

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025033.D
 Acq On : 20 Apr 2023 13:50
 Operator : CG/JU
 Sample : 02296-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 21 04:19:36 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 : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

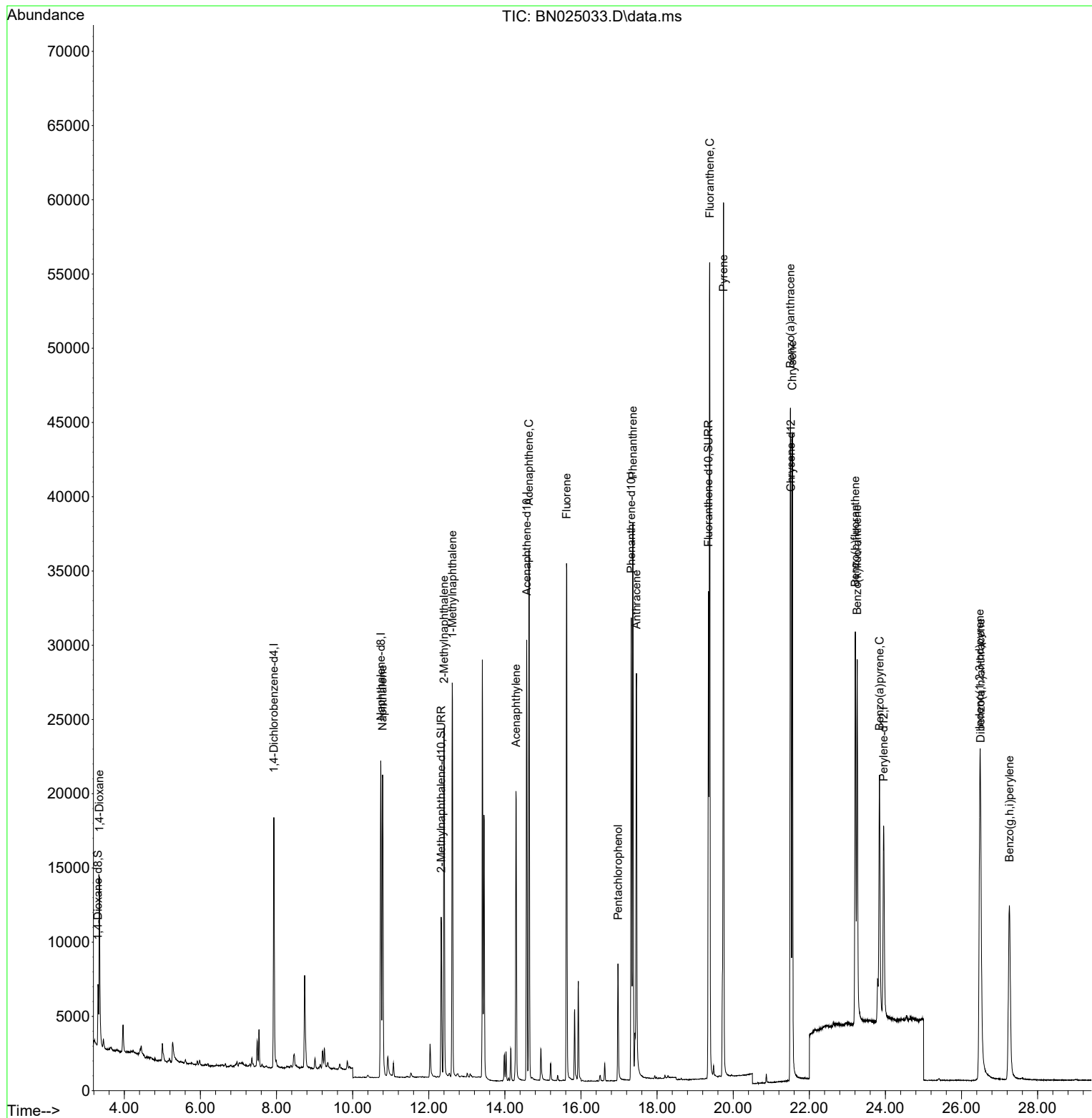
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	9265	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	28585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	16305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	35623	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	25173	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	19854	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	2632	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	13933	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	35054	0.528	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	7260	0.703	ng/ul	95
5) Naphthalene	10.787	128	29326	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	17245	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	18312	0.383	ng/ul	100
10) Acenaphthylene	14.292	152	23319	0.384	ng/ul	100
11) Acenaphthene	14.635	153	20062	0.392	ng/ul	99
12) Fluorene	15.620	166	22851	0.399	ng/ul	97
14) Pentachlorophenol	16.975	266	5538	0.792	ng/ul	99
15) Phenanthrene	17.364	178	40825	0.406	ng/ul	99
16) Anthracene	17.456	178	32865	0.400	ng/ul	99
19) Fluoranthene	19.382	202	47794	0.525	ng/ul	100
20) Pyrene	19.744	202	48736	0.521	ng/ul	99
21) Benzo(a)anthracene	21.503	228	35803	0.472	ng/ul	100
22) Chrysene	21.552	228	39200	0.474	ng/ul	99
24) Benzo(b)fluoranthene	23.209	252	35625	0.442	ng/ul	98
25) Benzo(k)fluoranthene	23.256	252	34080	0.440	ng/ul	99
26) Benzo(a)pyrene	23.844	252	27135	0.407	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.480	276	33667	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.500	278	26555	0.443	ng/ul	98
29) Benzo(g,h,i)perylene	27.258	276	29592	0.453	ng/ul	99

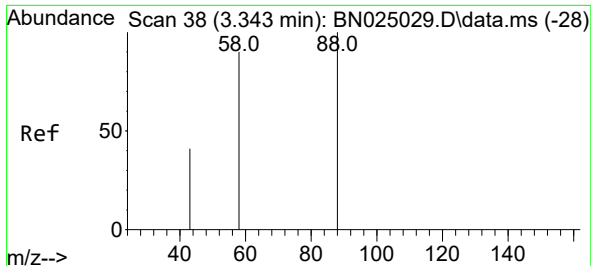
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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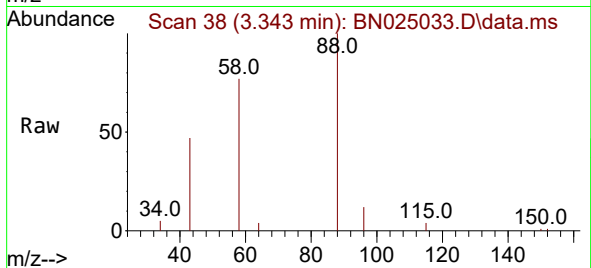
Quant Time: Apr 21 04:19:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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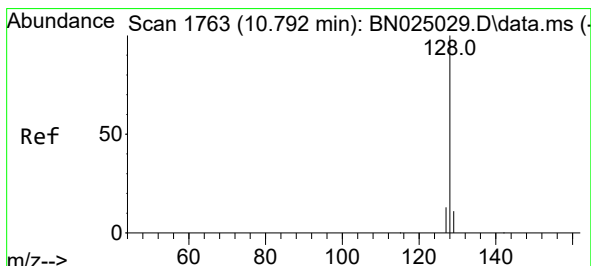
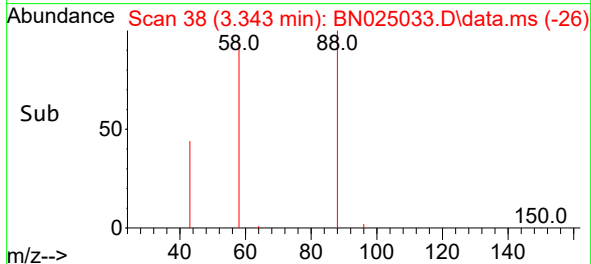
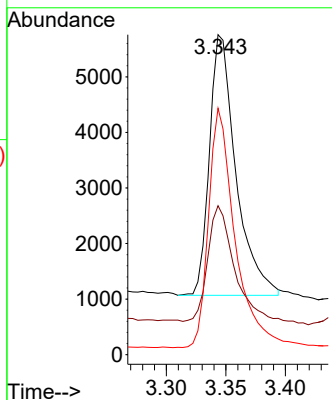
#2
 1,4-Dioxane
 Concen: 0.703 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN025033.D
 Acq: 20 Apr 2023 13:50

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 88 Resp: 7260

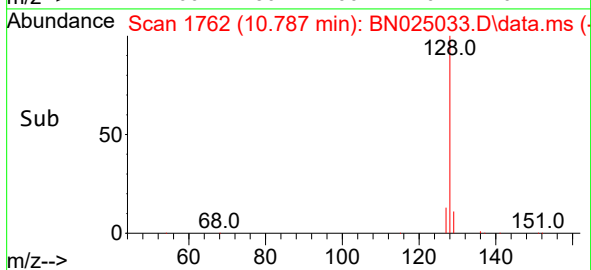
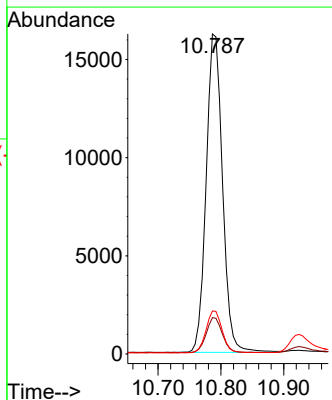
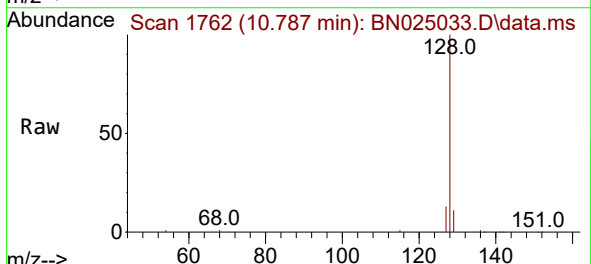
Ion	Ratio	Lower	Upper
88	100		
43	46.5	37.0	55.4
58	77.0	56.9	85.3

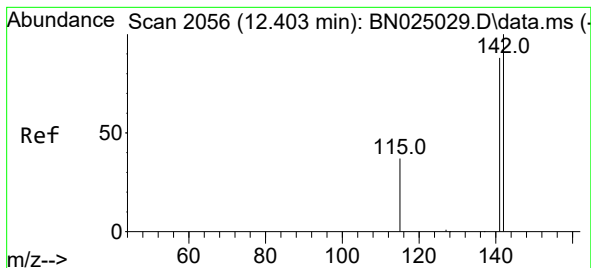


#5
 Naphthalene
 Concen: 0.400 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN025033.D
 Acq: 20 Apr 2023 13:50

Tgt Ion: 128 Resp: 29326

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.7	16.1





#7

2-Methylnaphthalene

Concen: 0.384 ng/ul

RT: 12.403 min Scan# 2056

Delta R.T. 0.000 min

Lab File: BN025033.D

Acq: 20 Apr 2023 13:50

Instrument :

BNA_N

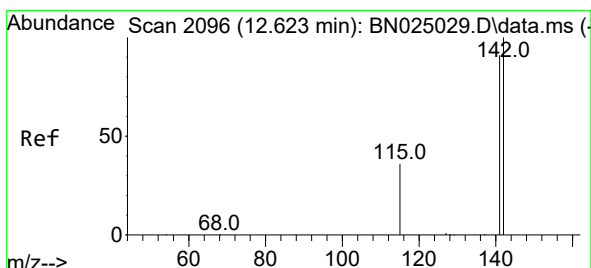
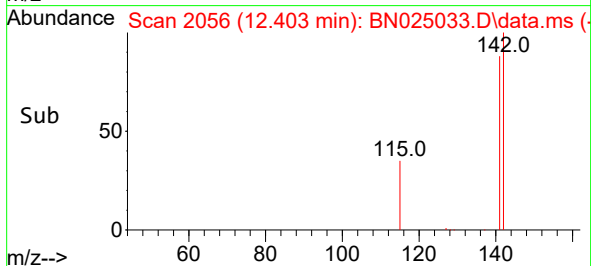
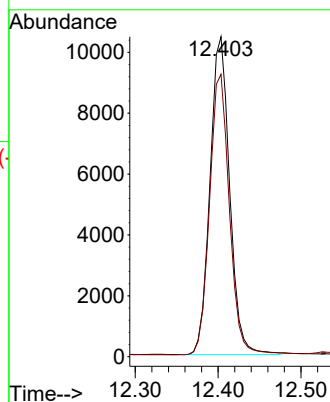
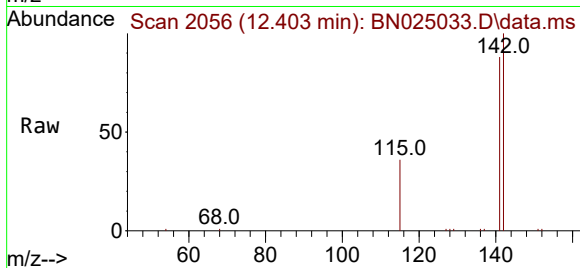
ClientSampleId :

Tgt Ion:142 Resp: 17245

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.0



#8

1-Methylnaphthalene

Concen: 0.383 ng/ul

RT: 12.618 min Scan# 2095

Delta R.T. -0.005 min

Lab File: BN025033.D

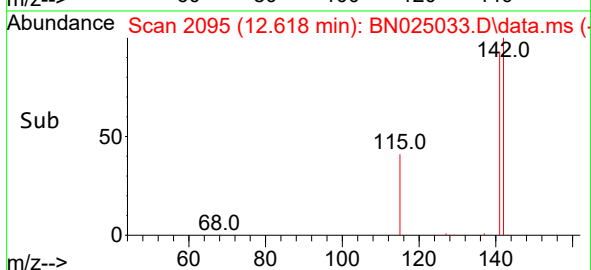
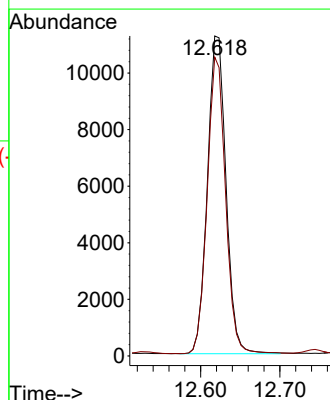
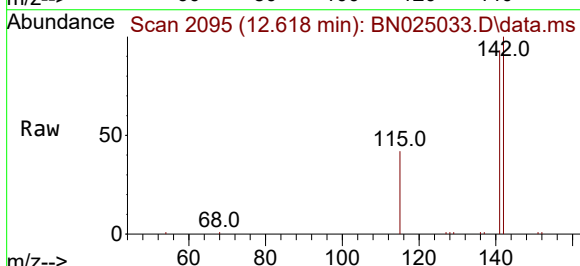
Acq: 20 Apr 2023 13:50

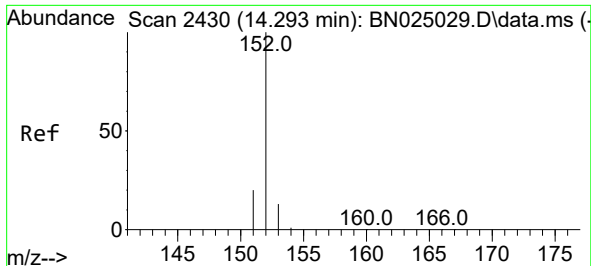
Tgt Ion:142 Resp: 18312

Ion Ratio Lower Upper

142 100

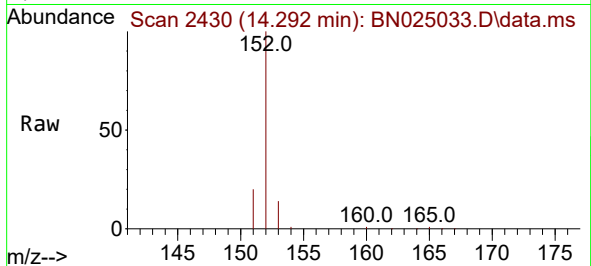
141 91.8 73.8 110.6



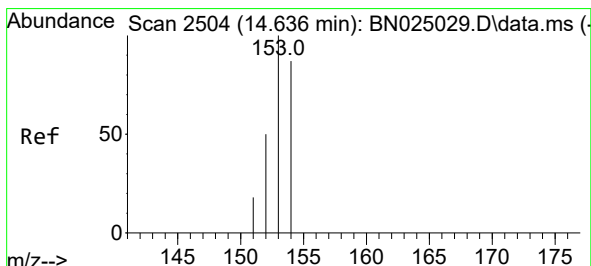
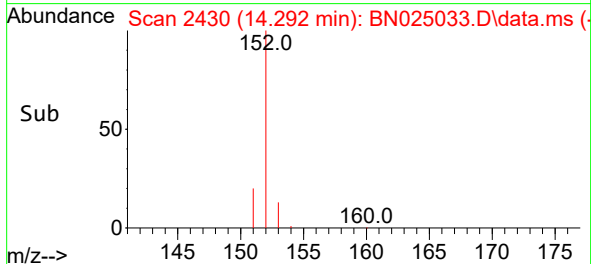
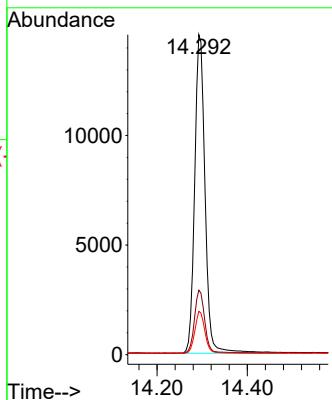


#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Instrument :
BNA_N
ClientSampleId :

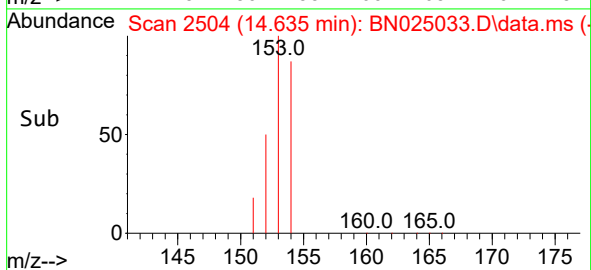
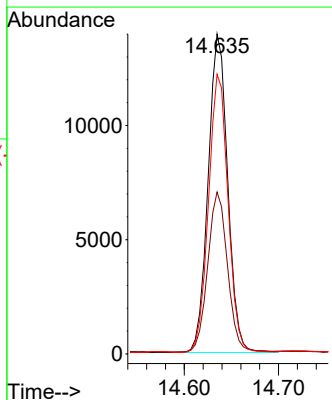
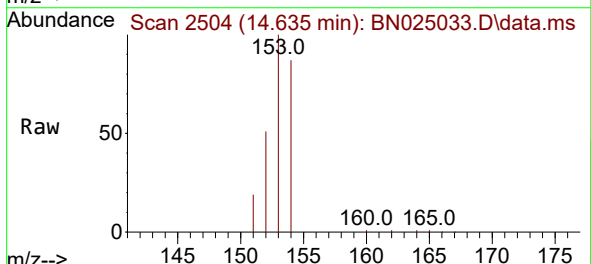


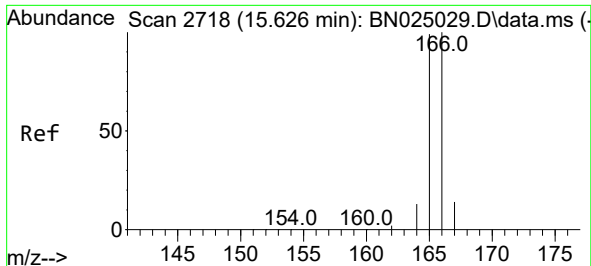
Tgt Ion:152 Resp: 23319
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

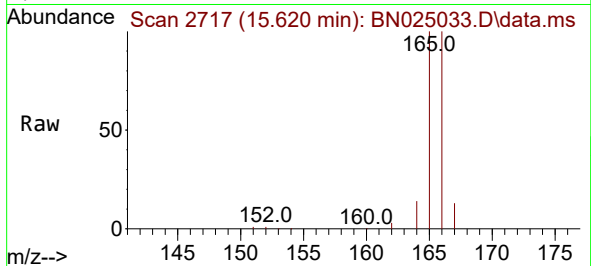
Tgt Ion:153 Resp: 20062
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.4 69.4 104.2



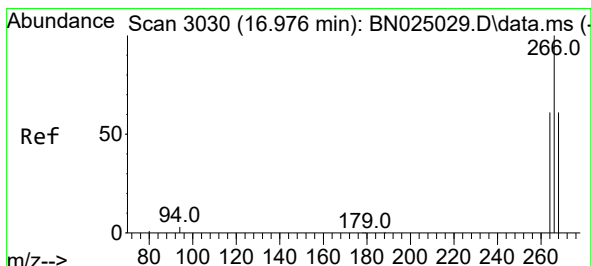
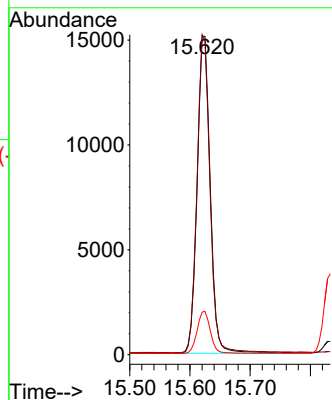
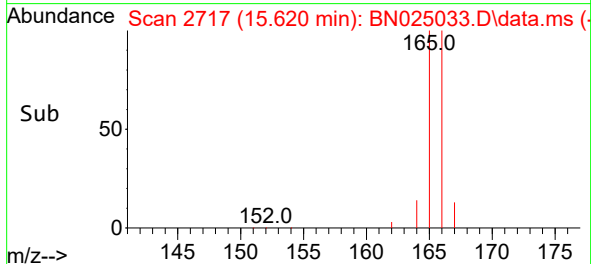


#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Instrument :
BNA_N
ClientSampleId :

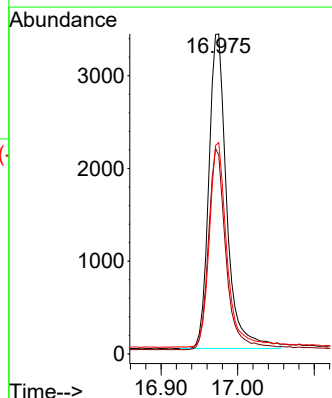
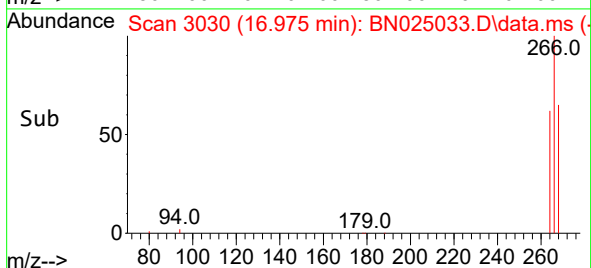
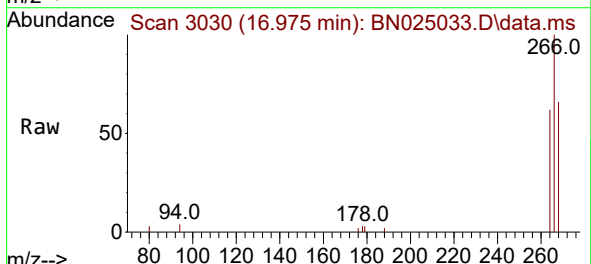


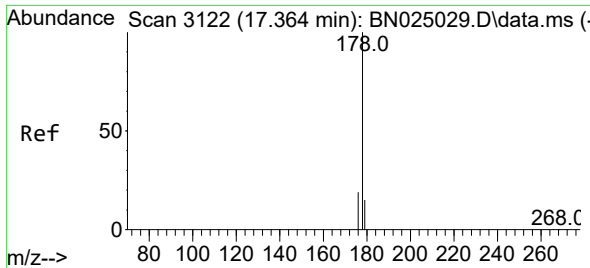
Tgt Ion:166 Resp: 22851
Ion Ratio Lower Upper
166 100
165 100.4 78.1 117.1
167 13.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.792 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Tgt Ion:266 Resp: 5538
Ion Ratio Lower Upper
266 100
264 63.0 49.6 74.4
268 64.0 51.3 76.9

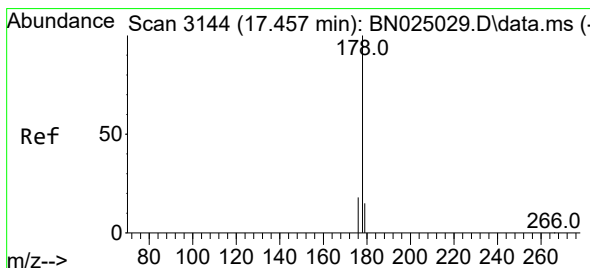
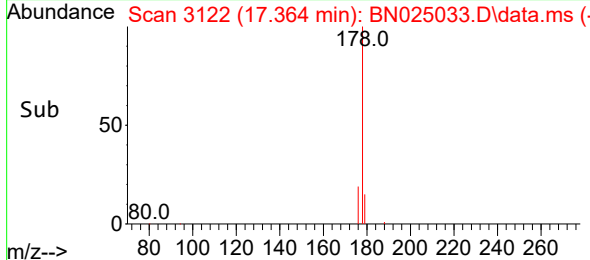
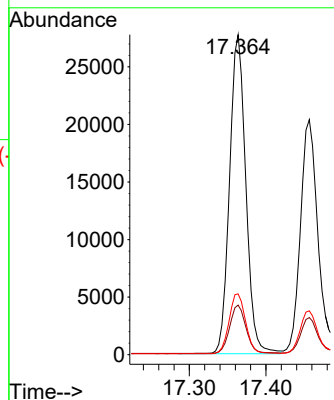
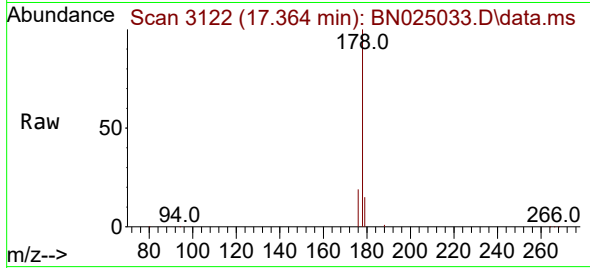




#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

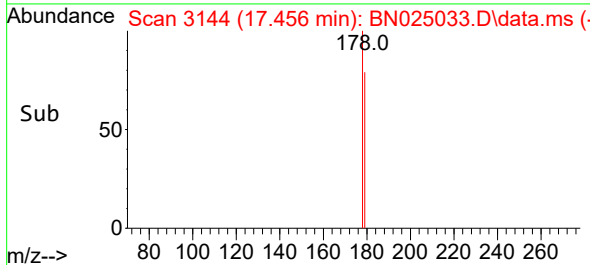
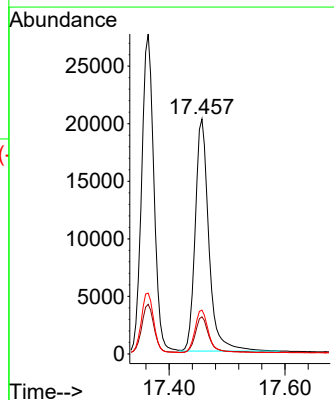
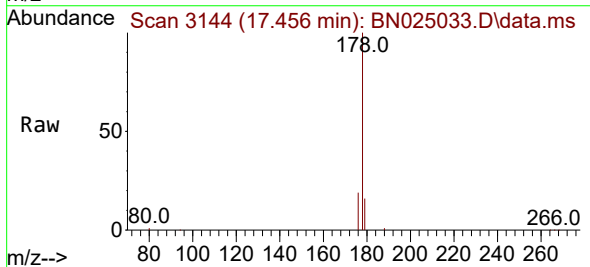
Instrument :
BNA_N
ClientSampleId :

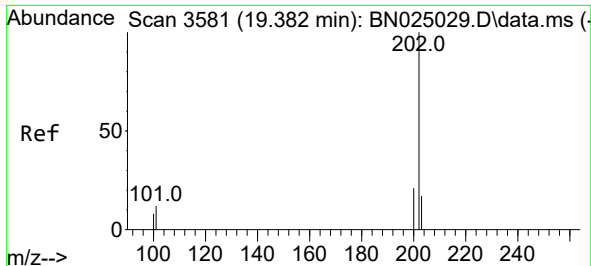
Tgt Ion:178 Resp: 40825
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.0 15.6 23.4



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Tgt Ion:178 Resp: 32865
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.6 15.3 22.9





#19

Fluoranthene

Concen: 0.525 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. -0.000 min

Lab File: BN025033.D

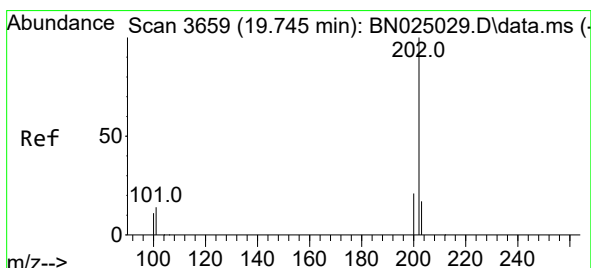
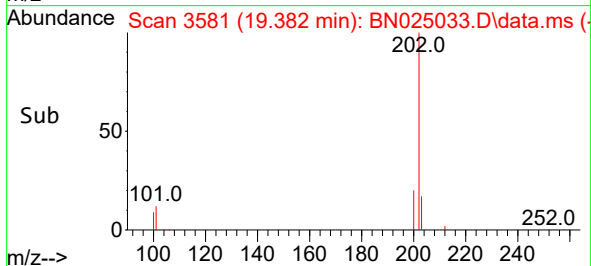
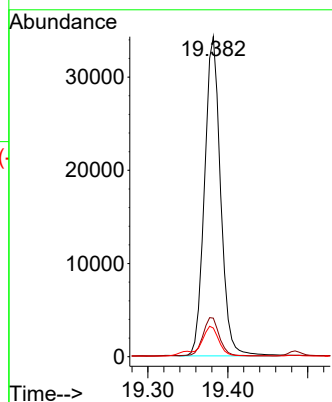
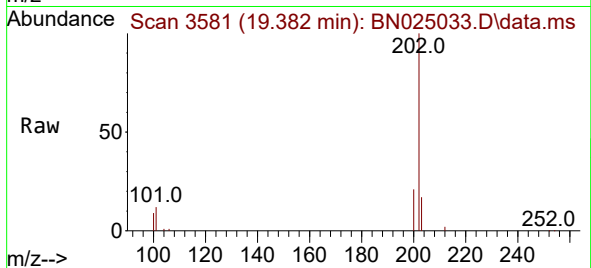
Acq: 20 Apr 2023 13:50

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:202	Resp:	47794
Ion Ratio	Lower	Upper
202	100	
101	12.1	9.7 14.5
100	9.0	7.3 10.9



#20

Pyrene

Concen: 0.521 ng/ul

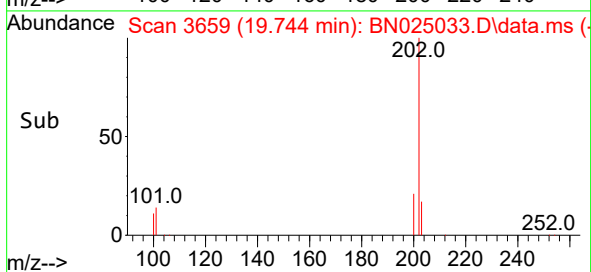
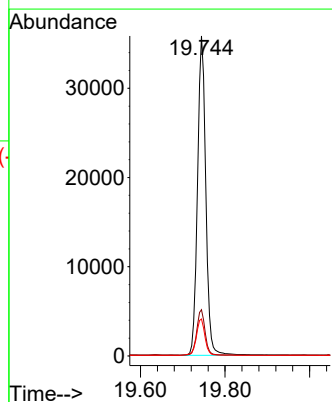
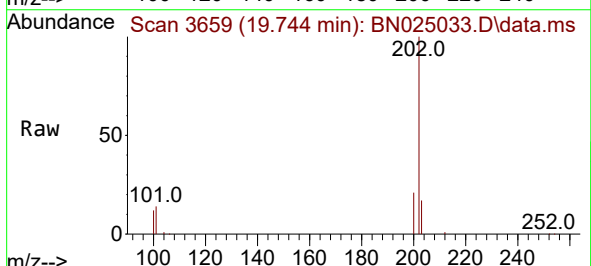
RT: 19.744 min Scan# 3659

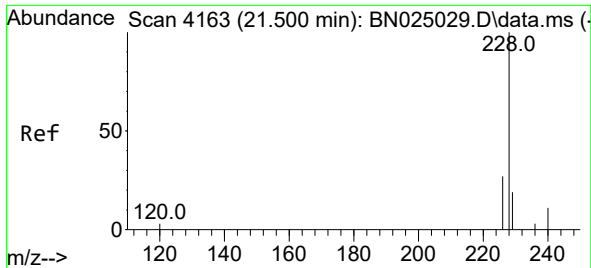
Delta R.T. -0.000 min

Lab File: BN025033.D

Acq: 20 Apr 2023 13:50

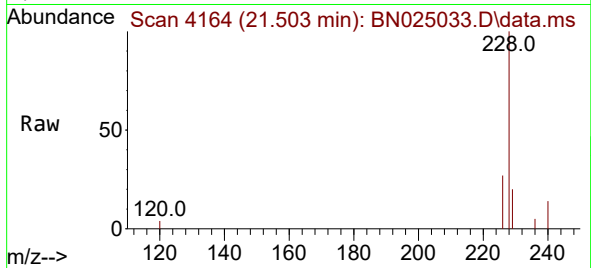
Tgt Ion:202	Resp:	48736
Ion Ratio	Lower	Upper
202	100	
101	14.5	11.3 16.9
100	11.6	9.2 13.8



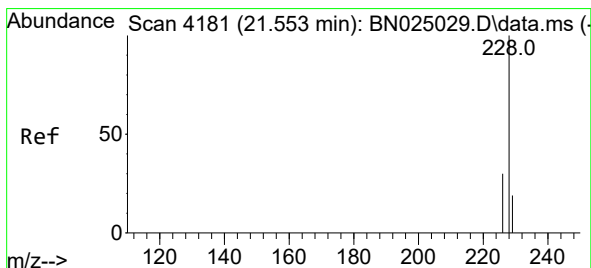
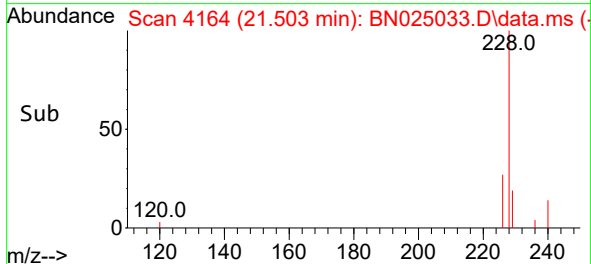
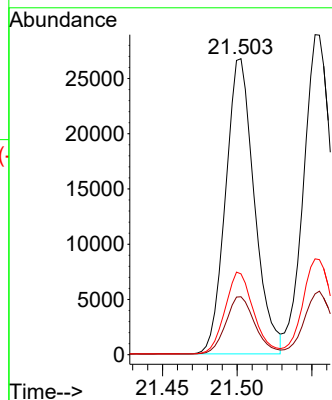


#21
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.503 min Scan# 4163
Delta R.T. 0.003 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Instrument :
BNA_N
ClientSampleId :

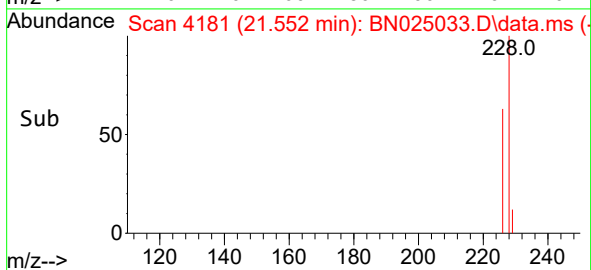
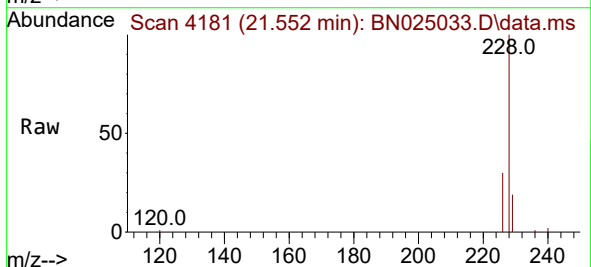
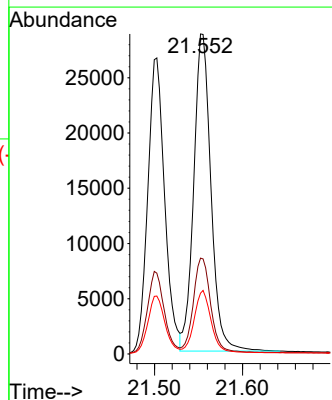


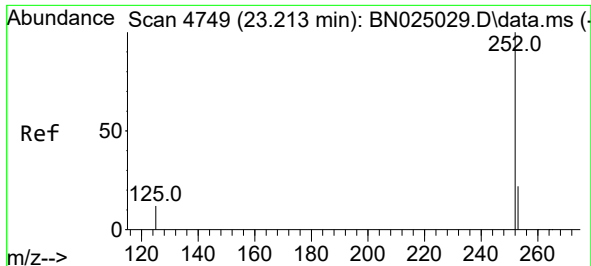
Tgt Ion:228 Resp: 35803
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.474 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

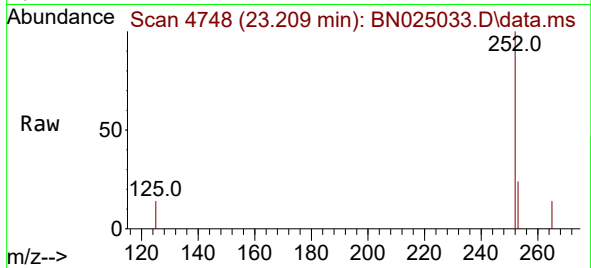
Tgt Ion:228 Resp: 39200
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.0 15.8 23.6



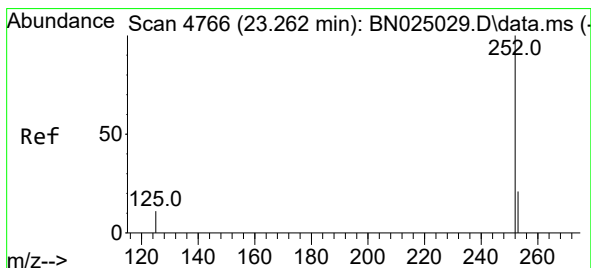
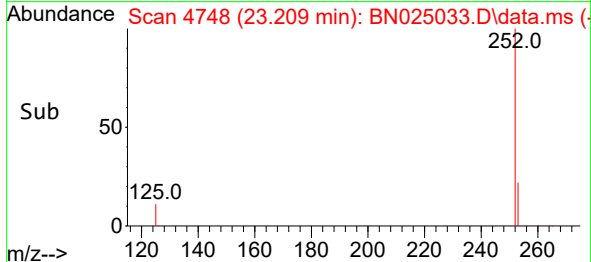
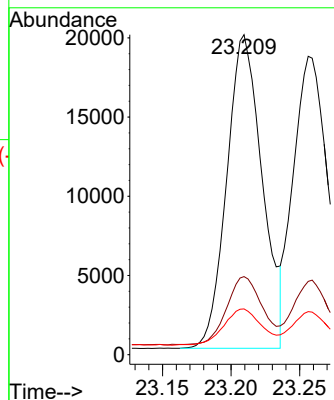


#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.209 min Scan# 4748
Delta R.T. -0.003 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Instrument :
BNA_N
ClientSampleId :

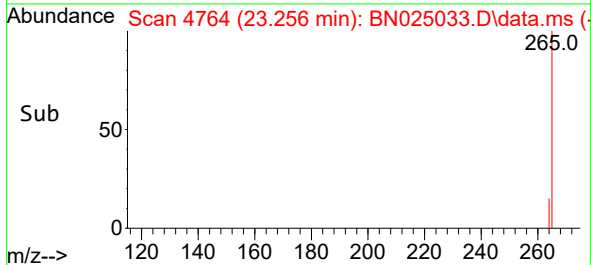
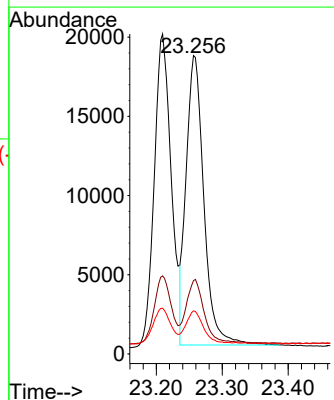
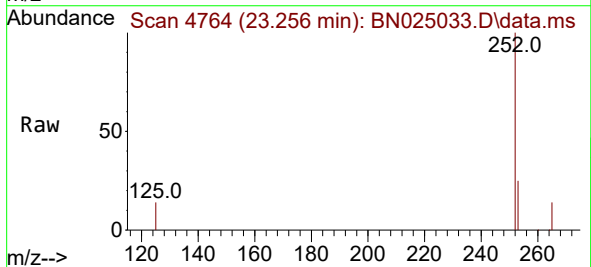


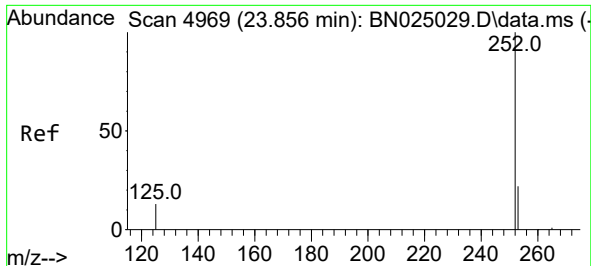
Tgt Ion:252 Resp: 35625
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.2
125 14.3 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 23.256 min Scan# 4764
Delta R.T. -0.006 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

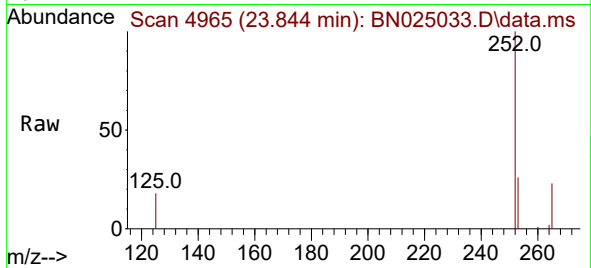
Tgt Ion:252 Resp: 34080
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.4
125 14.4 11.8 17.8



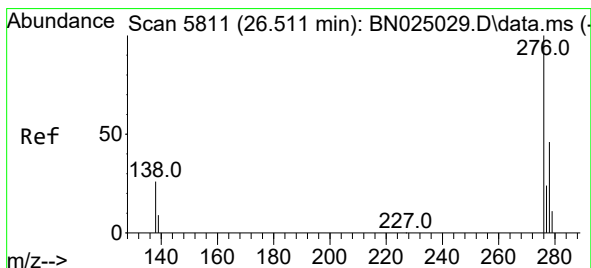
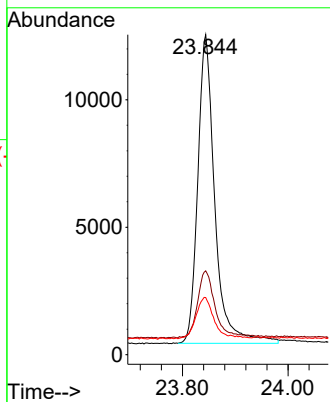
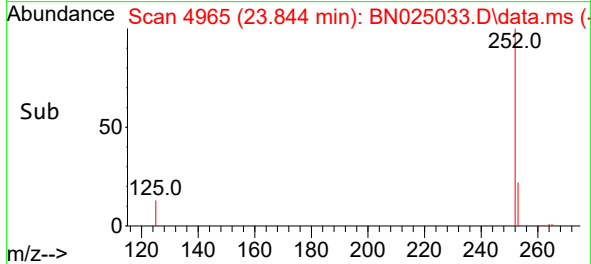


#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. -0.012 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

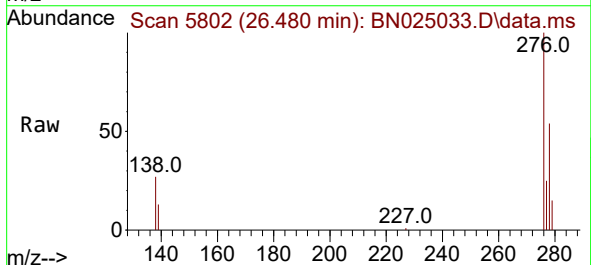
Instrument :
BNA_N
ClientSampleId :



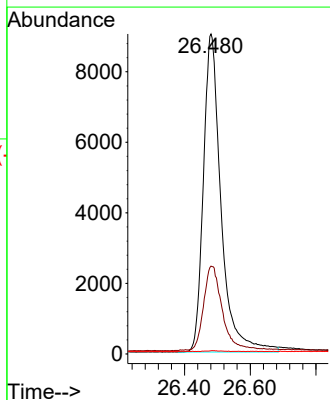
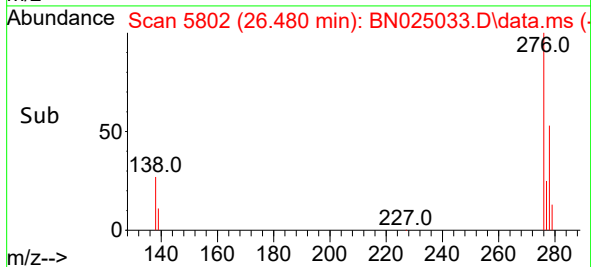
Tgt Ion:252 Resp: 27135
Ion Ratio Lower Upper
252 100
253 26.2 21.4 32.2
125 17.9 14.6 22.0

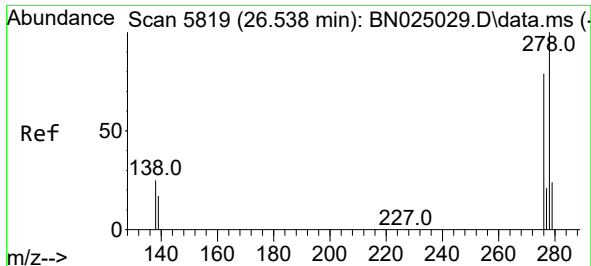


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.480 min Scan# 5802
Delta R.T. -0.031 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50



Tgt Ion:276 Resp: 33667
Ion Ratio Lower Upper
276 100
138 27.6 21.9 32.9
227 0.2 0.1 0.1#

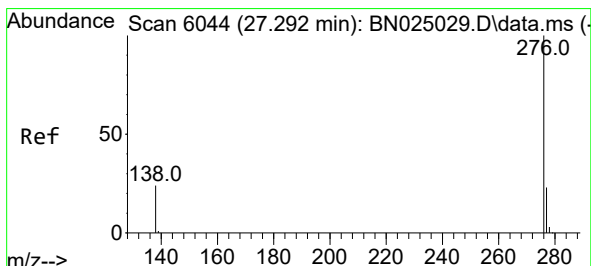
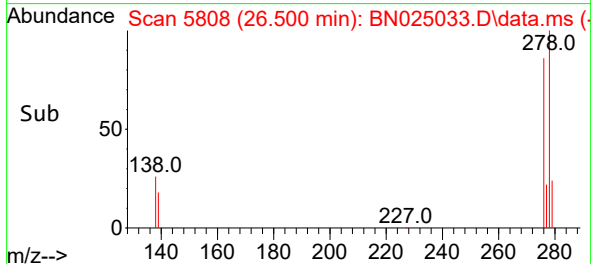
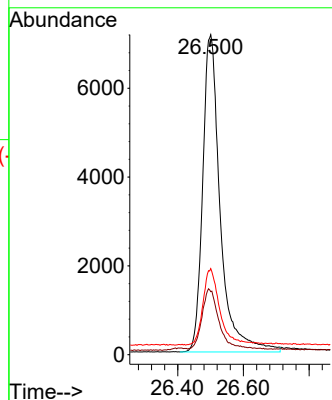
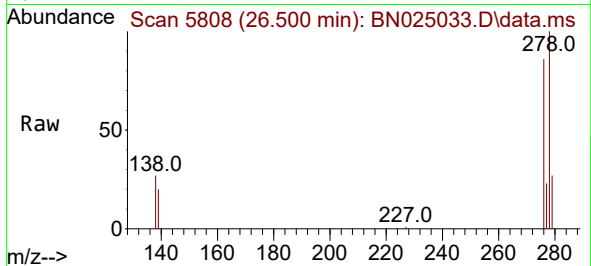




#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.500 min Scan# 5819
Delta R.T. -0.037 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 26555
Ion Ratio Lower Upper
278 100
139 19.7 17.0 25.6
279 26.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.258 min Scan# 6034
Delta R.T. -0.034 min
Lab File: BN025033.D
Acq: 20 Apr 2023 13:50

Tgt Ion:276 Resp: 29592
Ion Ratio Lower Upper
276 100
138 25.6 20.3 30.5
277 24.4 19.8 29.6

