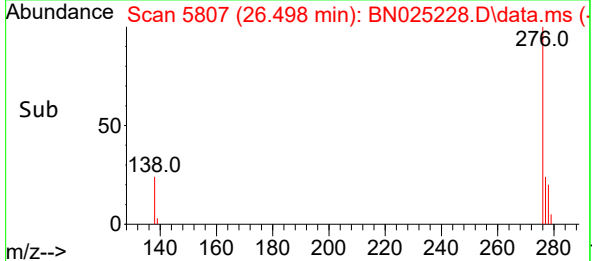
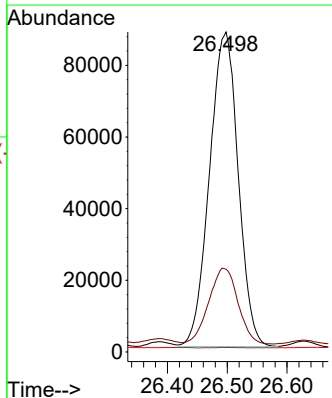
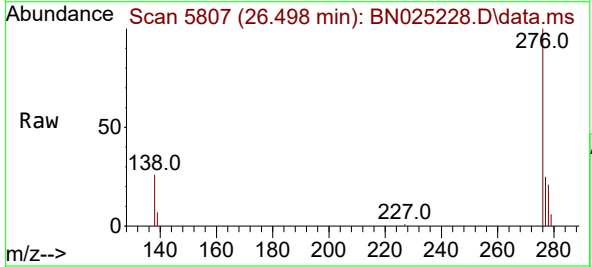
Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.4	32.2
125	20.0	14.6	22.0

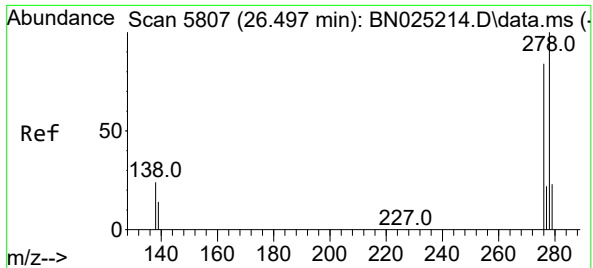


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.207 ng/u1
 RT: 26.498 min Scan# 5807
 Delta R.T. 0.025 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Tgt Ion:276 Resp: 292369

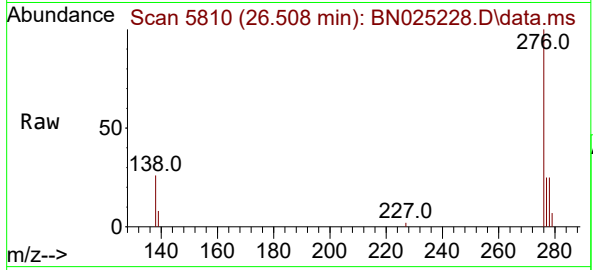
Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.9	32.9
227	0.1	0.1	0.1



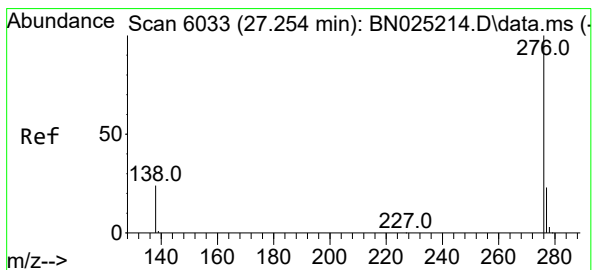
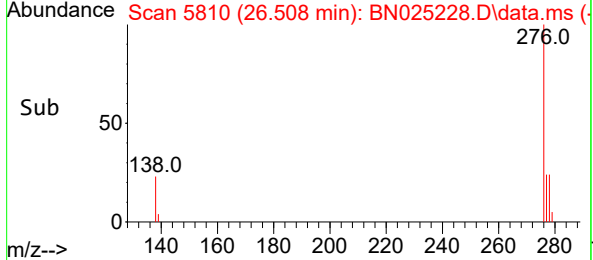
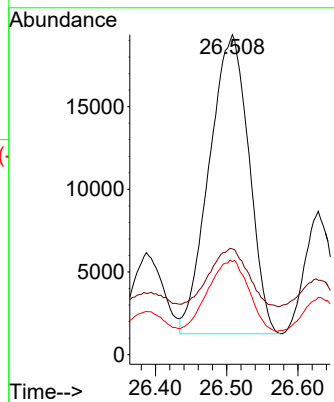


#28
 Dibenzo(a,h)anthracene
 Concen: 0.677 ng/ul
 RT: 26.508 min Scan# 5810
 Delta R.T. 0.011 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL



Tgt Ion:278 Resp: 70019
 Ion Ratio Lower Upper
 278 100
 139 33.0 17.0 25.6#
 279 29.1 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 2.542 ng/ul
 RT: 27.276 min Scan# 6039
 Delta R.T. 0.022 min
 Lab File: BN025228.D
 Acq: 02 May 2023 19:47

Tgt Ion:276 Resp: 286371
 Ion Ratio Lower Upper
 276 100
 138 26.3 20.3 30.5
 277 24.7 19.8 29.6

