

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025026.D
 Acq On : 20 Apr 2023 07:09
 Operator : CG/JU
 Sample : SSTD3.299
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:47:54 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 : Thu Apr 20 07:43:17 2023
 Response via : Initial Calibration

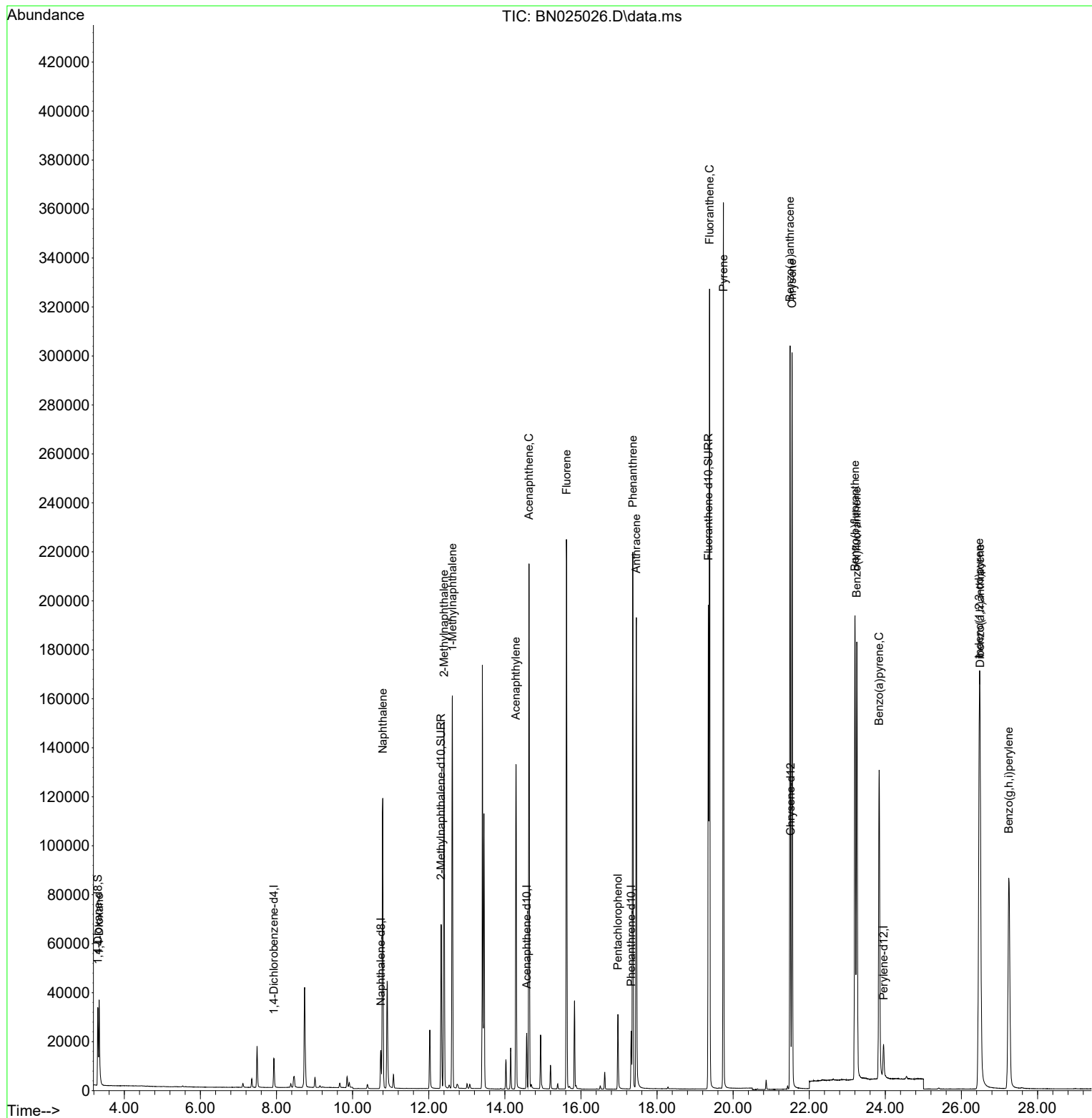
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	6478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	20401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.574	164	12203	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	25898	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	26362	0.400	ng/ul	0.00
23) Perylene-d12	23.954	264	19208	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	20028	2.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	84852	3.240	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	201728	3.081	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	21899	2.810	ng/ul	88
5) Naphthalene	10.791	128	160421	3.085	ng/ul	99
7) 2-Methylnaphthalene	12.402	142	104127	3.221	ng/ul	99
8) 1-Methylnaphthalene	12.622	142	108228	3.157	ng/ul	100
10) Acenaphthylene	14.292	152	153175	3.347	ng/ul	99
11) Acenaphthene	14.634	153	120306	3.067	ng/ul	100
12) Fluorene	15.620	166	138941	3.162	ng/ul	99
14) Pentachlorophenol	16.971	266	20301	3.676	ng/ul	100
15) Phenanthrene	17.363	178	229009	3.138	ng/ul	99
16) Anthracene	17.456	178	211488	3.486	ng/ul	99
19) Fluoranthene	19.381	202	278716	3.070	ng/ul	99
20) Pyrene	19.744	202	282288	3.035	ng/ul	99
21) Benzo(a)anthracene	21.496	228	260302	3.127	ng/ul	99
22) Chrysene	21.548	228	261343	2.900	ng/ul	99
24) Benzo(b)fluoranthene	23.203	252	249520	3.238	ng/ul	93
25) Benzo(k)fluoranthene	23.250	252	246626	3.282	ng/ul	93
26) Benzo(a)pyrene	23.837	252	204371	3.198	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.469	276	243332	3.228	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.490	278	193976	3.276	ng/ul	94
29) Benzo(g,h,i)perylene	27.244	276	198590	3.115	ng/ul	99

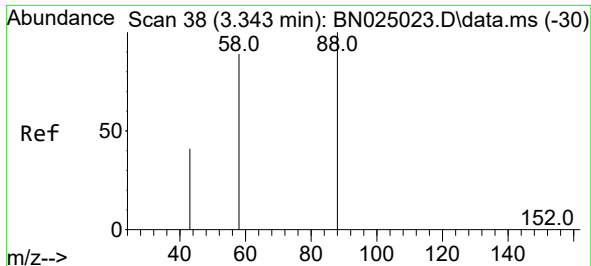
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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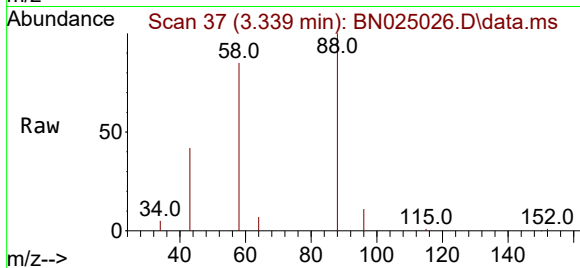
Quant Time: Apr 20 07:47:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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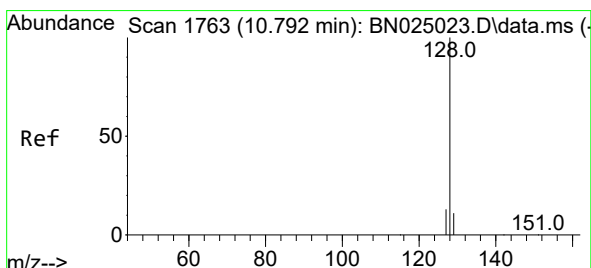
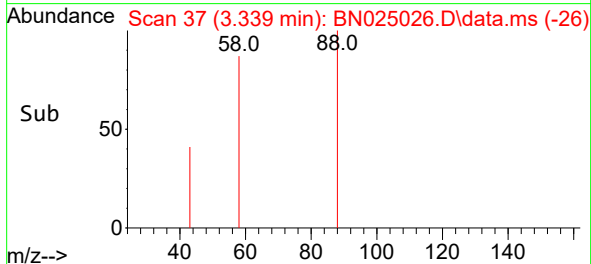
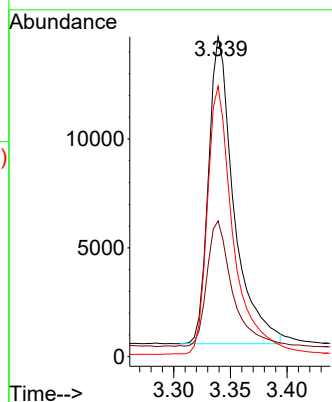
#2
 1,4-Dioxane
 Concen: 2.810 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025026.D
 Acq: 20 Apr 2023 07:09

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 88 Resp: 21899

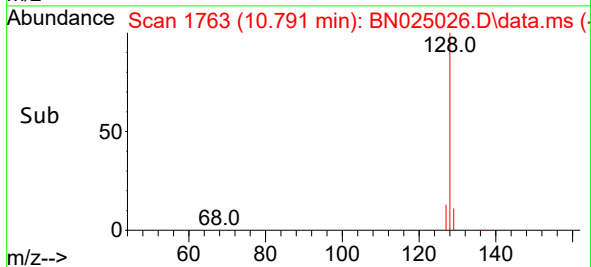
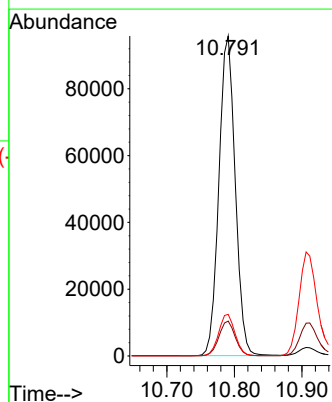
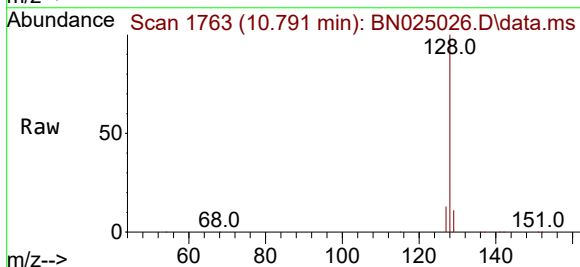
Ion	Ratio	Lower	Upper
88	100		
43	42.4	37.0	55.4
58	84.5	56.9	85.3

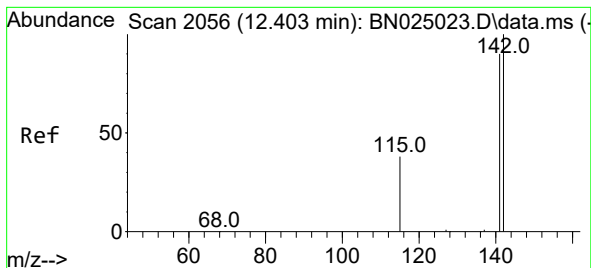


#5
 Naphthalene
 Concen: 3.085 ng/ul
 RT: 10.791 min Scan# 1763
 Delta R.T. -0.001 min
 Lab File: BN025026.D
 Acq: 20 Apr 2023 07:09

Tgt Ion: 128 Resp: 160421

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.7	16.1

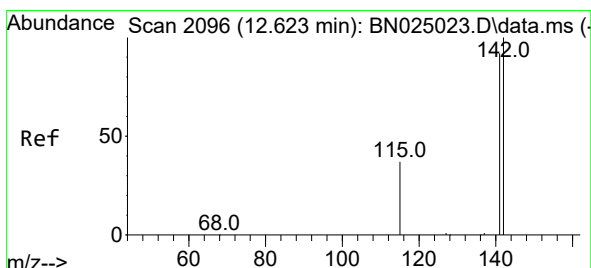
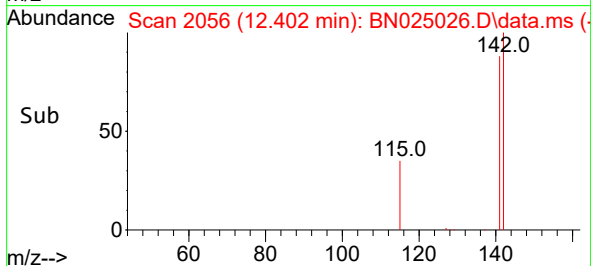
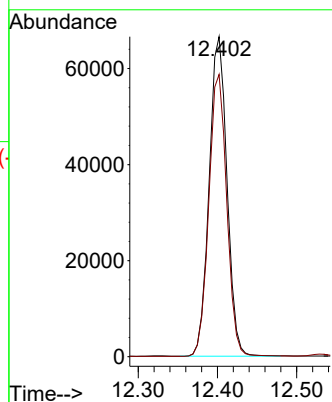
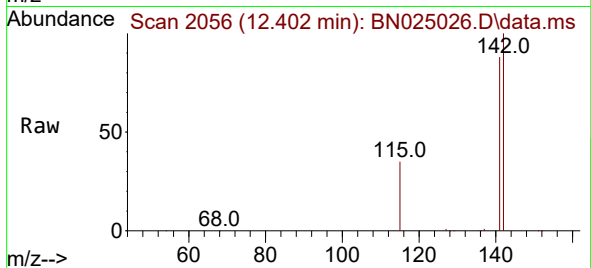




#7
2-Methylnaphthalene
Concen: 3.221 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

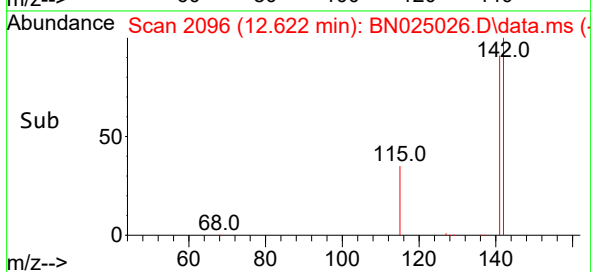
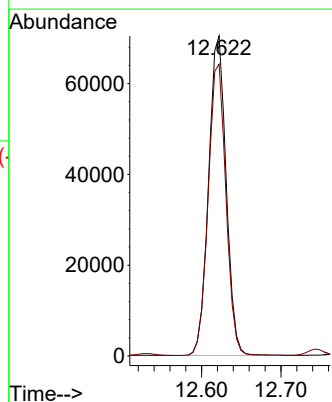
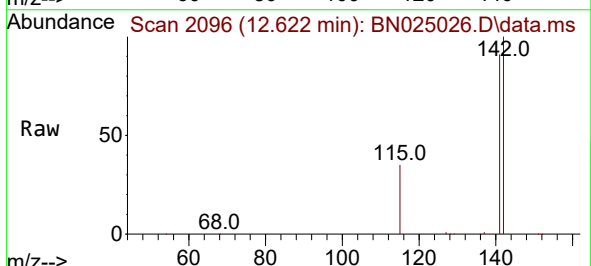
Instrument :
BNA_N
ClientSampleId :

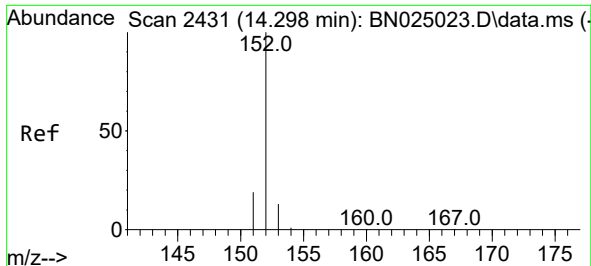
Tgt Ion:142 Resp: 104127
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 3.157 ng/ul
RT: 12.622 min Scan# 2096
Delta R.T. -0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

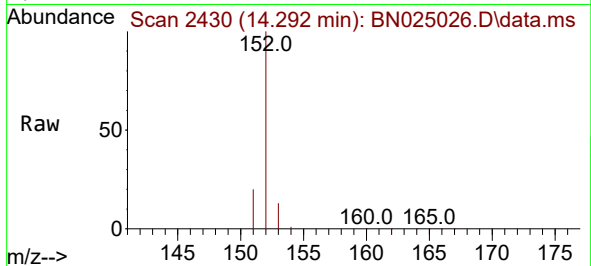
Tgt Ion:142 Resp: 108228
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6



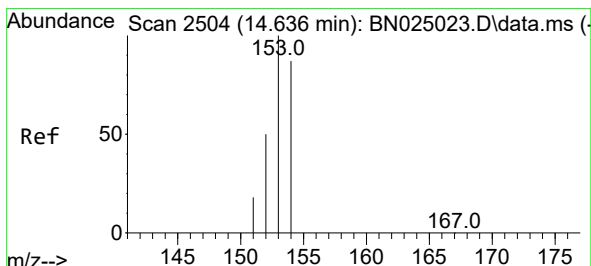
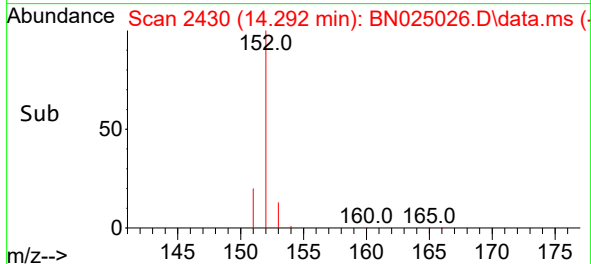
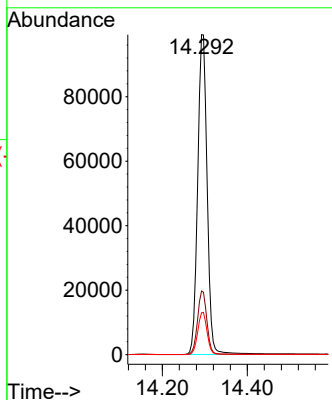


#10
Acenaphthylene
Concen: 3.347 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :

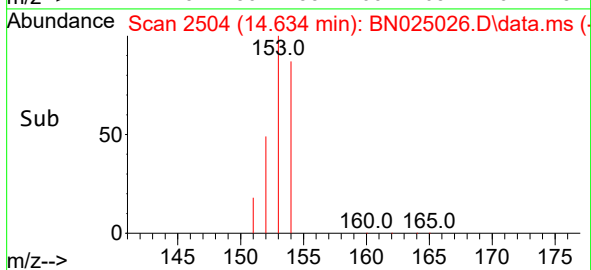
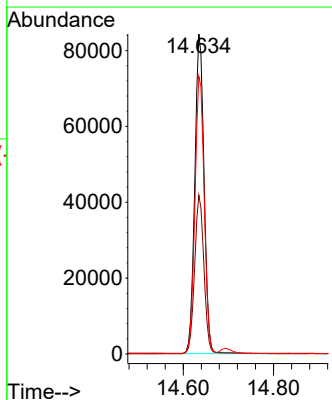
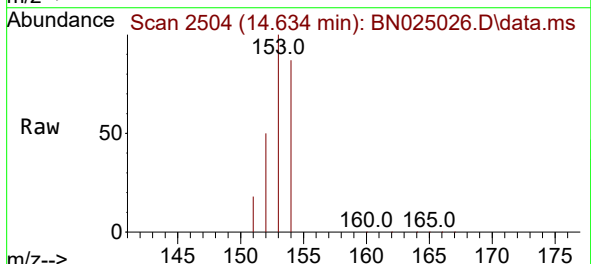


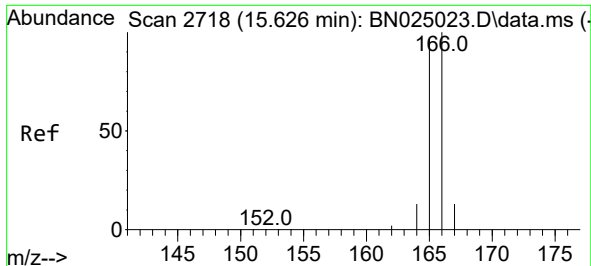
Tgt Ion:152 Resp: 153175
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 3.067 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

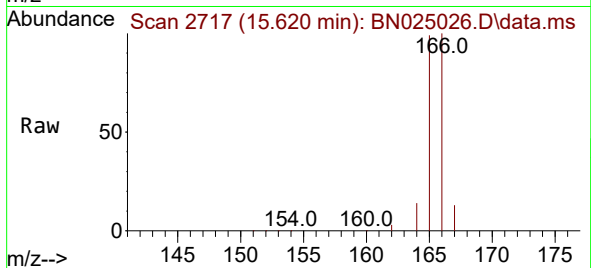
Tgt Ion:153 Resp: 120306
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 86.7 69.4 104.2



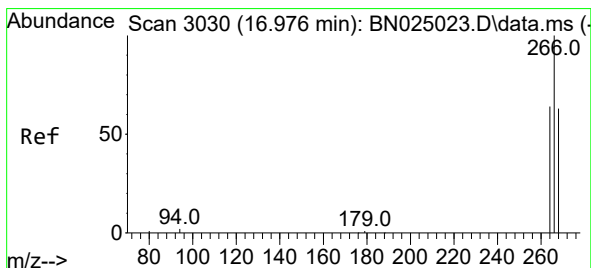
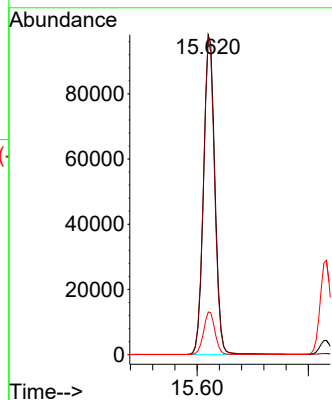
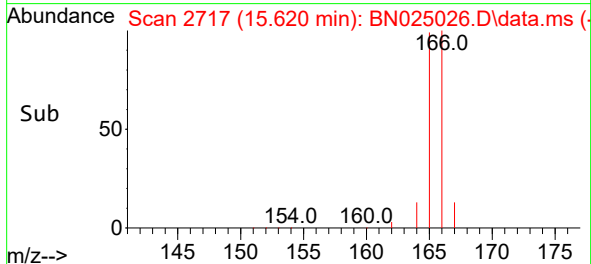


#12
Fluorene
Concen: 3.162 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :

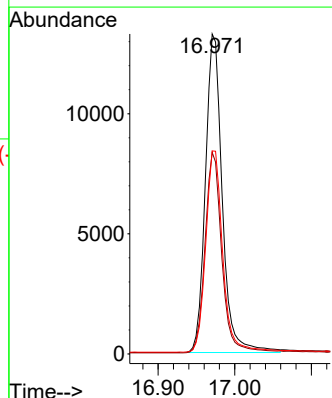
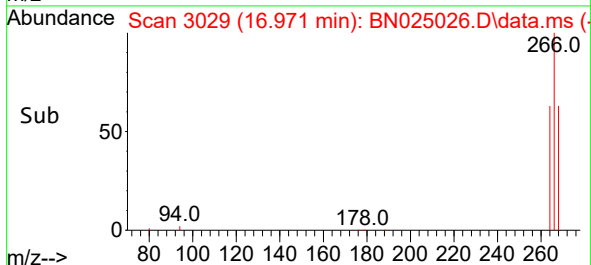
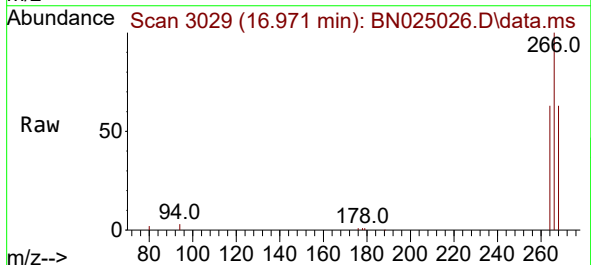


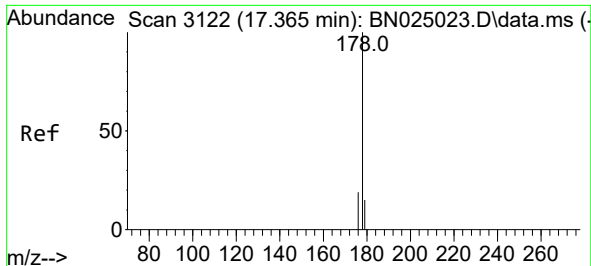
Tgt Ion:166 Resp: 138941
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 13.4 11.0 16.6



#14
Pentachlorophenol
Concen: 3.676 ng/ul
RT: 16.971 min Scan# 3029
Delta R.T. -0.005 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

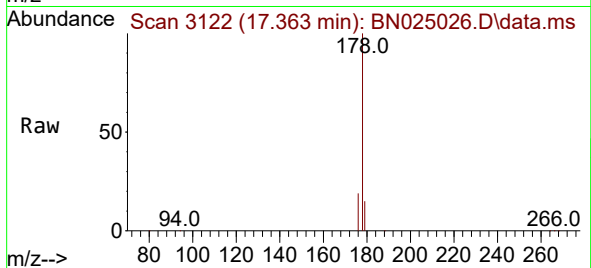
Tgt Ion:266 Resp: 20301
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 64.1 51.3 76.9



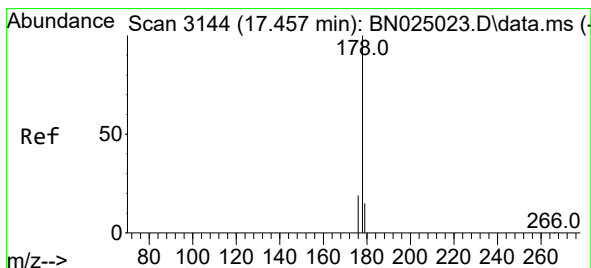
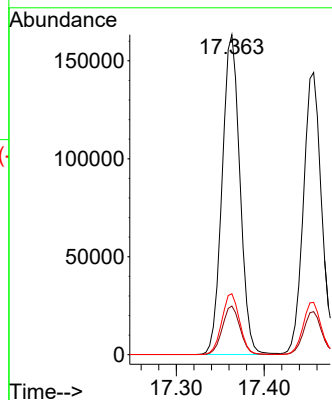
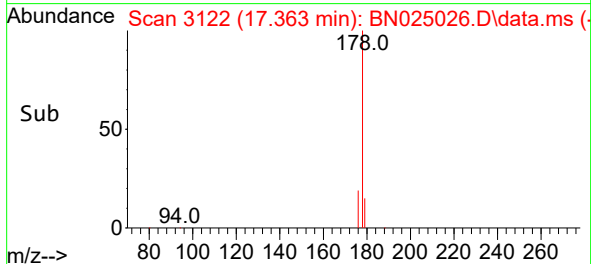


#15
Phenanthrene
Concen: 3.138 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :

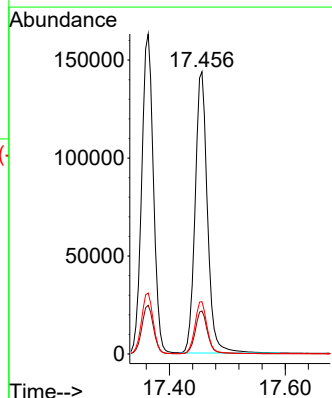
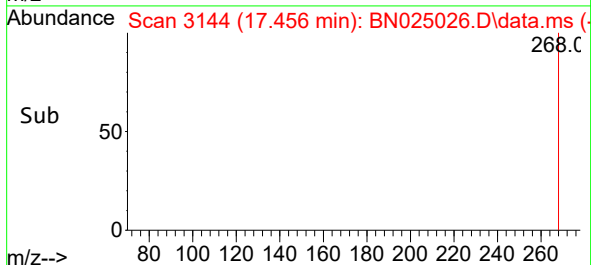
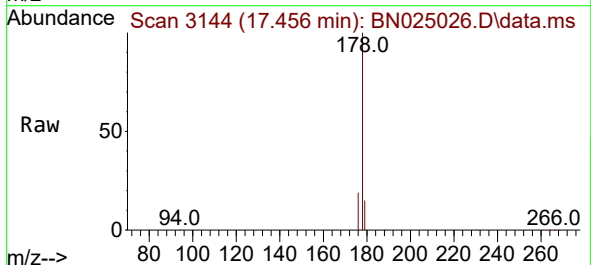


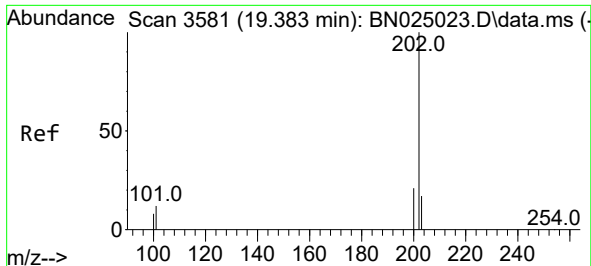
Tgt Ion:178 Resp: 229009
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.1 15.6 23.4



#16
Anthracene
Concen: 3.486 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Tgt Ion:178 Resp: 211488
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 18.5 15.3 22.9





#19

Fluoranthene

Concen: 3.070 ng/ul

RT: 19.381 min Scan# 3581

Delta R.T. -0.002 min

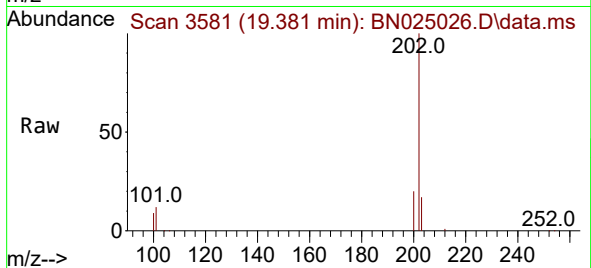
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Acq: 20 Apr 2023 07:09

Instrument :

BNA_N

ClientSampleId :



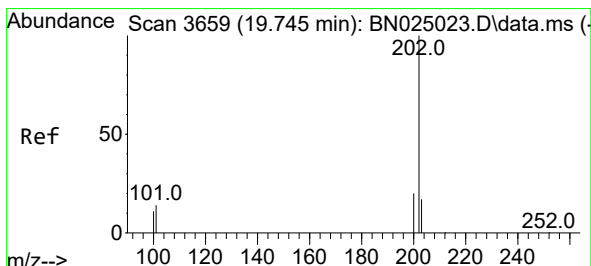
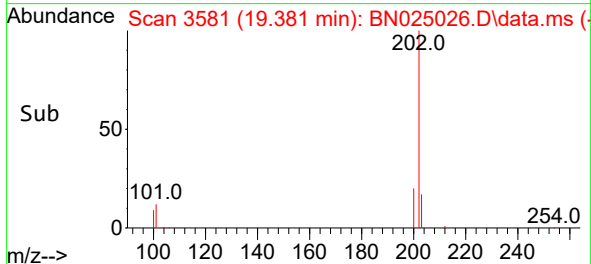
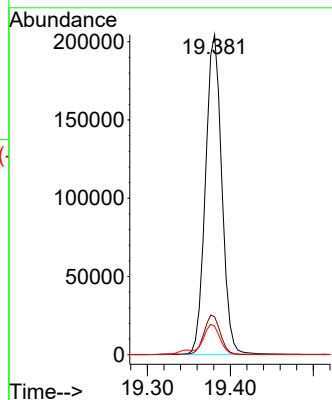
Tgt Ion:202 Resp: 278716

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

100 8.9 7.3 10.9



#20

Pyrene

Concen: 3.035 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.002 min

Lab File: BN025026.D

Acq: 20 Apr 2023 07:09

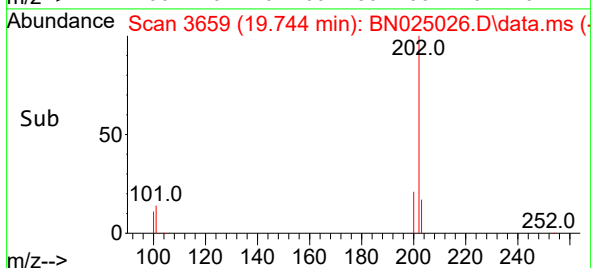
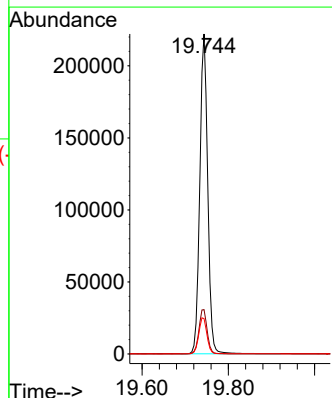
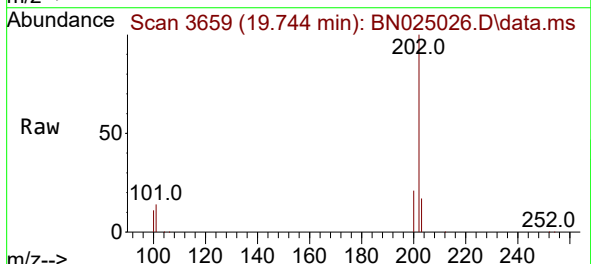
Tgt Ion:202 Resp: 282288

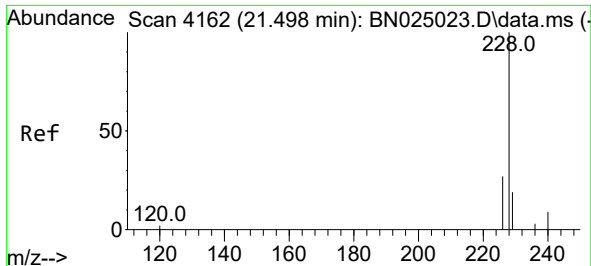
Ion Ratio Lower Upper

202 100

101 13.9 11.3 16.9

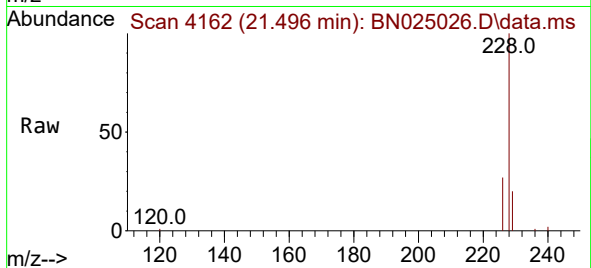
100 11.0 9.2 13.8



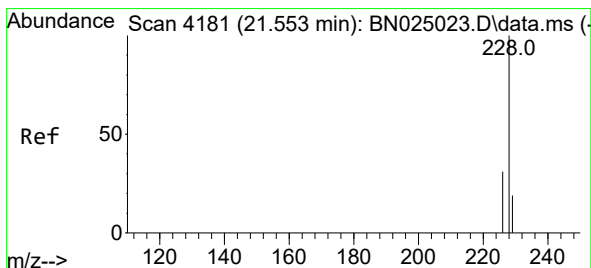
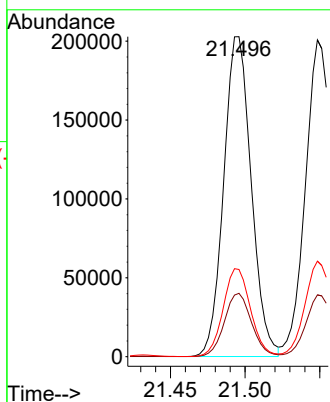
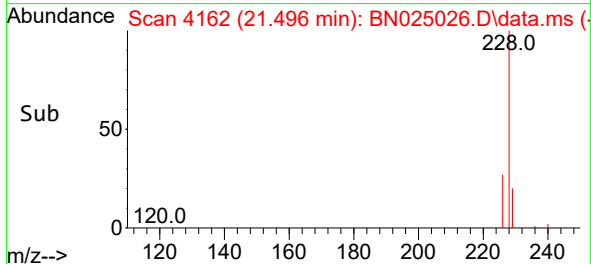


#21
Benzo(a)anthracene
Concen: 3.127 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. -0.002 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :

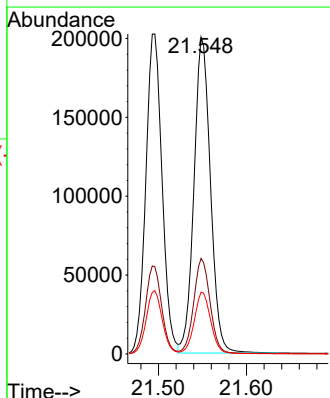
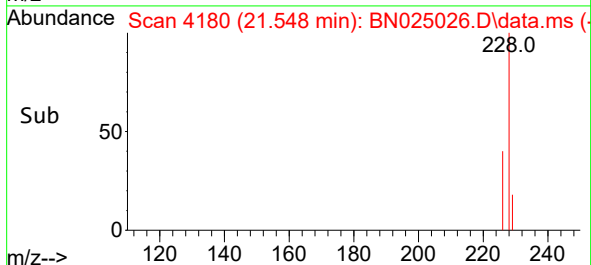
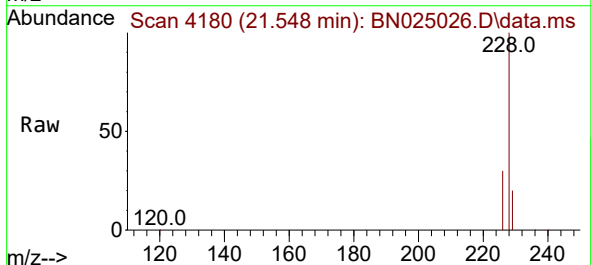


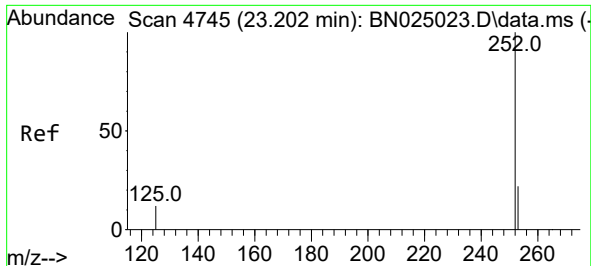
Tgt Ion:228 Resp: 260302
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.2 22.1 33.1



#22
Chrysene
Concen: 2.900 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.005 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Tgt Ion:228 Resp: 261343
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.5 15.8 23.6

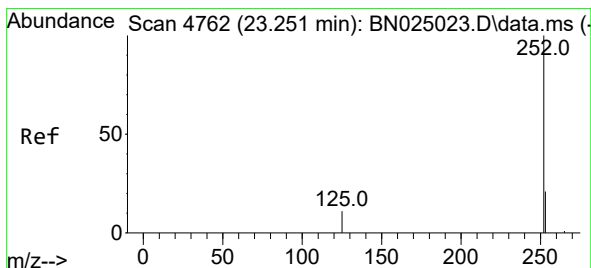
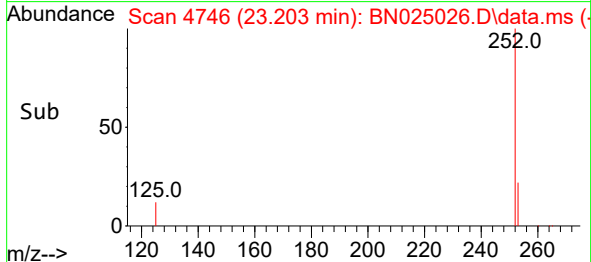
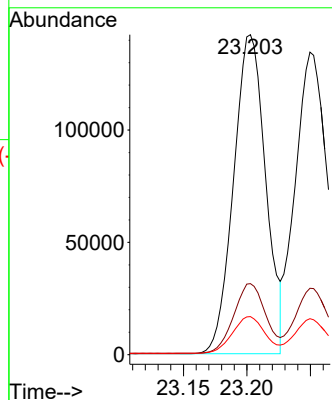
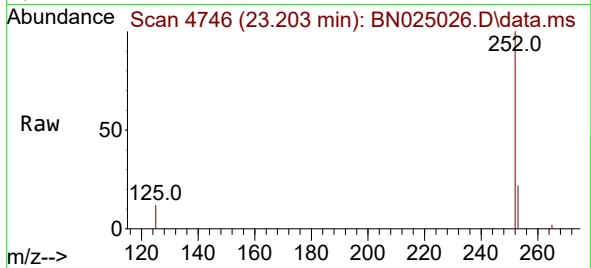




#24
Benzo(b)fluoranthene
Concen: 3.238 ng/ul
RT: 23.203 min Scan# 4745
Delta R.T. 0.001 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

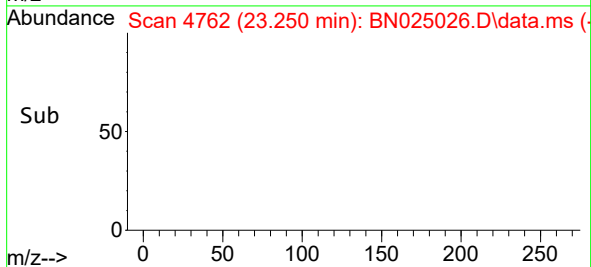
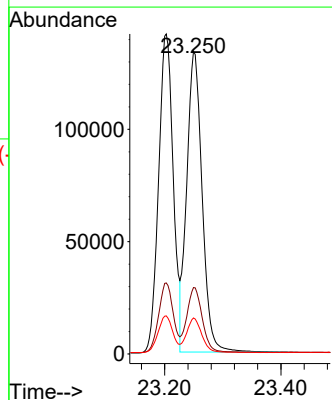
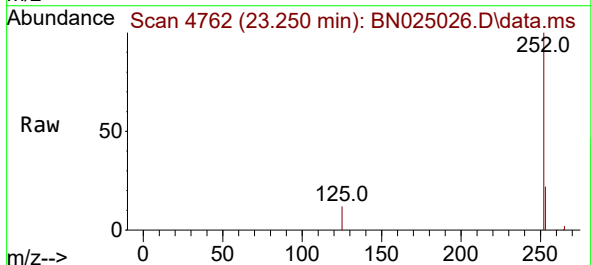
Instrument :
BNA_N
ClientSampleId :

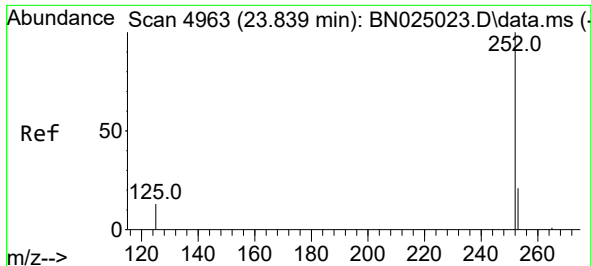
Tgt Ion:252 Resp: 249520
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.2
125 11.9 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 3.282 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

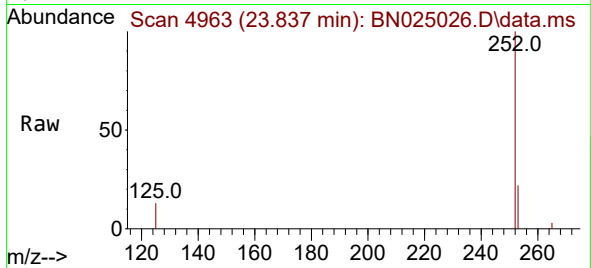
Tgt Ion:252 Resp: 246626
Ion Ratio Lower Upper
252 100
253 22.0 20.2 30.4
125 11.9 11.8 17.8



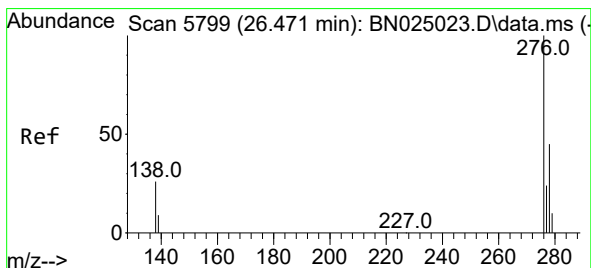
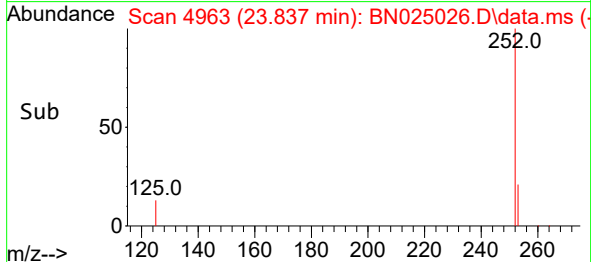
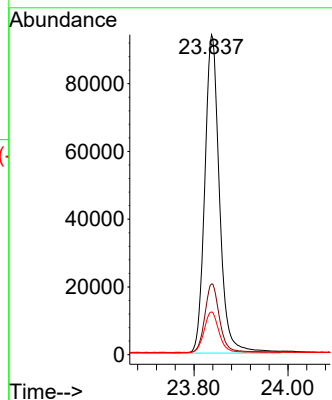


#26
Benzo(a)pyrene
Concen: 3.198 ng/ul
RT: 23.837 min Scan# 4963
Delta R.T. -0.002 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :

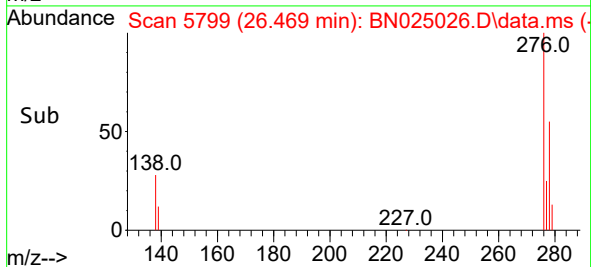
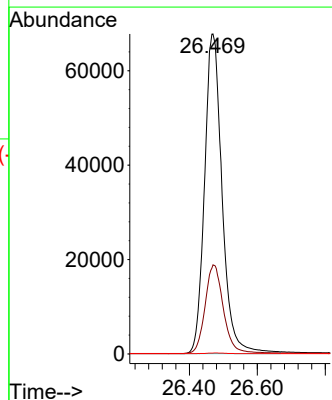
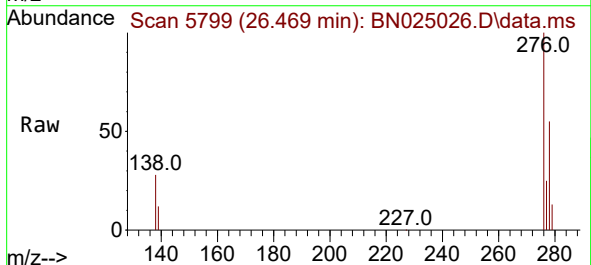


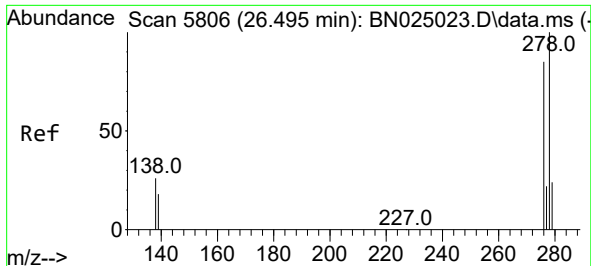
Tgt Ion:252 Resp: 204371
Ion Ratio Lower Upper
252 100
253 22.1 21.4 32.2
125 13.4 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.228 ng/ul
RT: 26.469 min Scan# 5799
Delta R.T. -0.002 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

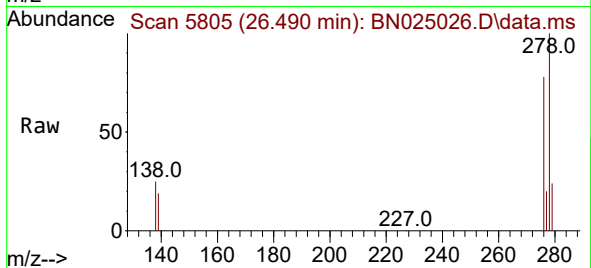
Tgt Ion:276 Resp: 243332
Ion Ratio Lower Upper
276 100
138 29.0 21.9 32.9
227 0.2 0.1 0.1#



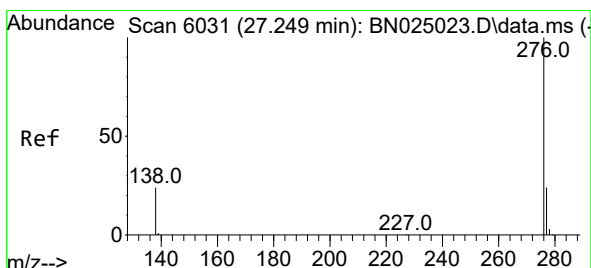
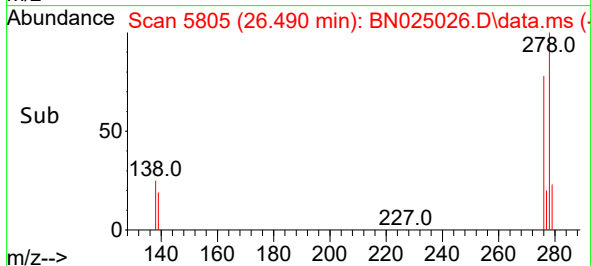
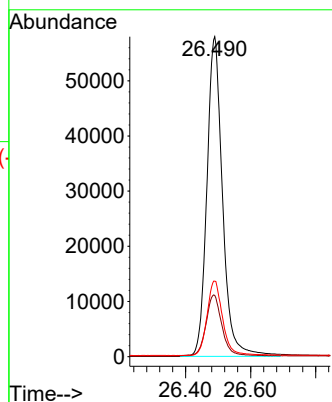


#28
Dibenzo(a,h)anthracene
Concen: 3.276 ng/ul
RT: 26.490 min Scan# 5806
Delta R.T. -0.005 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 193976
Ion Ratio Lower Upper
278 100
139 19.2 17.0 25.6
279 23.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 3.115 ng/ul
RT: 27.244 min Scan# 6030
Delta R.T. -0.005 min
Lab File: BN025026.D
Acq: 20 Apr 2023 07:09

Tgt Ion:276 Resp: 198590
Ion Ratio Lower Upper
276 100
138 24.9 20.3 30.5
277 23.7 19.8 29.6

