

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025025.D
 Acq On : 20 Apr 2023 06:33
 Operator : CG/JU
 Sample : SSTD1.698
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:47:42 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)

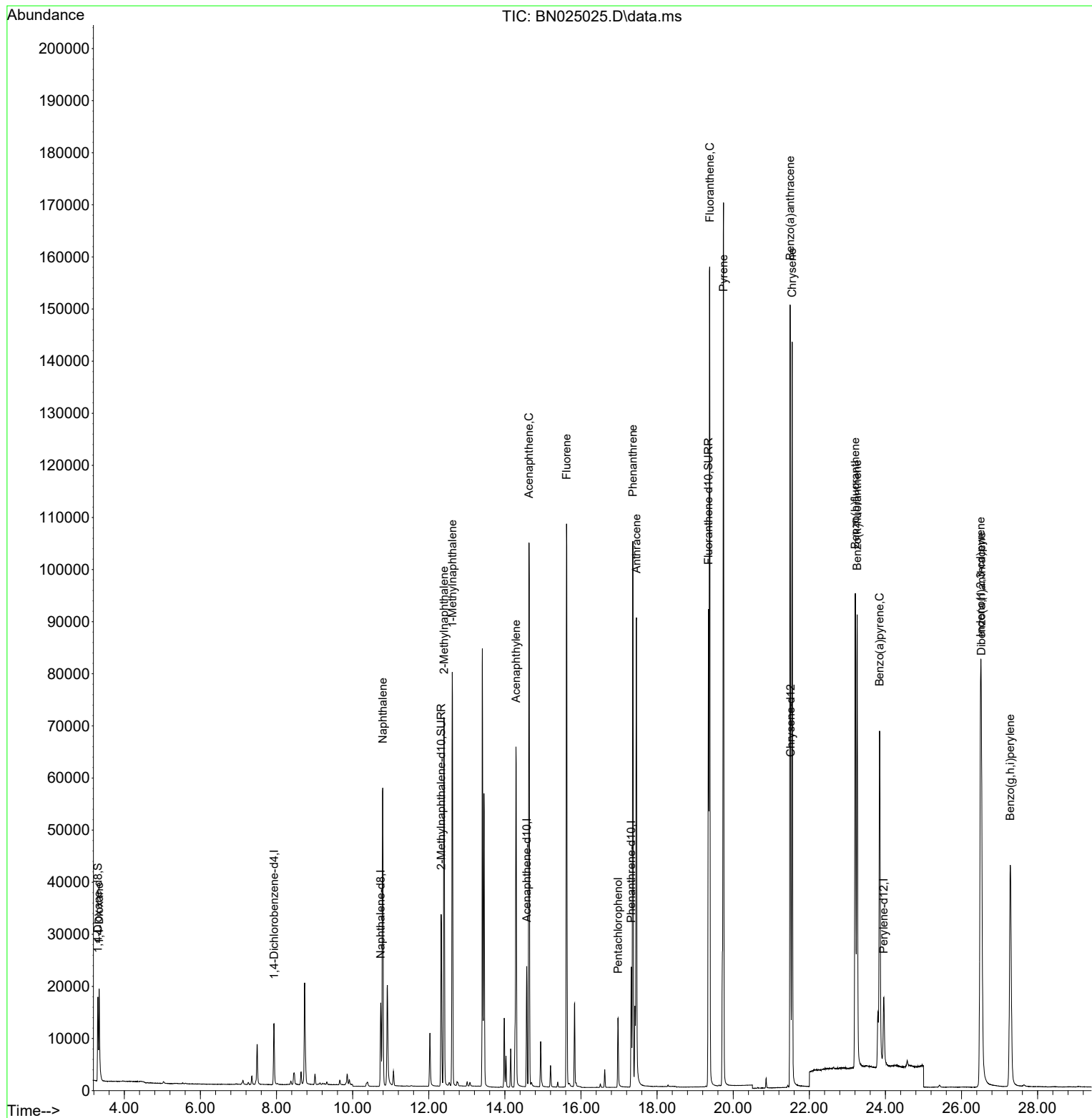
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	20824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	12280	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	26402	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	25566	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	18769	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	10252	1.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	41540	1.554	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	97248	1.531	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	11174	1.403	ng/ul	88
5) Naphthalene	10.792	128	79662	1.501	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	50848	1.541	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	53161	1.519	ng/ul	100
10) Acenaphthylene	14.292	152	73576	1.598	ng/ul	99
11) Acenaphthene	14.635	153	58695	1.487	ng/ul	99
12) Fluorene	15.620	166	67790	1.533	ng/ul	98
14) Pentachlorophenol	16.971	266	9271	1.647	ng/ul	99
15) Phenanthrene	17.364	178	111956	1.505	ng/ul	99
16) Anthracene	17.457	178	102044	1.650	ng/ul	99
19) Fluoranthene	19.382	202	134780	1.531	ng/ul	99
20) Pyrene	19.744	202	138351	1.534	ng/ul	99
21) Benzo(a)anthracene	21.497	228	121230	1.502	ng/ul	99
22) Chrysene	21.549	228	125304	1.434	ng/ul	99
24) Benzo(b)fluoranthene	23.209	252	121618	1.615	ng/ul	94
25) Benzo(k)fluoranthene	23.256	252	117585	1.601	ng/ul	94
26) Benzo(a)pyrene	23.847	252	98951	1.585	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.500	276	115809	1.572	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.521	278	91988	1.590	ng/ul	95
29) Benzo(g,h,i)perylene	27.282	276	95355	1.531	ng/ul	98

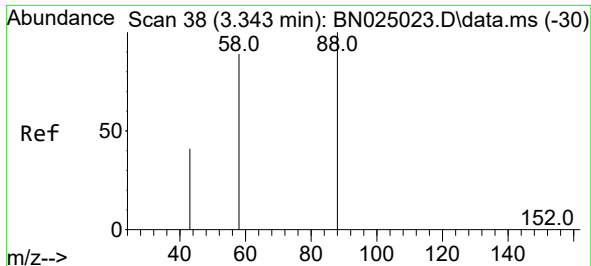
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
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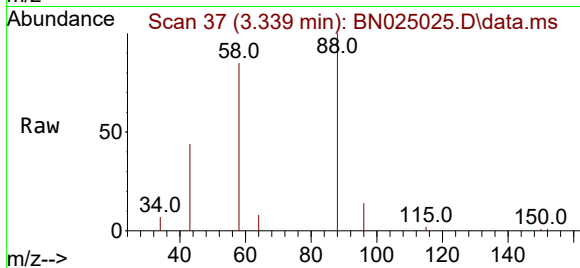
Quant Time: Apr 20 07:47:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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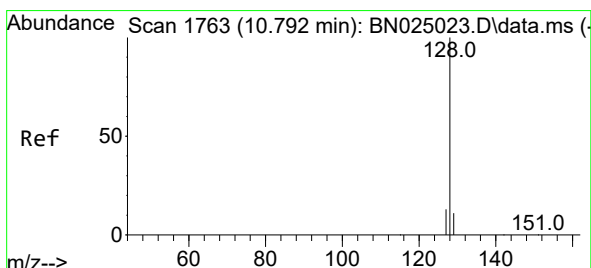
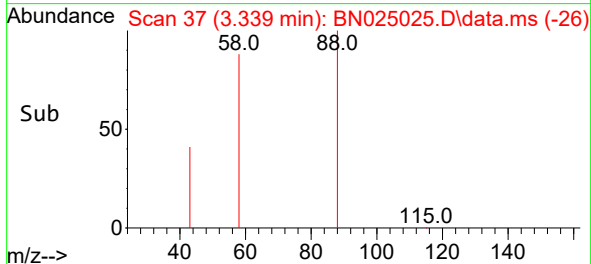
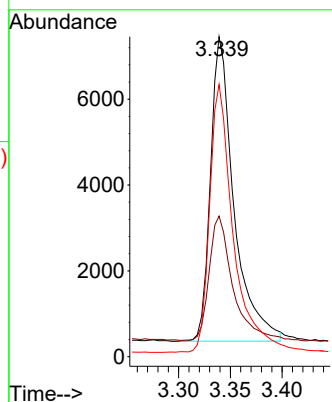
#2
 1,4-Dioxane
 Concen: 1.403 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 88 Resp: 11174

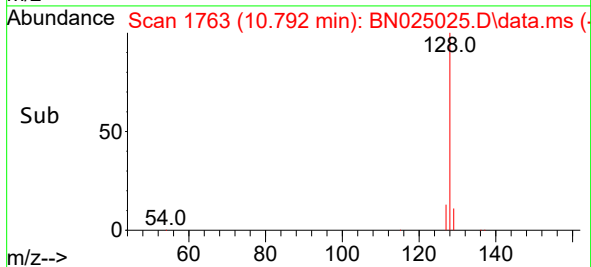
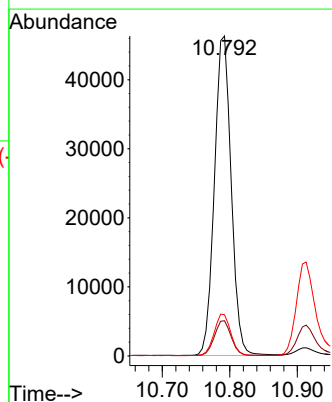
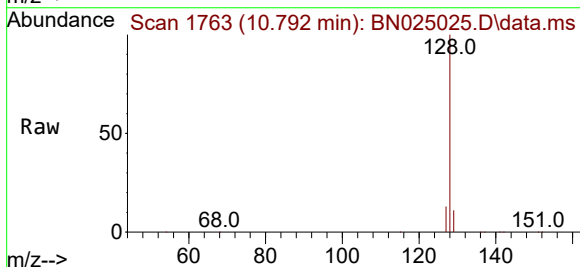
Ion	Ratio	Lower	Upper
88	100		
43	44.0	37.0	55.4
58	85.1	56.9	85.3

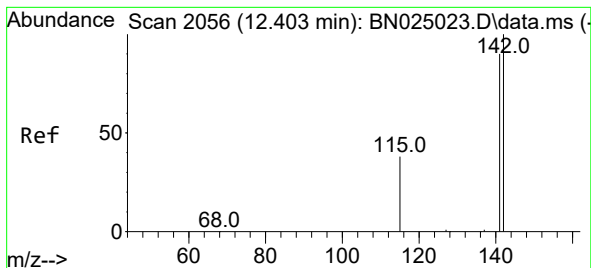


#5
 Naphthalene
 Concen: 1.501 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33

Tgt Ion: 128 Resp: 79662

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	10.7	16.1

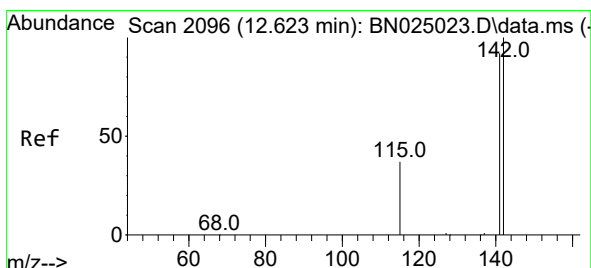
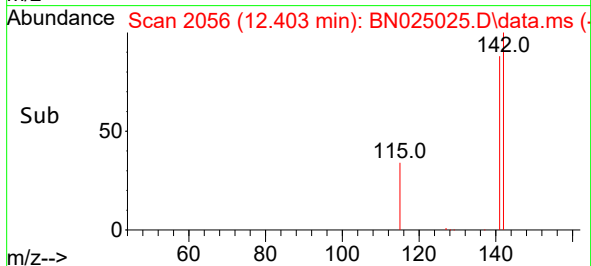
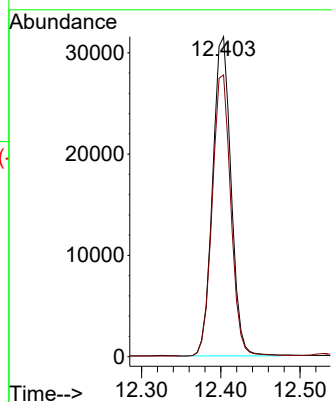
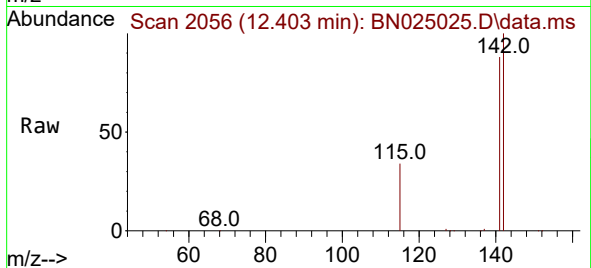




#7
2-Methylnaphthalene
Concen: 1.541 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

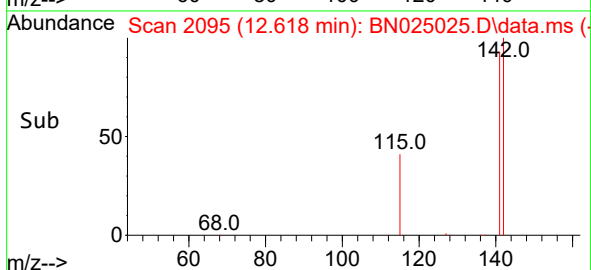
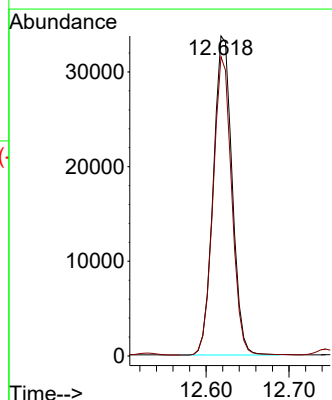
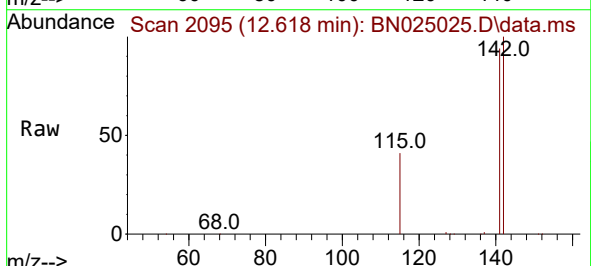
Instrument :
BNA_N
ClientSampleId :

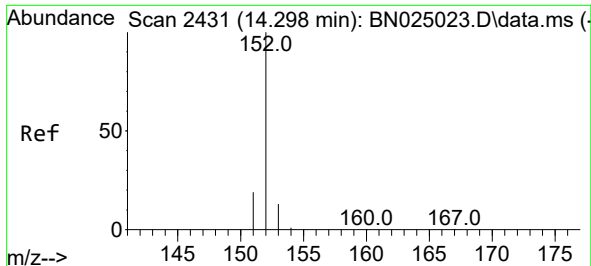
Tgt Ion:142 Resp: 50848
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 1.519 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

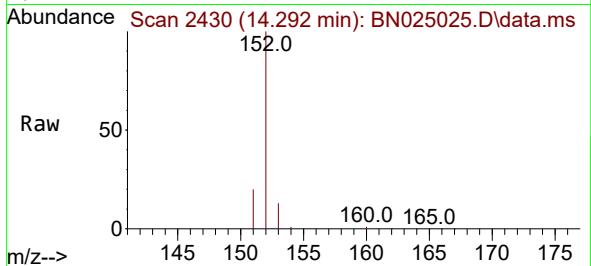
Tgt Ion:142 Resp: 53161
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6



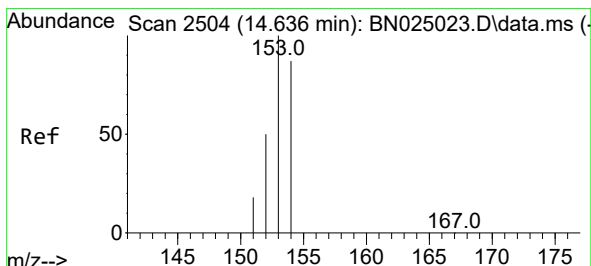
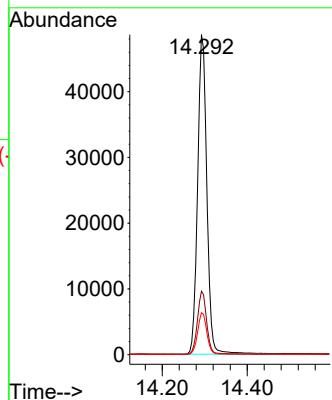
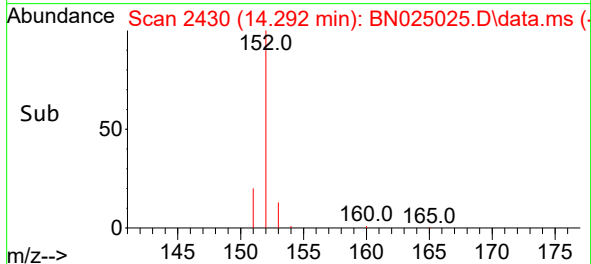


#10
Acenaphthylene
Concen: 1.598 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

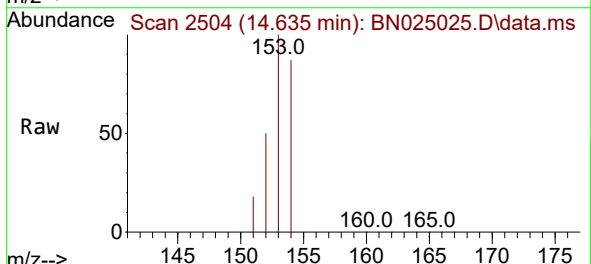
Instrument :
BNA_N
ClientSampleId :



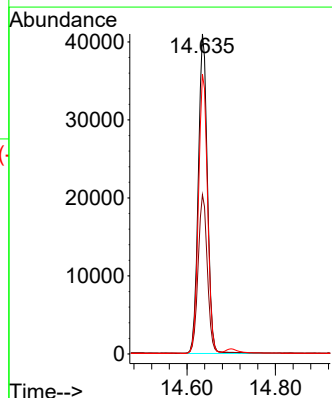
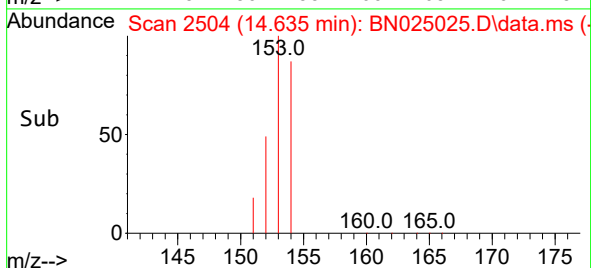
Tgt Ion:152 Resp: 73576
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.8 16.2

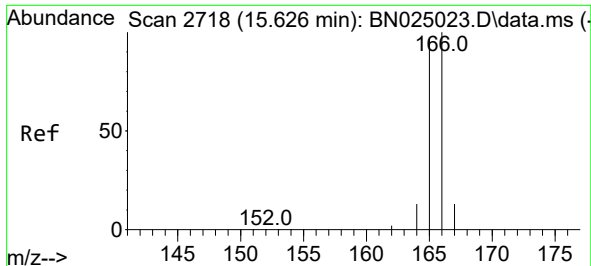


#11
Acenaphthene
Concen: 1.487 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33



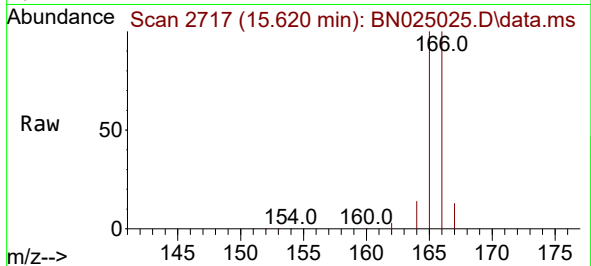
Tgt Ion:153 Resp: 58695
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 87.4 69.4 104.2



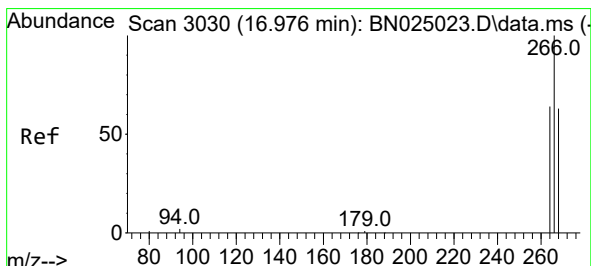
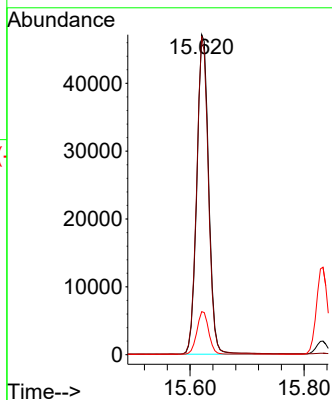
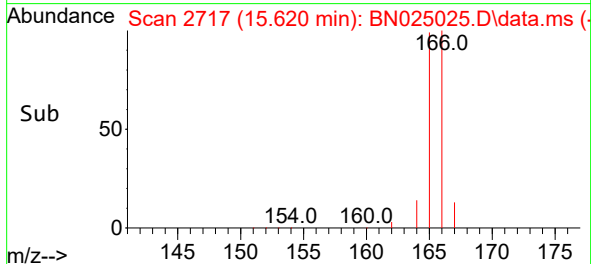


#12
 Fluorene
 Concen: 1.533 ng/ul
 RT: 15.620 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33

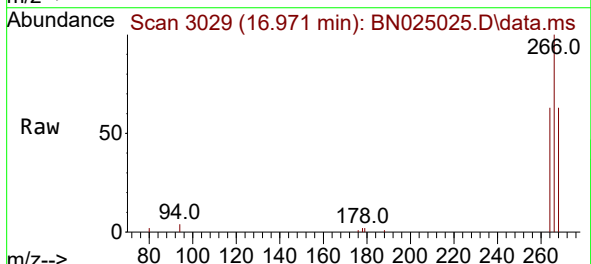
Instrument :
 BNA_N
 ClientSampleId :



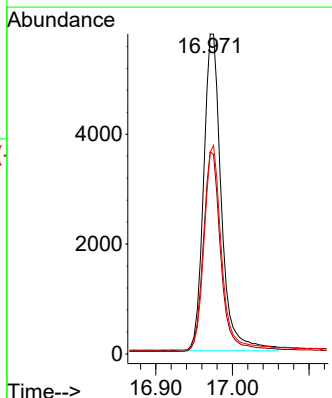
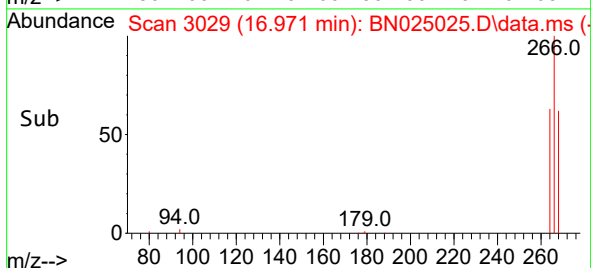
Tgt Ion:166 Resp: 67790
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.1 117.1
 167 13.4 11.0 16.6

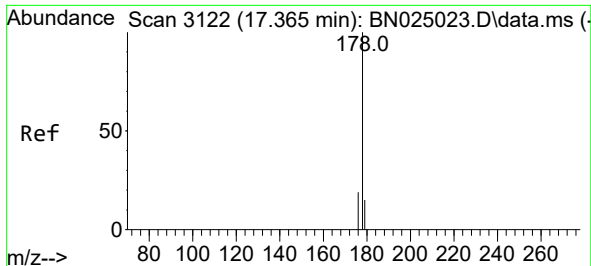


#14
 Pentachlorophenol
 Concen: 1.647 ng/ul
 RT: 16.971 min Scan# 3029
 Delta R.T. -0.005 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33



Tgt Ion:266 Resp: 9271
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 63.4 51.3 76.9

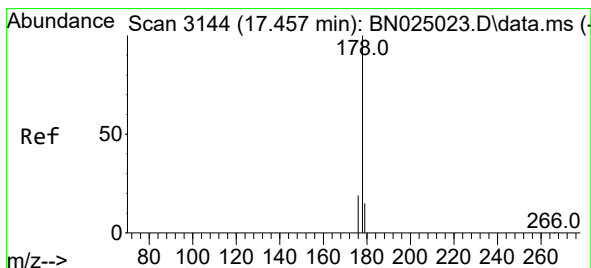
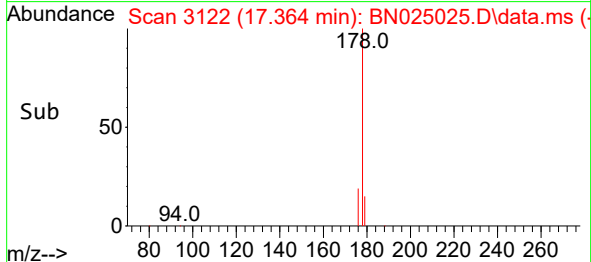
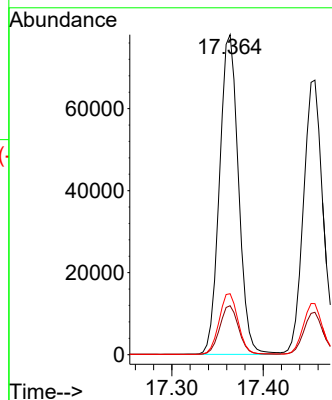
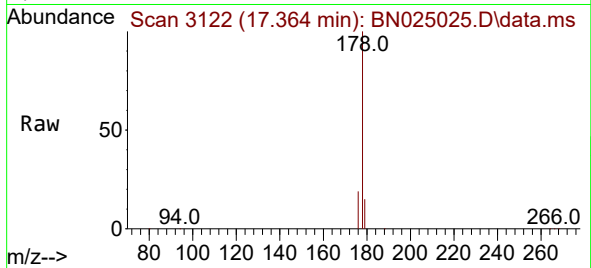




#15
Phenanthrene
Concen: 1.505 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

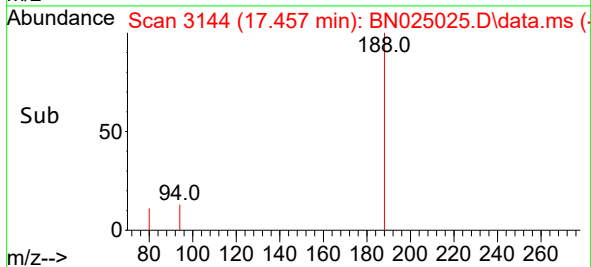
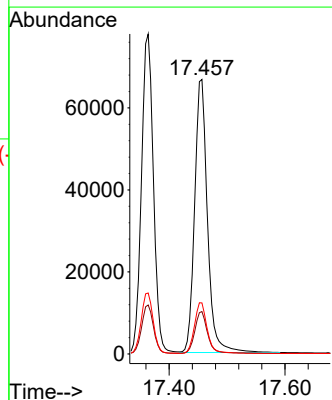
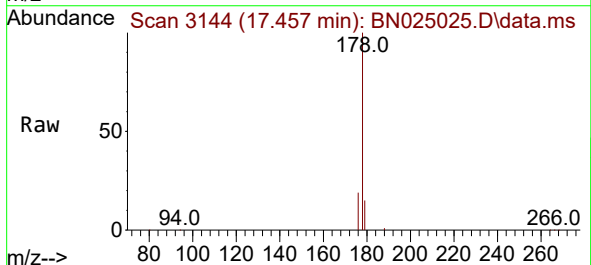
Instrument :
BNA_N
ClientSampleId :

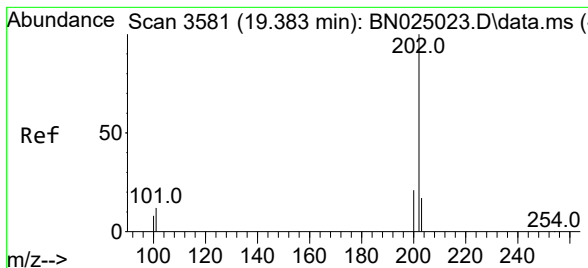
Tgt Ion:178 Resp: 111956
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.0 15.6 23.4



#16
Anthracene
Concen: 1.650 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

Tgt Ion:178 Resp: 102044
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.6 15.3 22.9





#19

Fluoranthene

Concen: 1.531 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. -0.001 min

Lab File: BN025025.D

Acq: 20 Apr 2023 06:33

Instrument :

BNA_N

ClientSampleId :

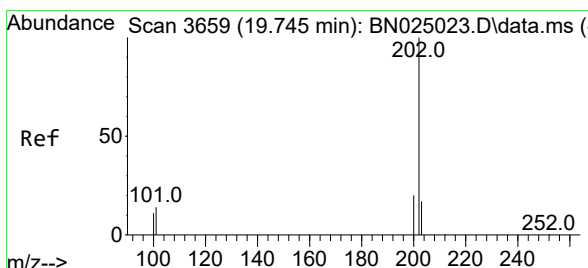
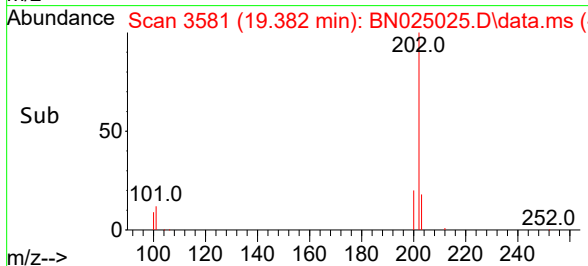
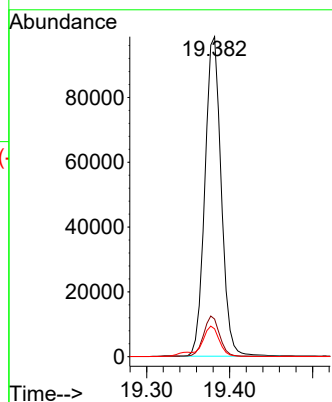
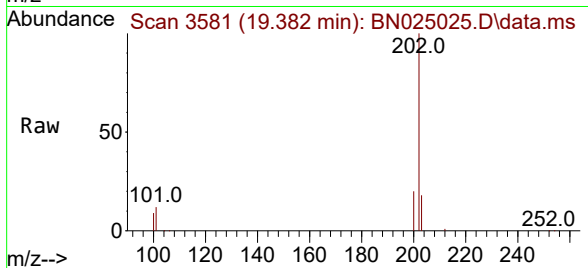
Tgt Ion:202 Resp: 134780

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

100 8.7 7.3 10.9



#20

Pyrene

Concen: 1.534 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.001 min

Lab File: BN025025.D

Acq: 20 Apr 2023 06:33

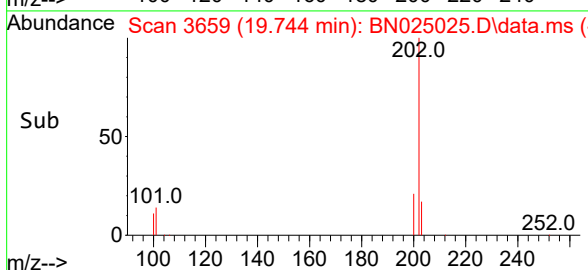
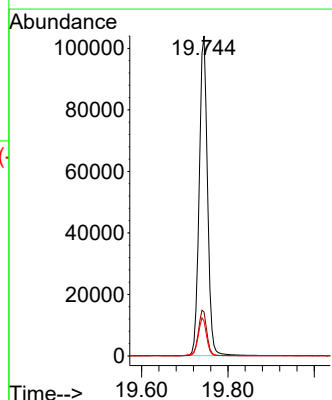
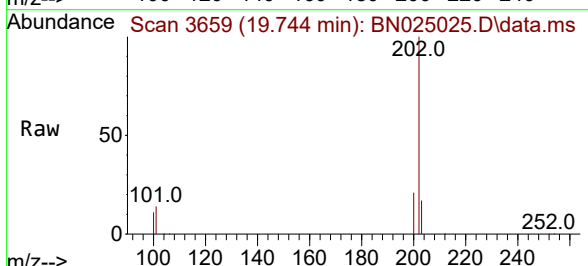
Tgt Ion:202 Resp: 138351

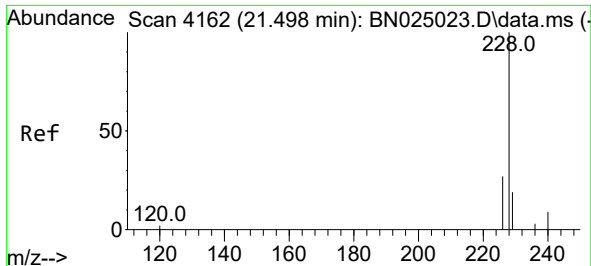
Ion Ratio Lower Upper

202 100

101 13.8 11.3 16.9

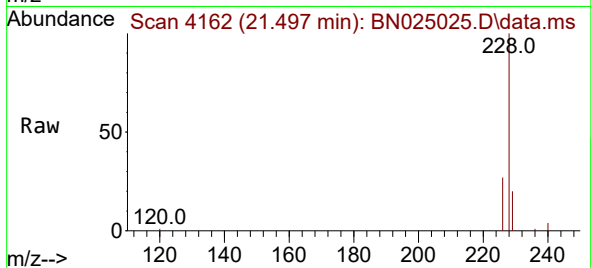
100 10.9 9.2 13.8



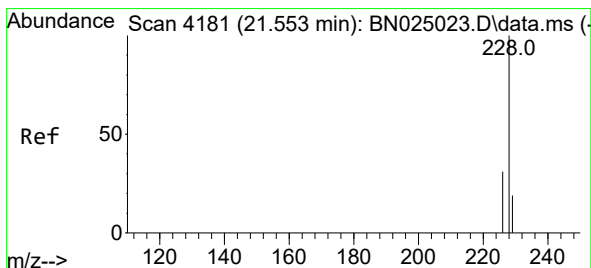
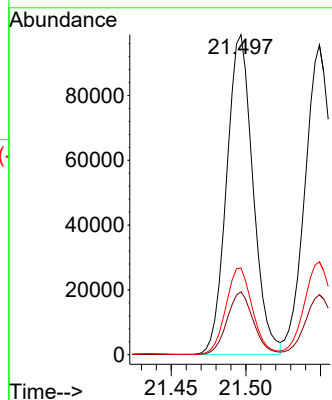
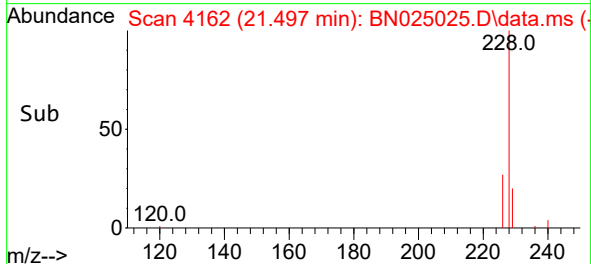


#21
Benzo(a)anthracene
Concen: 1.502 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.001 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

Instrument :
BNA_N
ClientSampleId :

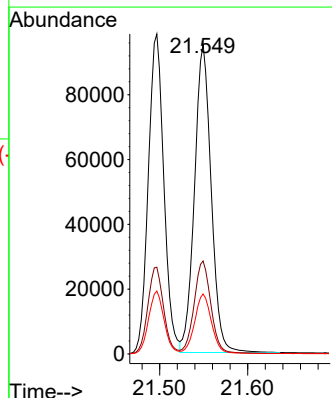
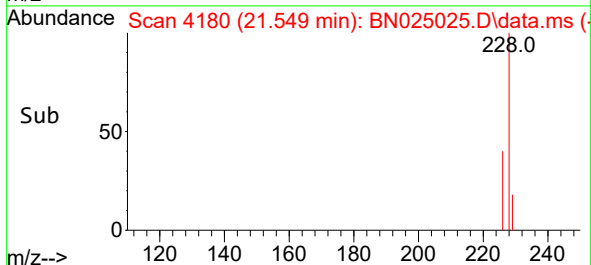
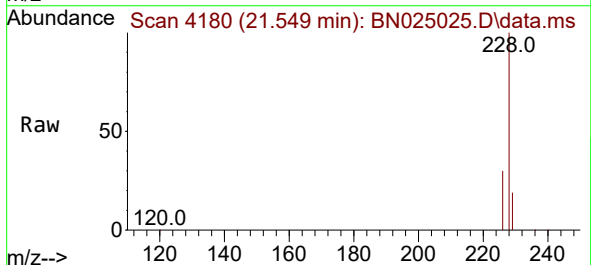


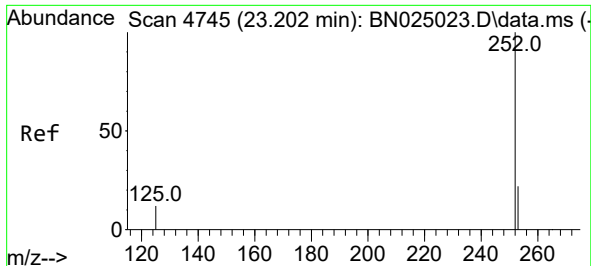
Tgt Ion:228 Resp: 121230
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.1 22.1 33.1



#22
Chrysene
Concen: 1.434 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.004 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

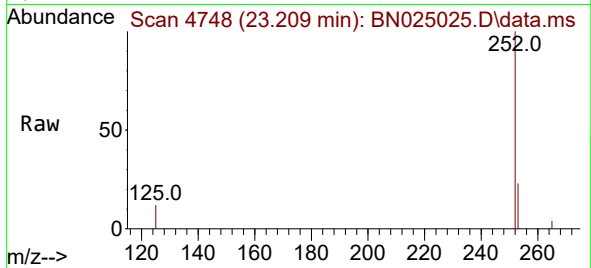
Tgt Ion:228 Resp: 125304
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.3 15.8 23.6



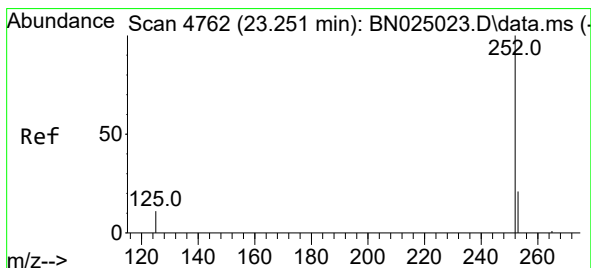
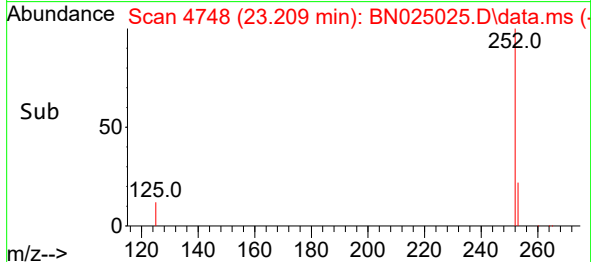
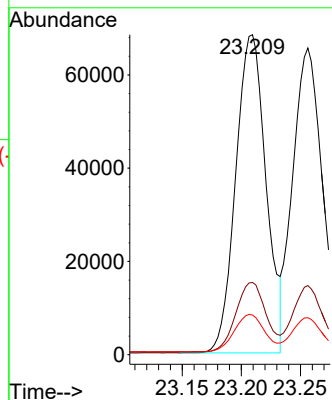


#24
Benzo(b)fluoranthene
Concen: 1.615 ng/ul
RT: 23.209 min Scan# 4745
Delta R.T. 0.008 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

Instrument :
BNA_N
ClientSampleId :

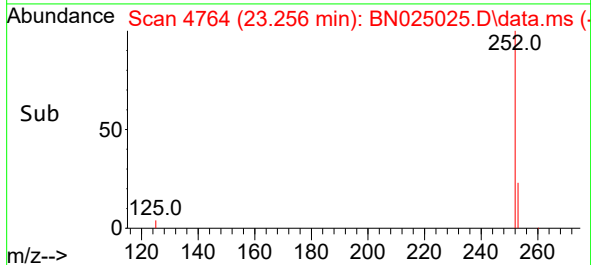
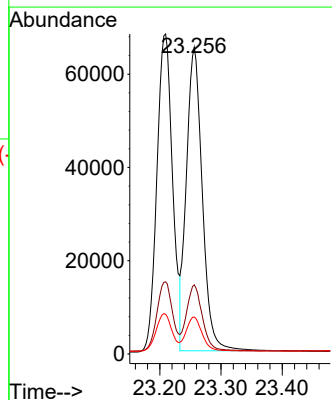
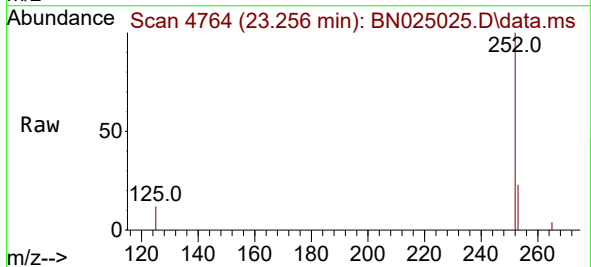


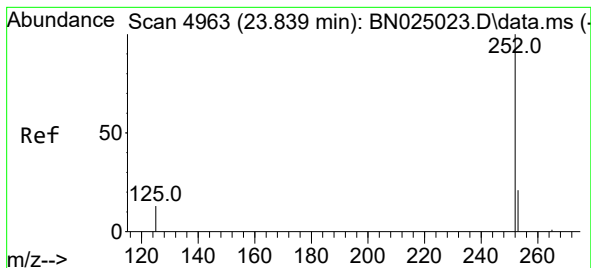
Tgt Ion:252 Resp: 121618
Ion Ratio Lower Upper
252 100
253 22.6 0.0 50.2
125 12.4 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 1.601 ng/ul
RT: 23.256 min Scan# 4764
Delta R.T. 0.005 min
Lab File: BN025025.D
Acq: 20 Apr 2023 06:33

Tgt Ion:252 Resp: 117585
Ion Ratio Lower Upper
252 100
253 22.5 20.2 30.4
125 12.0 11.8 17.8





#26

Benzo(a)pyrene

Concen: 1.585 ng/ul

RT: 23.847 min Scan# 4963

Delta R.T. 0.008 min

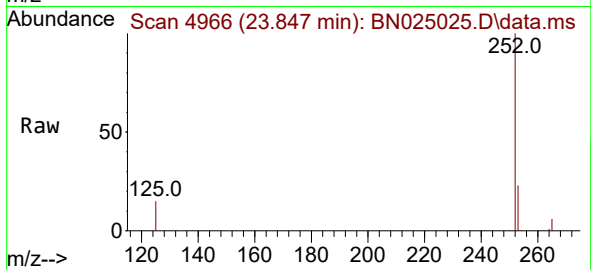
Lab File: BN025025.D

Acq: 20 Apr 2023 06:33

Instrument :

BNA_N

ClientSampleId :



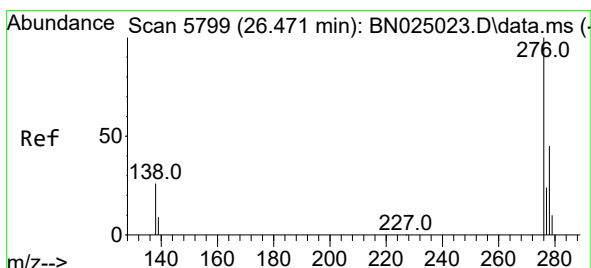
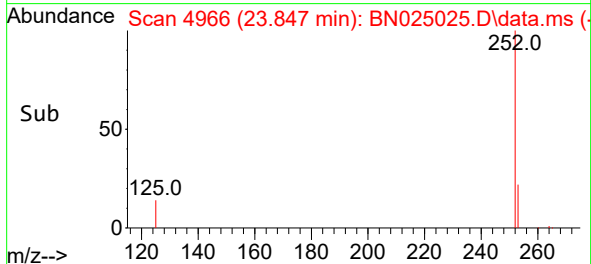
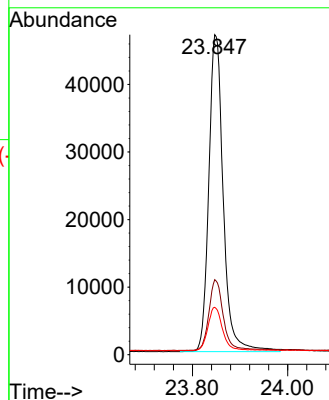
Tgt Ion:252 Resp: 98951

Ion Ratio Lower Upper

252 100

253 23.5 21.4 32.2

125 14.8 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.572 ng/ul

RT: 26.500 min Scan# 5808

Delta R.T. 0.029 min

Lab File: BN025025.D

Acq: 20 Apr 2023 06:33

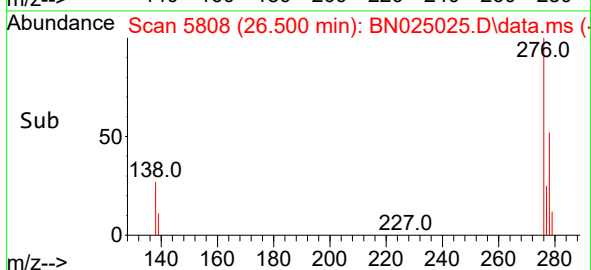
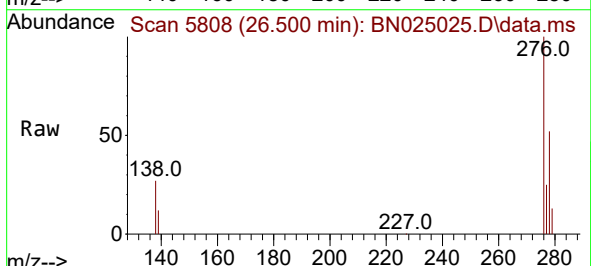
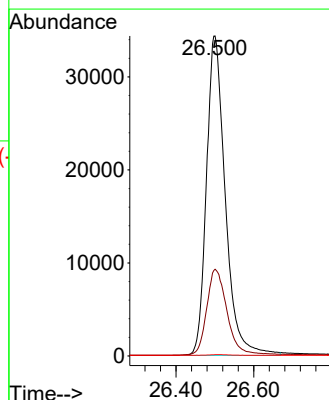
Tgt Ion:276 Resp: 115809

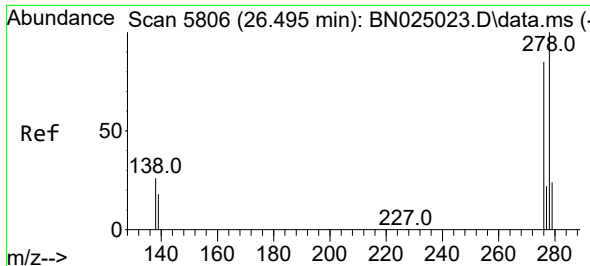
Ion Ratio Lower Upper

276 100

138 29.2 21.9 32.9

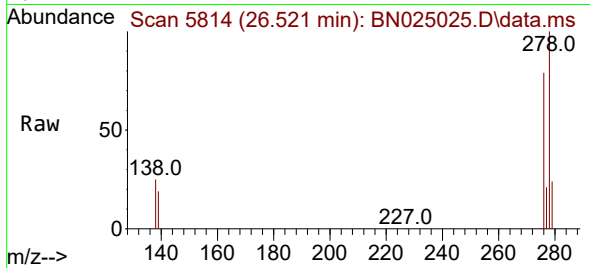
227 0.3 0.1 0.1#



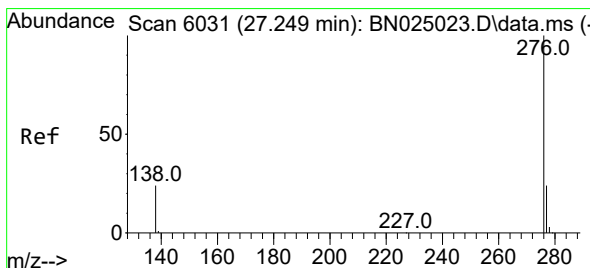
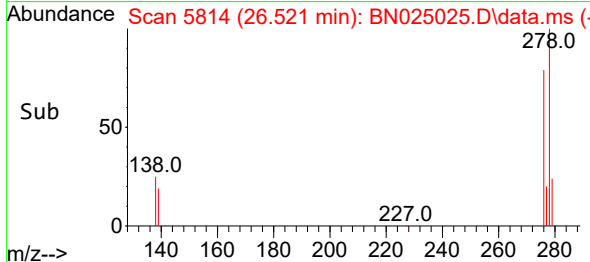
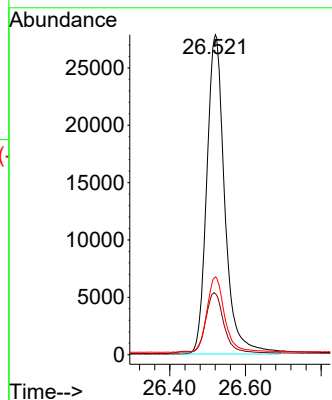


#28
 Dibenzo(a,h)anthracene
 Concen: 1.590 ng/ul
 RT: 26.521 min Scan# 5814
 Delta R.T. 0.026 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 91988
 Ion Ratio Lower Upper
 278 100
 139 19.1 17.0 25.6
 279 24.3 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 1.531 ng/ul
 RT: 27.282 min Scan# 6041
 Delta R.T. 0.033 min
 Lab File: BN025025.D
 Acq: 20 Apr 2023 06:33

Tgt Ion:276 Resp: 95355
 Ion Ratio Lower Upper
 276 100
 138 24.9 20.3 30.5
 277 23.7 19.8 29.6

