

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035625.D
 Acq On : 16 Dec 2024 20:00
 Operator : RC/JU
 Sample : P5232-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T0

Quant Time: Dec 16 21:56:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

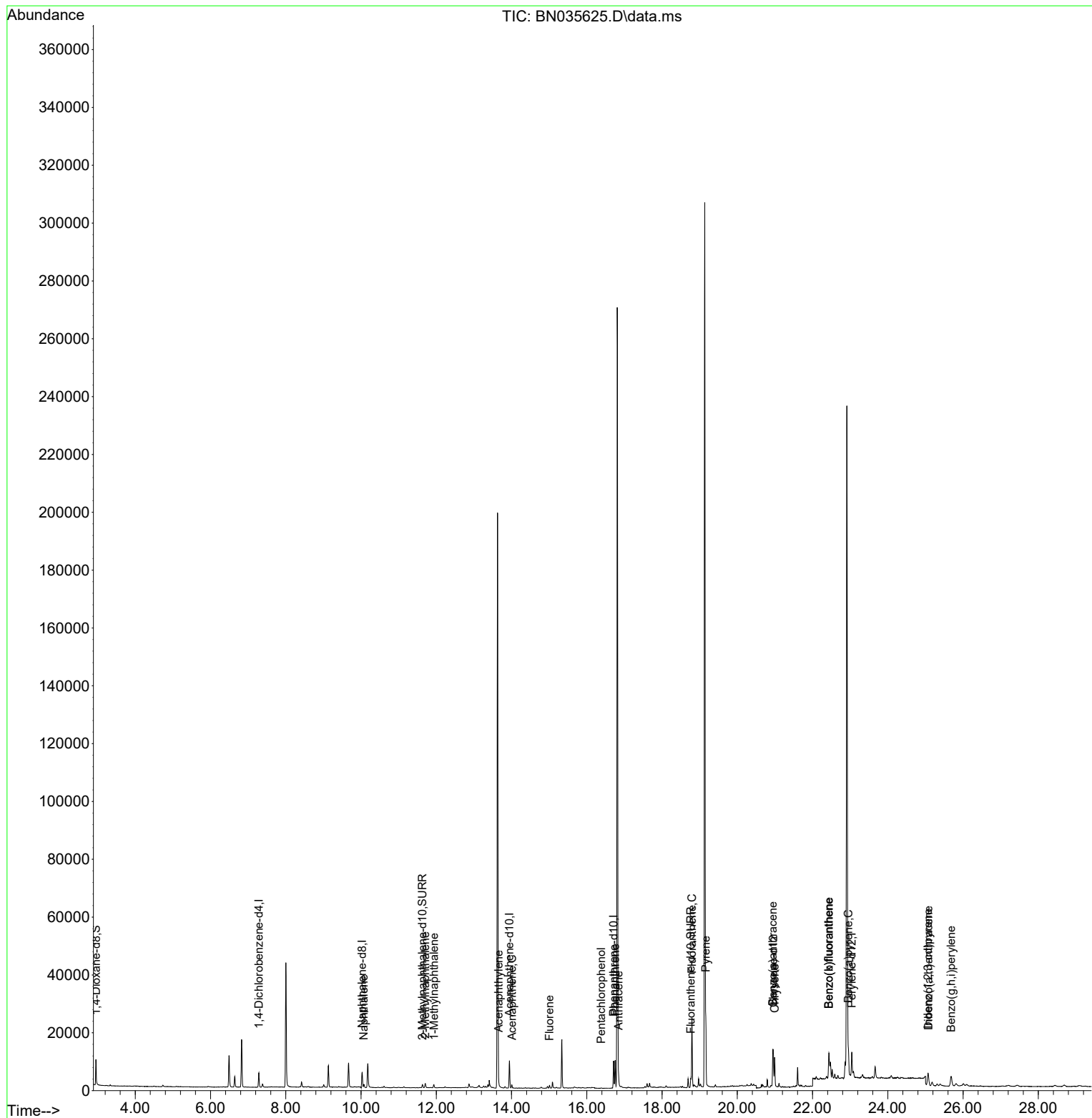
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7085	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5006	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11033	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9445	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	10958	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5803	2.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1486	0.147	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3443	0.125	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.075	128	1700	0.098	ng/ul#	89
7) 2-Methylnaphthalene	11.708	142	1074	0.092	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	755	0.062	ng/ul	98
10) Acenaphthylene	13.657	152	560	0.029	ng/ul#	58
11) Acenaphthene	14.009	153	662	0.045	ng/ul	94
12) Fluorene	15.008	166	544	0.032	ng/ul#	87
14) Pentachlorophenol	16.379	266	89	0.031	ng/ul	99
15) Phenanthrene	16.755	178	9930	0.360	ng/ul	100
16) Anthracene	16.844	178	2308	0.089	ng/ul#	89
19) Fluoranthene	18.795	202	20623	0.611	ng/ul	99
20) Pyrene	19.162	202	18459	0.496	ng/ul	99
21) Benzo(a)anthracene	20.944	228	8803	0.281	ng/ul	95
22) Chrysene	20.993	228	10057	0.309	ng/ul	96
24) Benzo(b)fluoranthene	22.434	252	19004	0.589	ng/ul	97
25) Benzo(k)fluoranthene	22.434	252	19004	0.532	ng/ul	97
26) Benzo(a)pyrene	22.951	252	9403	0.301	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.071	276	7955	0.209	ng/ul#	60
28) Dibenzo(a,h)anthracene	25.077	278	2272	0.078	ng/ul#	25
29) Benzo(g,h,i)perylene	25.684	276	6974	0.228	ng/ul	95

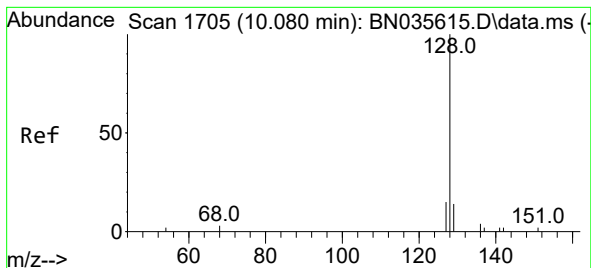
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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#5

Naphthalene

Concen: 0.098 ng/ul

RT: 10.075 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

E28T0

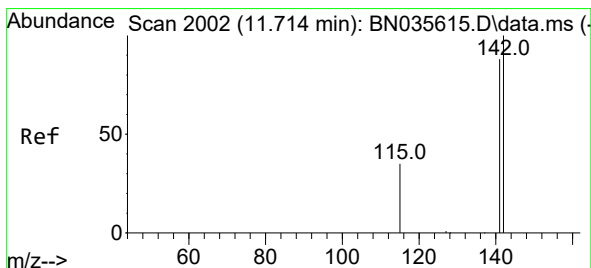
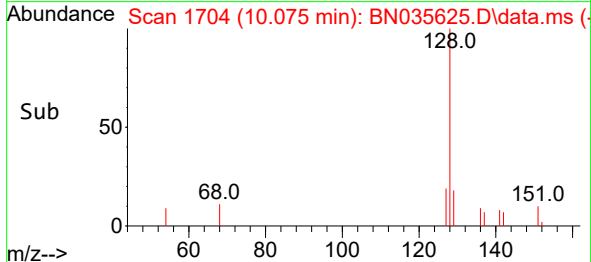
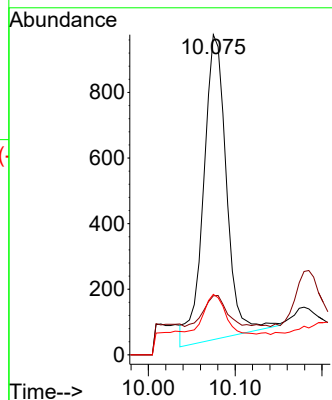
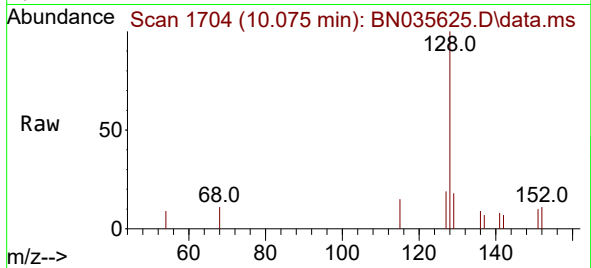
Tgt Ion:128 Resp: 1700

Ion Ratio Lower Upper

128 100

129 18.4 10.8 16.2#

127 18.9 12.0 18.0#



#7

2-Methylnaphthalene

Concen: 0.092 ng/ul

RT: 11.708 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BN035625.D

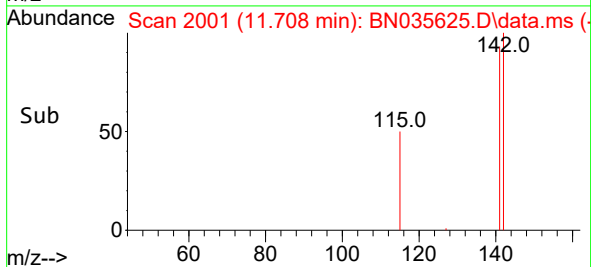
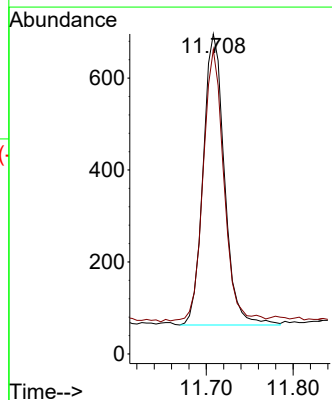
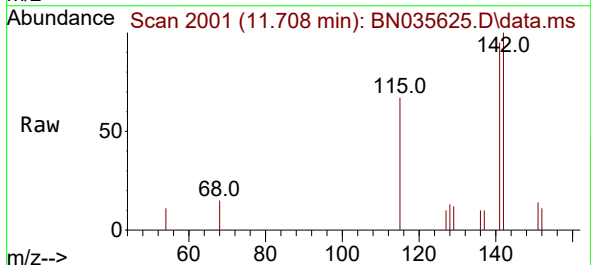
Acq: 16 Dec 2024 20:00

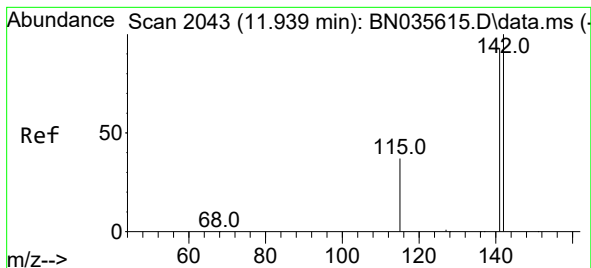
Tgt Ion:142 Resp: 1074

Ion Ratio Lower Upper

142 100

141 91.8 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.062 ng/ul

RT: 11.939 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

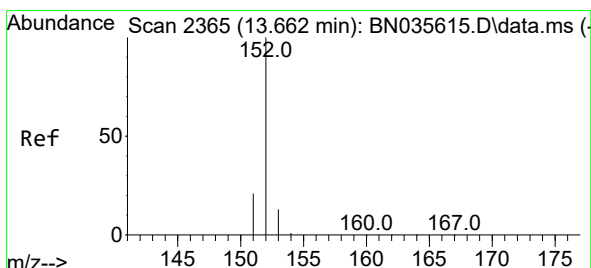
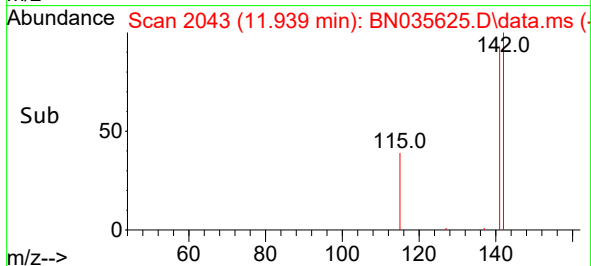
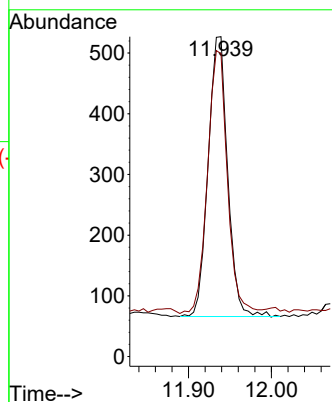
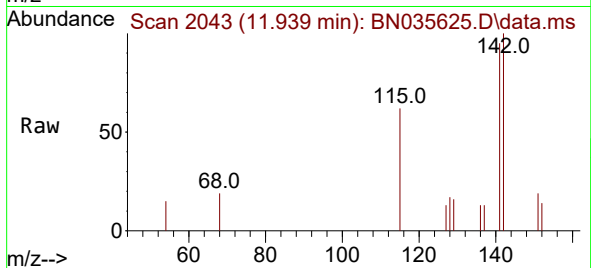
E28T0

Tgt Ion:142 Resp: 755

Ion Ratio Lower Upper

142 100

141 95.6 74.7 112.1



#10

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

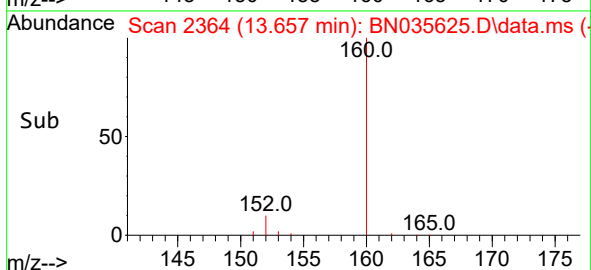
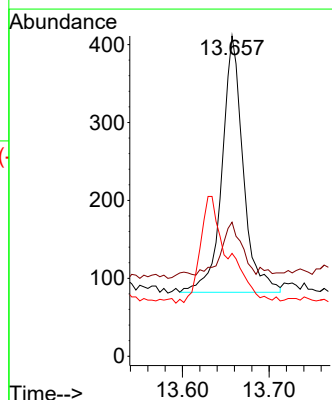
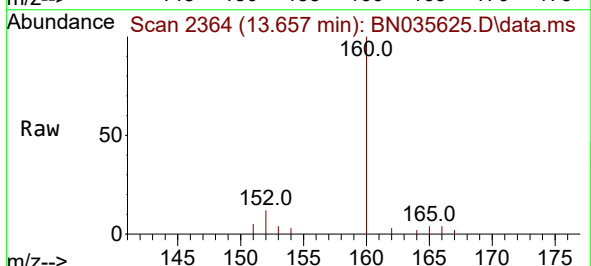
Tgt Ion:152 Resp: 560

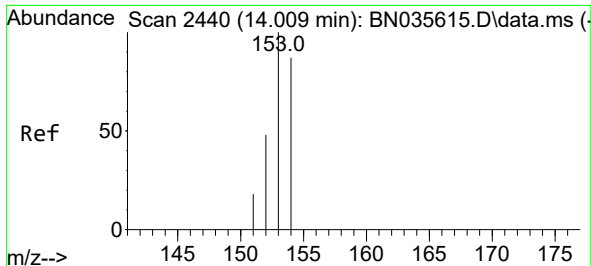
Ion Ratio Lower Upper

152 100

151 41.8 17.6 26.4#

153 32.1 11.4 17.2#

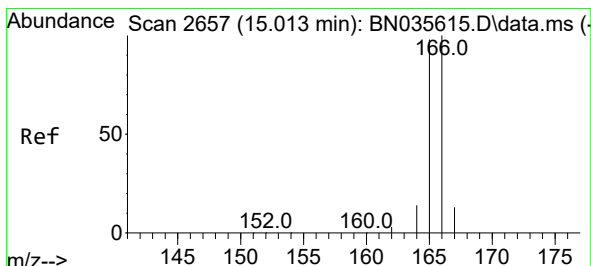
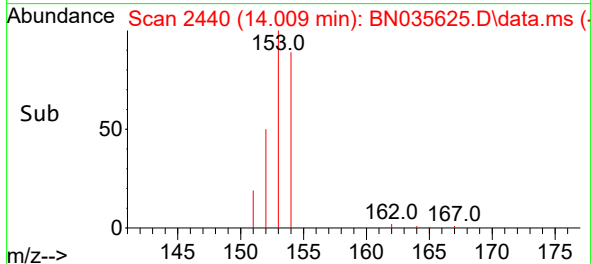
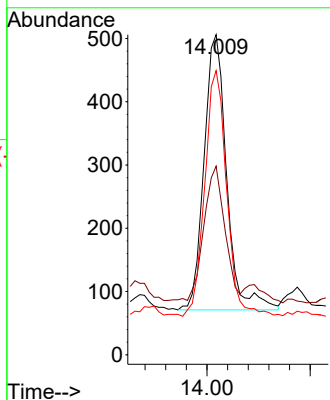
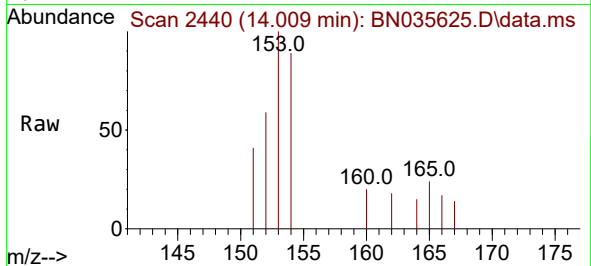




#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

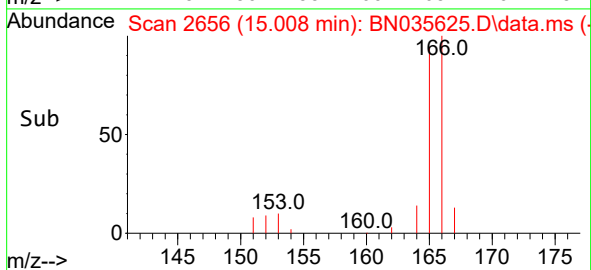
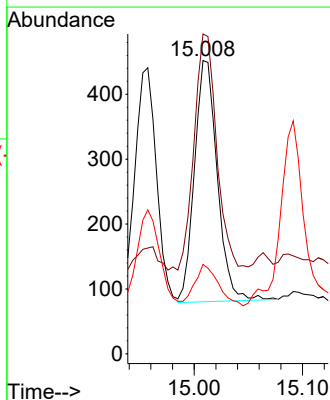
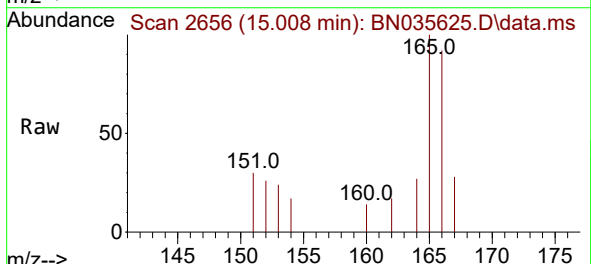
Instrument :
BNA_N
ClientSampleId :
E28T0

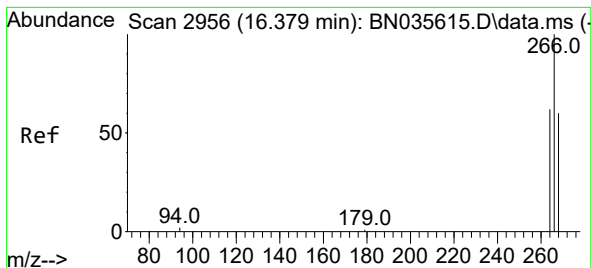
Tgt Ion:153 Resp: 662
Ion Ratio Lower Upper
153 100
152 58.9 39.8 59.6
154 88.7 69.8 104.8



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

Tgt Ion:166 Resp: 544
Ion Ratio Lower Upper
166 100
165 109.1 79.5 119.3
167 30.5 11.8 17.8#





#14

Pentachlorophenol

Concen: 0.031 ng/ul

RT: 16.379 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

E28T0

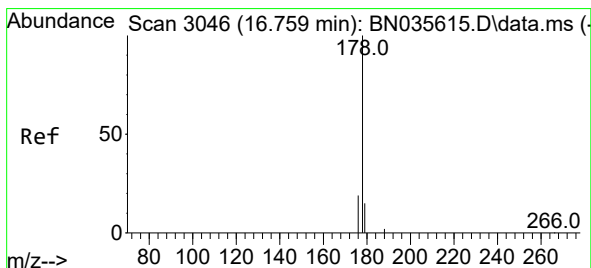
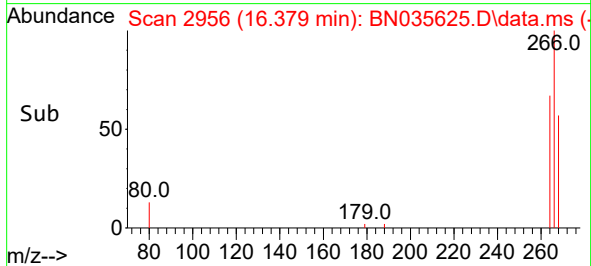
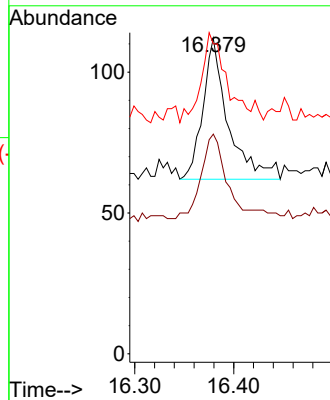
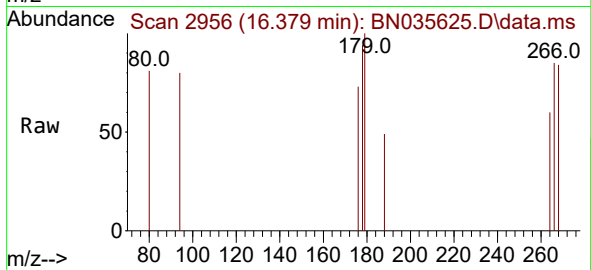
Tgt Ion:266 Resp: 89

Ion Ratio Lower Upper

266 100

264 62.9 49.9 74.9

268 67.4 52.8 79.2



#15

Phenanthrene

Concen: 0.360 ng/ul

RT: 16.755 min Scan# 3045

Delta R.T. -0.004 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

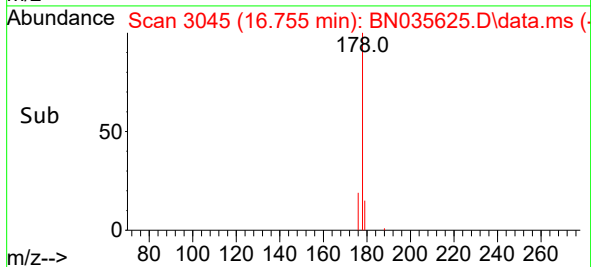
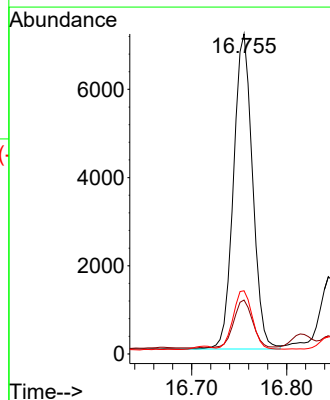
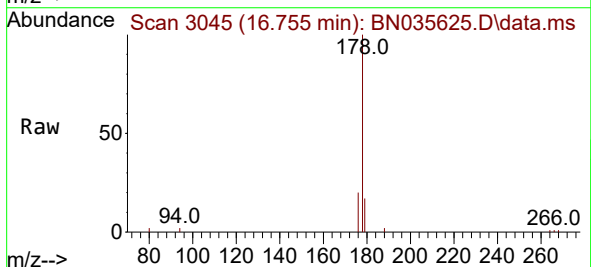
Tgt Ion:178 Resp: 9930

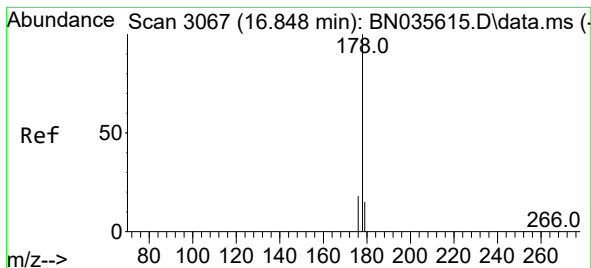
Ion Ratio Lower Upper

178 100

179 16.9 13.3 19.9

176 19.7 15.8 23.8





#16

Anthracene

Concen: 0.089 ng/ul

RT: 16.844 min Scan# 3067

Delta R.T. -0.004 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

E28T0

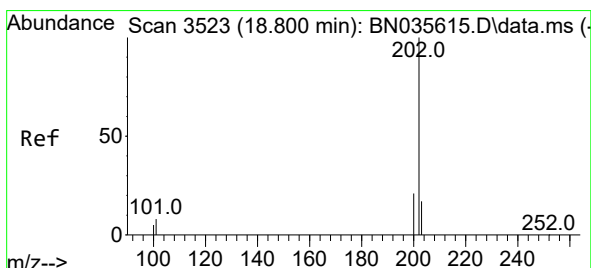
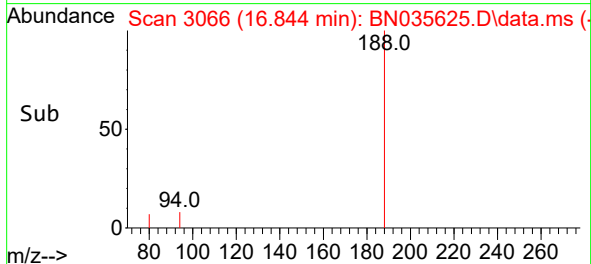
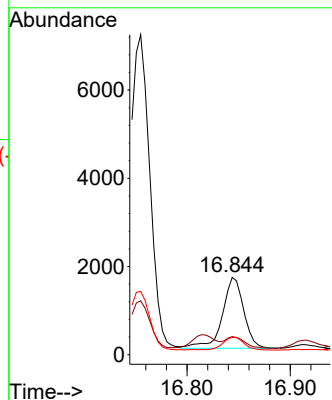
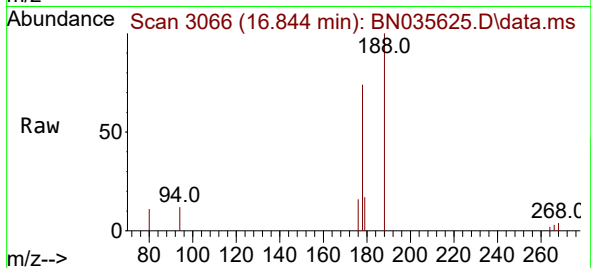
Tgt Ion:178 Resp: 2308

Ion Ratio Lower Upper

178 100

179 23.4 13.4 20.0#

176 22.2 15.4 23.0



#19

Fluoranthene

Concen: 0.611 ng/ul

RT: 18.795 min Scan# 3522

Delta R.T. -0.005 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

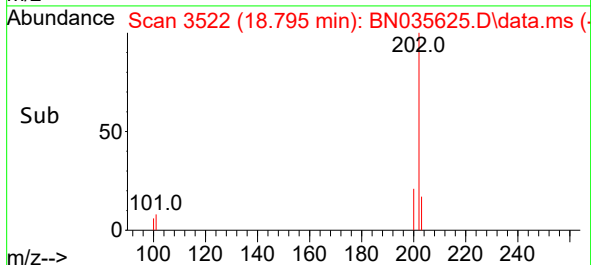
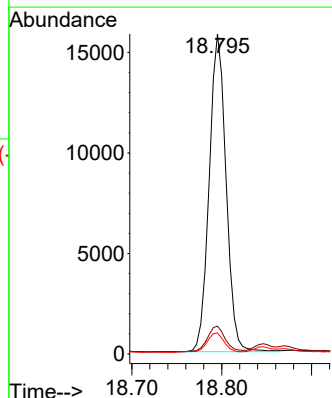
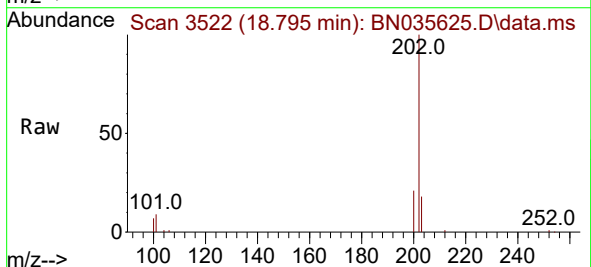
Tgt Ion:202 Resp: 20623

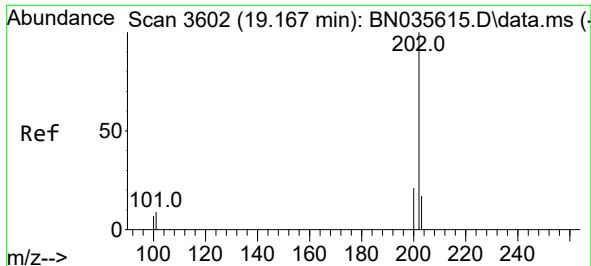
Ion Ratio Lower Upper

202 100

101 8.7 7.3 10.9

100 6.6 5.4 8.0

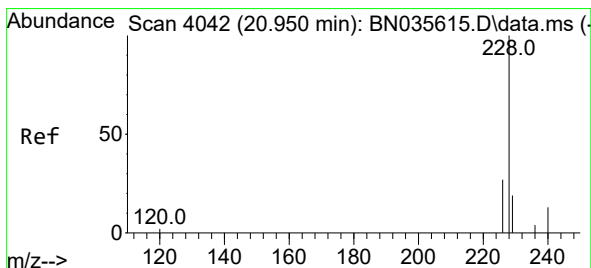
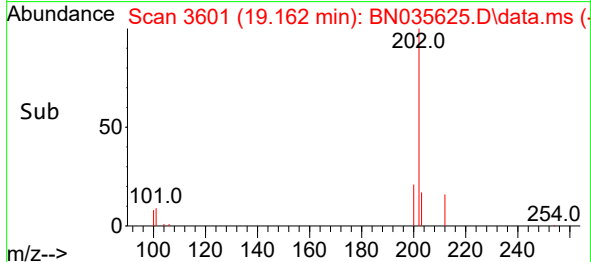
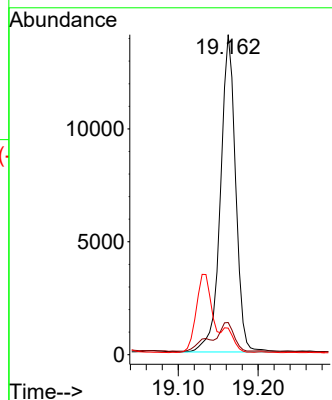
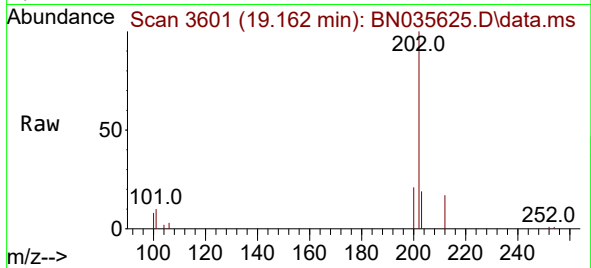




#20
Pyrene
Concen: 0.496 ng/ul
RT: 19.162 min Scan# 301
Delta R.T. -0.005 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

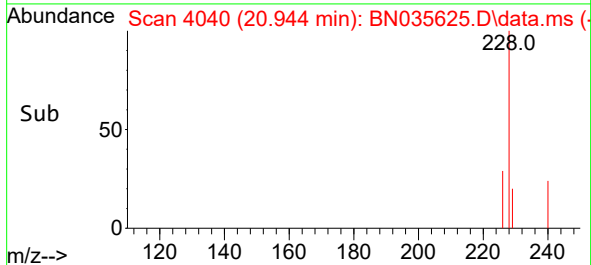
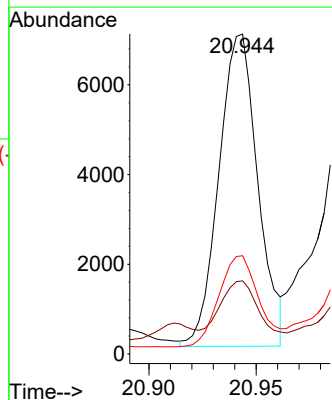
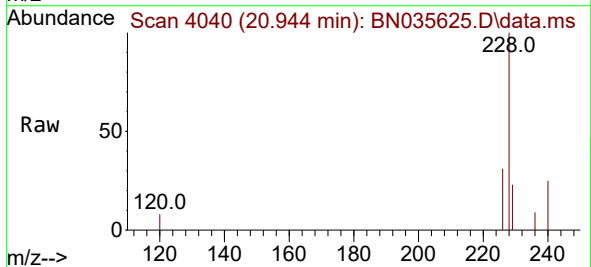
Instrument :
BNA_N
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E28T0

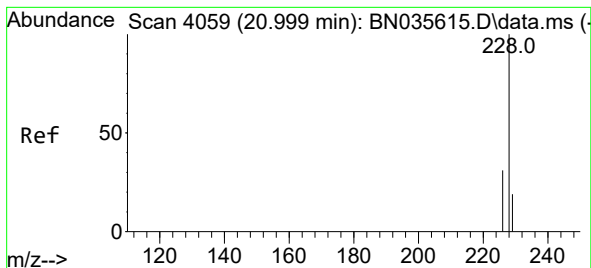
Tgt Ion:202 Resp: 18459
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 8.3 6.5 9.7



#21
Benzo(a)anthracene
Concen: 0.281 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

Tgt Ion:228 Resp: 8803
Ion Ratio Lower Upper
228 100
229 22.9 16.6 25.0
226 30.7 22.5 33.7





#22

Chrysene

Concen: 0.309 ng/ul

RT: 20.993 min Scan# 4057

Delta R.T. -0.006 min

Lab File: BN035625.D

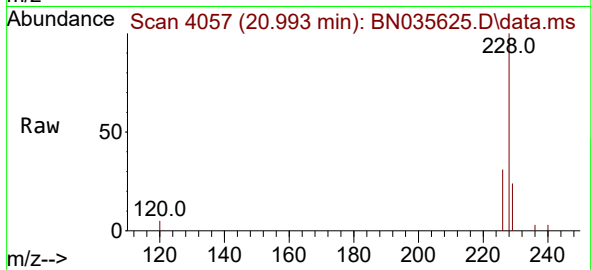
Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

E28T0



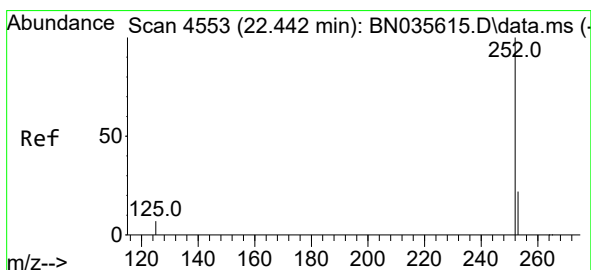
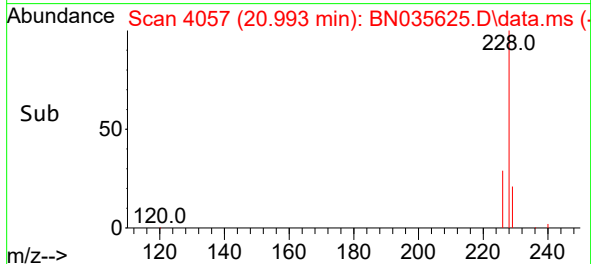
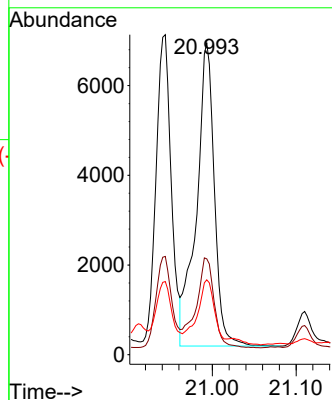
Tgt Ion:228 Resp: 10057

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

229 24.0 16.6 24.8



#24

Benzo(b)fluoranthene

Concen: 0.589 ng/ul

RT: 22.434 min Scan# 4550

Delta R.T. -0.009 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

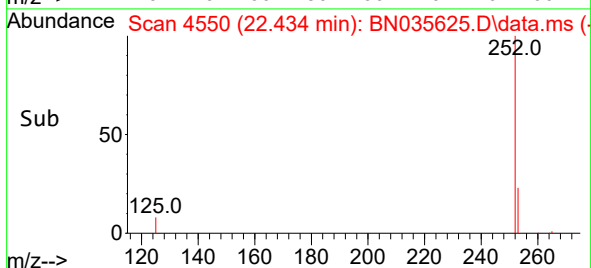
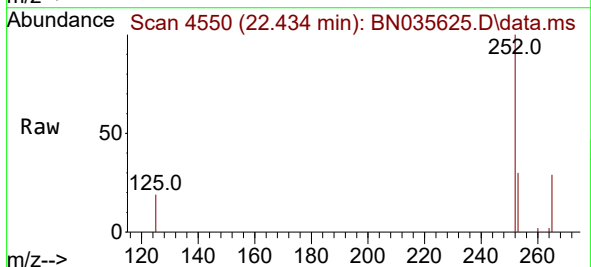
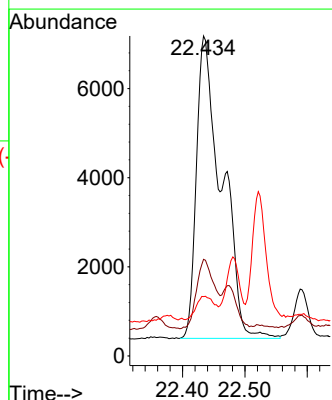
Tgt Ion:252 Resp: 19004

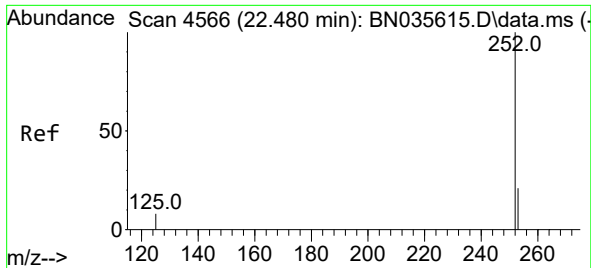
Ion Ratio Lower Upper

252 100

253 30.2 0.0 56.4

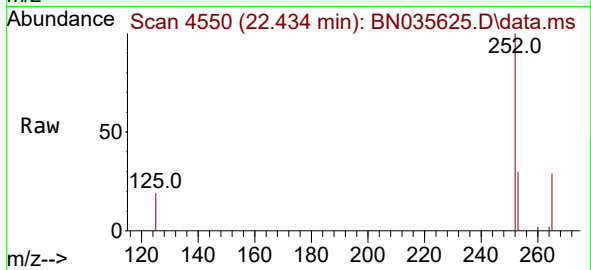
125 18.6 0.0 37.6



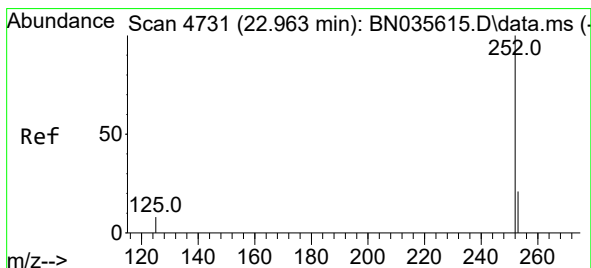
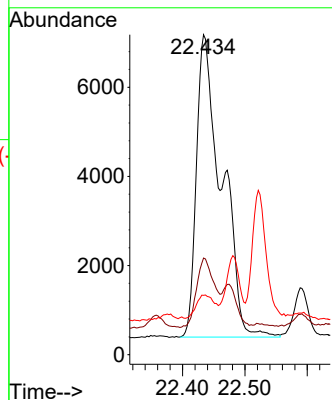


#25
Benzo(k)fluoranthene
Concen: 0.532 ng/ul
RT: 22.434 min Scan# 41
Delta R.T. -0.047 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

Instrument :
BNA_N
ClientSampleId :
E28T0

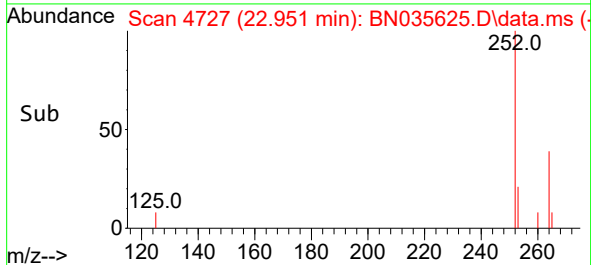
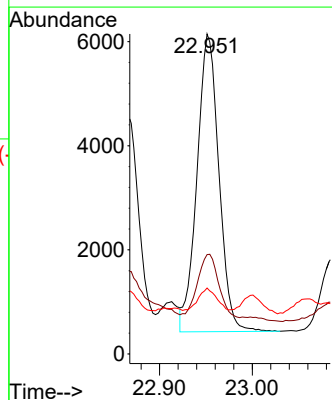
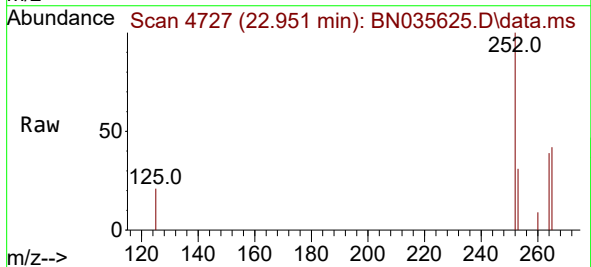


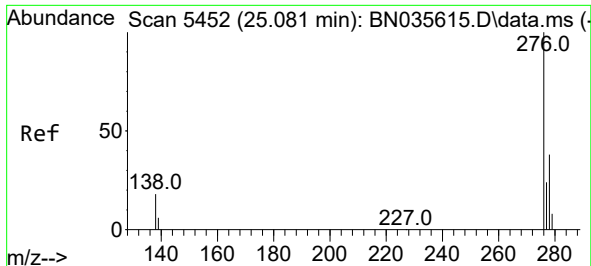
Tgt Ion:252 Resp: 19004
Ion Ratio Lower Upper
252 100
253 30.2 22.1 33.1
125 18.6 15.3 22.9



#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 22.951 min Scan# 4727
Delta R.T. -0.012 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

Tgt Ion:252 Resp: 9403
Ion Ratio Lower Upper
252 100
253 31.1 24.1 36.1
125 20.6 19.1 28.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.209 ng/ul

RT: 25.071 min Scan# 5449

Delta R.T. -0.010 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

Instrument :

BNA_N

ClientSampleId :

E28T0

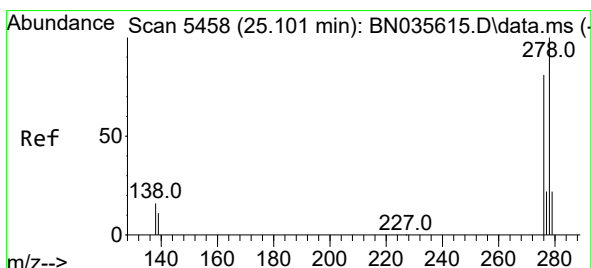
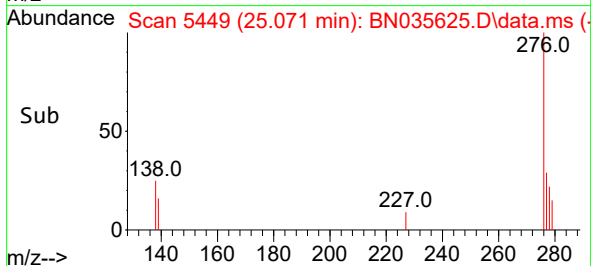
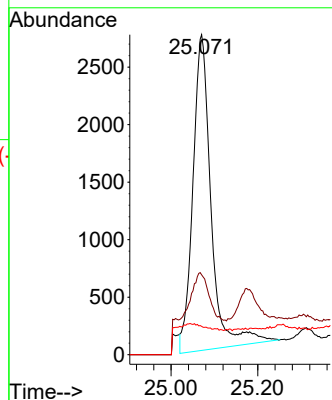
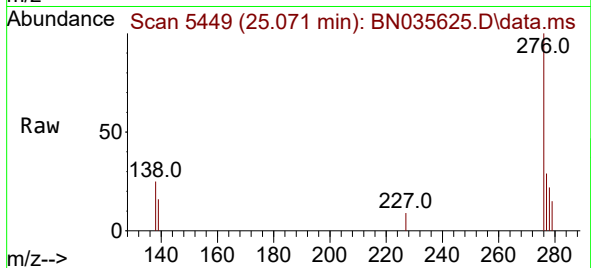
Tgt Ion:276 Resp: 7955

Ion Ratio Lower Upper

276 100

138 8.3 14.7 22.1#

227 0.0 21.6 32.4#



#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 25.077 min Scan# 5451

Delta R.T. -0.024 min

Lab File: BN035625.D

Acq: 16 Dec 2024 20:00

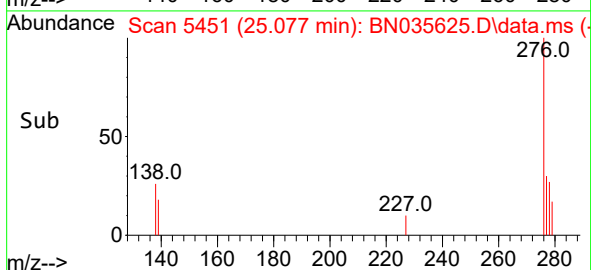
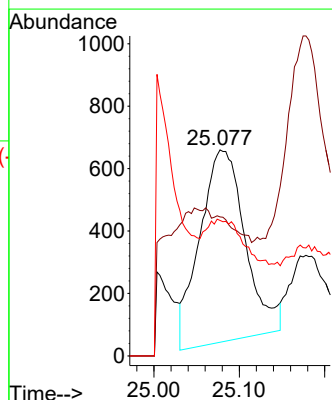
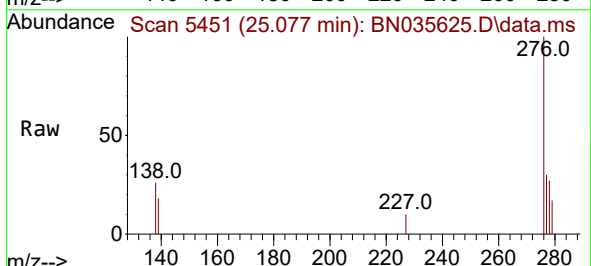
Tgt Ion:278 Resp: 2272

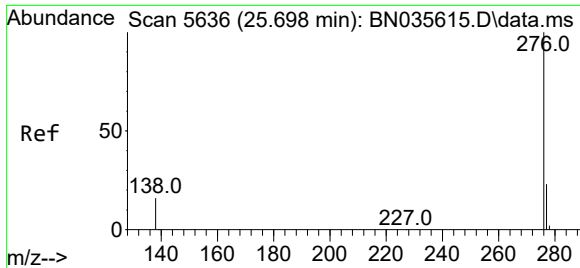
Ion Ratio Lower Upper

278 100

139 67.4 19.8 29.8#

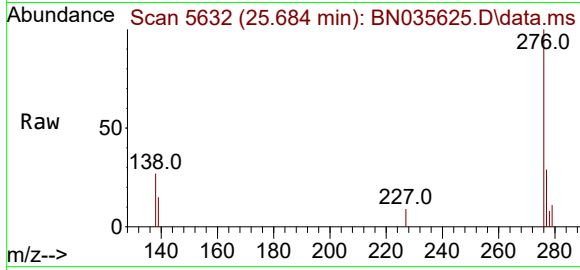
279 65.8 24.0 36.0#





#29
Benzo(g,h,i)perylene
Concen: 0.228 ng/ul
RT: 25.684 min Scan# 50
Delta R.T. -0.013 min
Lab File: BN035625.D
Acq: 16 Dec 2024 20:00

Instrument :
BNA_N
ClientSampleId :
E28T0



Tgt Ion:276 Resp: 6974

Ion	Ratio	Lower	Upper
276	100		
138	27.3	19.6	29.4
277	29.4	21.6	32.4

