

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025255.D
 Acq On : 04 May 2023 00:29
 Operator : CG/JU
 Sample : 02447-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW913

Quant Time: May 04 04:32:19 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

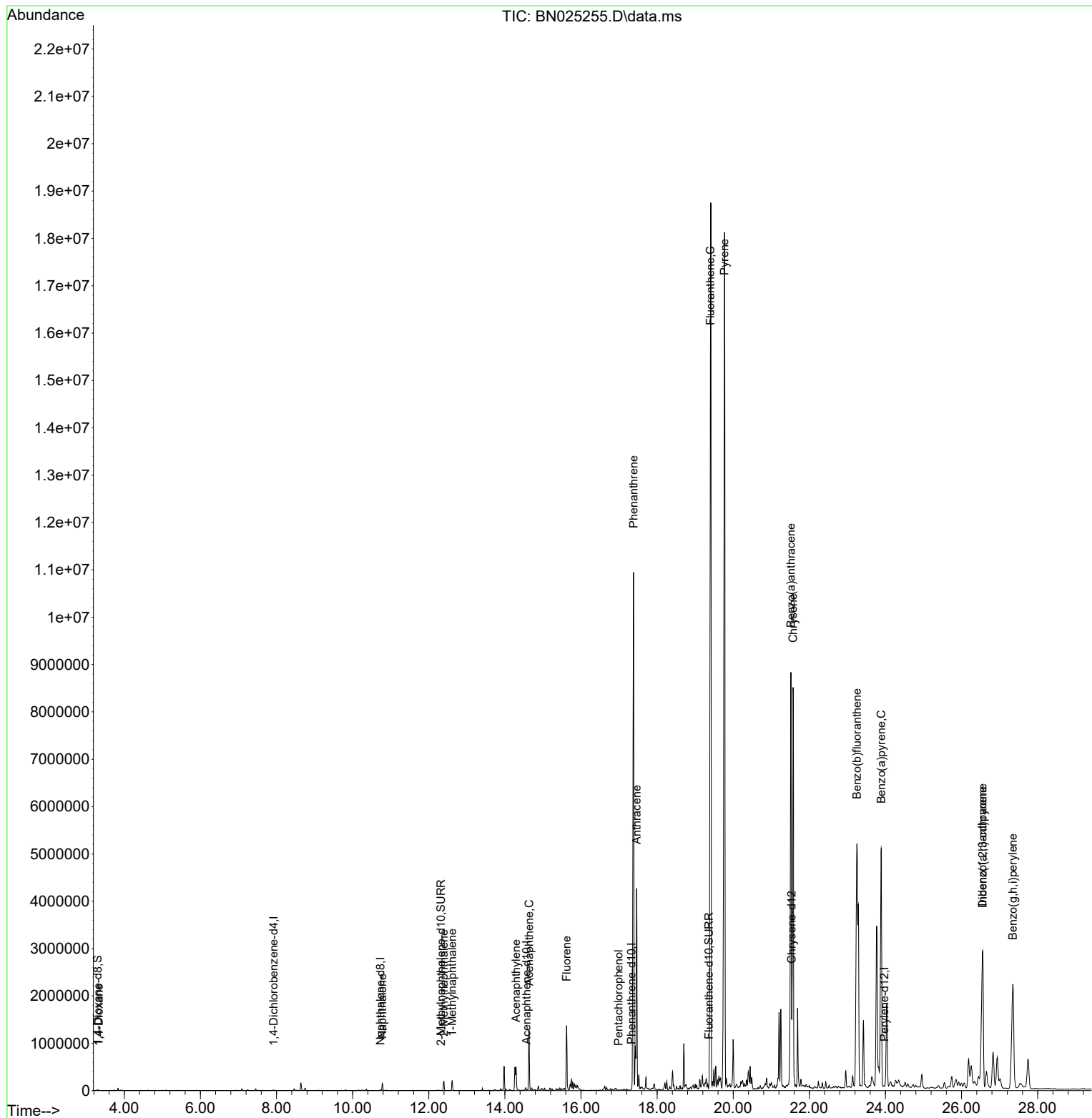
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6938	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	22349	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	15452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	34404	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.534	240	19165	0.400	ng/ul	# 0.03
23) Perylene-d12	23.975	264	37166	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	11340	1.579	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	4098	0.143	ng/ul	0.01
18) Fluoranthene-d10	19.363	212	10270	0.203	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	504	0.065	ng/ul#	1
5) Naphthalene	10.780	128	204153	3.565	ng/ul	100
7) 2-Methylnaphthalene	12.397	142	136204	3.883	ng/ul	99
8) 1-Methylnaphthalene	12.617	142	144151	3.856	ng/ul	100
10) Acenaphthylene	14.292	152	610967	10.614	ng/ul	99
11) Acenaphthene	14.635	153	710421	14.641	ng/ul	97
12) Fluorene	15.620	166	873348	16.100	ng/ul	99
14) Pentachlorophenol	16.988	266	619	0.092	ng/ul	92
15) Phenanthrene	17.380	178	13383771	137.821	ng/ul	98
16) Anthracene	17.465	178	4548987	57.261	ng/ul	100
19) Fluoranthene	19.400	202	19465872	280.876	ng/ul#	89
20) Pyrene	19.767	202	18330771	257.432	ng/ul#	88
21) Benzo(a)anthracene	21.516	228	9466559	163.919	ng/ul	95
22) Chrysene	21.575	228	9360683	148.584	ng/ul	94
24) Benzo(b)fluoranthene	23.250	252	15335430	101.703	ng/ul	97
26) Benzo(a)pyrene	23.887	252	8267835	66.271	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.553	276	5468601	38.044	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.550	278	1394383	12.419	ng/ul	99
29) Benzo(g,h,i)perylene	27.345	276	5390950	44.106	ng/ul	99

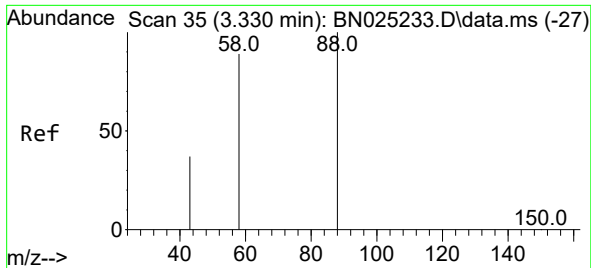
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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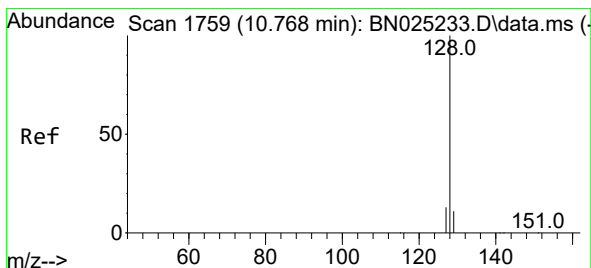
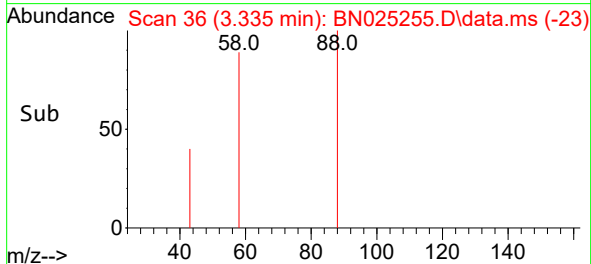
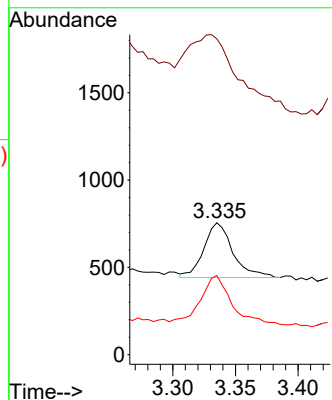
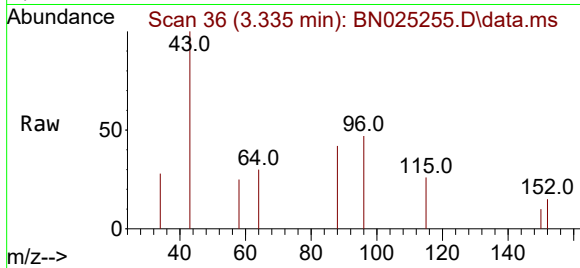




#2
 1,4-Dioxane
 Concen: 0.065 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

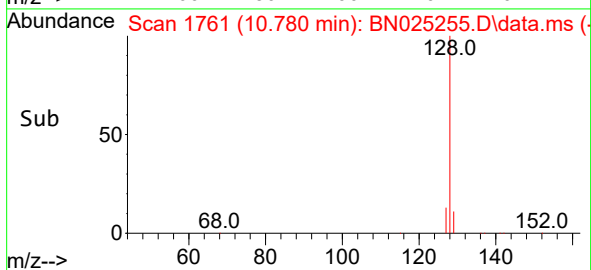
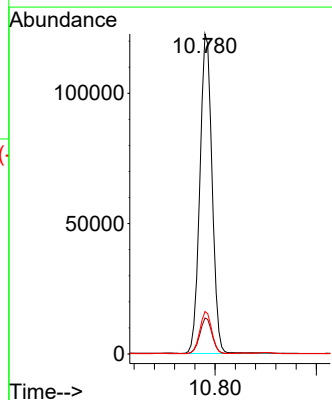
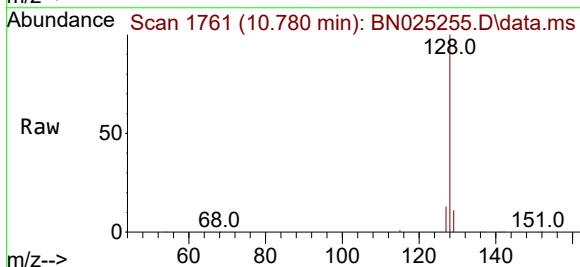
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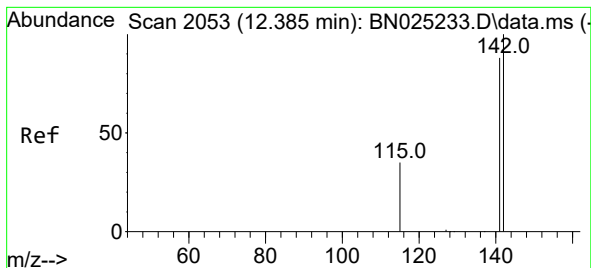
Tgt Ion: 88 Resp: 504
 Ion Ratio Lower Upper
 88 100
 43 239.3 37.0 55.4#
 58 60.1 56.9 85.3



#5
 Naphthalene
 Concen: 3.565 ng/ul
 RT: 10.780 min Scan# 1761
 Delta R.T. 0.012 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

Tgt Ion: 128 Resp: 204153
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.3 10.7 16.1

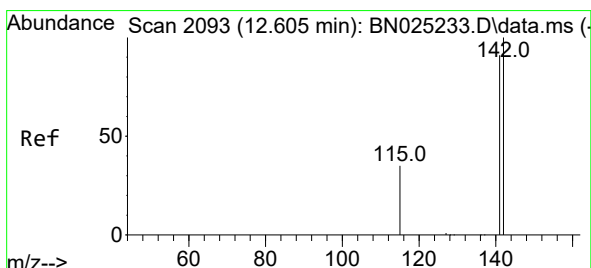
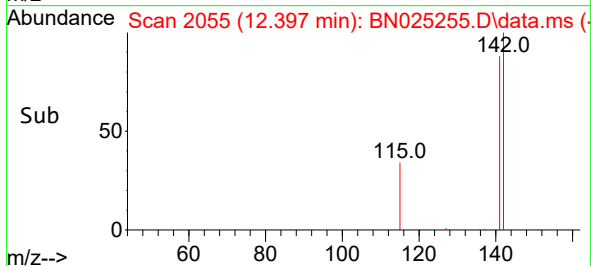
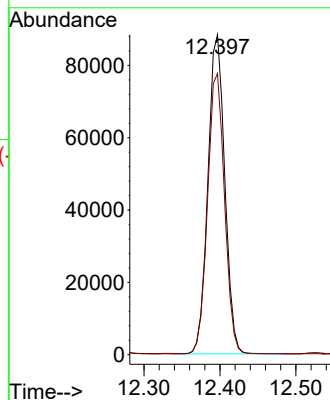
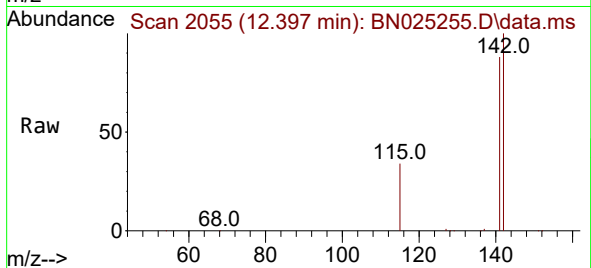




#7
2-Methylnaphthalene
Concen: 3.883 ng/ul
RT: 12.397 min Scan# 2055
Delta R.T. 0.012 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

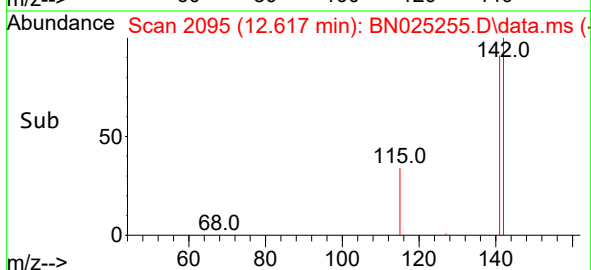
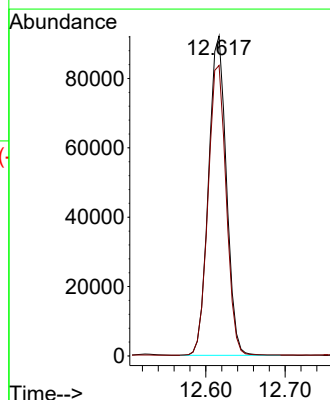
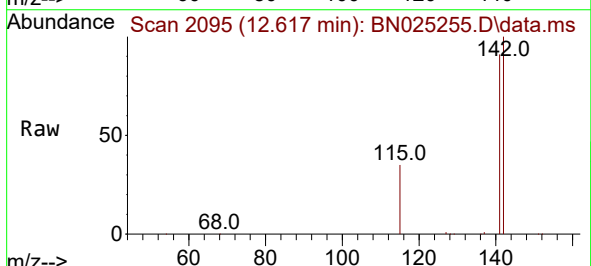
Instrument :
BNA_N
ClientSampleId :
EW913

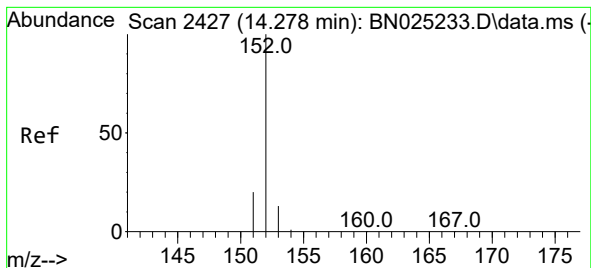
Tgt Ion:142 Resp: 136204
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 3.856 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

Tgt Ion:142 Resp: 144151
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#10

Acenaphthylene

Concen: 10.614 ng/ul

RT: 14.292 min Scan# 2430

Delta R.T. 0.014 min

Lab File: BN025255.D

Acq: 04 May 2023 00:29

Instrument :

BNA_N

ClientSampleId :

EW913

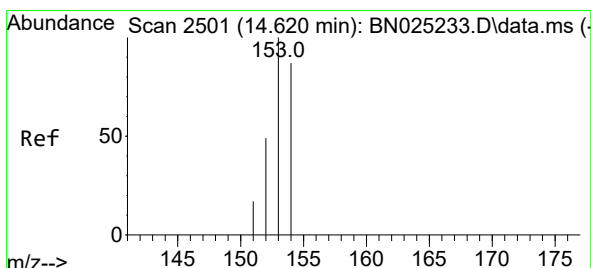
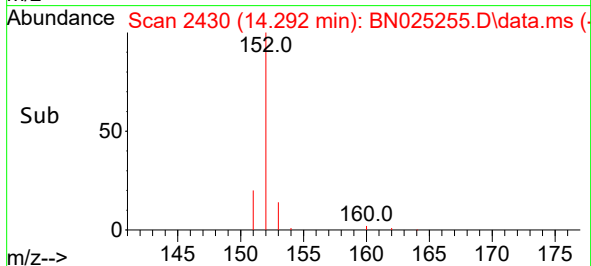
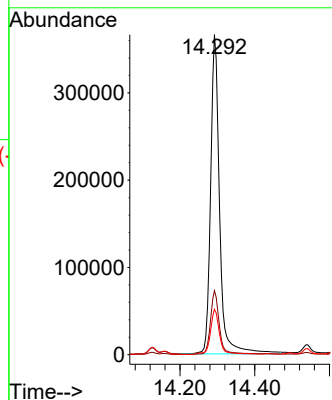
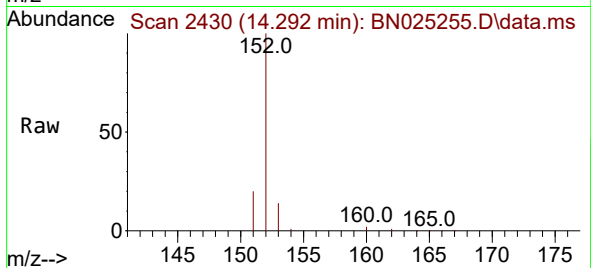
Tgt Ion:152 Resp: 610967

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 14.2 10.8 16.2



#11

Acenaphthene

Concen: 14.641 ng/ul

RT: 14.635 min Scan# 2504

Delta R.T. 0.014 min

Lab File: BN025255.D

Acq: 04 May 2023 00:29

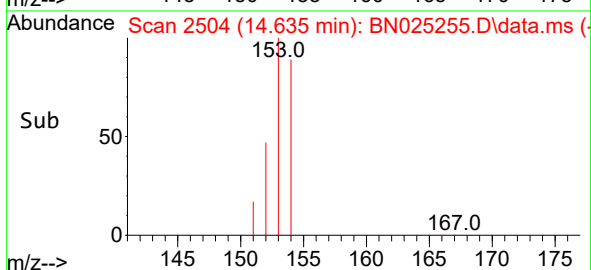
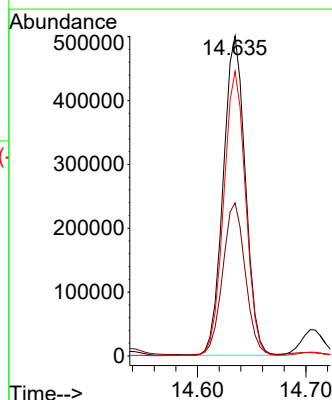
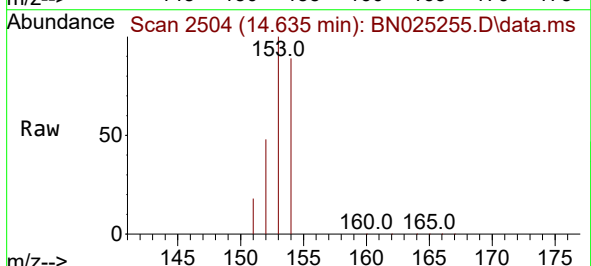
Tgt Ion:153 Resp: 710421

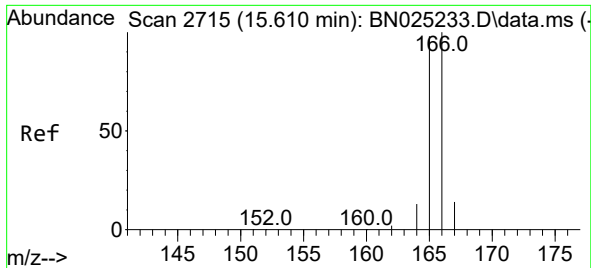
Ion Ratio Lower Upper

153 100

152 47.9 40.2 60.4

154 88.9 69.4 104.2

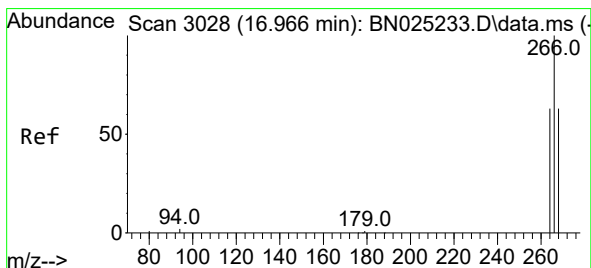
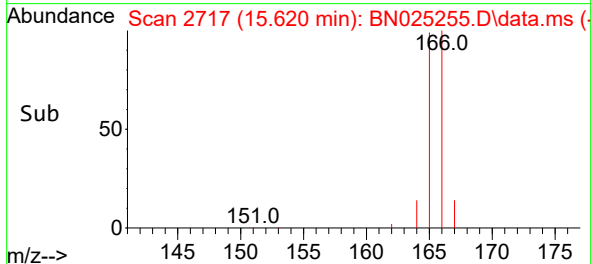
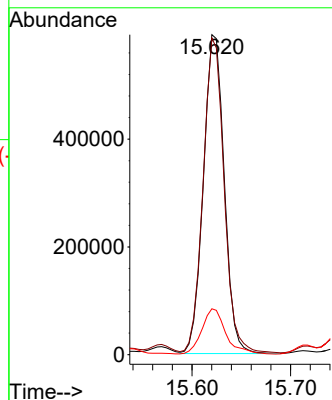
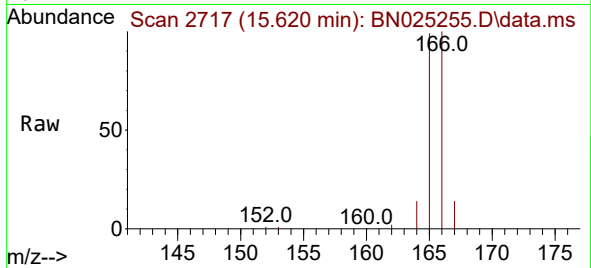




#12
 Fluorene
 Concen: 16.100 ng/ul
 RT: 15.620 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

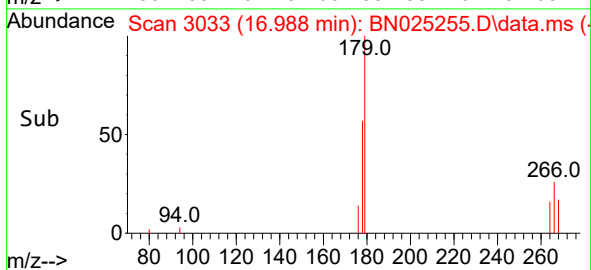
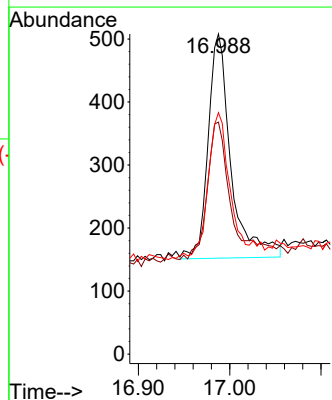
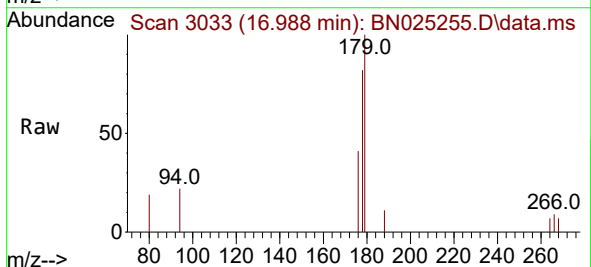
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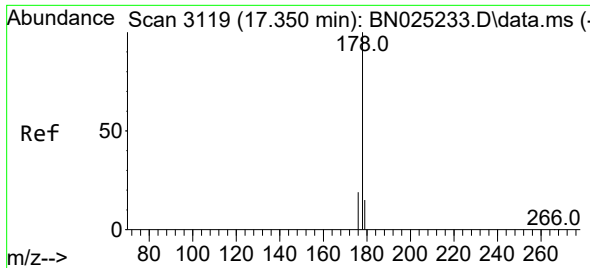
Tgt Ion:166 Resp: 873348
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.1 117.1
 167 14.4 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.092 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. 0.022 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

Tgt Ion:266 Resp: 619
 Ion Ratio Lower Upper
 266 100
 264 70.0 49.6 74.4
 268 68.2 51.3 76.9





#15

Phenanthrene

Concen: 137.821 ng/ul

RT: 17.380 min Scan# 3119

Delta R.T. 0.030 min

Lab File: BN025255.D

Acq: 04 May 2023 00:29

Instrument :

BNA_N

ClientSampleId :

EW913

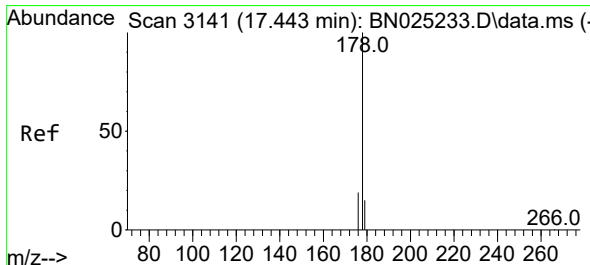
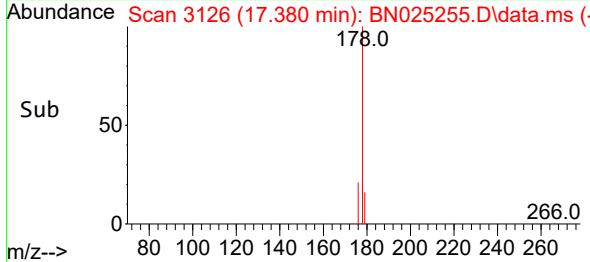
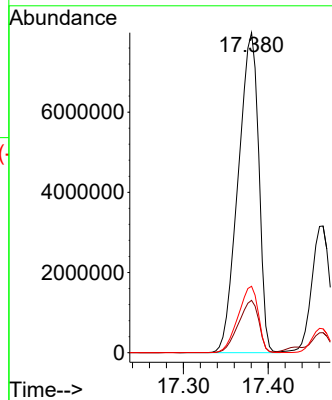
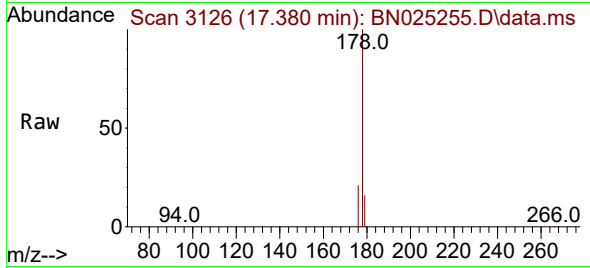
Tgt Ion:178 Resp:13383771

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

176 20.7 15.6 23.4



#16

Anthracene

Concen: 57.261 ng/ul

RT: 17.465 min Scan# 3146

Delta R.T. 0.022 min

Lab File: BN025255.D

Acq: 04 May 2023 00:29

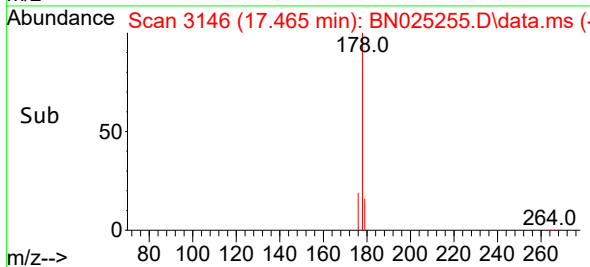
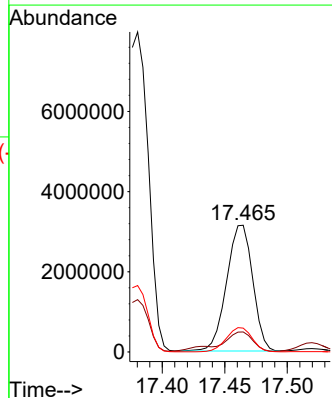
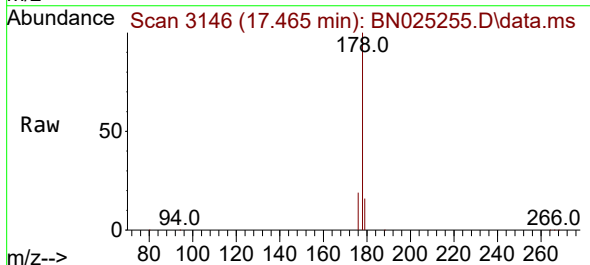
Tgt Ion:178 Resp: 4548987

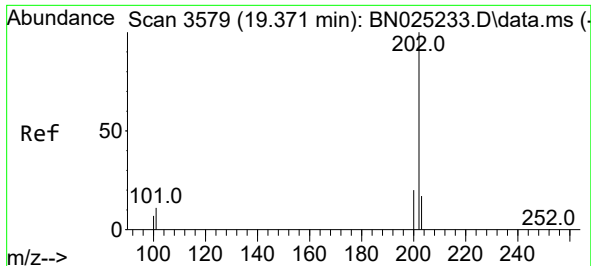
Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

176 18.8 15.3 22.9

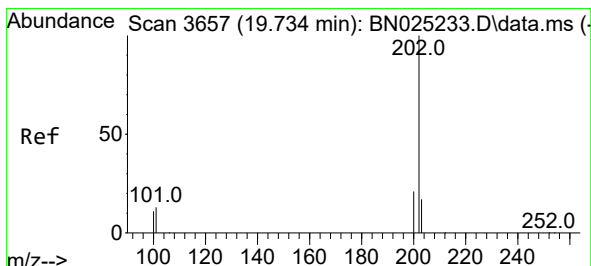
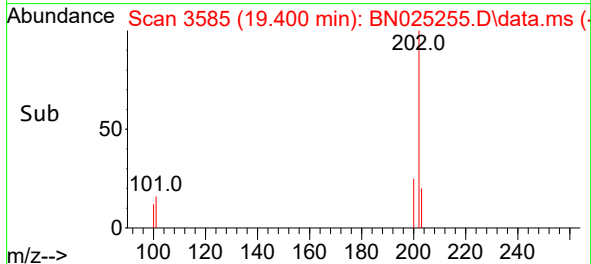
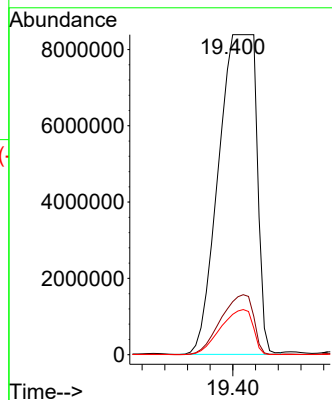
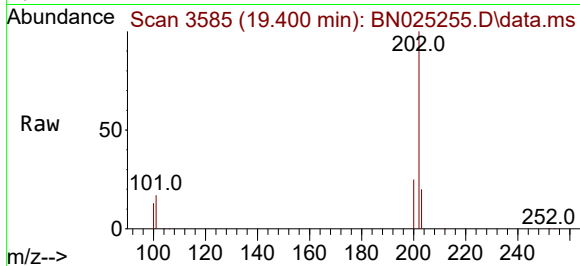




#19
Fluoranthene
Concen: 280.876 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.028 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

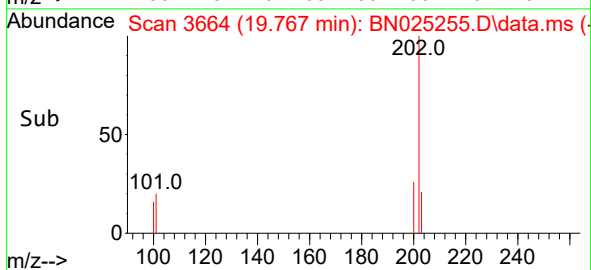
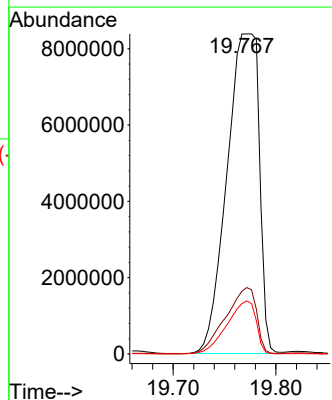
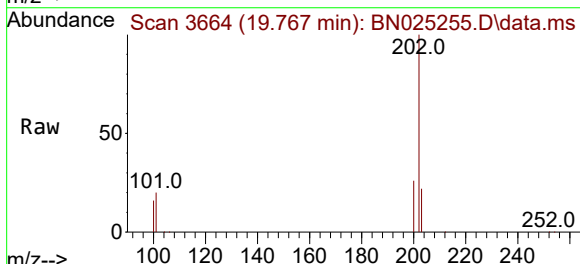
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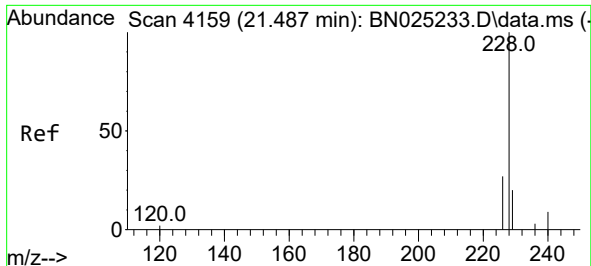
Tgt Ion:202 Resp:19465872
Ion Ratio Lower Upper
202 100
101 16.6 9.7 14.5#
100 12.6 7.3 10.9#



#20
Pyrene
Concen: 257.432 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. 0.033 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

Tgt Ion:202 Resp:18330771
Ion Ratio Lower Upper
202 100
101 19.6 11.3 16.9#
100 15.7 9.2 13.8#

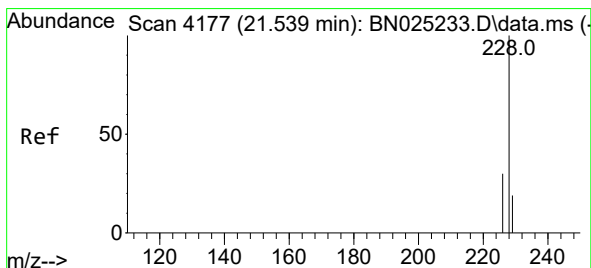
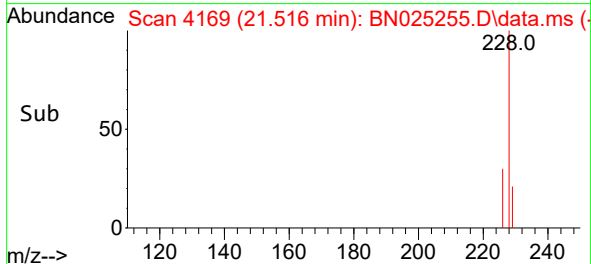
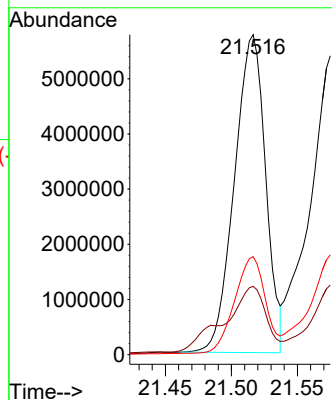
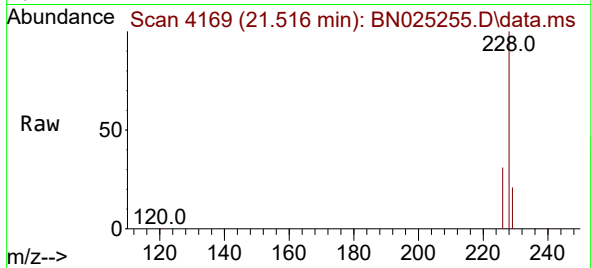




#21
Benzo(a)anthracene
Concen: 163.919 ng/ul
RT: 21.516 min Scan# 4169
Delta R.T. 0.030 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

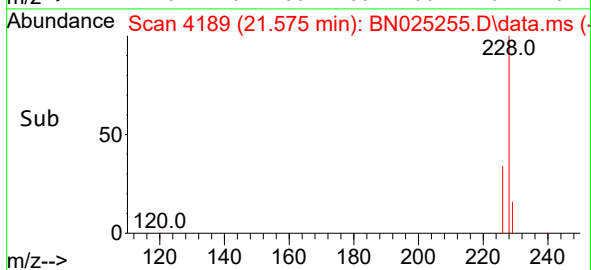
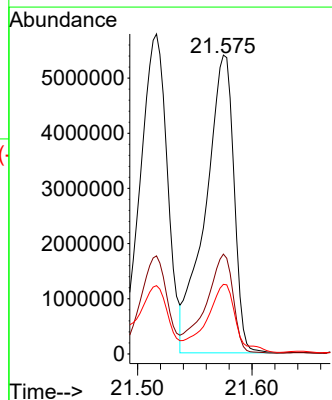
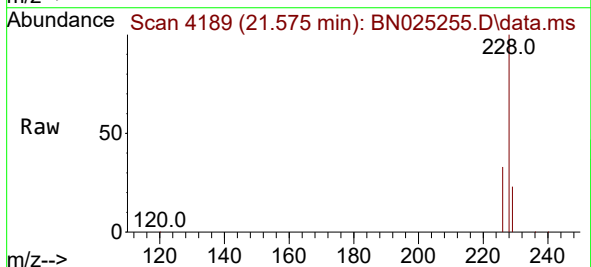
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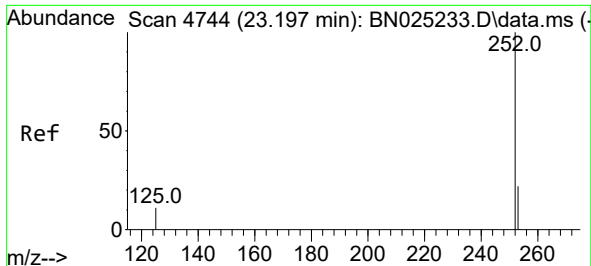
Tgt Ion:228 Resp: 9466559
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 30.6 22.1 33.1



#22
Chrysene
Concen: 148.584 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. 0.036 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

Tgt Ion:228 Resp: 9360683
Ion Ratio Lower Upper
228 100
226 33.4 24.5 36.7
229 23.3 15.8 23.6

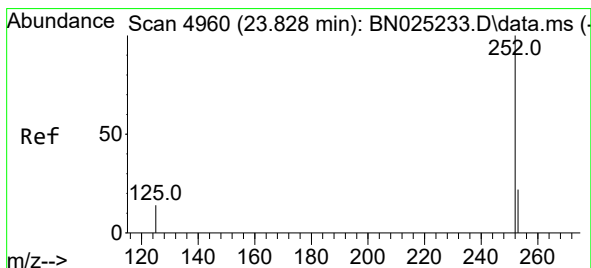
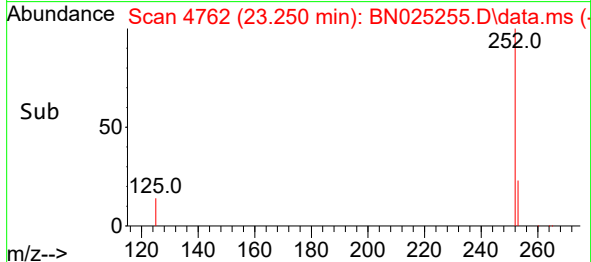
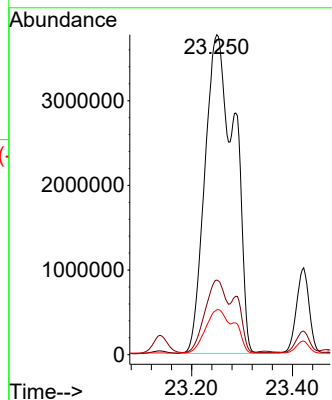
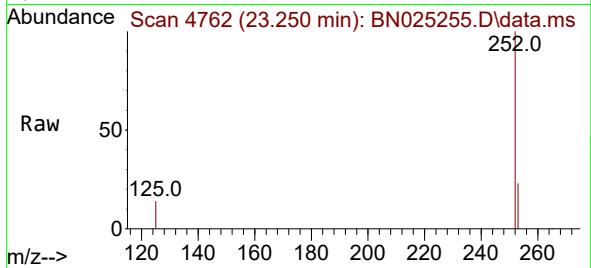




#24
Benzo(b)fluoranthene
Concen: 101.703 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. 0.053 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

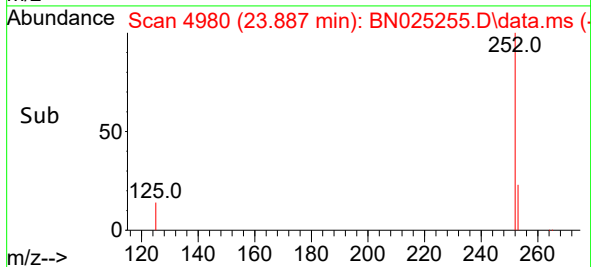
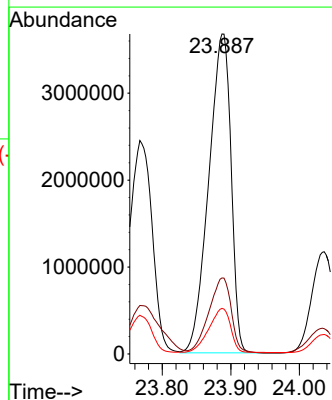
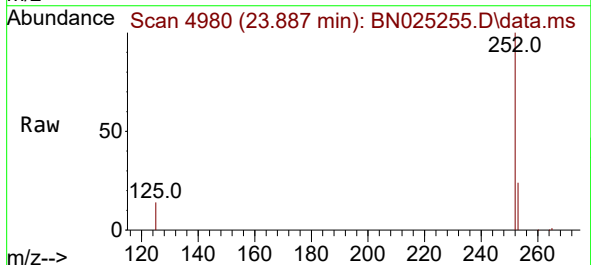
Instrument :
BNA_N
ClientSampleId :
EW913

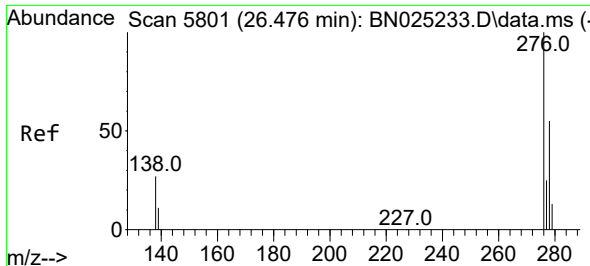
Tgt Ion:252 Resp:15335430
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 14.0 0.0 30.4



#26
Benzo(a)pyrene
Concen: 66.271 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. 0.059 min
Lab File: BN025255.D
Acq: 04 May 2023 00:29

Tgt Ion:252 Resp: 8267835
Ion Ratio Lower Upper
252 100
253 23.8 21.4 32.2
125 14.2 14.6 22.0#

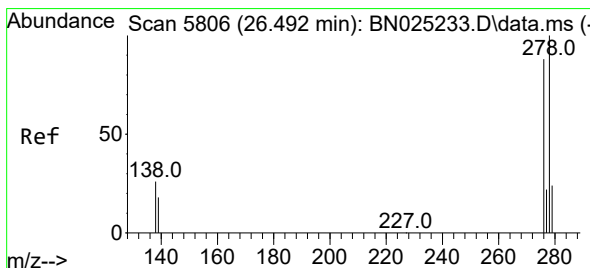
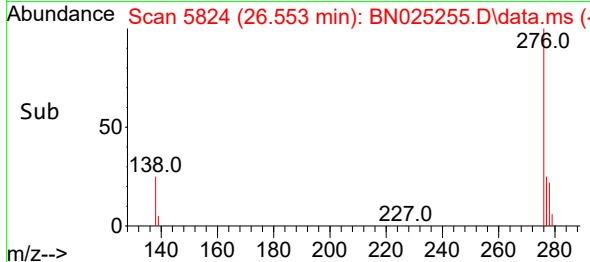
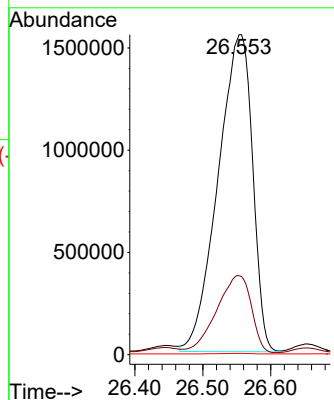
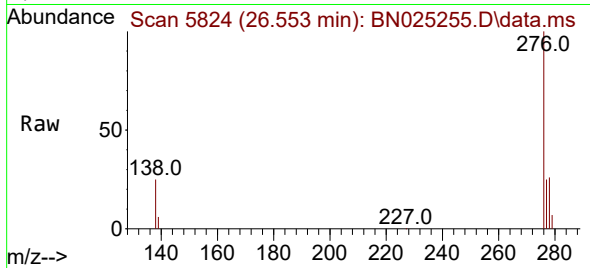




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 38.044 ng/ul
 RT: 26.553 min Scan# 5824
 Delta R.T. 0.078 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

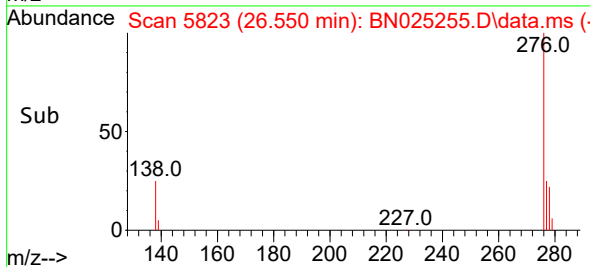
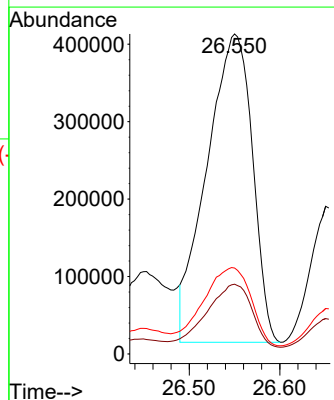
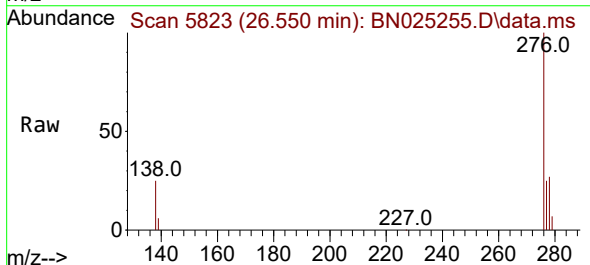
Instrument :
 BNA_N
 ClientSampleId :
 EW913

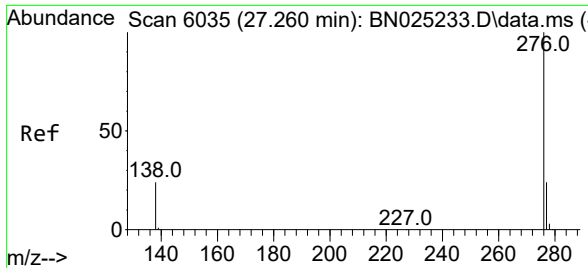
Tgt Ion:276 Resp: 5468601
 Ion Ratio Lower Upper
 276 100
 138 24.4 21.9 32.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 12.419 ng/ul
 RT: 26.550 min Scan# 5823
 Delta R.T. 0.058 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

Tgt Ion:278 Resp: 1394383
 Ion Ratio Lower Upper
 278 100
 139 21.8 17.0 25.6
 279 26.9 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 44.106 ng/ul
 RT: 27.345 min Scan# 60
 Delta R.T. 0.084 min
 Lab File: BN025255.D
 Acq: 04 May 2023 00:29

Instrument :
 BNA_N
 ClientSampleId :
 EW913

Tgt Ion:276 Resp: 5390950

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.3	30.5
277	24.5	19.8	29.6

