

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035678.D
 Acq On : 18 Dec 2024 19:54
 Operator : RC/JU
 Sample : PB165587BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS587

Quant Time: Dec 19 01:27:44 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)

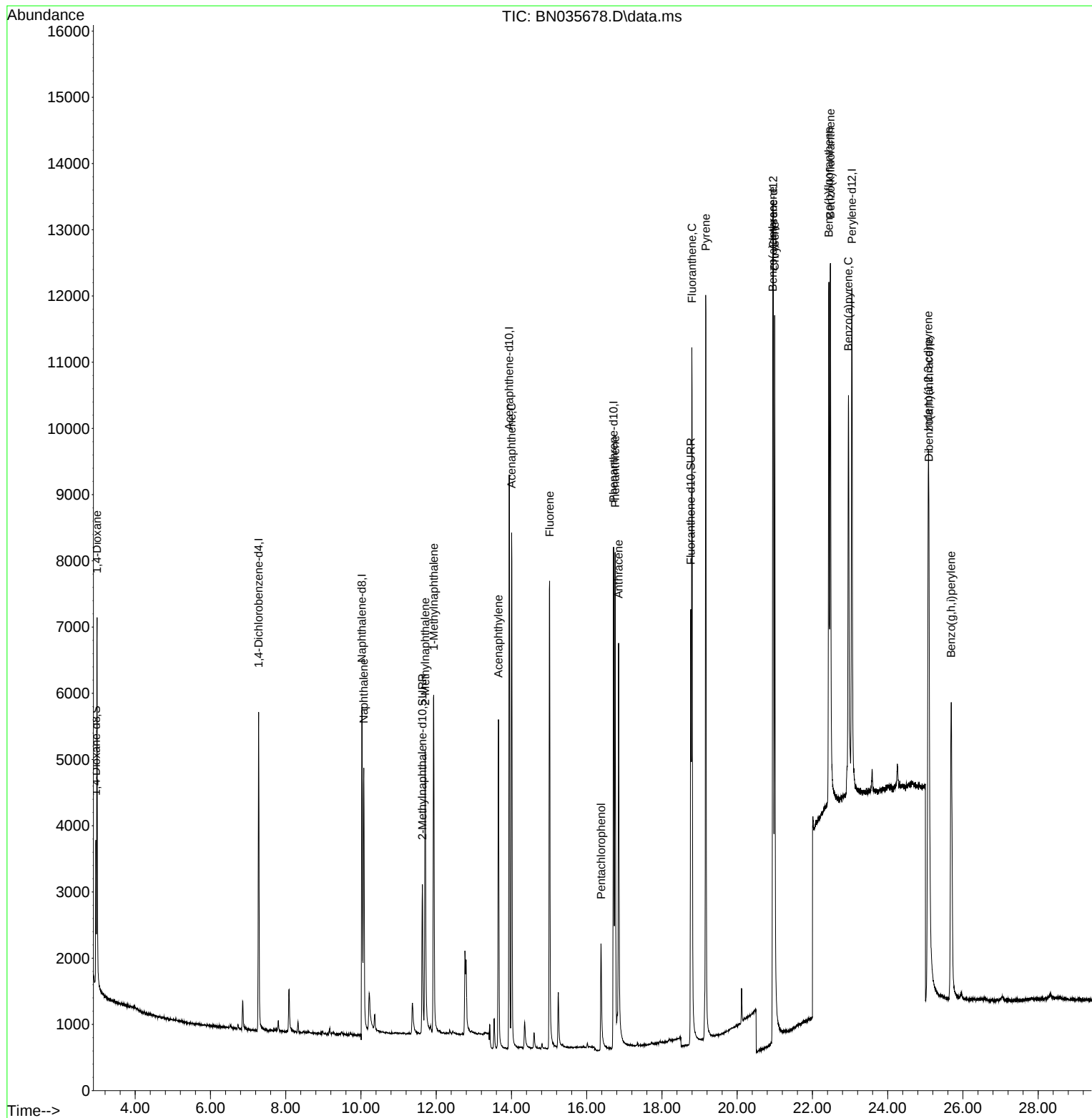
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7059	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.940	164	4985	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10259	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9095	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	9961	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1440	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	3514	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	8662	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.984	88	3761	1.669	ng/ul#	73
5) Naphthalene	10.075	128	6228	0.360	ng/ul	99
7) 2-Methylnaphthalene	11.708	142	3806	0.327	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	4002	0.331	ng/ul	99
10) Acenaphthylene	13.657	152	6080	0.315	ng/ul	99
11) Acenaphthene	14.004	153	4661	0.319	ng/ul	99
12) Fluorene	15.013	166	5135	0.302	ng/ul	98
14) Pentachlorophenol	16.380	266	1449	0.551	ng/ul	99
15) Phenanthrene	16.755	178	8196	0.319	ng/ul	99
16) Anthracene	16.848	178	7131	0.297	ng/ul	99
19) Fluoranthene	18.795	202	9943	0.306	ng/ul	98
20) Pyrene	19.163	202	10707	0.299	ng/ul	98
21) Benzo(a)anthracene	20.947	228	9596	0.318	ng/ul	100
22) Chrysene	20.996	228	10737	0.343	ng/ul	99
24) Benzo(b)fluoranthene	22.437	252	9848	0.335	ng/ul	98
25) Benzo(k)fluoranthene	22.478	252	11037	0.340	ng/ul	96
26) Benzo(a)pyrene	22.957	252	9548	0.336	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.077	276	13816	0.399	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.094	278	9338	0.353	ng/ul	97
29) Benzo(g,h,i)perylene	25.688	276	9757	0.351	ng/ul	99

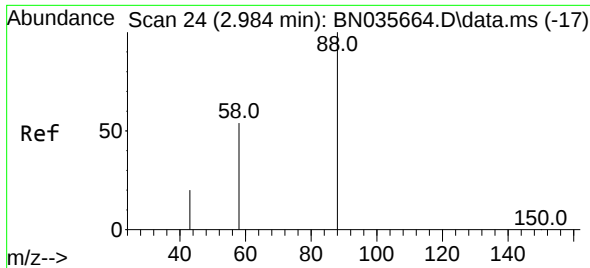
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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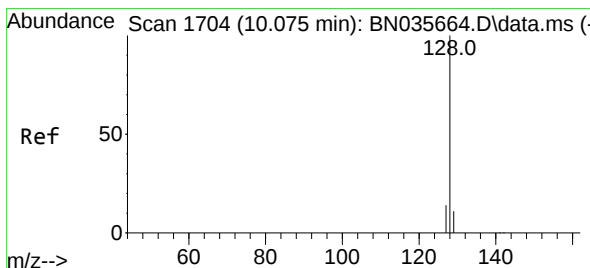
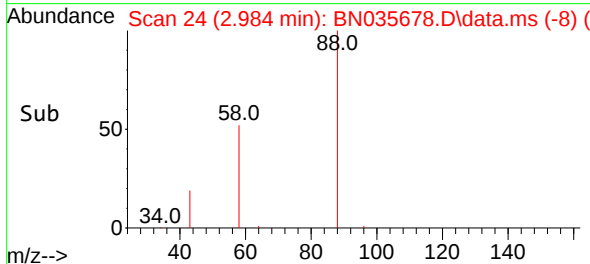
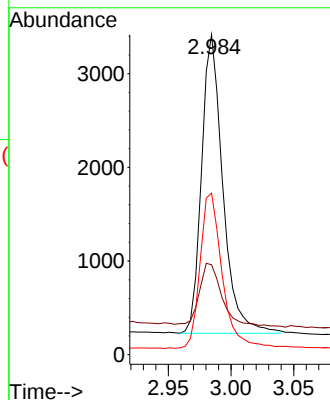
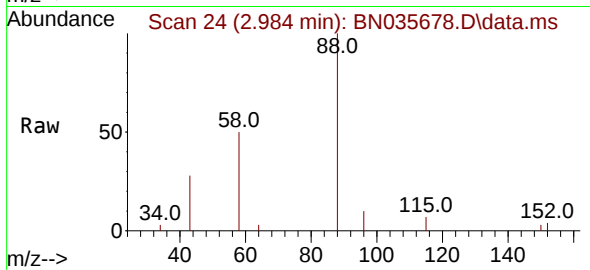




#2
 1,4-Dioxane
 Concen: 1.669 ng/ul
 RT: 2.984 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN035678.D
 Acq: 18 Dec 2024 19:54

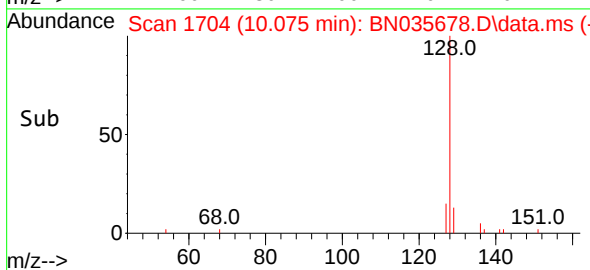
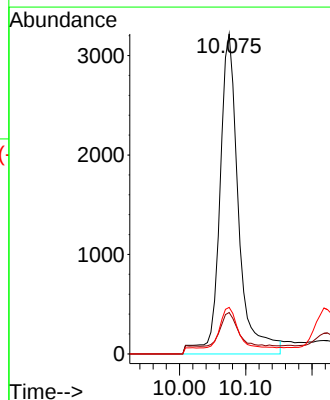
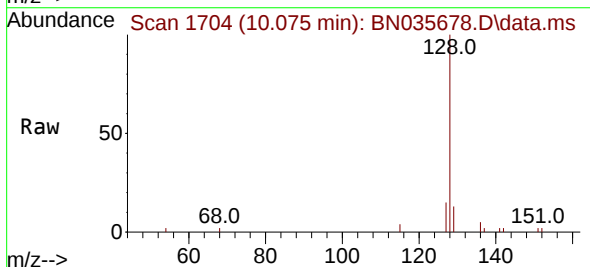
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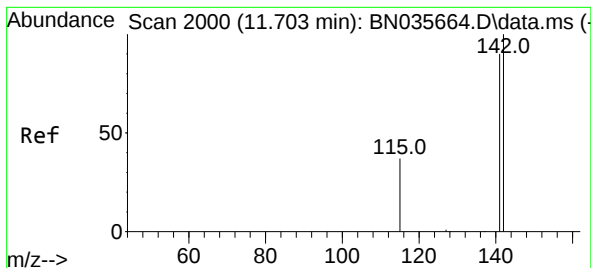
Tgt Ion: 88 Resp: 3761
 Ion Ratio Lower Upper
 88 100
 43 28.1 39.4 59.2#
 58 50.5 29.8 44.6#



#5
 Naphthalene
 Concen: 0.360 ng/ul
 RT: 10.075 min Scan# 1704
 Delta R.T. -0.005 min
 Lab File: BN035678.D
 Acq: 18 Dec 2024 19:54

Tgt Ion: 128 Resp: 6228
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.8 16.2
 127 14.5 12.0 18.0

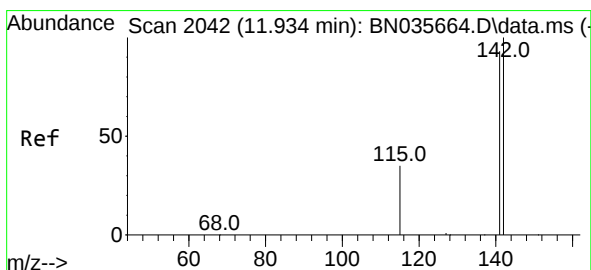
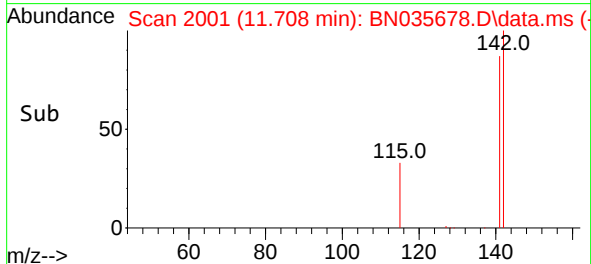
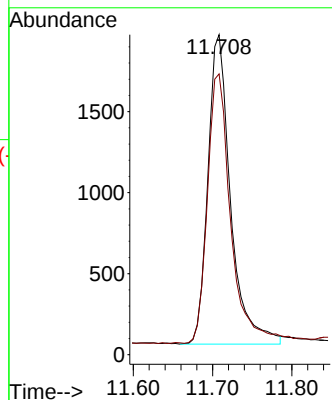
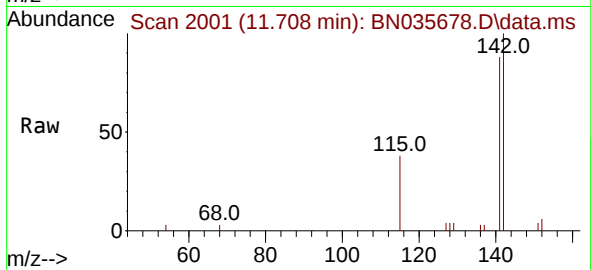




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

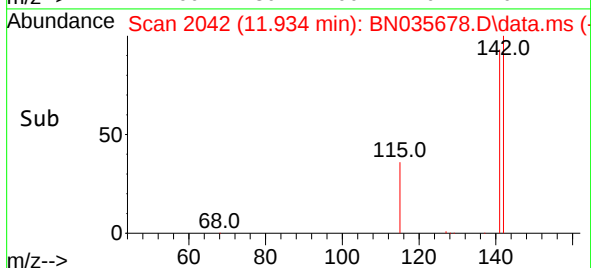
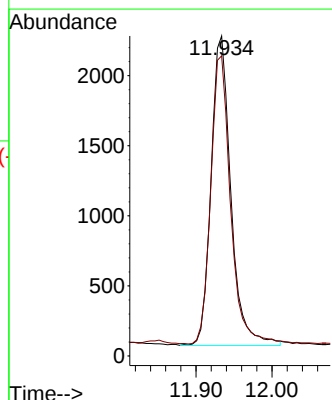
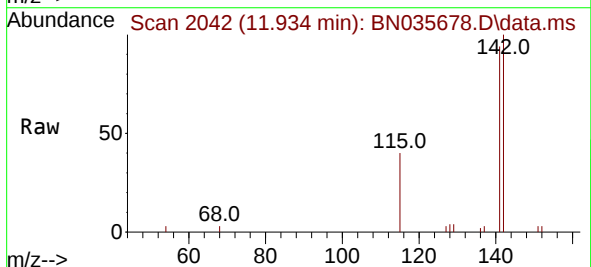
Instrument :
BNA_N
ClientSampleId :
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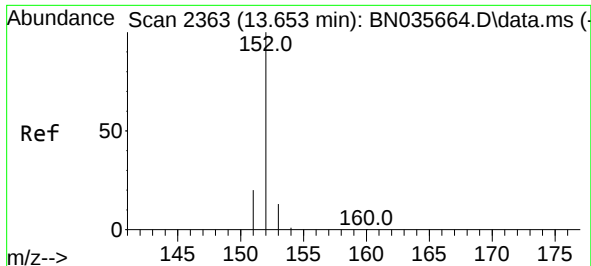
Tgt Ion:142 Resp: 3806
Ion Ratio Lower Upper
142 100
141 89.0 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

Tgt Ion:142 Resp: 4002
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1

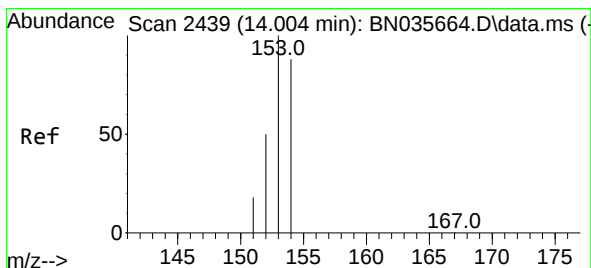
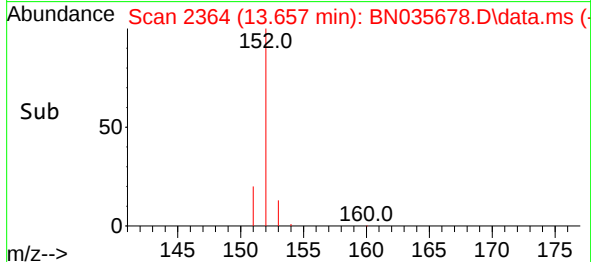
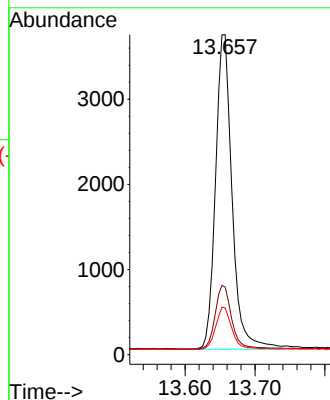
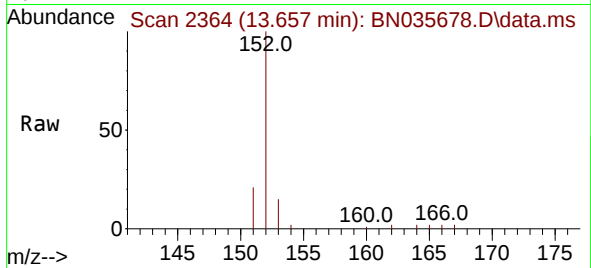




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 13.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

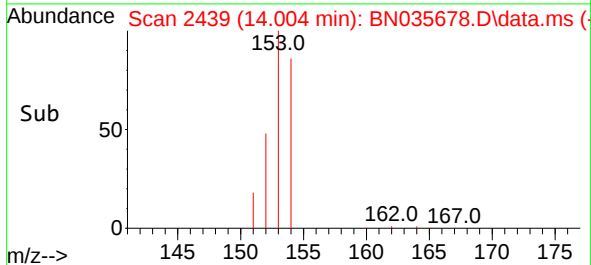
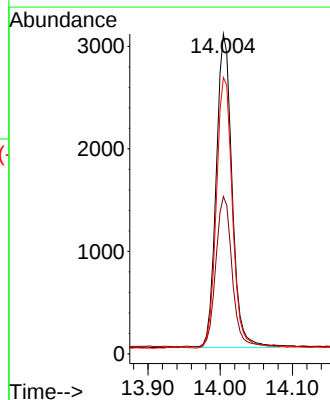
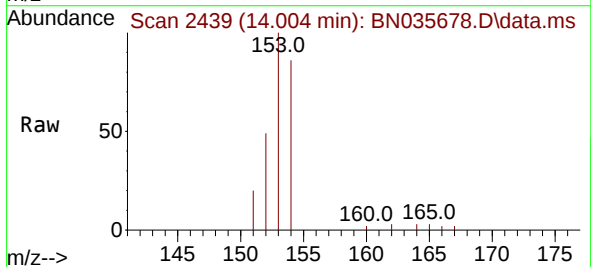
Instrument :
BNA_N
ClientSampleId :
SLCS587

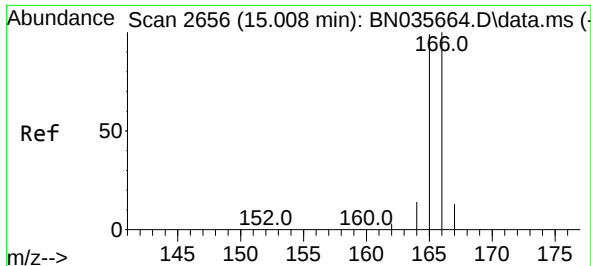
Tgt Ion:152 Resp: 6080
Ion Ratio Lower Upper
152 100
151 21.1 17.6 26.4
153 14.6 11.4 17.2



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

Tgt Ion:153 Resp: 4661
Ion Ratio Lower Upper
153 100
152 49.2 39.8 59.6
154 86.4 69.8 104.8

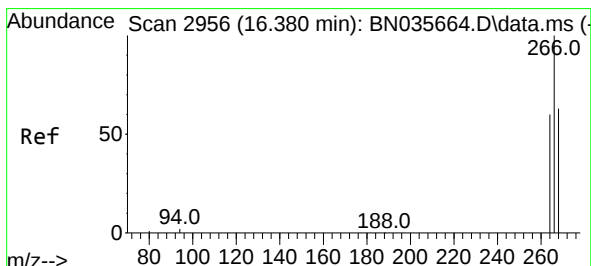
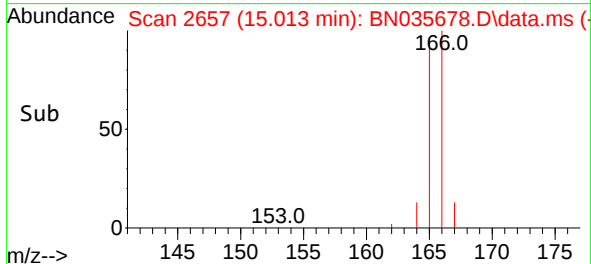
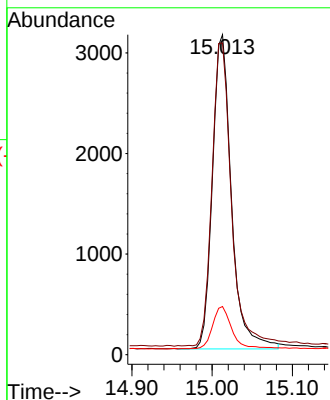
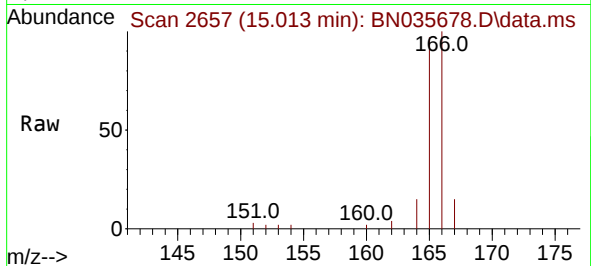




#12
 Fluorene
 Concen: 0.302 ng/ul
 RT: 15.013 min Scan# 2657
 Delta R.T. 0.000 min
 Lab File: BN035678.D
 Acq: 18 Dec 2024 19:54

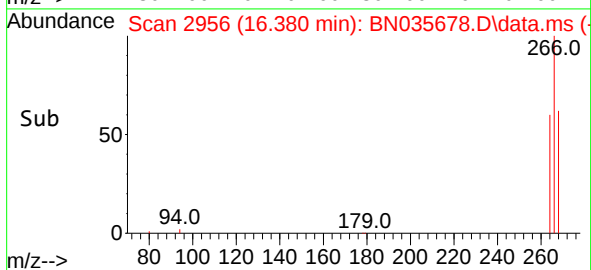
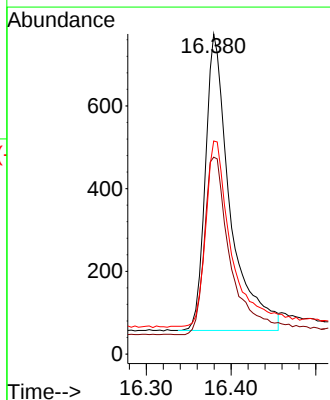
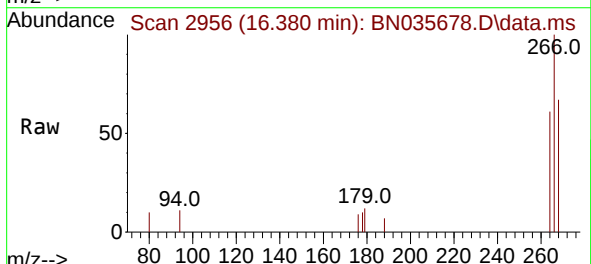
Instrument :
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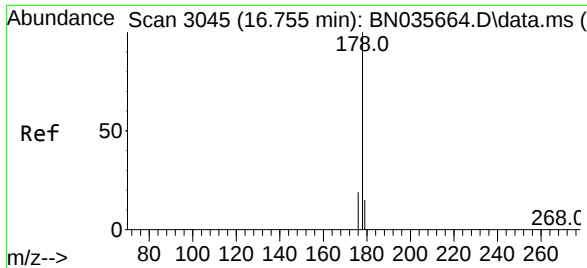
Tgt Ion:166	Resp:	5135
Ion Ratio	Lower	Upper
166	100	
165	97.4	79.5 119.3
167	15.1	11.8 17.8



#14
 Pentachlorophenol
 Concen: 0.551 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035678.D
 Acq: 18 Dec 2024 19:54

Tgt Ion:266	Resp:	1449
Ion Ratio	Lower	Upper
266	100	
264	64.0	49.9 74.9
268	65.4	52.8 79.2

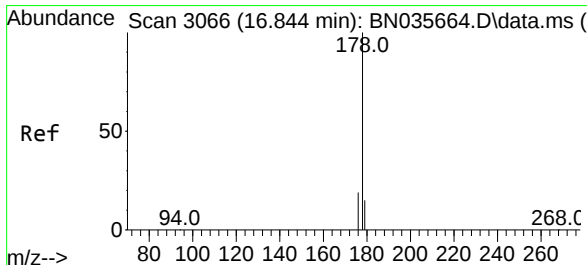
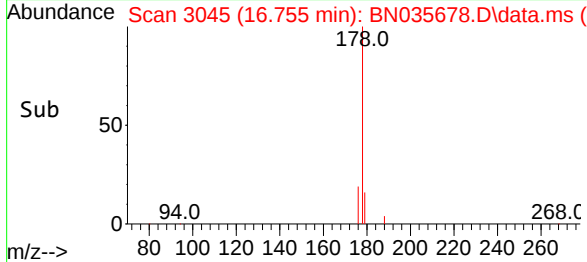
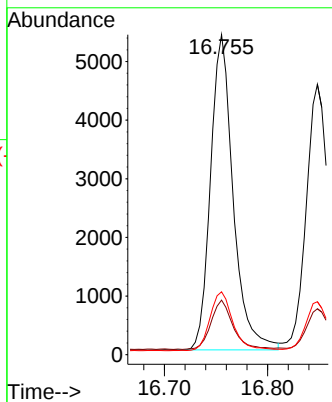
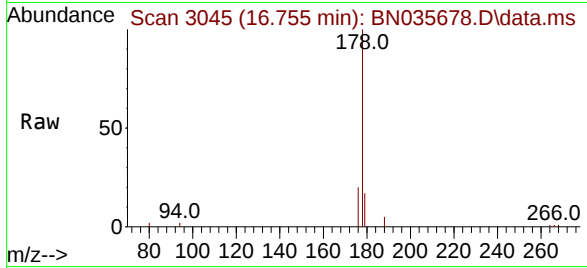




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

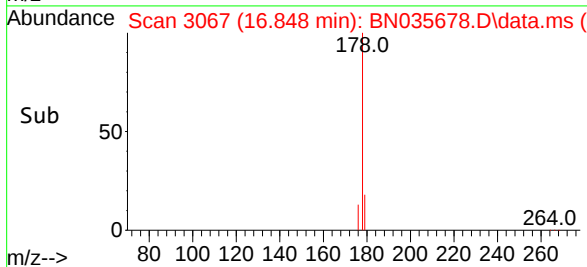
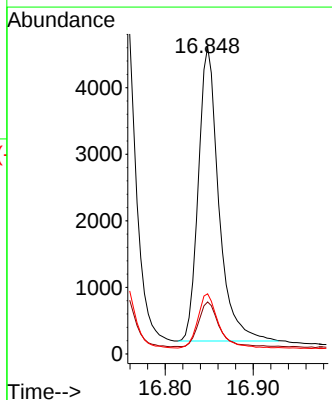
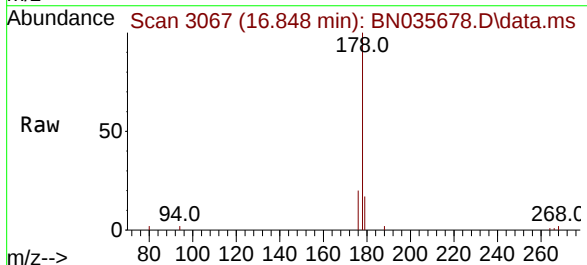
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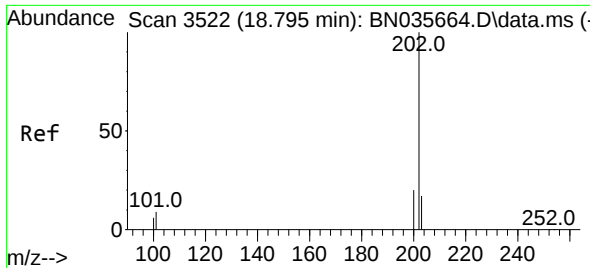
Tgt Ion:	178	Resp:	8196
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.3	19.9
176	19.7	15.8	23.8



#16
Anthracene
Concen: 0.297 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

Tgt Ion:	178	Resp:	7131
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.4	20.0
176	19.6	15.4	23.0

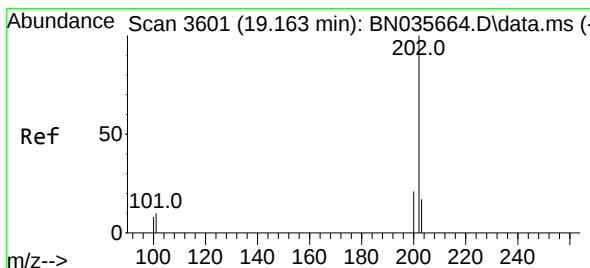
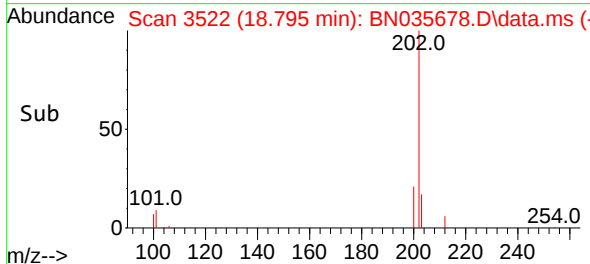
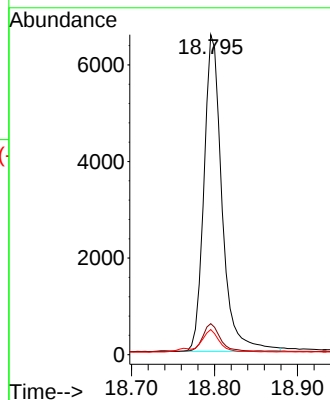
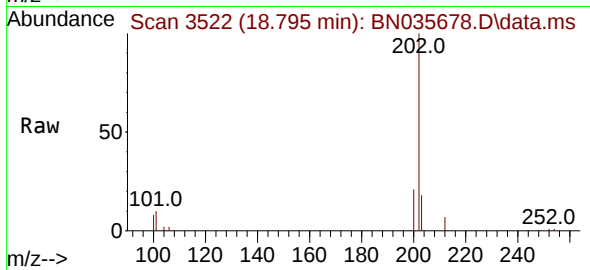




#19
Fluoranthene
Concen: 0.306 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

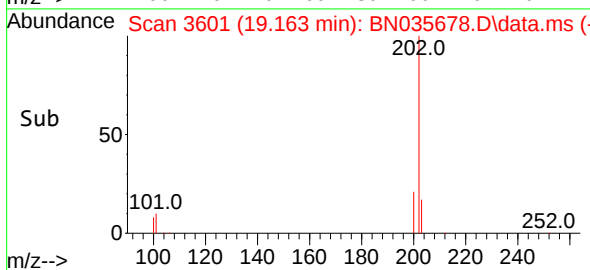
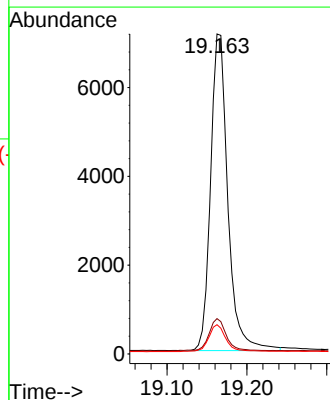
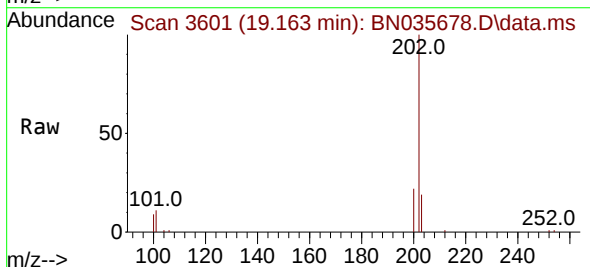
Instrument :
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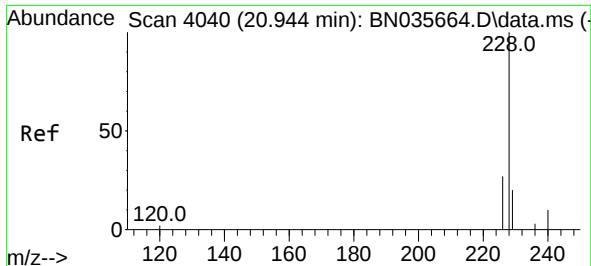
Tgt Ion:202 Resp: 9943
Ion Ratio Lower Upper
202 100
101 9.7 7.3 10.9
100 7.8 5.4 8.0



#20
Pyrene
Concen: 0.299 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

Tgt Ion:202 Resp: 10707
Ion Ratio Lower Upper
202 100
101 11.1 8.5 12.7
100 9.2 6.5 9.7

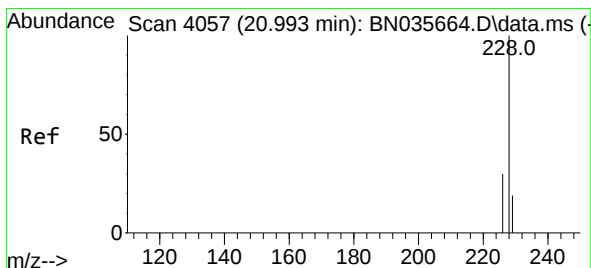
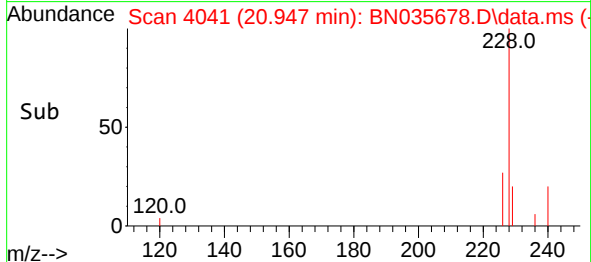
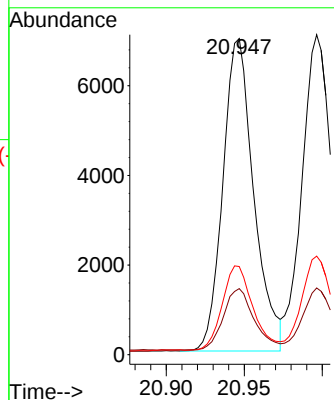
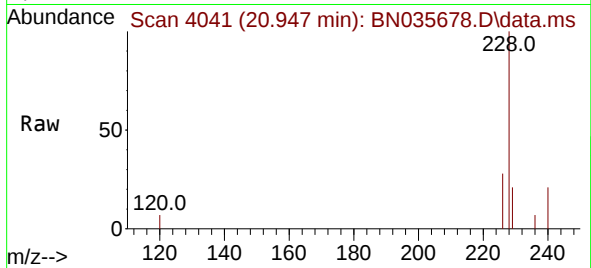




#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 20.947 min Scan# 4040
Delta R.T. -0.003 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

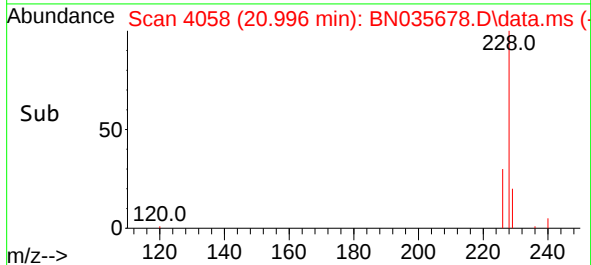
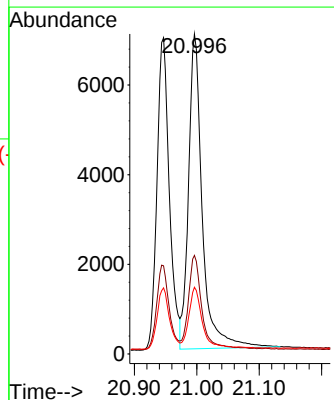
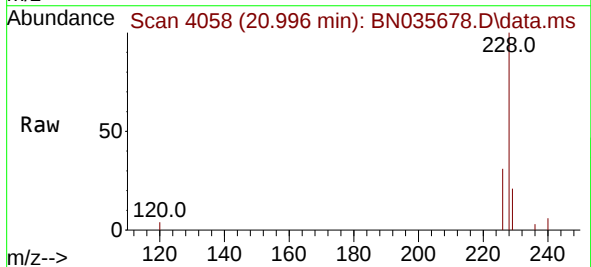
Instrument :
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SLCS587

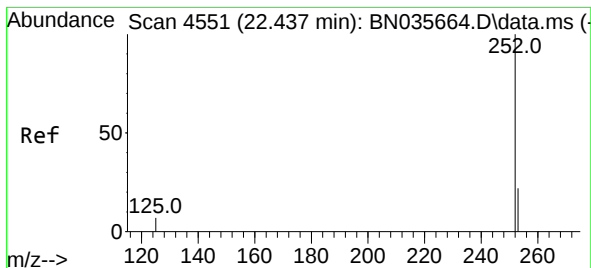
Tgt Ion:228 Resp: 9596
Ion Ratio Lower Upper
228 100
229 20.9 16.6 25.0
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.343 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035678.D
Acq: 18 Dec 2024 19:54

Tgt Ion:228 Resp: 10737
Ion Ratio Lower Upper
228 100
226 30.8 25.1 37.7
229 20.9 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.335 ng/ul

RT: 22.437 min Scan# 4551

Delta R.T. -0.006 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS587

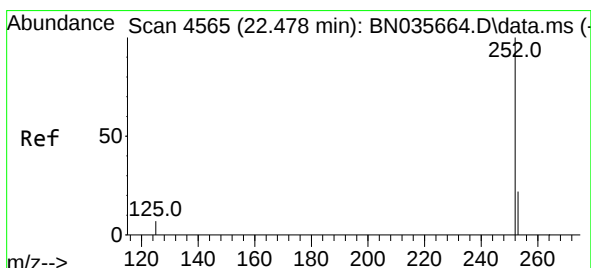
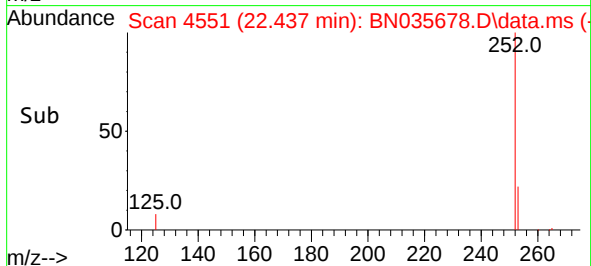
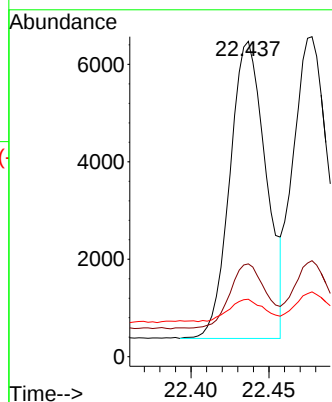
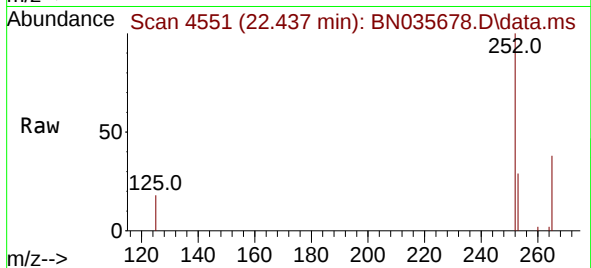
Tgt Ion:252 Resp: 9848

Ion Ratio Lower Upper

252 100

253 29.4 0.0 56.4

125 18.2 0.0 37.6



#25

Benzo(k)fluoranthene

Concen: 0.340 ng/ul

RT: 22.478 min Scan# 4565

Delta R.T. -0.003 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

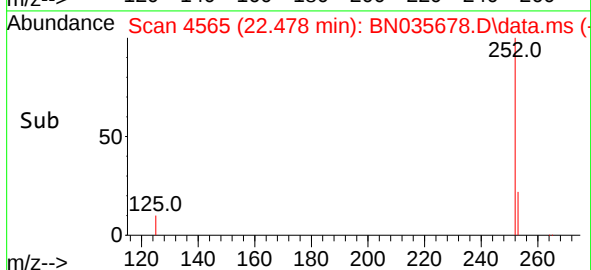
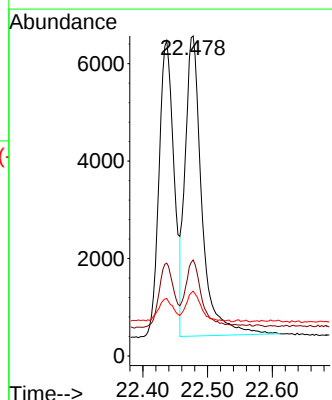
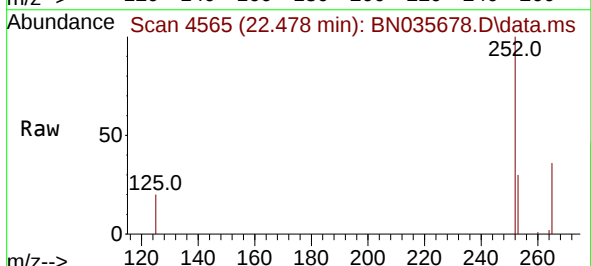
Tgt Ion:252 Resp: 11037

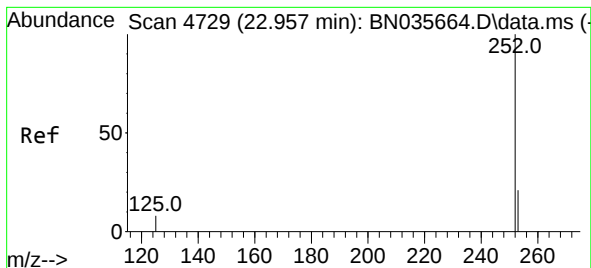
Ion Ratio Lower Upper

252 100

253 30.0 22.1 33.1

125 20.3 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 22.957 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS587

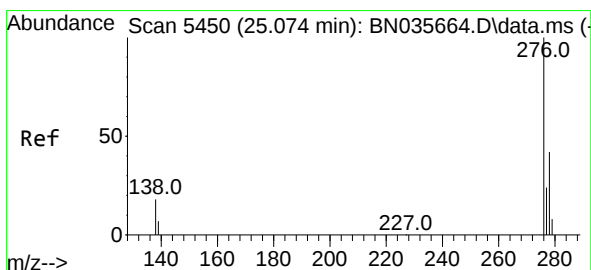
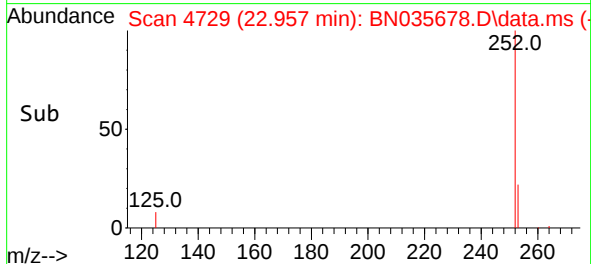
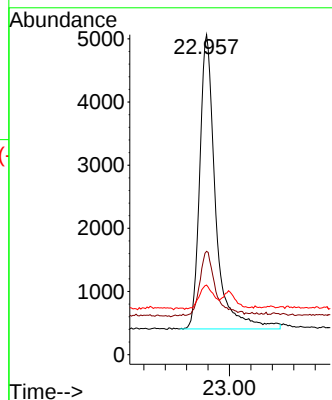
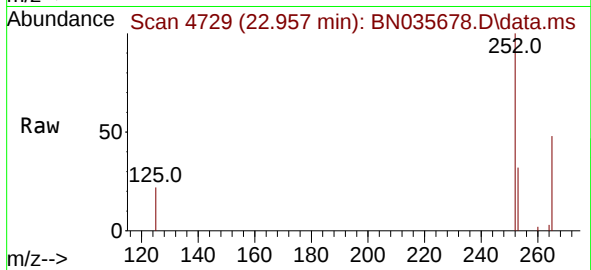
Tgt Ion:252 Resp: 9548

Ion Ratio Lower Upper

252 100

253 32.3 24.1 36.1

125 21.7 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 25.077 min Scan# 5451

Delta R.T. -0.003 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

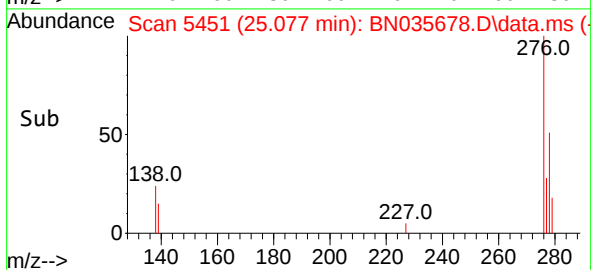
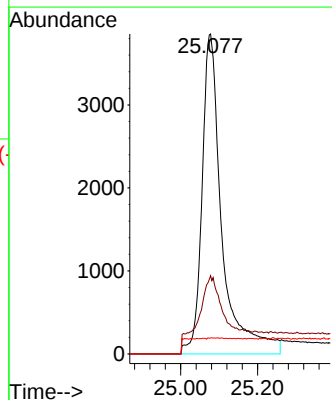
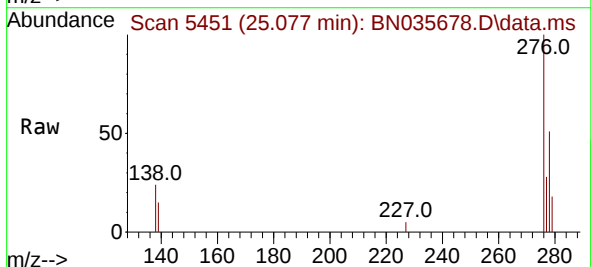
Tgt Ion:276 Resp: 13816

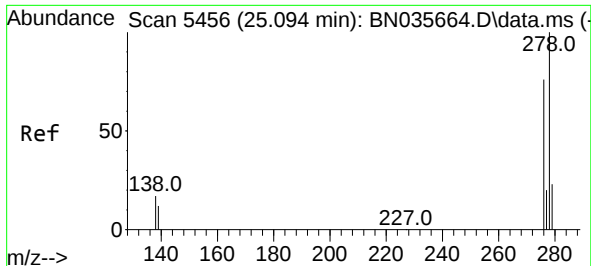
Ion Ratio Lower Upper

276 100

138 44.4 14.7 22.1#

227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.353 ng/ul

RT: 25.094 min Scan# 5456

Delta R.T. -0.007 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

Instrument :

BNA_N

ClientSampleId :

SLCS587

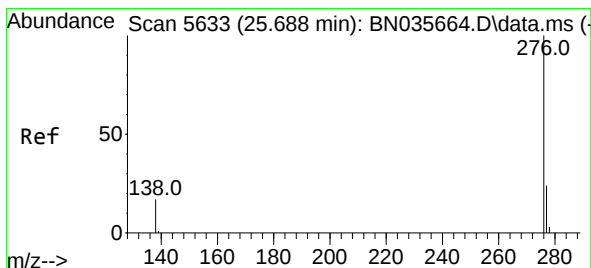
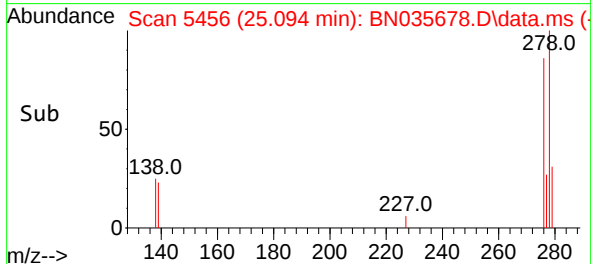
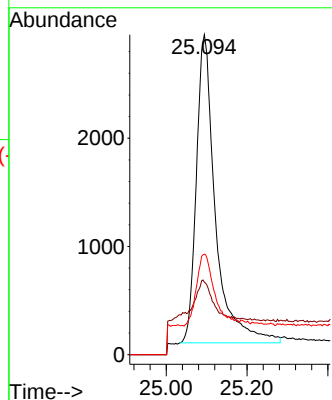
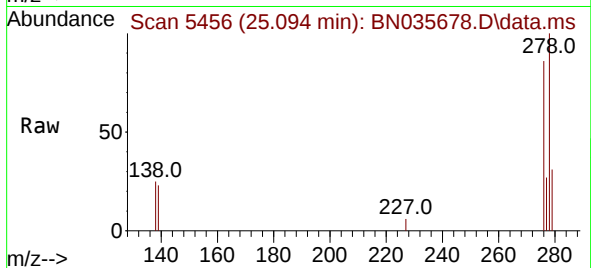
Tgt Ion:278 Resp: 9338

Ion Ratio Lower Upper

278 100

139 22.7 19.8 29.8

279 31.4 24.0 36.0



#29

Benzo(g,h,i)perylene

Concen: 0.351 ng/ul

RT: 25.688 min Scan# 5633

Delta R.T. -0.010 min

Lab File: BN035678.D

Acq: 18 Dec 2024 19:54

Tgt Ion:276 Resp: 9757

Ion Ratio Lower Upper

276 100

138 23.1 19.6 29.4

277 27.1 21.6 32.4

