

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033636.D
 Acq On : 27 Aug 2024 14:48
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV208

Quant Time: Aug 27 23:49:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:48:09 2024
 Response via : Initial Calibration

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

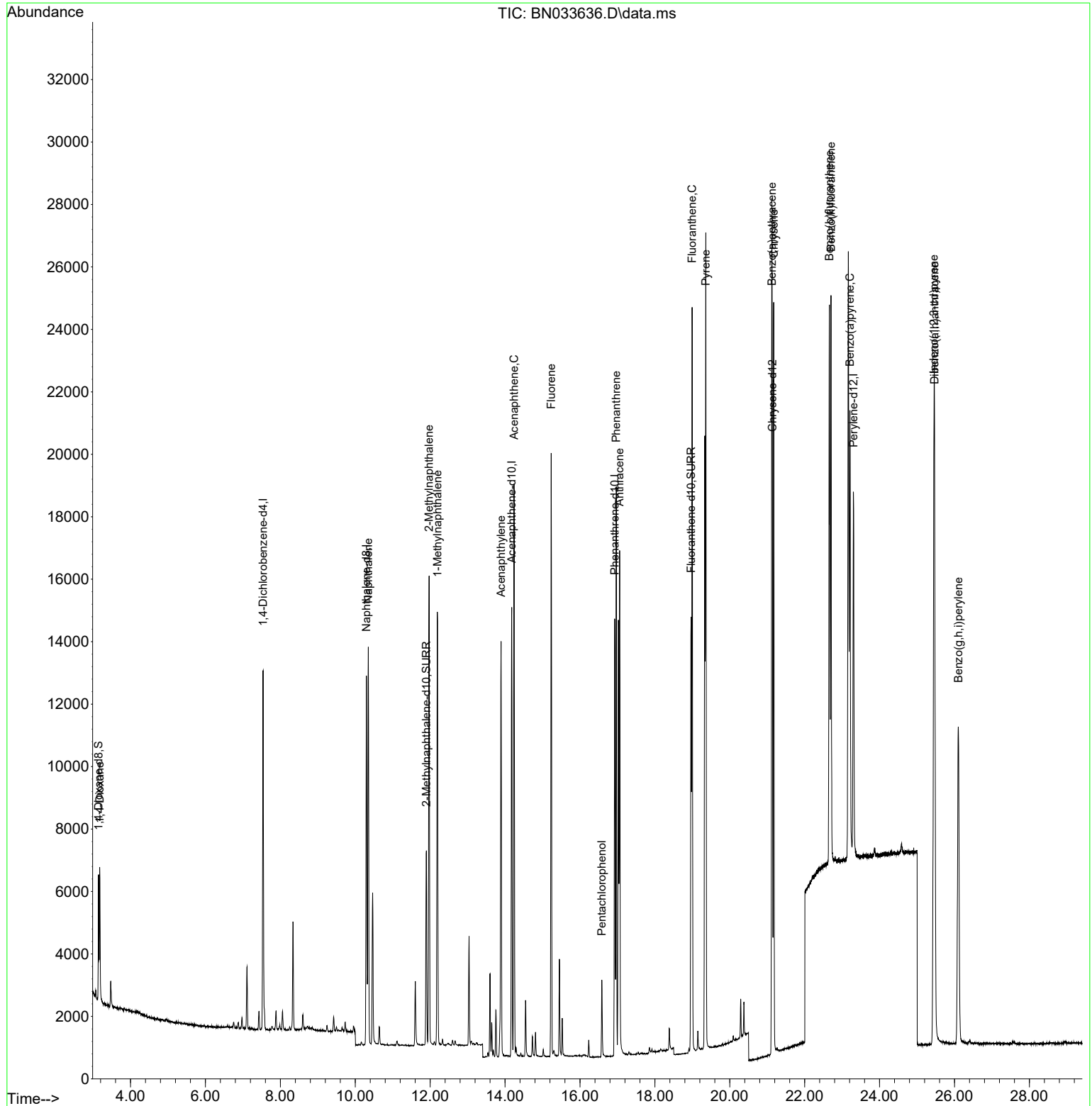
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	15133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.179	164	7741	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	15980	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	13187	0.400	ng/ul	0.00
23) Perylene-d12	23.301	264	14416	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	2508	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	8426	0.388	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	15481	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	2572	0.404	ng/ul	96
5) Naphthalene	10.349	128	16358	0.404	ng/ul	100
7) 2-Methylnaphthalene	11.971	142	10482	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.197	142	9720	0.369	ng/ul	99
10) Acenaphthylene	13.892	152	14575	0.415	ng/ul	99
11) Acenaphthene	14.239	153	10391	0.409	ng/ul	100
12) Fluorene	15.234	166	11683	0.412	ng/ul	99
14) Pentachlorophenol	16.585	266	1645	0.327	ng/ul	99
15) Phenanthrene	16.969	178	18217	0.386	ng/ul	99
16) Anthracene	17.058	178	16833	0.397	ng/ul	100
19) Fluoranthene	18.994	202	20341	0.391	ng/ul	98
20) Pyrene	19.361	202	21458	0.388	ng/ul	99
21) Benzo(a)anthracene	21.124	228	19890	0.383	ng/ul	99
22) Chrysene	21.173	228	20020	0.382	ng/ul	99
24) Benzo(b)fluoranthene	22.661	252	21189	0.379	ng/ul	99
25) Benzo(k)fluoranthene	22.702	252	20910	0.374	ng/ul	99
26) Benzo(a)pyrene	23.207	252	19138	0.426	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.452	276	25381	0.376	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.468	278	19908	0.380	ng/ul	99
29) Benzo(g,h,i)perylene	26.102	276	20033	0.380	ng/ul	99

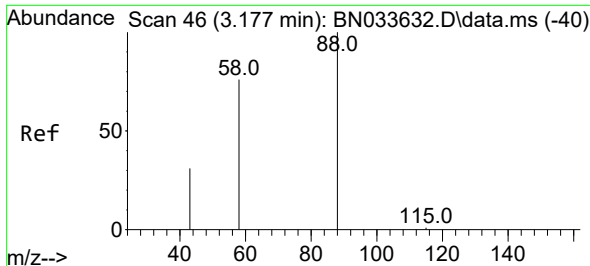
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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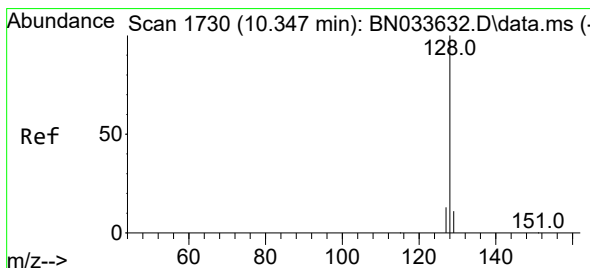
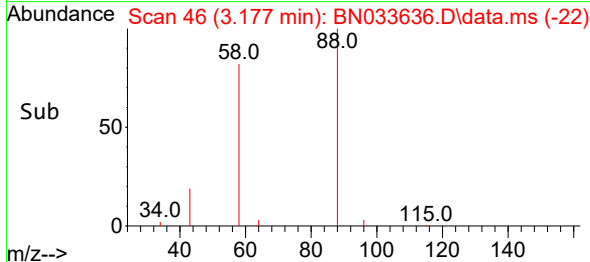
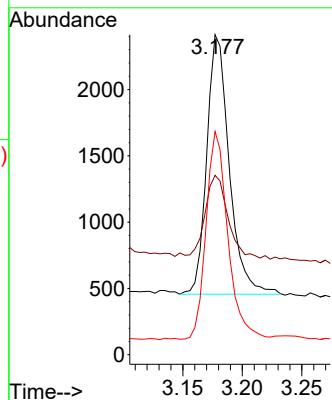
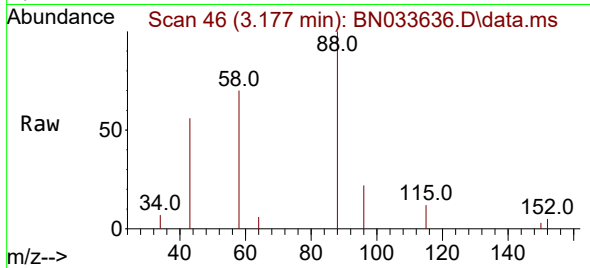




#2
1,4-Dioxane
Concen: 0.404 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

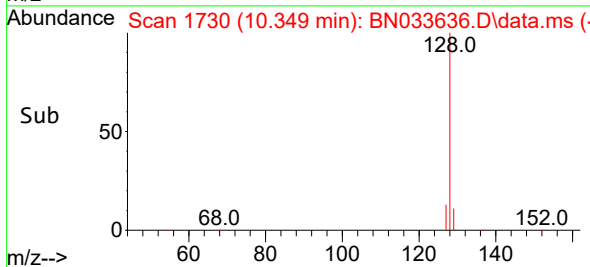
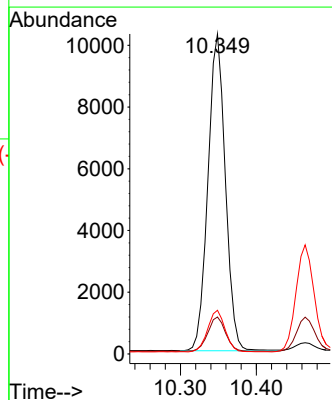
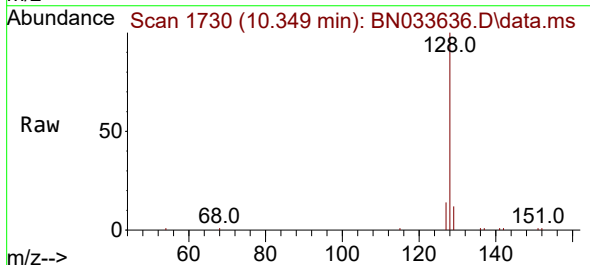
Instrument :
BNA_N
ClientSampleId :
SICV208

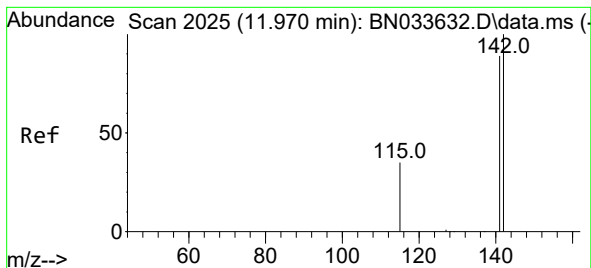
Tgt Ion: 88 Resp: 2572
Ion Ratio Lower Upper
88 100
43 56.0 47.0 70.4
58 69.8 53.0 79.4



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 128 Resp: 16358
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.7 10.8 16.2

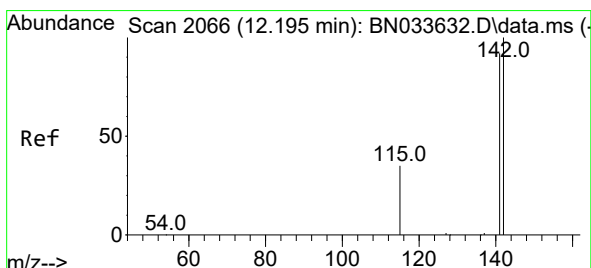
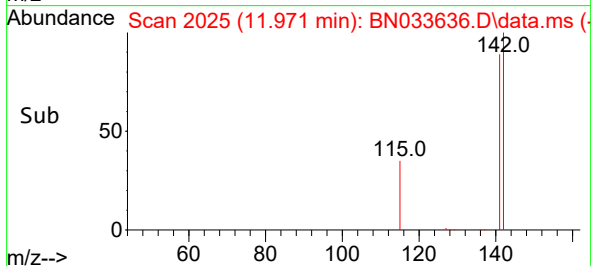
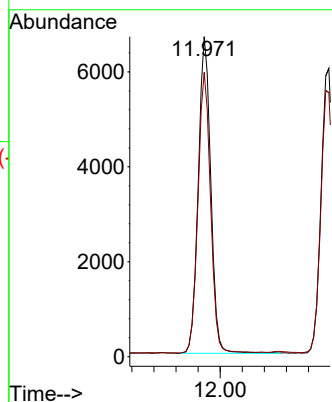
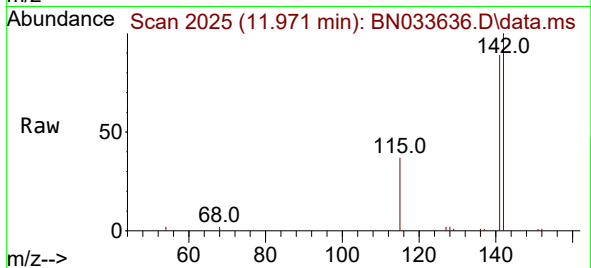




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

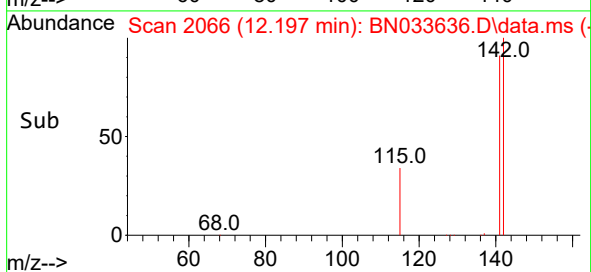
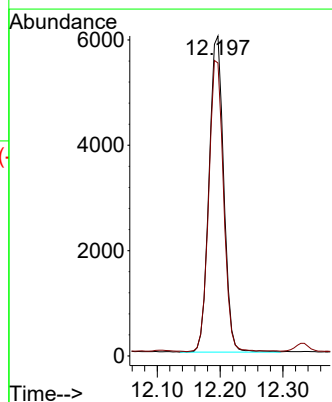
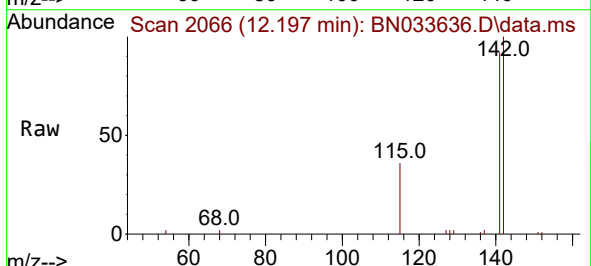
Instrument :
BNA_N
ClientSampleId :
SICV208

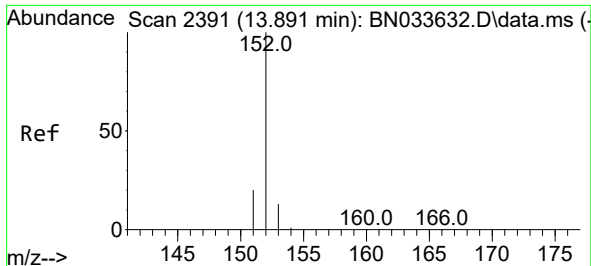
Tgt Ion:142 Resp: 10482
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Tgt Ion:142 Resp: 9720
Ion Ratio Lower Upper
142 100
141 93.0 73.6 110.4

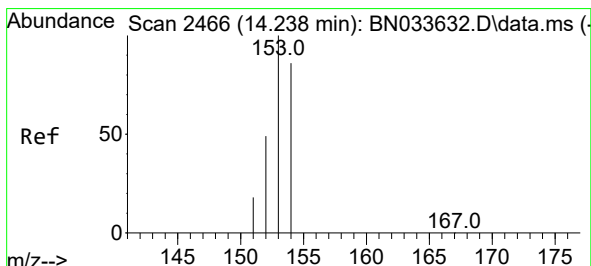
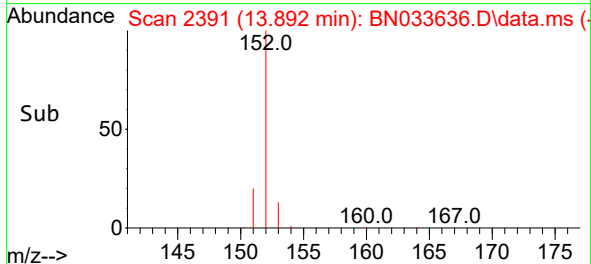
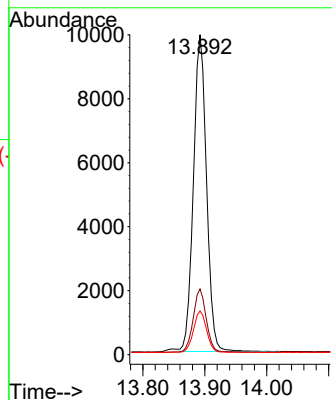
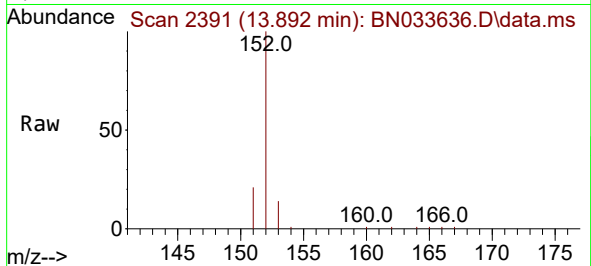




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 13.892 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

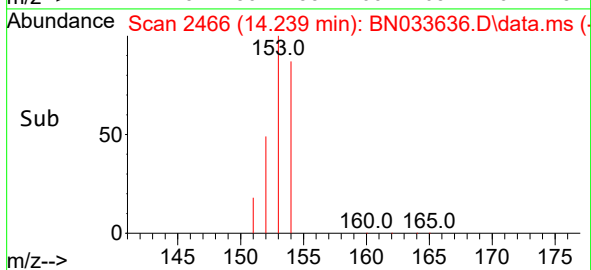
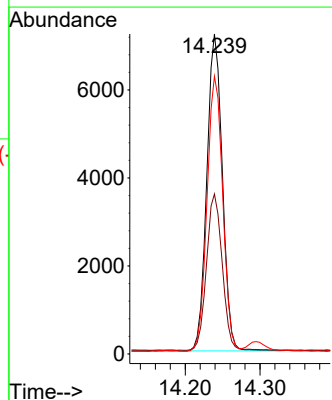
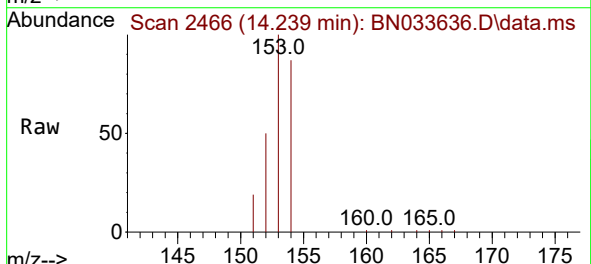
Instrument :
BNA_N
ClientSampleId :
SICV208

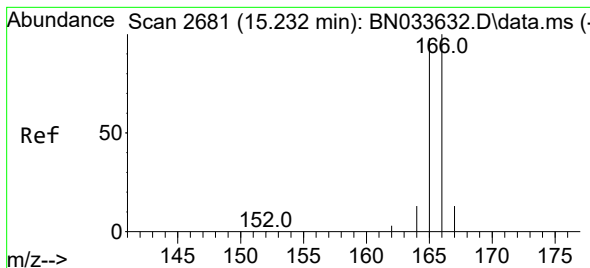
Tgt Ion:152 Resp: 14575
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Tgt Ion:153 Resp: 10391
Ion Ratio Lower Upper
153 100
152 50.0 39.8 59.8
154 86.8 69.0 103.6





#12

Fluorene

Concen: 0.412 ng/ul

RT: 15.234 min Scan# 2

Delta R.T. 0.001 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_N

ClientSampleId :

SICV208

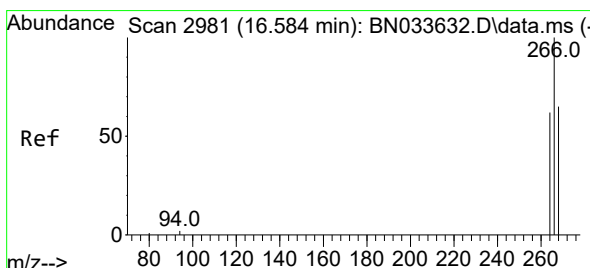
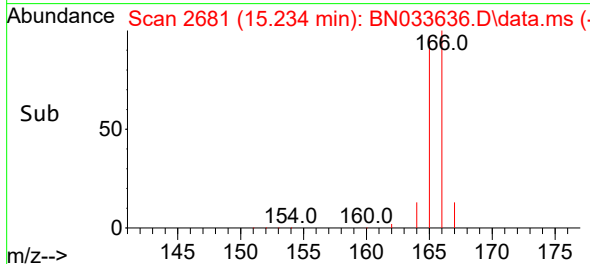
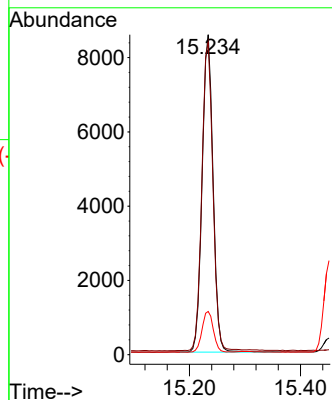
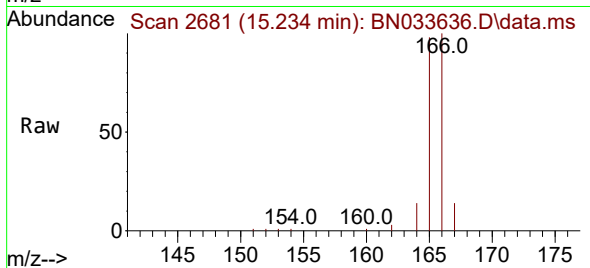
Tgt Ion:166 Resp: 11683

Ion Ratio Lower Upper

166 100

165 97.7 79.1 118.7

167 13.5 11.4 17.0



#14

Pentachlorophenol

Concen: 0.327 ng/ul

RT: 16.585 min Scan# 2981

Delta R.T. 0.001 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

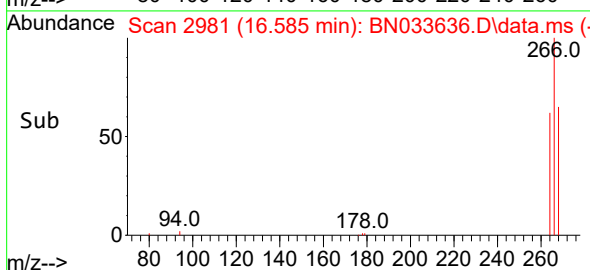
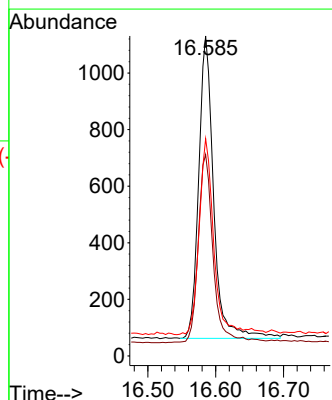
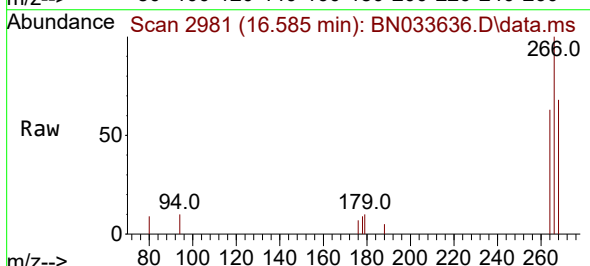
Tgt Ion:266 Resp: 1645

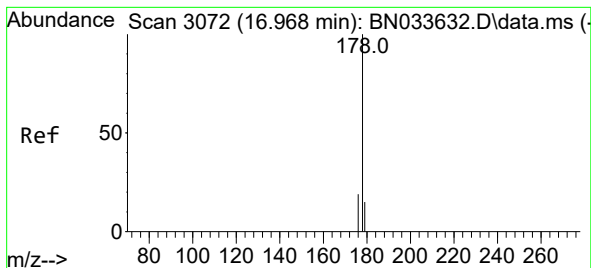
Ion Ratio Lower Upper

266 100

264 62.1 50.3 75.5

268 64.4 51.7 77.5





#15

Phenanthrene

Concen: 0.386 ng/ul

RT: 16.969 min Scan# 3072

Delta R.T. 0.001 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_N

ClientSampleId :

SICV208

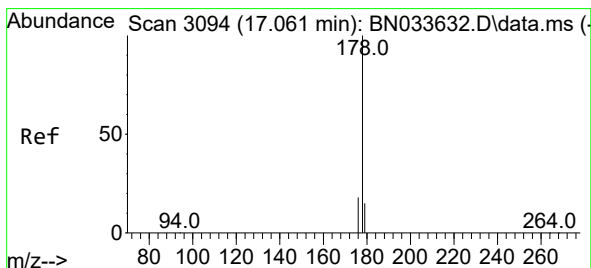
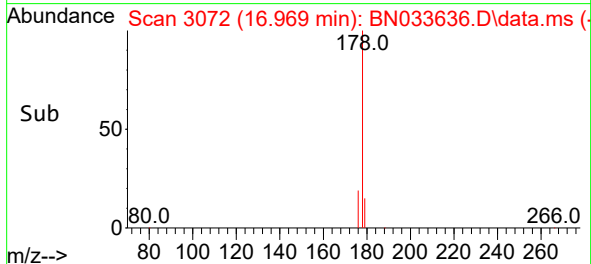
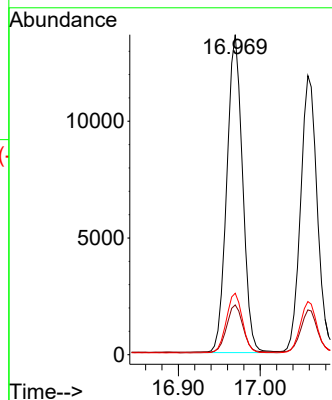
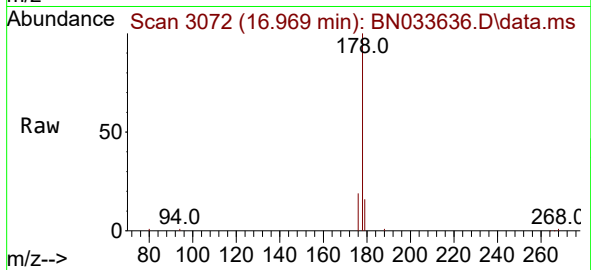
Tgt Ion:178 Resp: 18217

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 19.2 15.7 23.5



#16

Anthracene

Concen: 0.397 ng/ul

RT: 17.058 min Scan# 3093

Delta R.T. -0.003 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

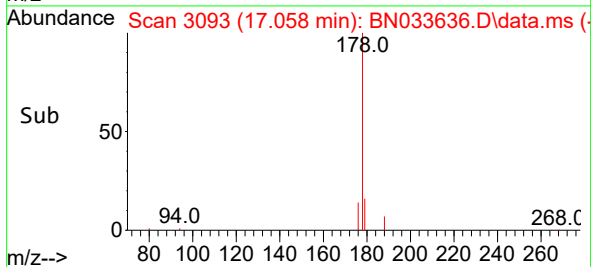
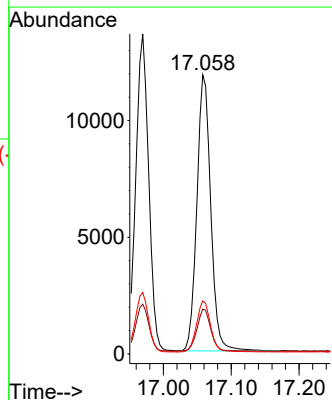
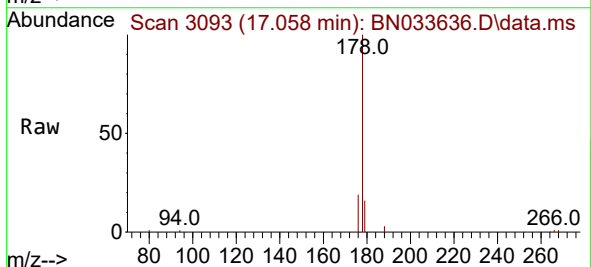
Tgt Ion:178 Resp: 16833

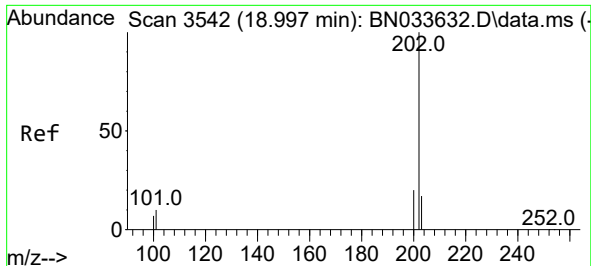
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.4

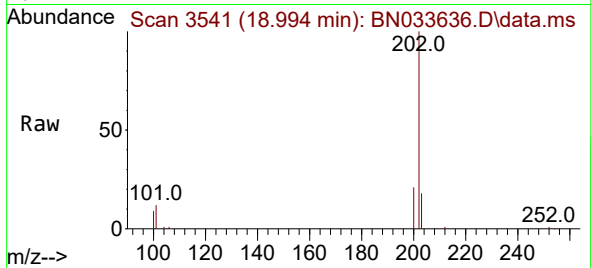
176 19.1 15.2 22.8



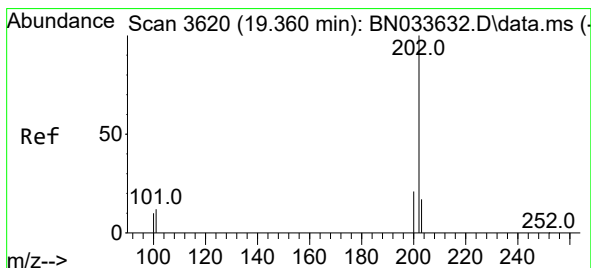
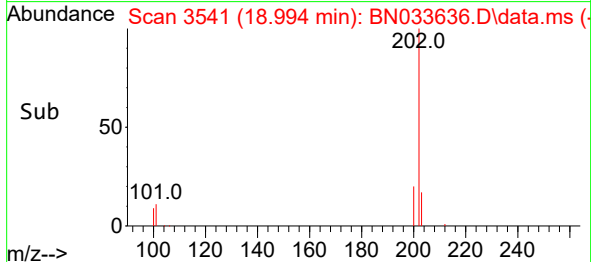
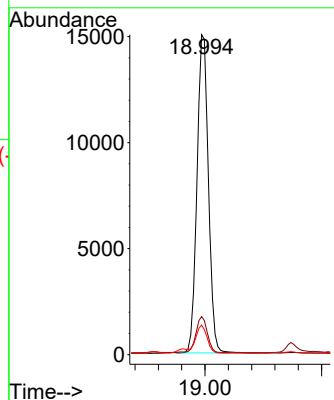


#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 18.994 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Instrument :
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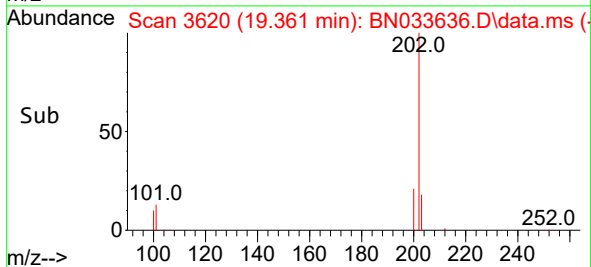
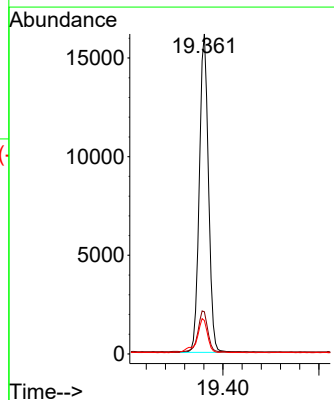
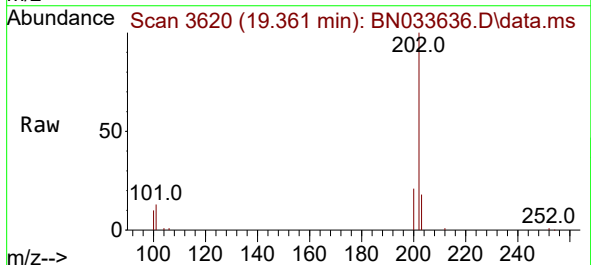


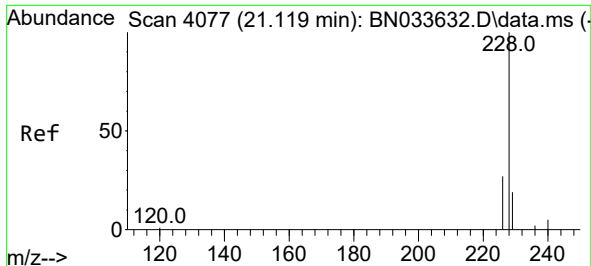
Tgt Ion:202 Resp: 20341
Ion Ratio Lower Upper
202 100
101 11.9 9.0 13.4
100 9.2 6.7 10.1



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

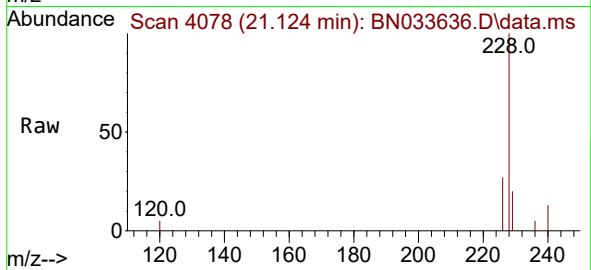
Tgt Ion:202 Resp: 21458
Ion Ratio Lower Upper
202 100
101 13.2 10.8 16.2
100 10.5 8.7 13.1



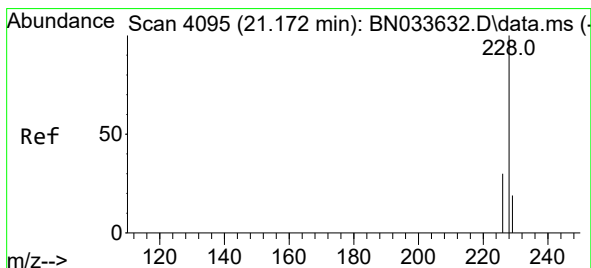
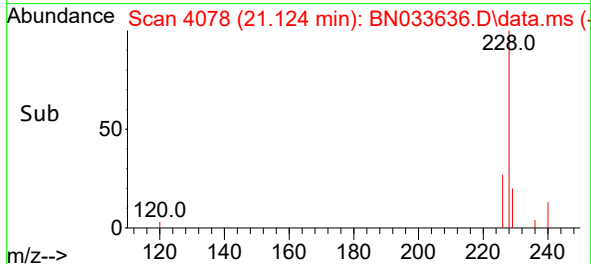
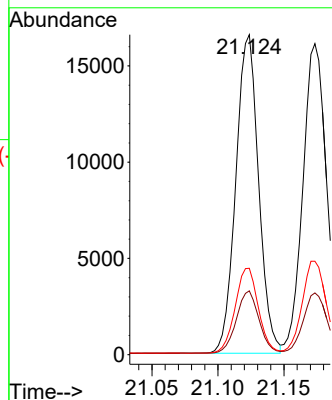


#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.124 min Scan# 4078
Delta R.T. 0.004 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Instrument :
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ClientSampleId :
SICV208

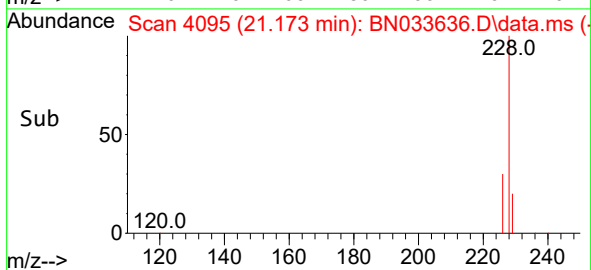
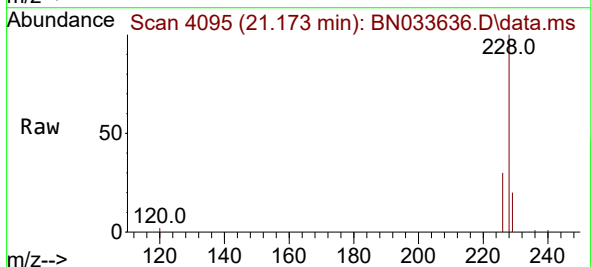
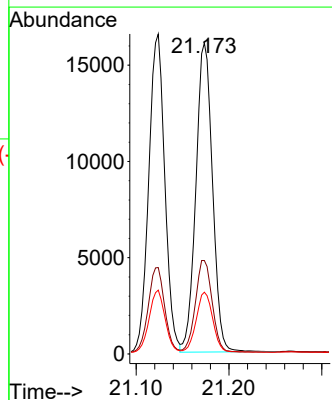


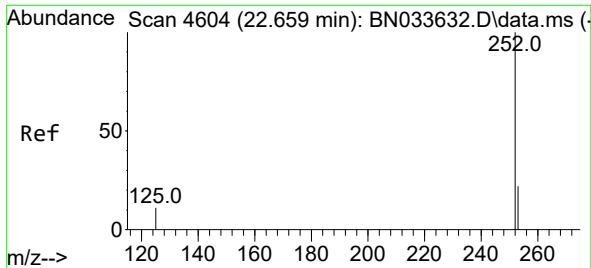
Tgt Ion:228 Resp: 19890
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.173 min Scan# 4095
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Tgt Ion:228 Resp: 20020
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.9 15.6 23.4

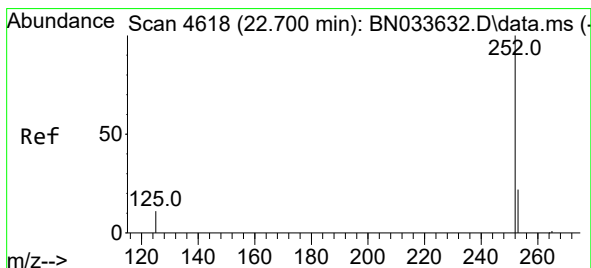
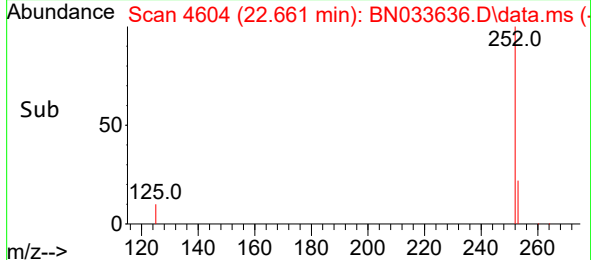
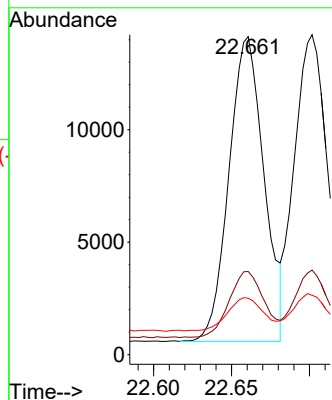
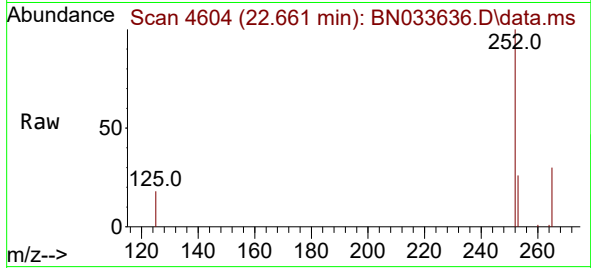




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.661 min Scan# 4604
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

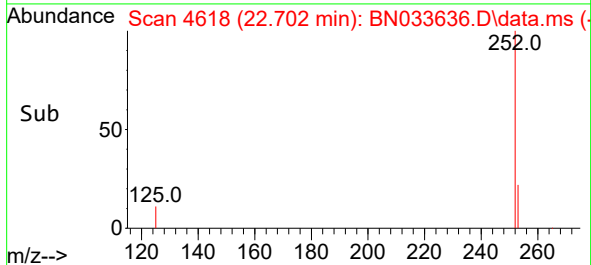
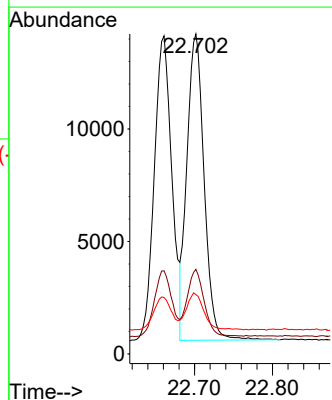
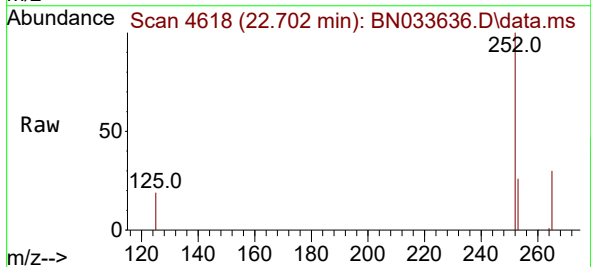
Instrument :
BNA_N
ClientSampleId :
SICV208

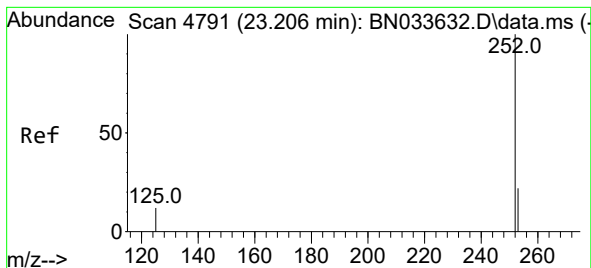
Tgt Ion:252 Resp: 21189
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 17.7 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN033636.D
Acq: 27 Aug 2024 14:48

Tgt Ion:252 Resp: 20910
Ion Ratio Lower Upper
252 100
253 26.5 21.4 32.0
125 18.6 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.426 ng/ul

RT: 23.207 min Scan# 4791

Delta R.T. 0.001 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_N

ClientSampleId :

SICV208

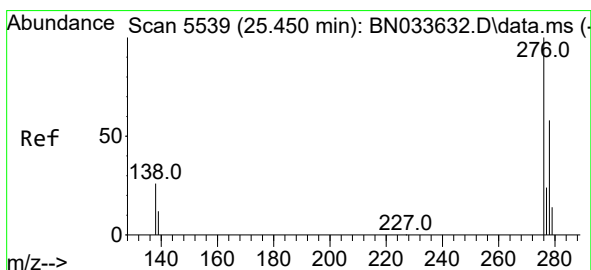
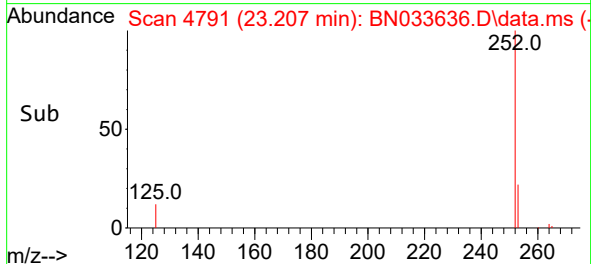
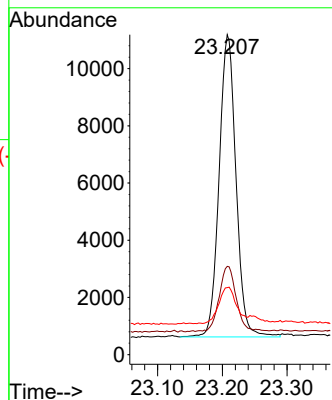
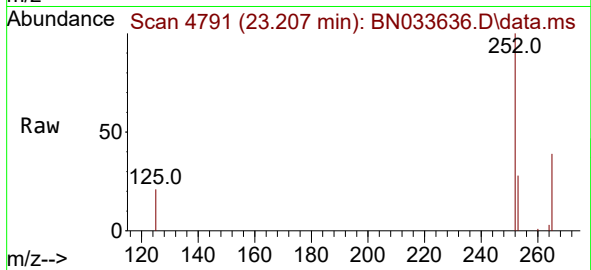
Tgt Ion:252 Resp: 19138

Ion Ratio Lower Upper

252 100

253 27.6 22.8 34.2

125 20.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.376 ng/ul

RT: 25.452 min Scan# 5539

Delta R.T. 0.001 min

Lab File: BN033636.D

Acq: 27 Aug 2024 14:48

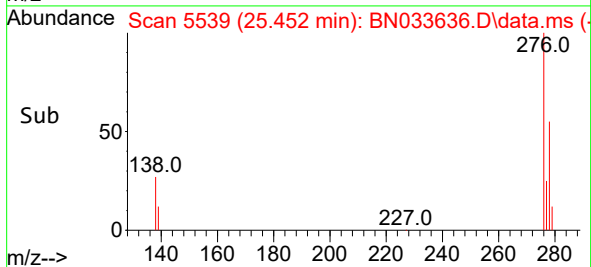
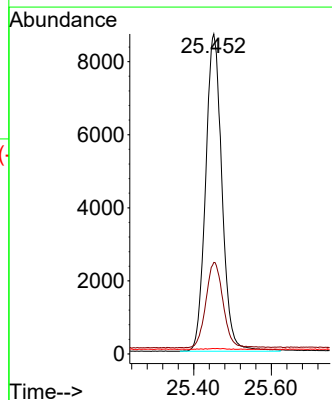
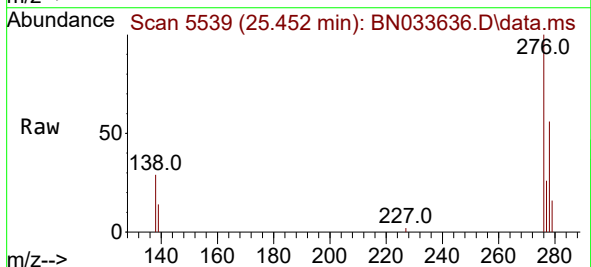
Tgt Ion:276 Resp: 25381

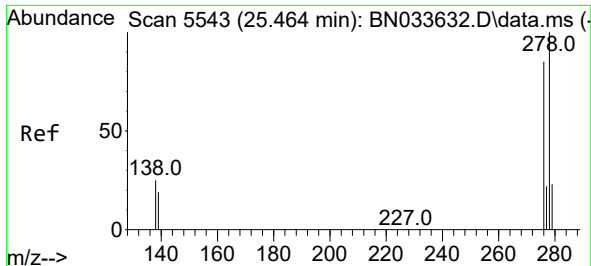
Ion Ratio Lower Upper

276 100

138 28.5 22.3 33.5

227 0.1 0.2 0.4#

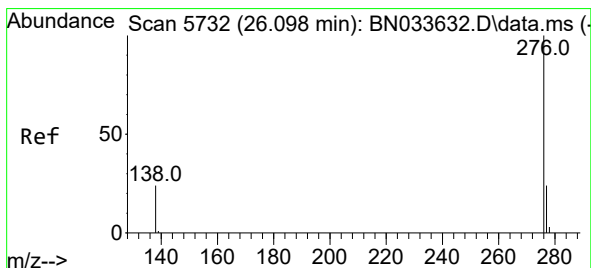
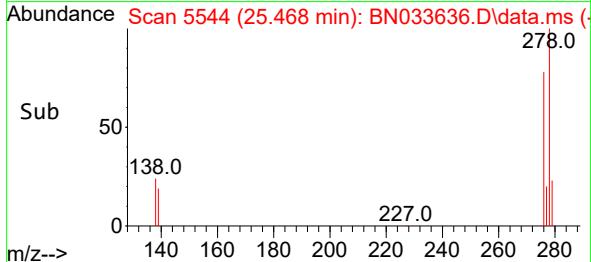
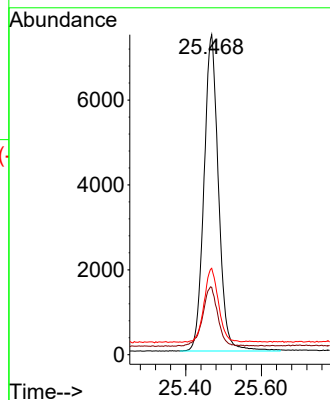
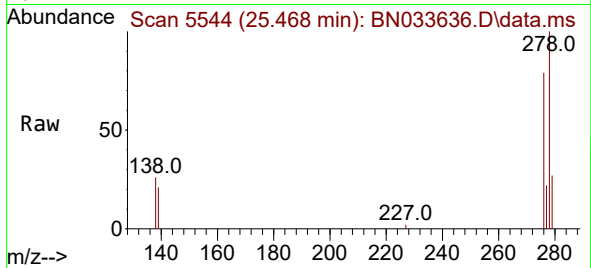




#28
 Dibenzo(a,h)anthracene
 Concen: 0.380 ng/ul
 RT: 25.468 min Scan# 51
 Delta R.T. 0.005 min
 Lab File: BN033636.D
 Acq: 27 Aug 2024 14:48

Instrument :
 BNA_N
 ClientSampleId :
 SICV208

Tgt Ion:278 Resp: 19908
 Ion Ratio Lower Upper
 278 100
 139 21.1 17.3 25.9
 279 27.0 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.380 ng/ul
 RT: 26.102 min Scan# 5733
 Delta R.T. 0.005 min
 Lab File: BN033636.D
 Acq: 27 Aug 2024 14:48

Tgt Ion:276 Resp: 20033
 Ion Ratio Lower Upper
 276 100
 138 26.3 20.8 31.2
 277 25.1 20.2 30.4

