

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
 Data File : BN023546.D
 Acq On : 04 Jan 2023 09:54
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 04 12:57:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:28:51 2023
 Response via : Initial Calibration

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

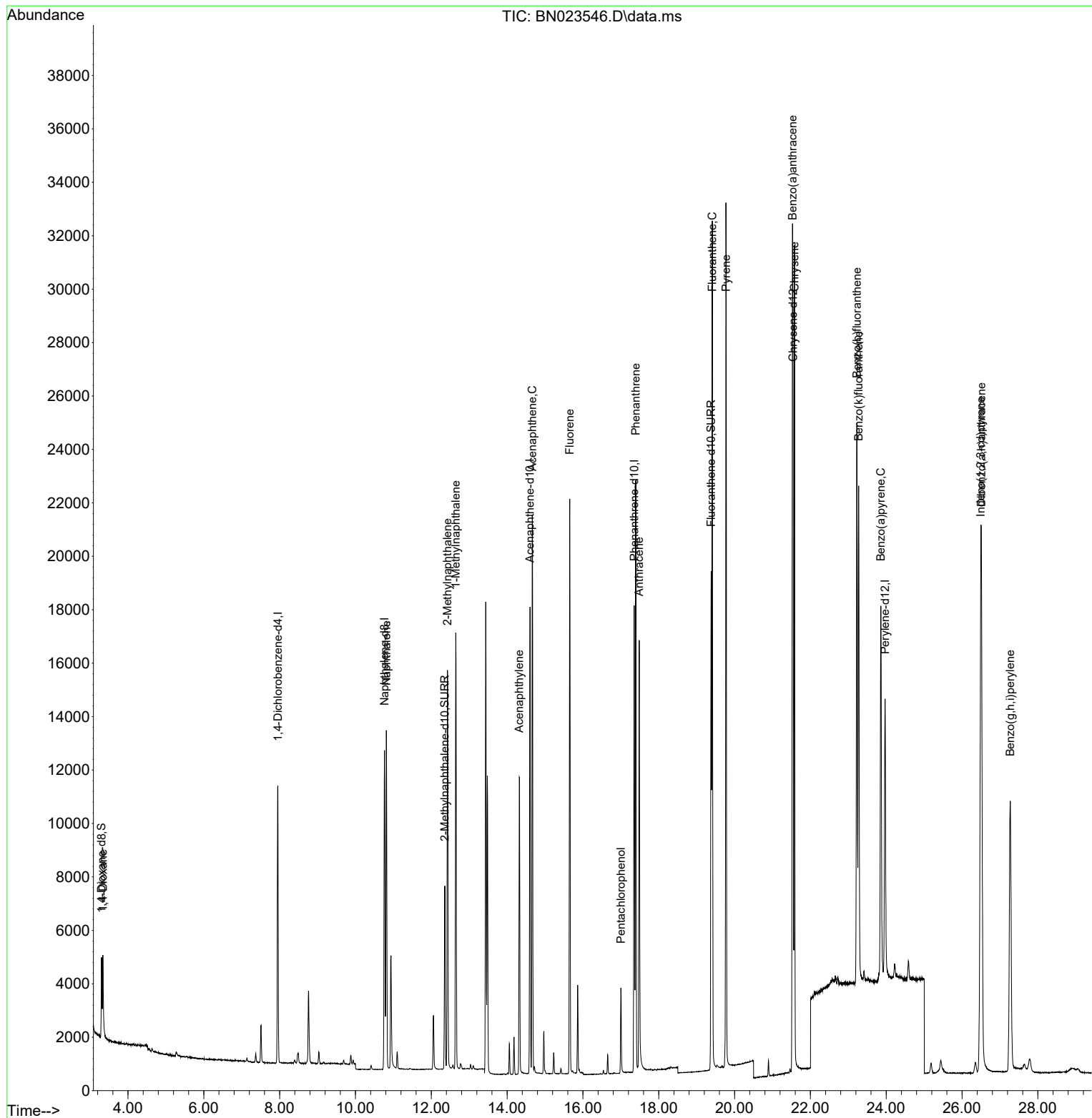
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	5192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	15748	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	9023	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	19949	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	18683	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	14967	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2197	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	8626	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	19756	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	2192	0.364	ng/ul#	87
5) Naphthalene	10.815	128	16522	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.427	142	10338	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.647	142	10666	0.358	ng/ul	100
10) Acenaphthylene	14.322	152	12659	0.344	ng/ul	99
11) Acenaphthene	14.664	153	11690	0.360	ng/ul	98
12) Fluorene	15.654	166	13280	0.356	ng/ul	100
14) Pentachlorophenol	17.002	266	2024	0.315	ng/ul	99
15) Phenanthrene	17.394	178	22524	0.361	ng/ul	100
16) Anthracene	17.483	178	18360	0.343	ng/ul	100
19) Fluoranthene	19.411	202	26154	0.370	ng/ul	98
20) Pyrene	19.773	202	26549	0.357	ng/ul	97
21) Benzo(a)anthracene	21.525	228	23819	0.345	ng/ul	99
22) Chrysene	21.581	228	25549	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.227	252	26596	0.384	ng/ul	99
25) Benzo(k)fluoranthene	23.273	252	24606	0.377	ng/ul	99
26) Benzo(a)pyrene	23.858	252	21011	0.365	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.493	276	27979	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.510	278	22247	0.392	ng/ul	100
29) Benzo(g,h,i)perylene	27.271	276	22769	0.398	ng/ul	100

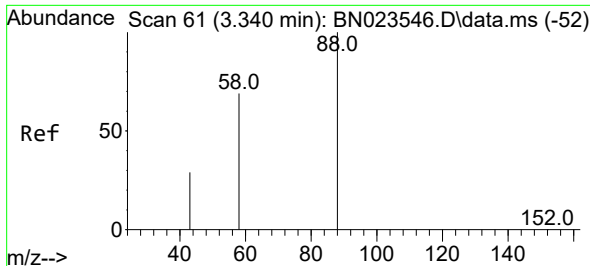
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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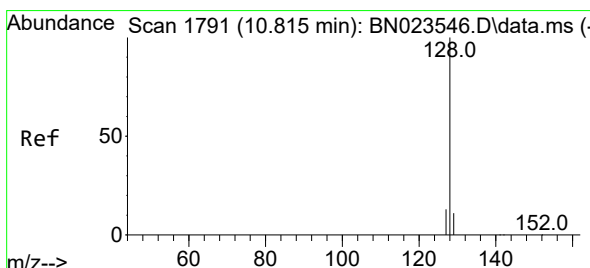
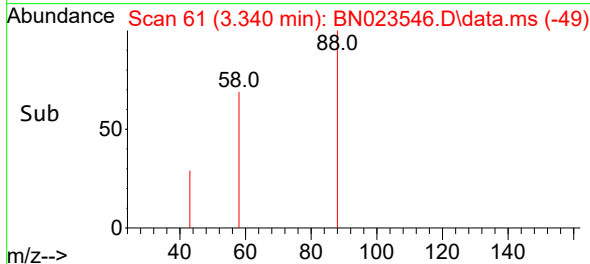
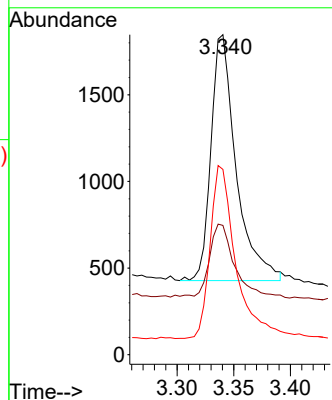
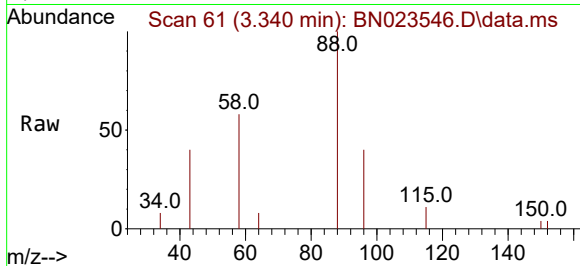




#2
1,4-Dioxane
Concen: 0.364 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

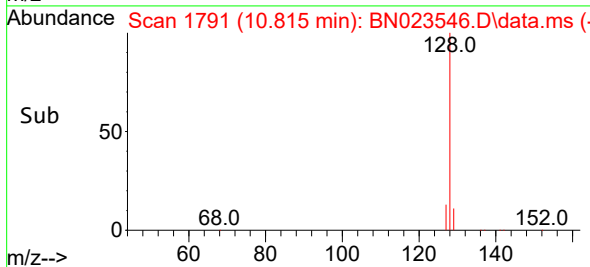
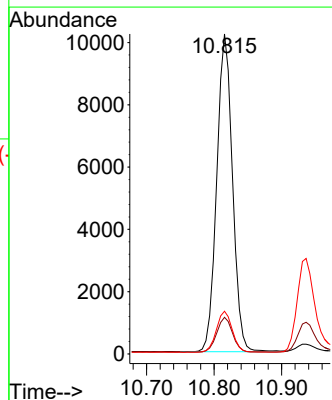
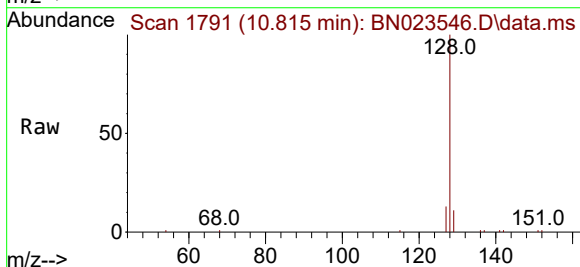
Instrument :
BNA_N
ClientSampleId :

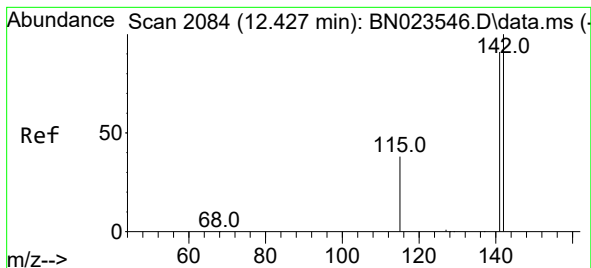
Tgt Ion: 88 Resp: 2192
Ion Ratio Lower Upper
88 100
43 40.4 44.0 66.0#
58 57.9 50.5 75.7



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Tgt Ion: 128 Resp: 16522
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.9 16.3

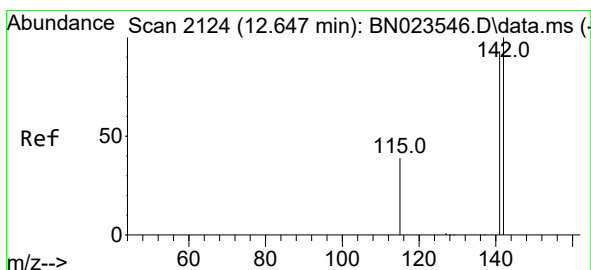
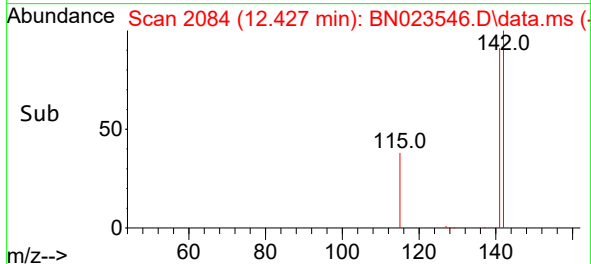
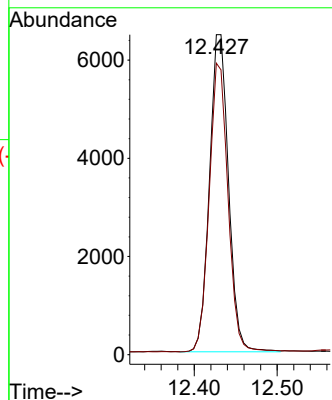
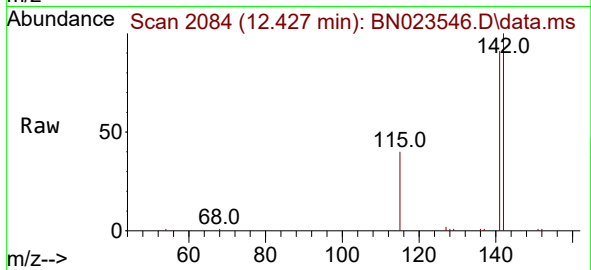




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.427 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

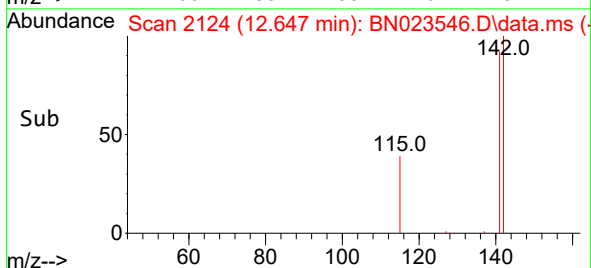
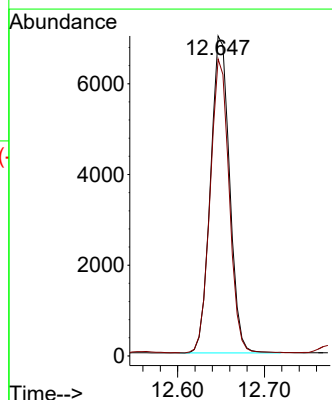
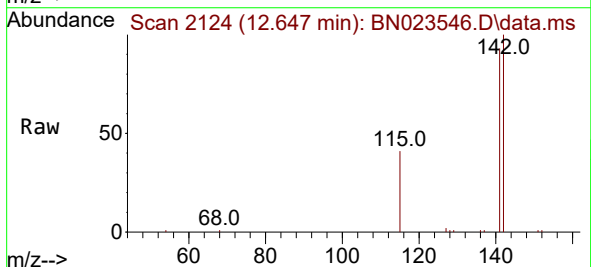
Instrument :
BNA_N
ClientSampleId :

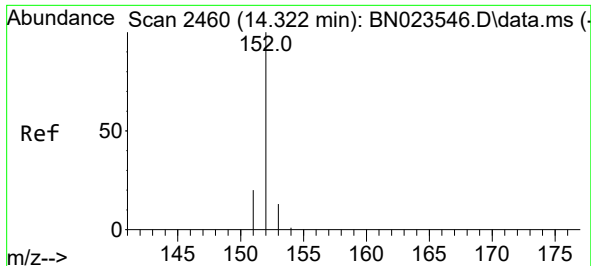
Tgt Ion:142 Resp: 10338
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.647 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

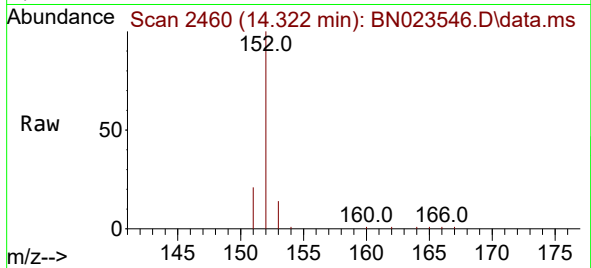
Tgt Ion:142 Resp: 10666
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1



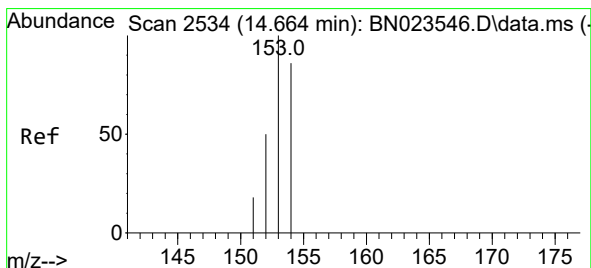
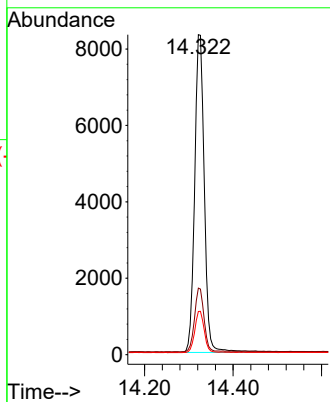
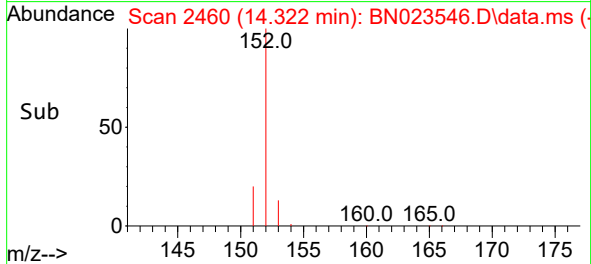


#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.322 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :

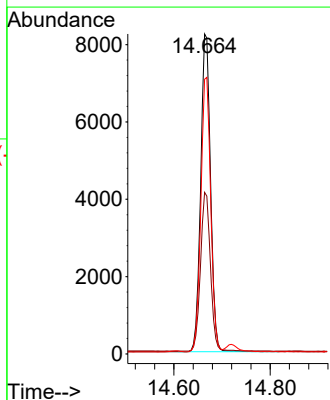
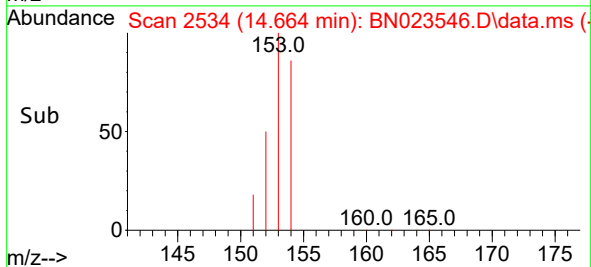
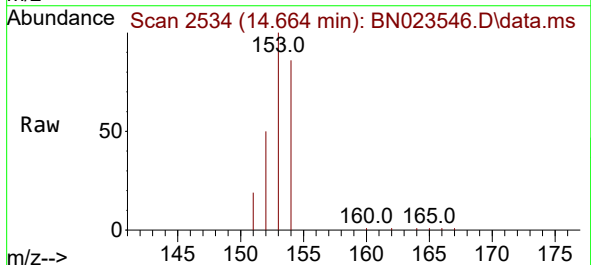


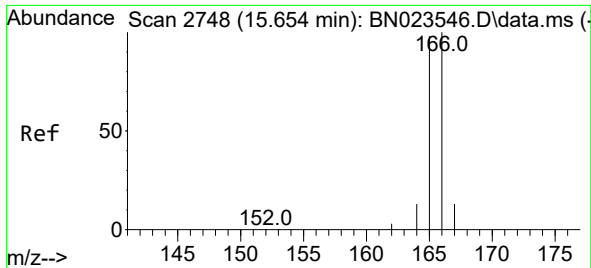
Tgt Ion:152 Resp: 12659
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.664 min Scan# 2534
Delta R.T. -0.005 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

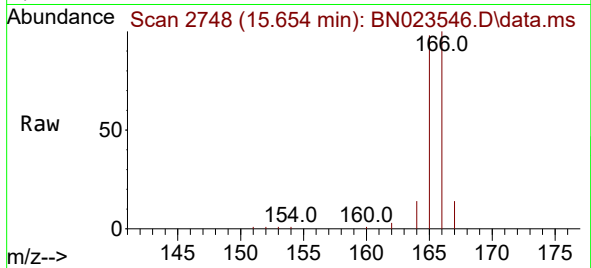
Tgt Ion:153 Resp: 11690
Ion Ratio Lower Upper
153 100
152 50.5 39.8 59.8
154 85.9 70.1 105.1



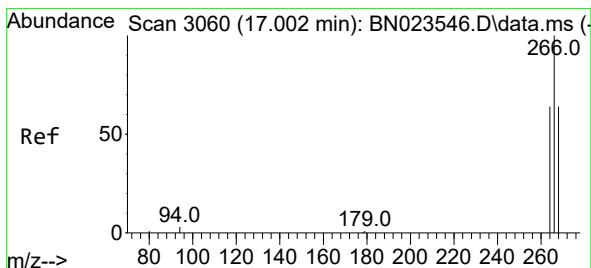
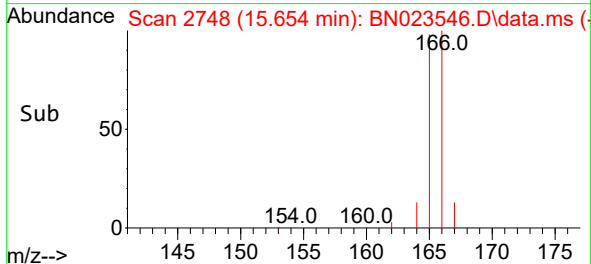
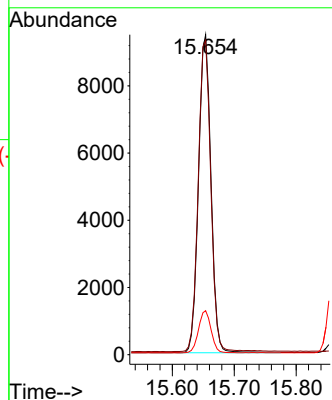


#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :

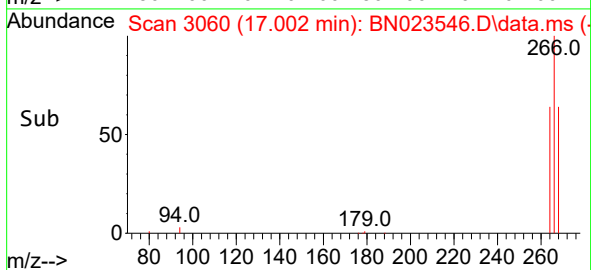
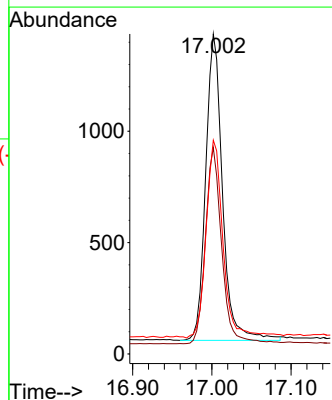
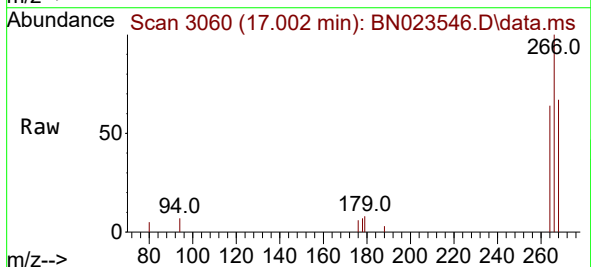


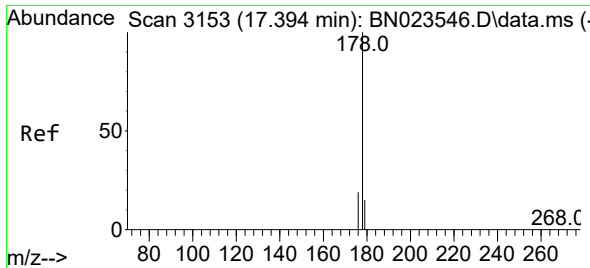
Tgt Ion:166 Resp: 13280
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 13.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.315 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

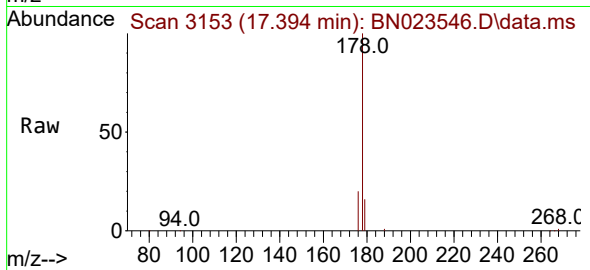
Tgt Ion:266 Resp: 2024
Ion Ratio Lower Upper
266 100
264 62.2 50.0 75.0
268 65.9 51.4 77.0



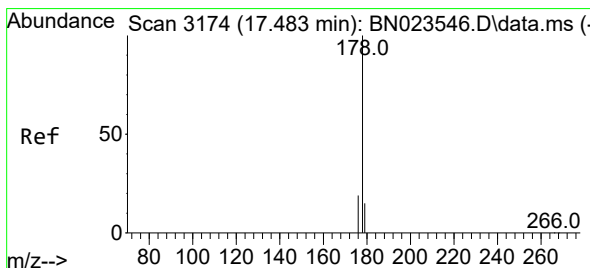
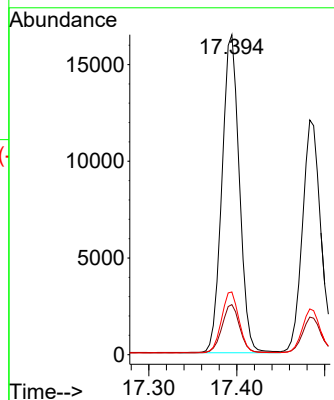


#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :

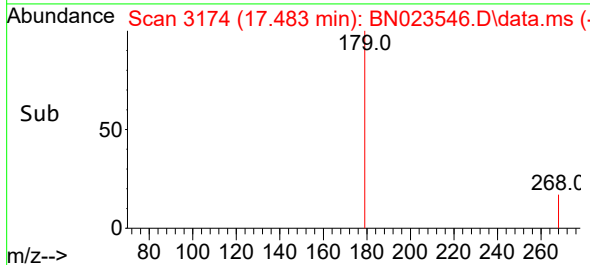
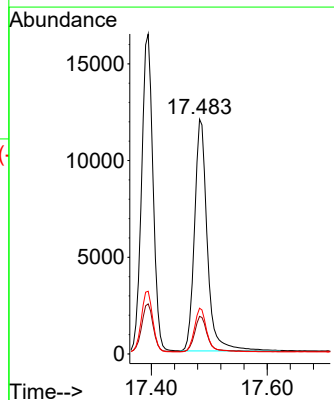
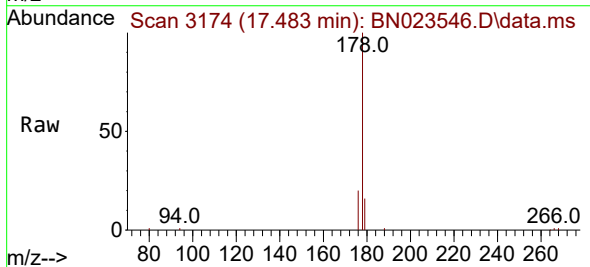


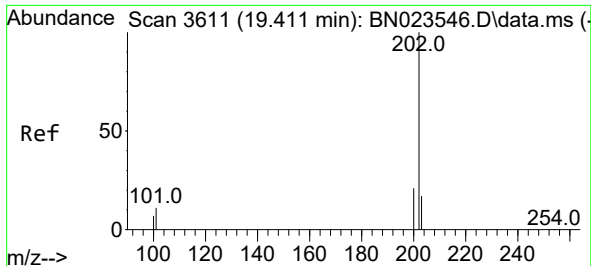
Tgt Ion:178 Resp: 22524
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.483 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Tgt Ion:178 Resp: 18360
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.5 15.4 23.2





#19

Fluoranthene

Concen: 0.370 ng/ul

RT: 19.411 min Scan# 3611

Delta R.T. 0.000 min

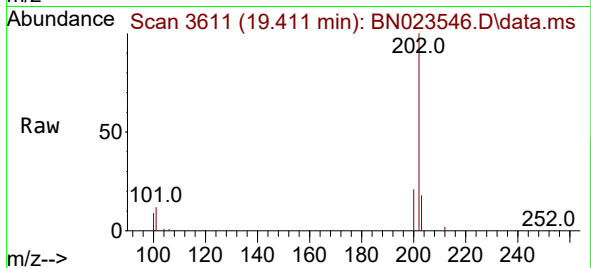
Lab File: BN023546.D

Acq: 04 Jan 2023 09:54

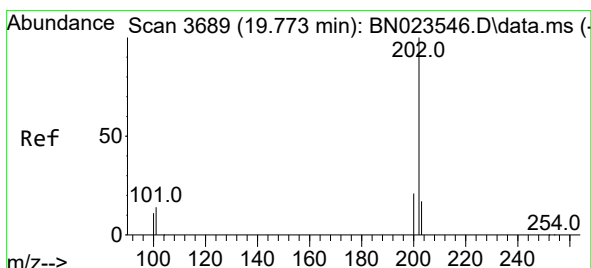
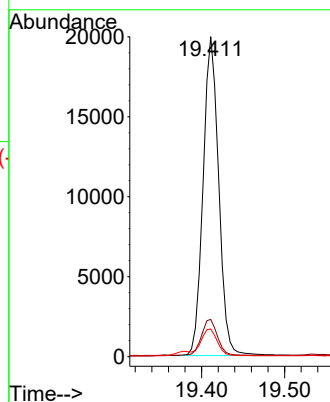
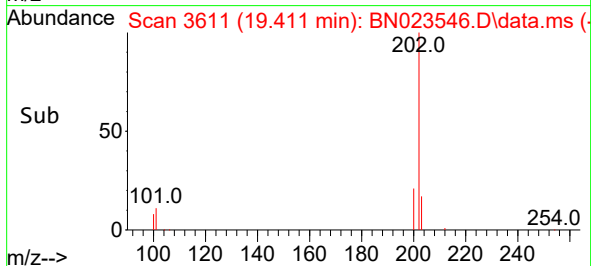
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	202	Resp:	26154
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.8	14.6
100	8.7	7.4	11.2



#20

Pyrene

Concen: 0.357 ng/ul

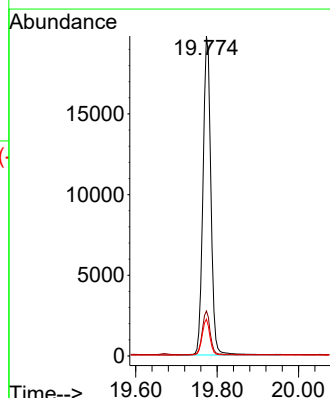
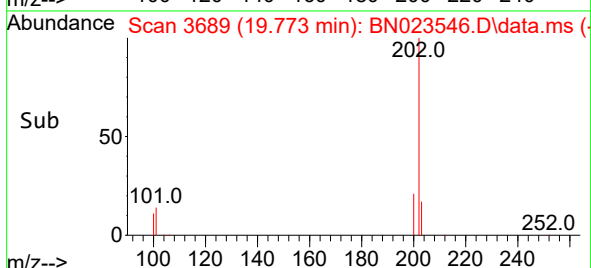
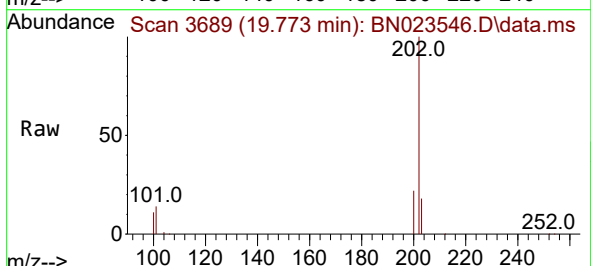
RT: 19.773 min Scan# 3689

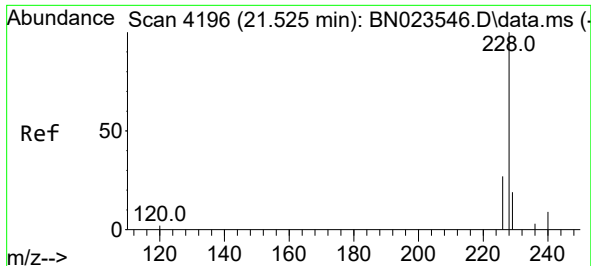
Delta R.T. -0.005 min

Lab File: BN023546.D

Acq: 04 Jan 2023 09:54

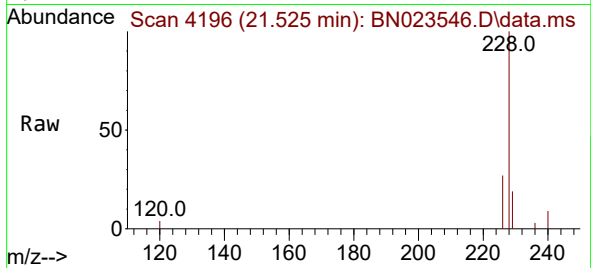
Tgt Ion:	202	Resp:	26549
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.3	15.5
100	11.5	8.0	12.0



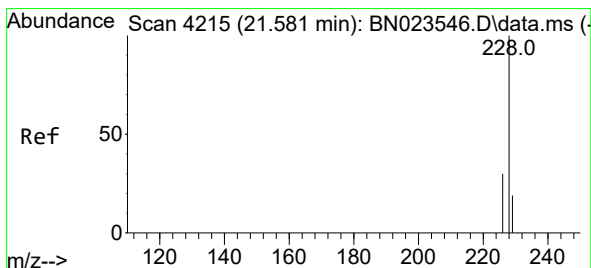
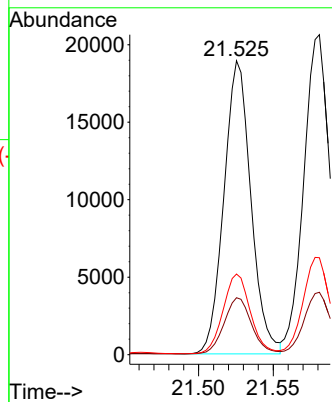
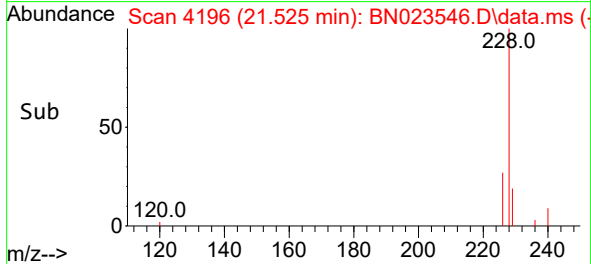


#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

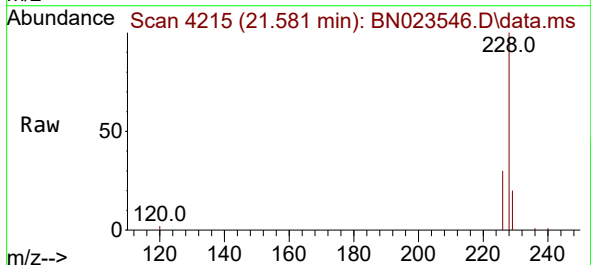
Instrument :
BNA_N
ClientSampleId :



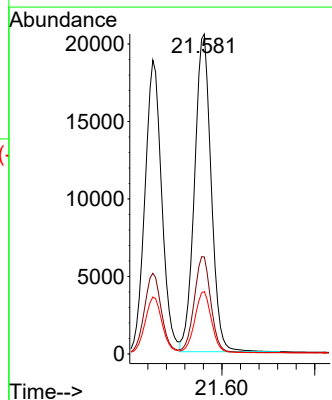
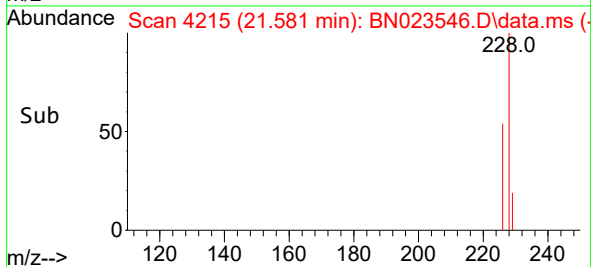
Tgt Ion:228 Resp: 23819
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.4 22.4 33.6

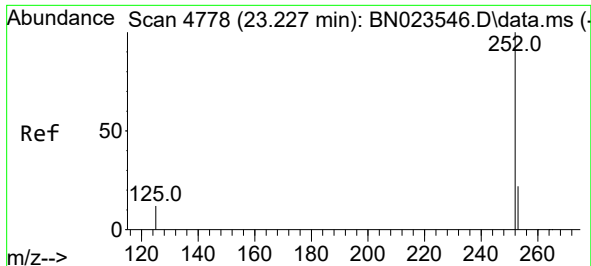


#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.581 min Scan# 4215
Delta R.T. 0.003 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54



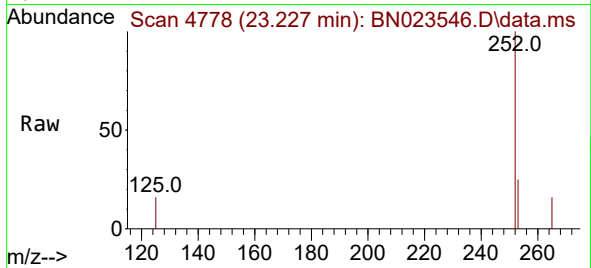
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Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 19.5 15.8 23.6



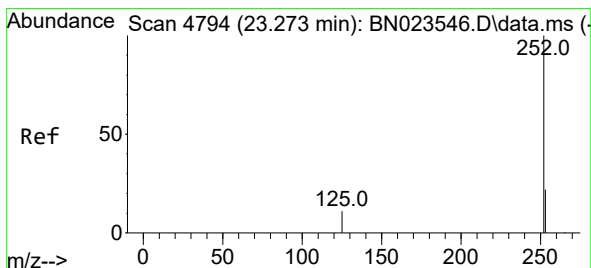
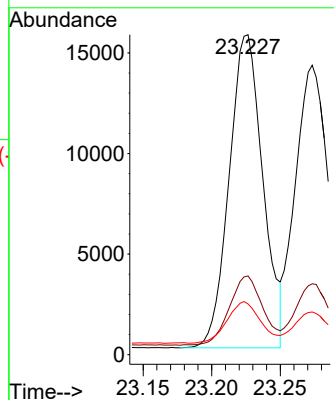


#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.227 min Scan# 4778
Delta R.T. 0.003 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :

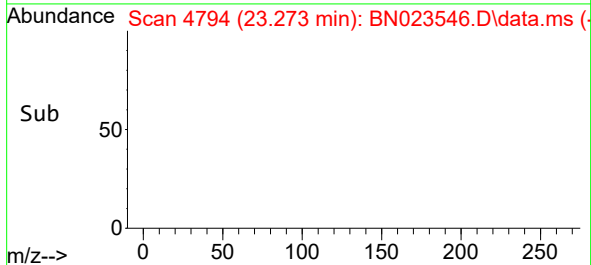
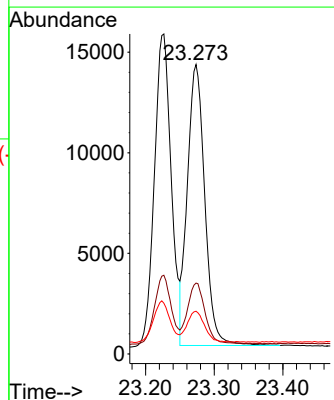
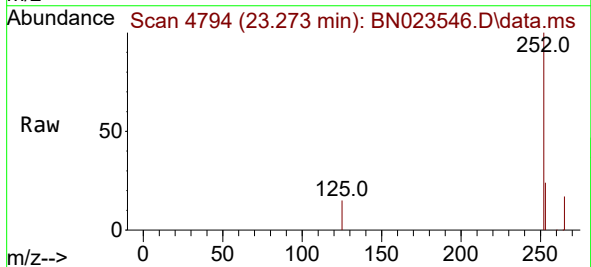


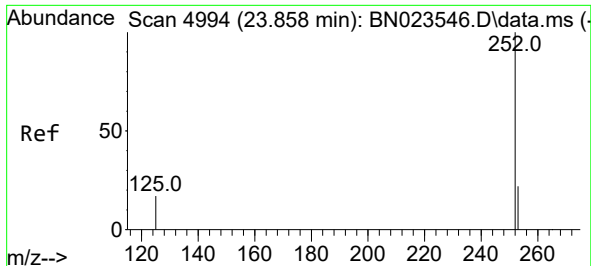
Tgt Ion:252 Resp: 26596
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.2
125 15.9 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

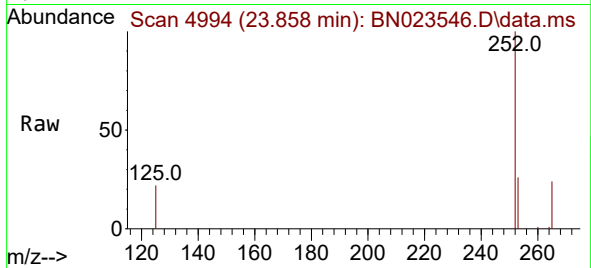
Tgt Ion:252 Resp: 24606
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.2
125 14.8 12.1 18.1



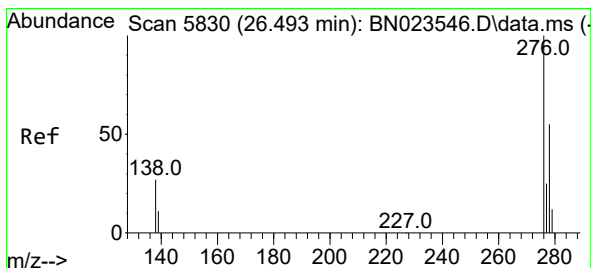
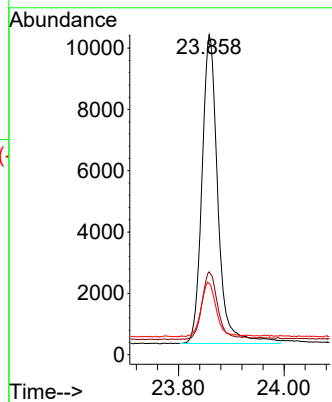
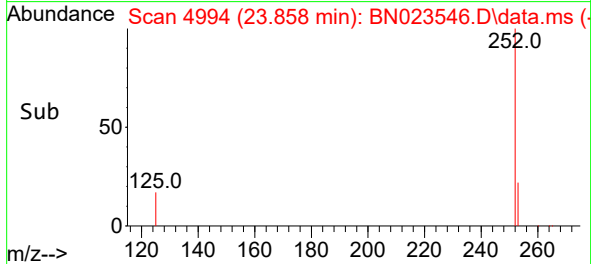


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :

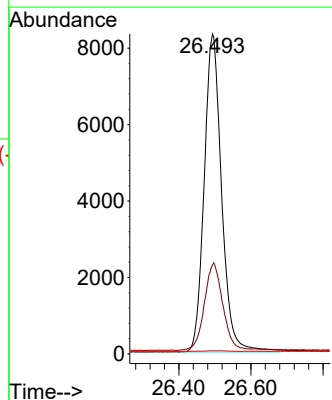
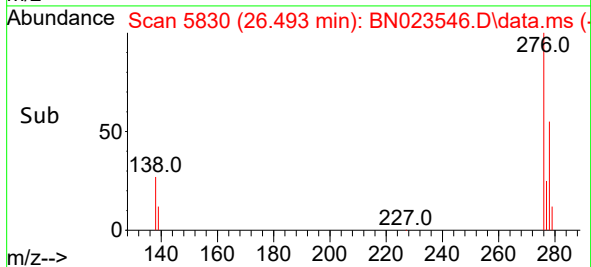
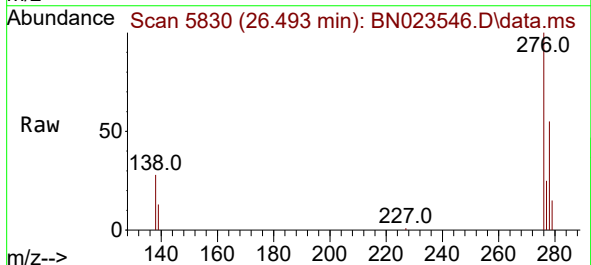


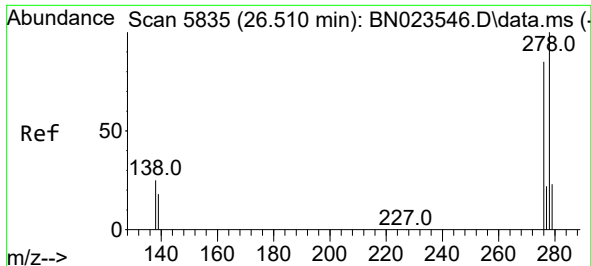
Tgt Ion:252 Resp: 21011
Ion Ratio Lower Upper
252 100
253 25.9 21.4 32.0
125 22.2 18.4 27.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.493 min Scan# 5830
Delta R.T. 0.000 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

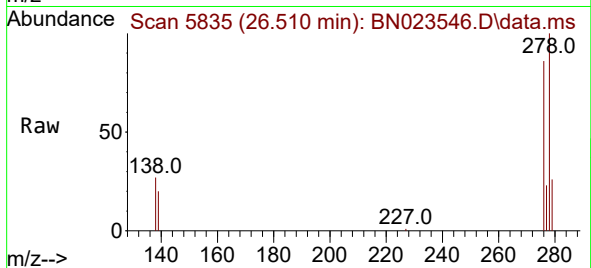
Tgt Ion:276 Resp: 27979
Ion Ratio Lower Upper
276 100
138 29.4 23.2 34.8
227 0.0 0.1 0.1#



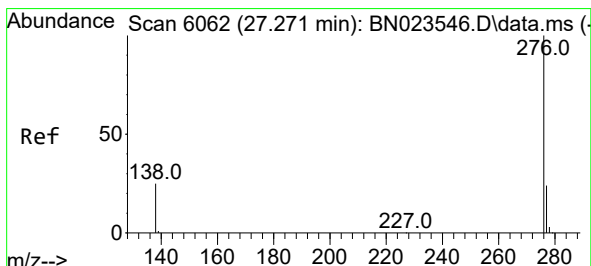
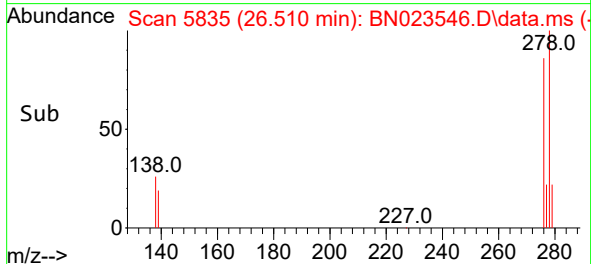
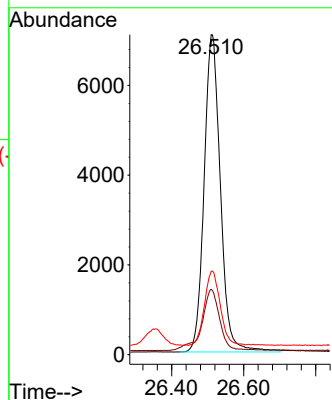


#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.510 min Scan# 5835
Delta R.T. -0.003 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 22247
Ion Ratio Lower Upper
278 100
139 20.4 16.5 24.7
279 26.1 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.271 min Scan# 6062
Delta R.T. 0.003 min
Lab File: BN023546.D
Acq: 04 Jan 2023 09:54

Tgt Ion:276 Resp: 22769
Ion Ratio Lower Upper
276 100
138 26.0 20.7 31.1
277 24.7 19.6 29.4

