

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034826.D
 Acq On : 02 Nov 2024 04:38
 Operator : RC/JU
 Sample : P4535-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1L68MSD

Quant Time: Nov 03 23:29:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

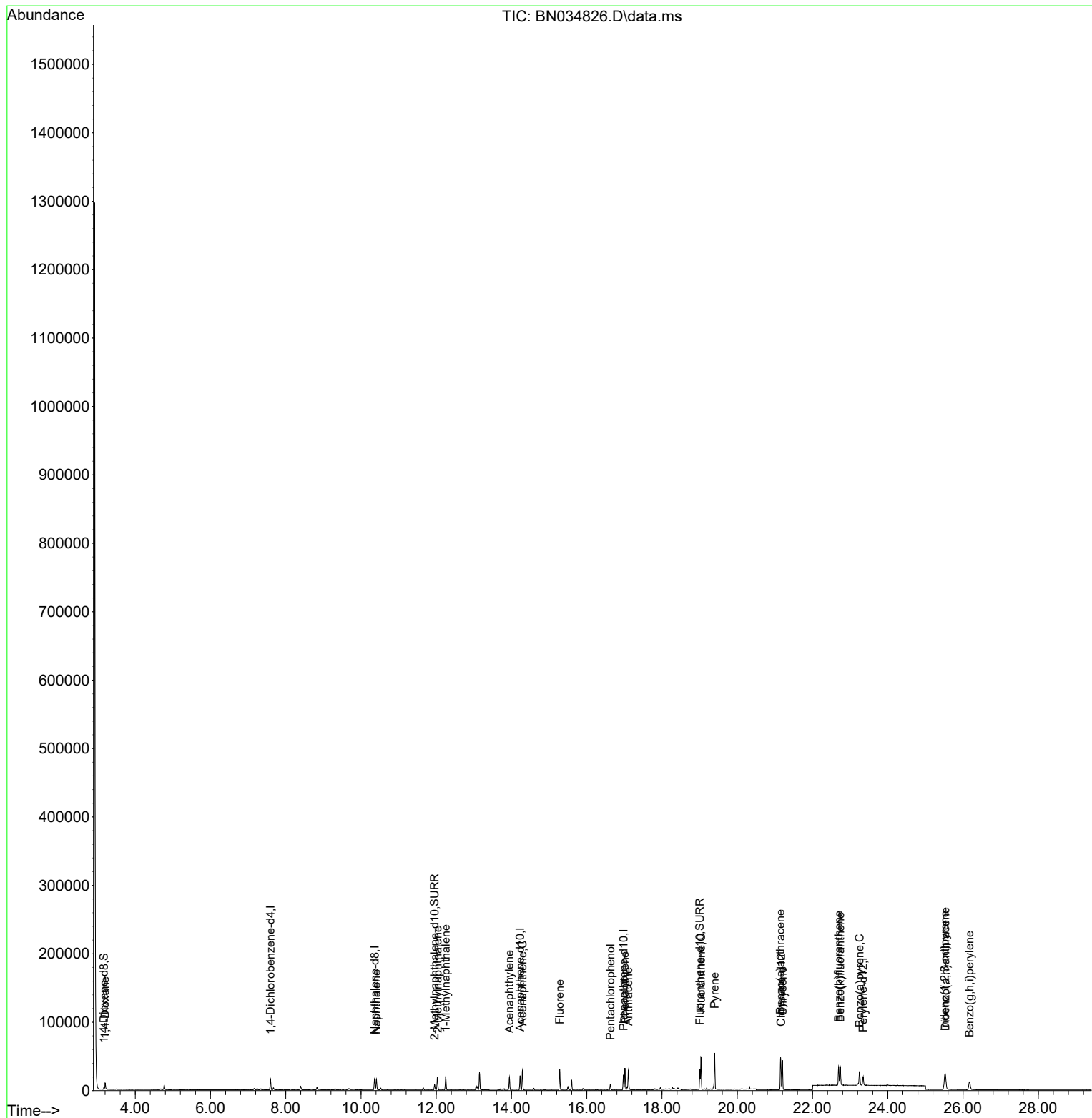
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	21134	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	11126	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	22914	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	17852	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	15848	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2036	0.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	9638	0.364	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	27231	0.469	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	6096	0.749	ng/ul#	88
5) Naphthalene	10.411	128	20717	0.370	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	12714	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.253	142	13126	0.354	ng/ul	99
10) Acenaphthylene	13.944	152	20661	0.408	ng/ul	100
11) Acenaphthene	14.291	153	15974	0.412	ng/ul	100
12) Fluorene	15.281	166	18617	0.431	ng/ul	100
14) Pentachlorophenol	16.629	266	5649	1.249	ng/ul	99
15) Phenanthrene	17.013	178	32242	0.466	ng/ul	100
16) Anthracene	17.106	178	30104	0.469	ng/ul	100
19) Fluoranthene	19.037	202	38237	0.442	ng/ul	99
20) Pyrene	19.400	202	41221	0.457	ng/ul	99
21) Benzo(a)anthracene	21.148	228	35178	0.492	ng/ul	99
22) Chrysene	21.201	228	34708	0.485	ng/ul	100
24) Benzo(b)fluoranthene	22.694	252	31575	0.490	ng/ul	87
25) Benzo(k)fluoranthene	22.738	252	31222	0.480	ng/ul#	88
26) Benzo(a)pyrene	23.250	252	26270	0.473	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.514	276	27966	0.473	ng/ul	100
28) Dibenzo(a,h)anthracene	25.534	278	21586	0.483	ng/ul#	93
29) Benzo(g,h,i)perylene	26.171	276	21281	0.458	ng/ul	97

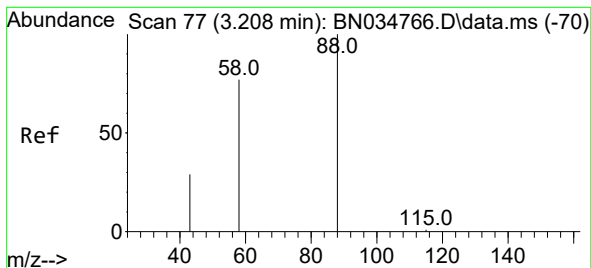
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.749 ng/ul

RT: 3.199 min Scan# 71

Delta R.T. -0.008 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

Instrument :

BNA_N

ClientSampleId :

E1L68MSD

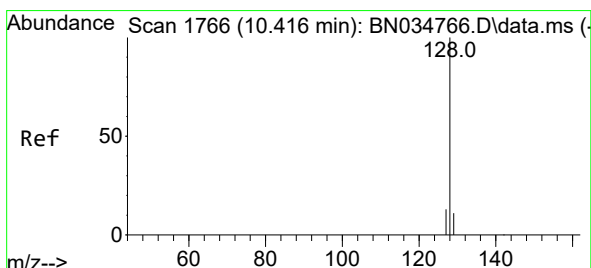
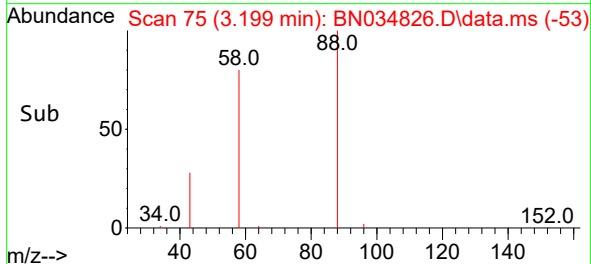
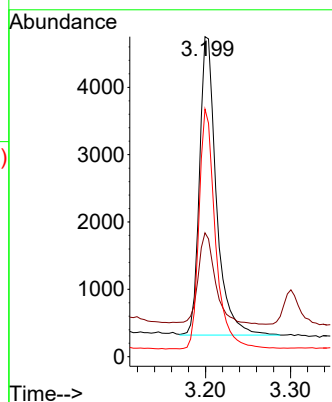
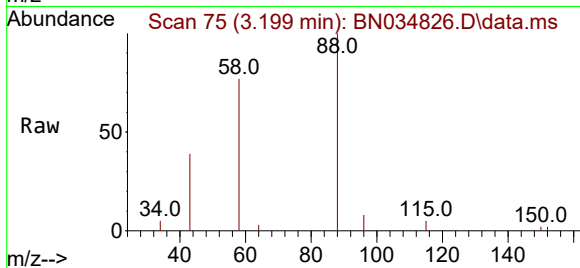
Tgt Ion: 88 Resp: 6096

Ion Ratio Lower Upper

88 100

43 38.7 41.9 62.9#

58 77.3 57.5 86.3



#5

Naphthalene

Concen: 0.370 ng/ul

RT: 10.411 min Scan# 1765

Delta R.T. -0.011 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

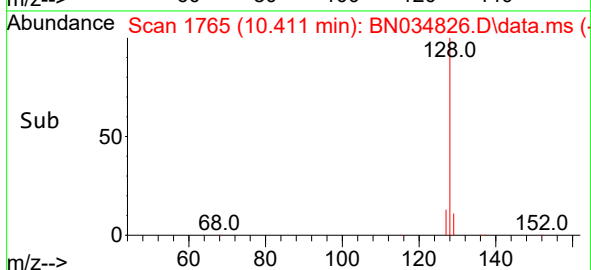
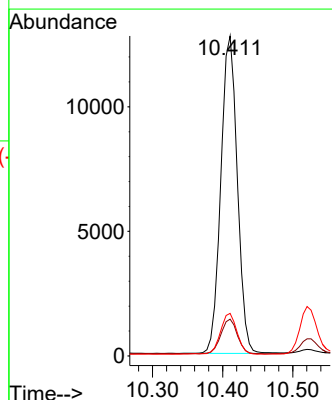
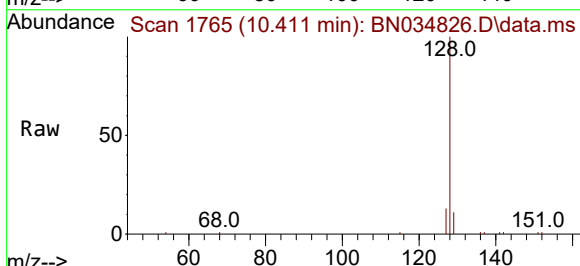
Tgt Ion:128 Resp: 20717

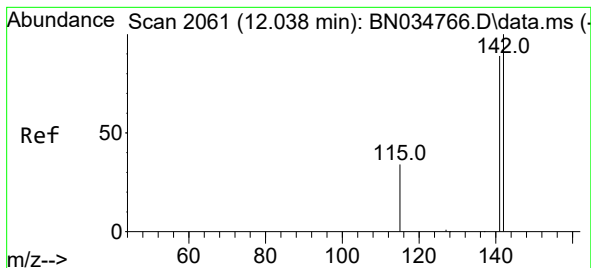
Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.3 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 12.033 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

Instrument :

BNA_N

ClientSampleId :

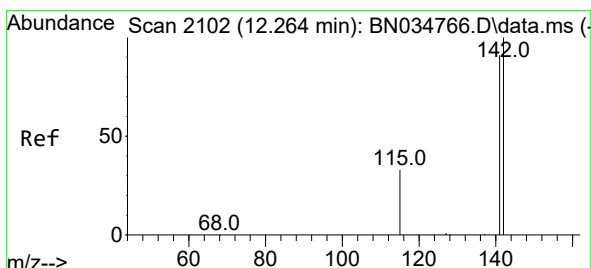
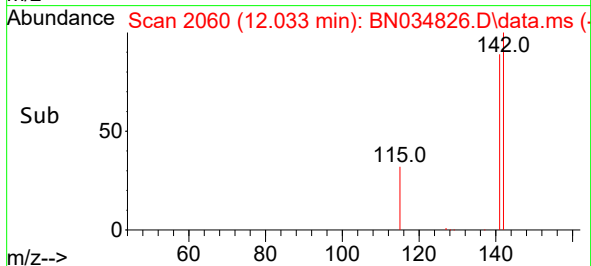
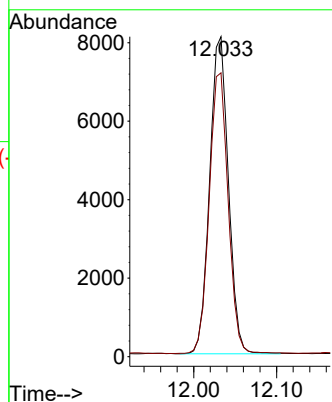
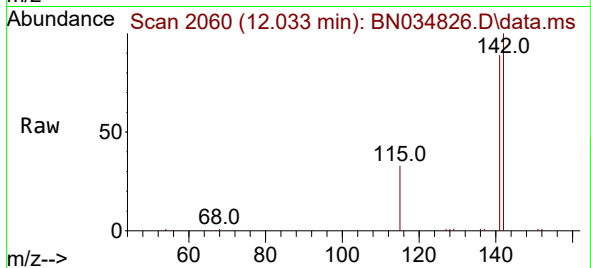
E1L68MSD

Tgt Ion:142 Resp: 12714

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.354 ng/ul

RT: 12.253 min Scan# 2100

Delta R.T. -0.011 min

Lab File: BN034826.D

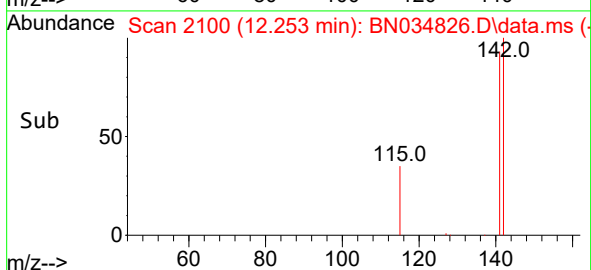
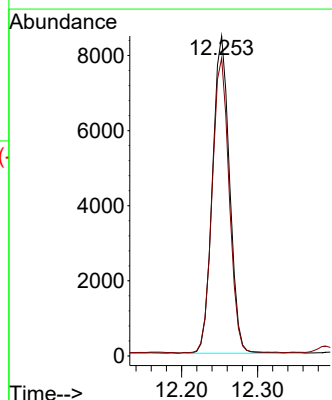
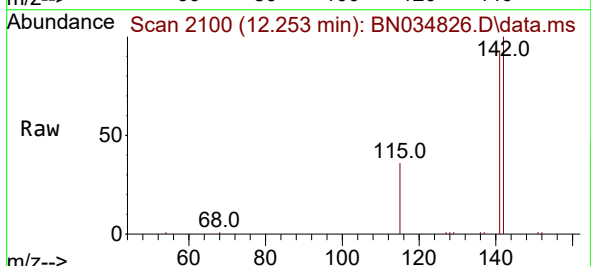
Acq: 02 Nov 2024 04:38

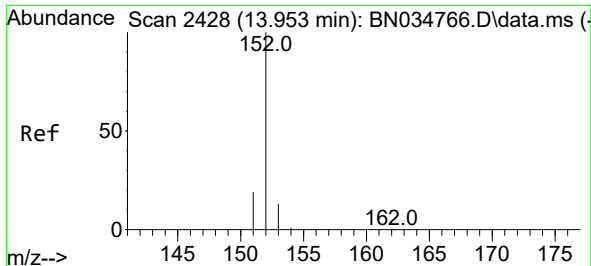
Tgt Ion:142 Resp: 13126

Ion Ratio Lower Upper

142 100

141 93.0 73.6 110.4

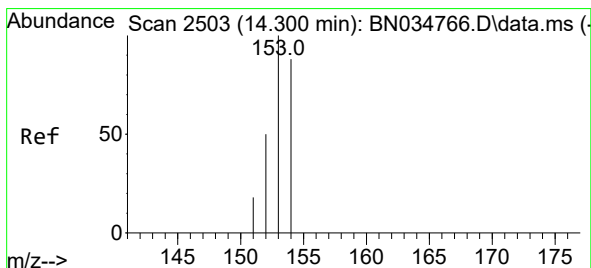
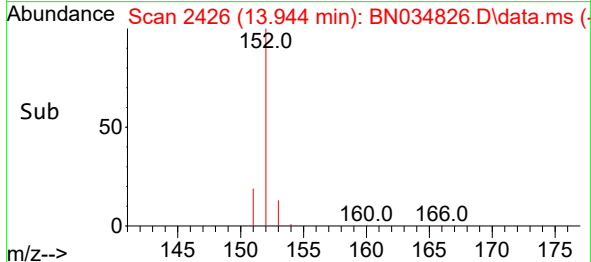
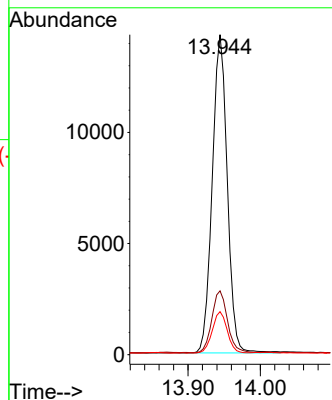
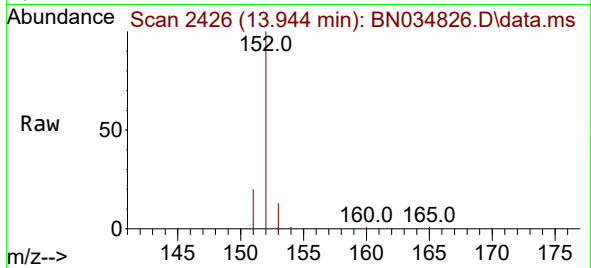




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 13.944 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

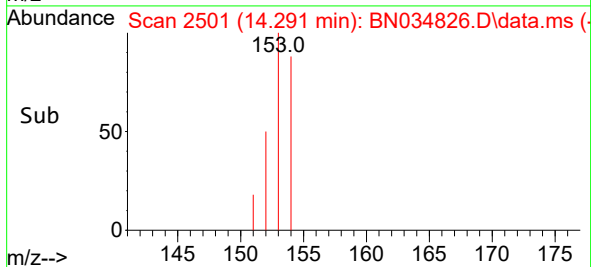
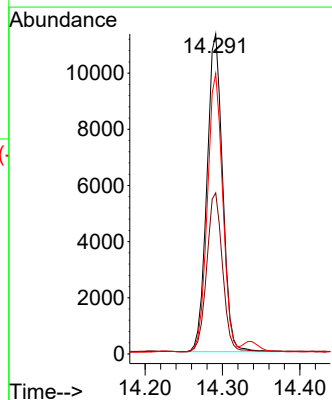
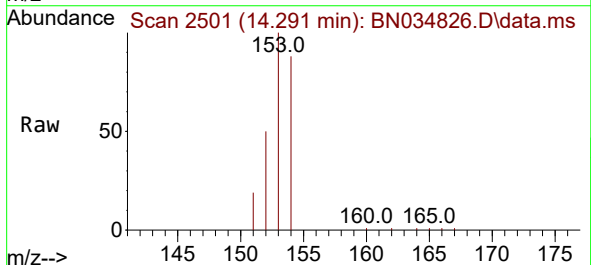
Instrument :
BNA_N
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E1L68MSD

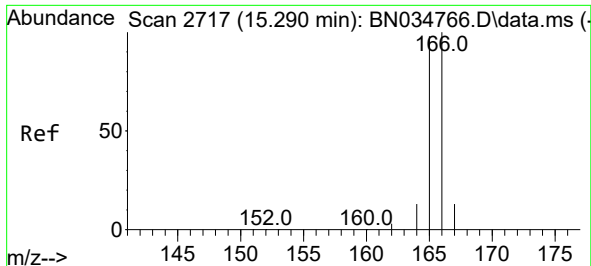
Tgt Ion:152 Resp: 20661
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:153 Resp: 15974
Ion Ratio Lower Upper
153 100
152 50.4 40.3 60.5
154 87.6 69.9 104.9

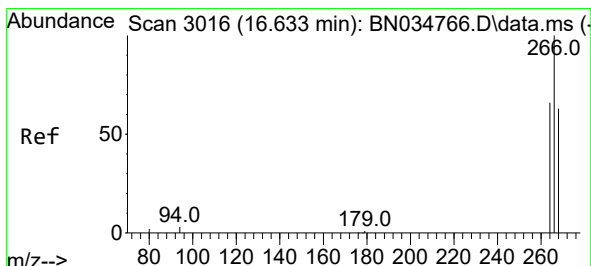
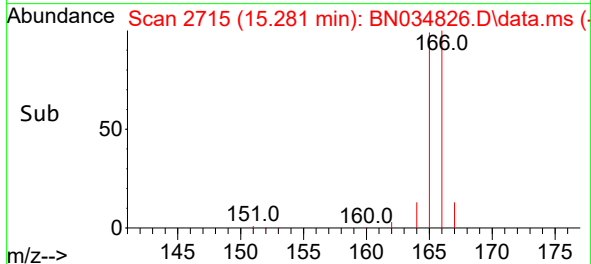
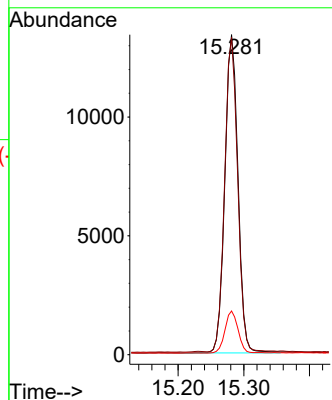
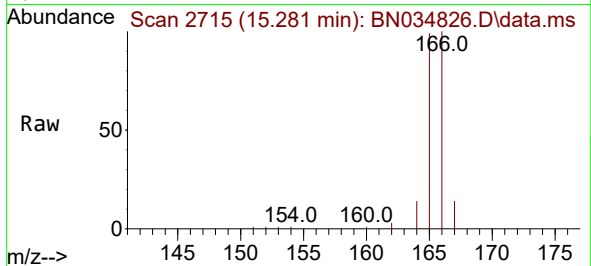




#12
Fluorene
Concen: 0.431 ng/ul
RT: 15.281 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

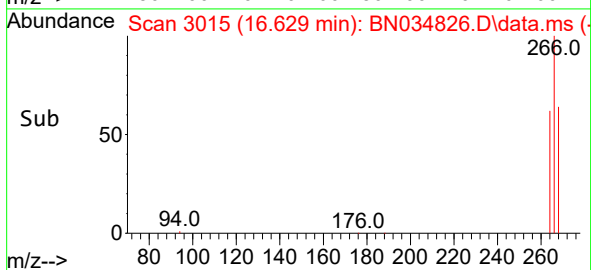
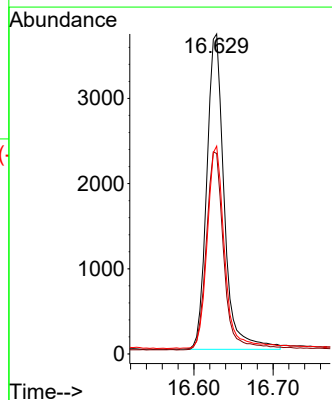
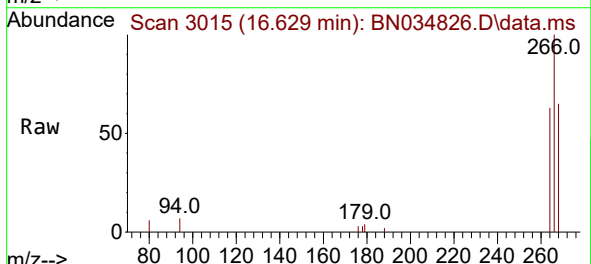
Instrument :
BNA_N
ClientSampleId :
E1L68MSD

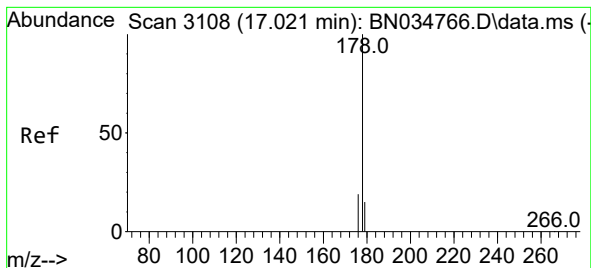
Tgt Ion:166 Resp: 18617
Ion Ratio Lower Upper
166 100
165 99.1 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 1.249 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:266 Resp: 5649
Ion Ratio Lower Upper
266 100
264 63.5 50.1 75.1
268 63.8 52.0 78.0





#15

Phenanthrene

Concen: 0.466 ng/ul

RT: 17.013 min Scan# 3106

Delta R.T. -0.013 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

Instrument :

BNA_N

ClientSampleId :

E1L68MSD

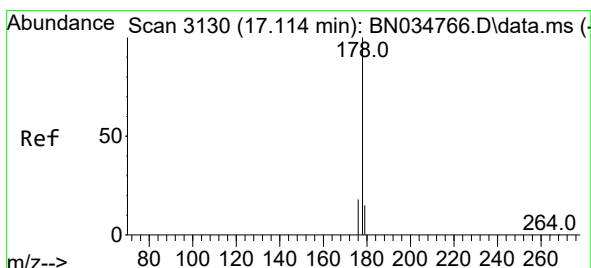
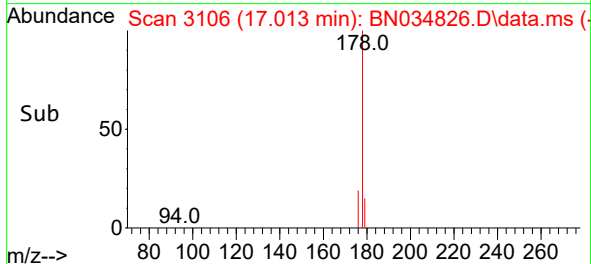
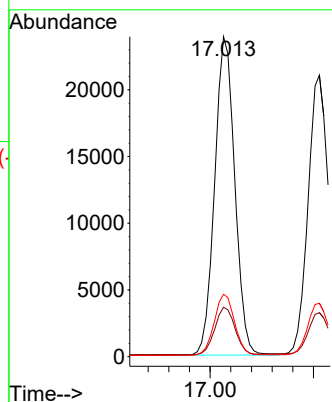
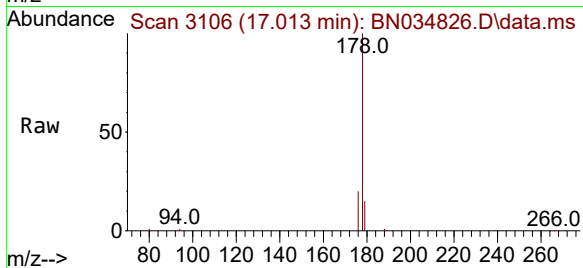
Tgt Ion:178 Resp: 32242

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.5 15.4 23.0



#16

Anthracene

Concen: 0.469 ng/ul

RT: 17.106 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

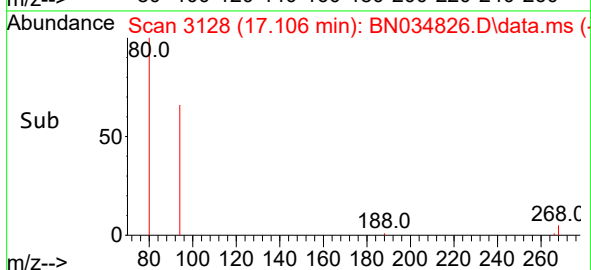
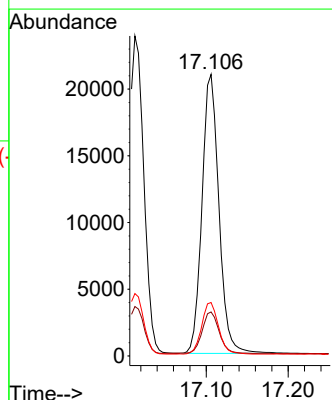
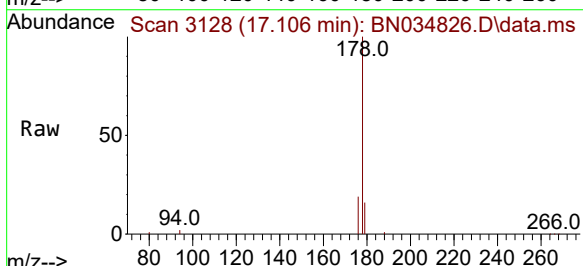
Tgt Ion:178 Resp: 30104

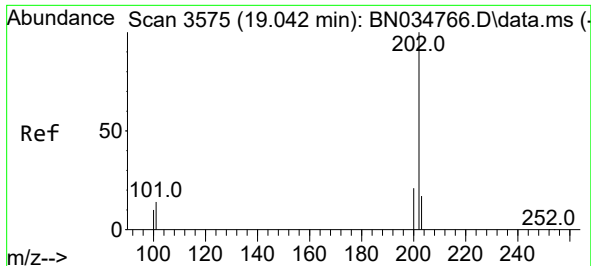
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.0 15.1 22.7

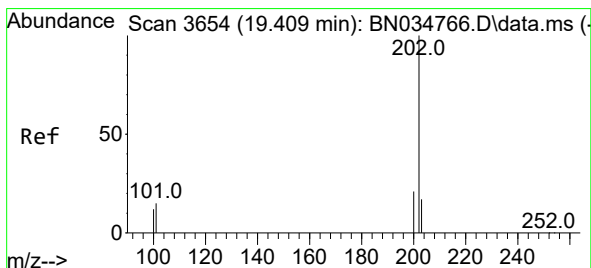
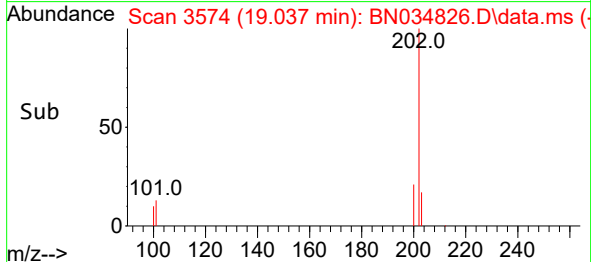
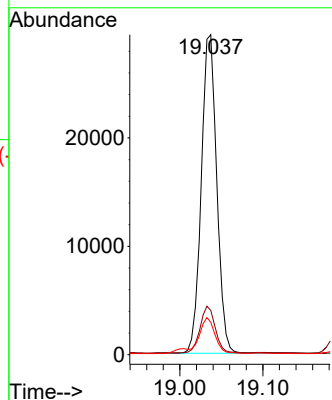
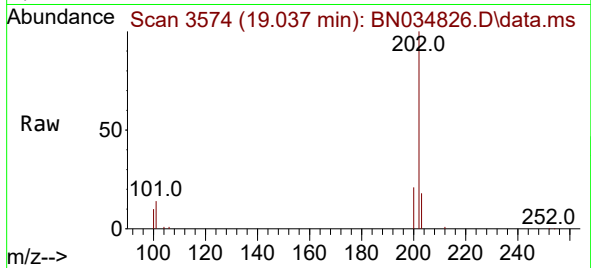




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.037 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

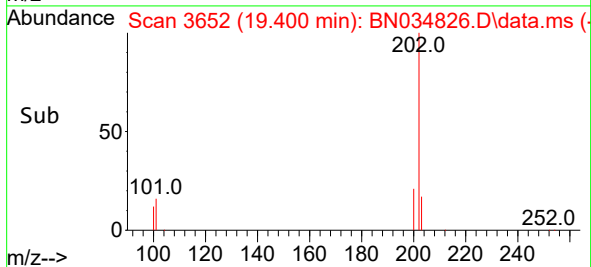
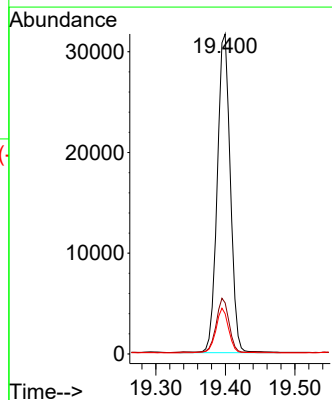
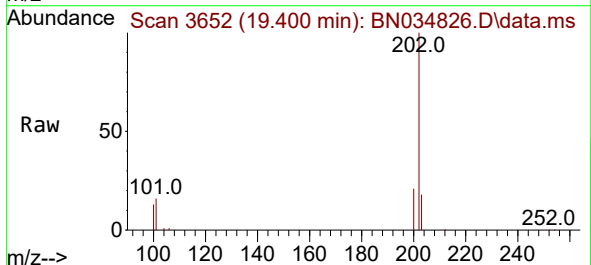
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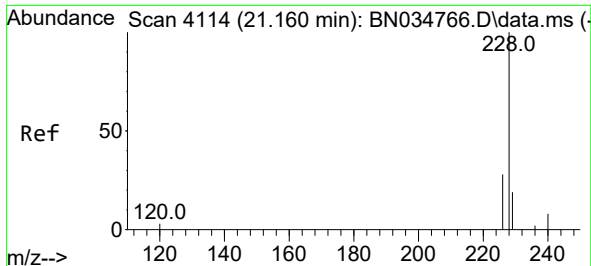
Tgt Ion:202 Resp: 38237
Ion Ratio Lower Upper
202 100
101 13.9 10.8 16.2
100 10.1 8.2 12.2



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:202 Resp: 41221
Ion Ratio Lower Upper
202 100
101 16.0 12.4 18.6
100 12.6 10.0 15.0

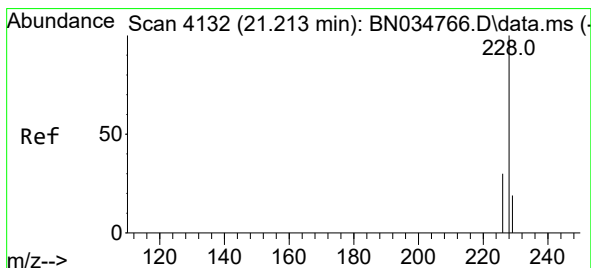
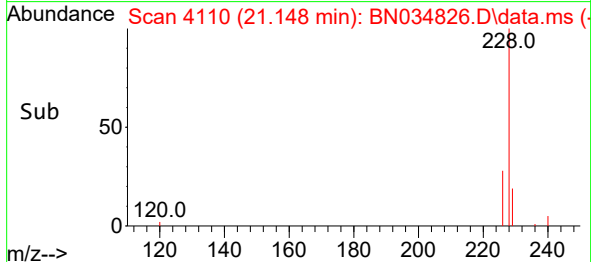
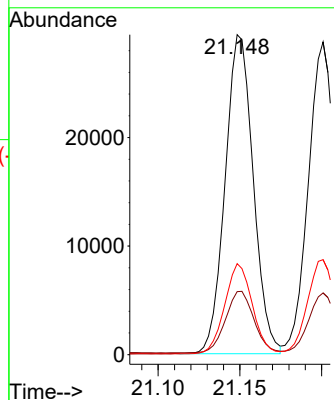
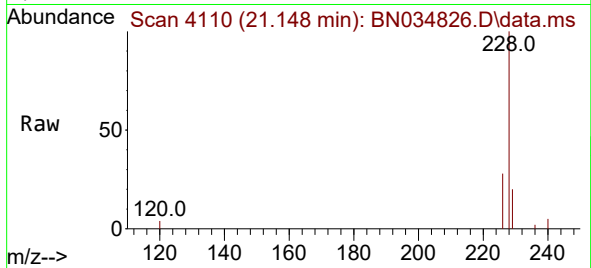




#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

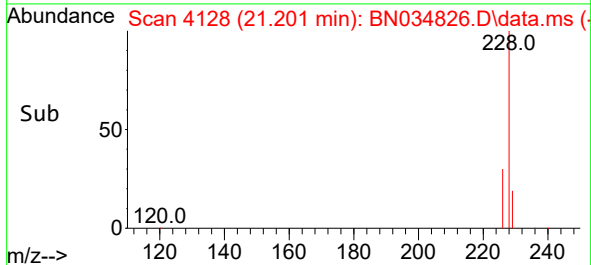
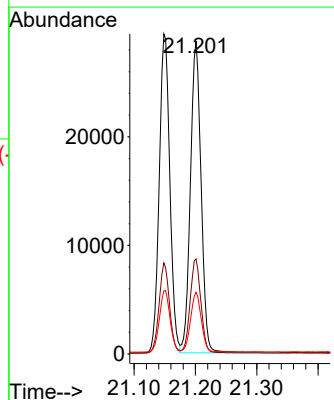
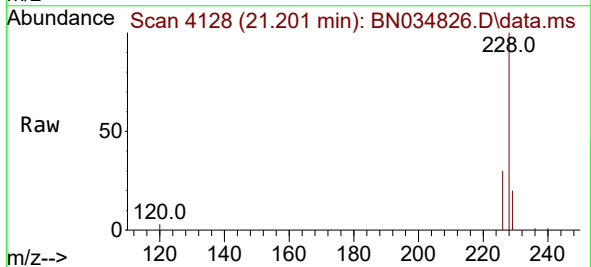
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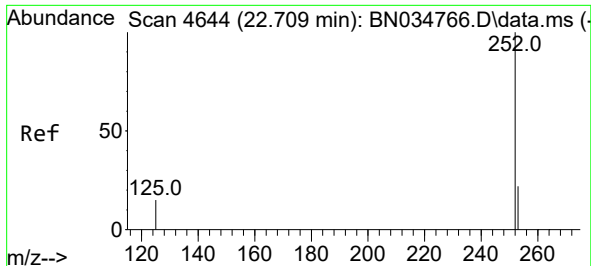
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Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 28.5 22.1 33.1



#22
Chrysene
Concen: 0.485 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:228 Resp: 34708
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.8 15.6 23.4

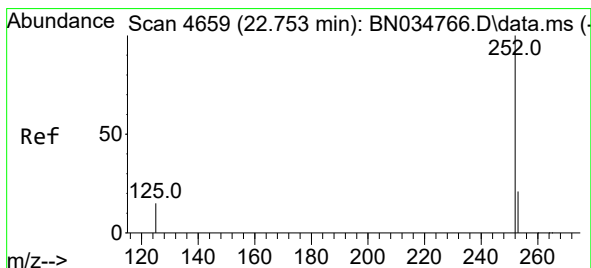
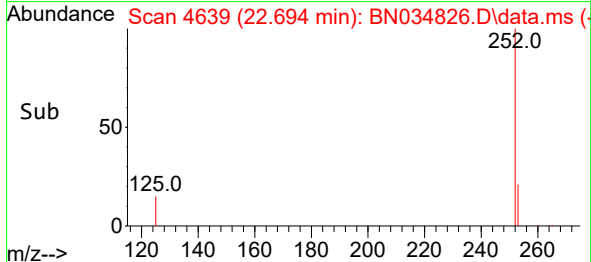
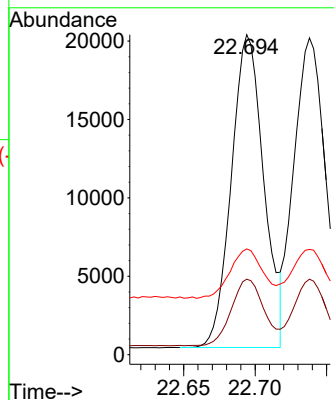
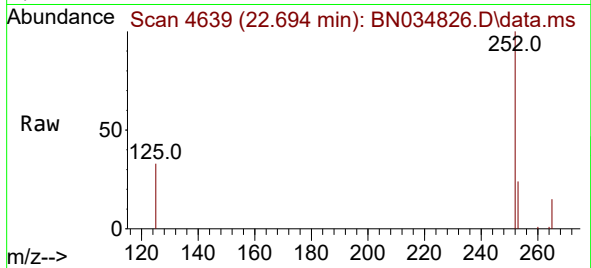




#24
Benzo(b)fluoranthene
Concen: 0.490 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.015 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

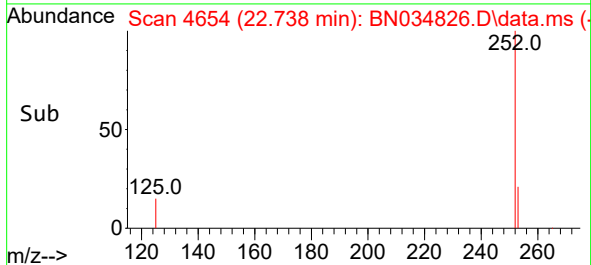
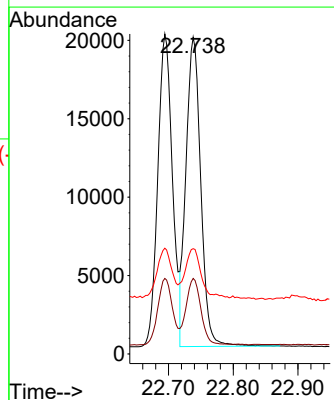
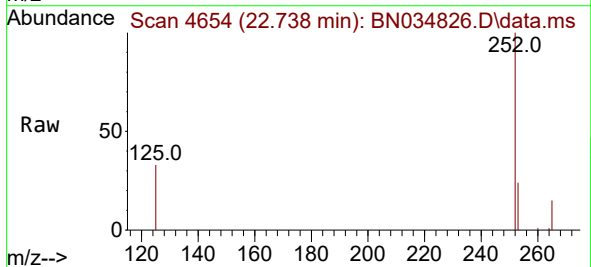
Instrument :
BNA_N
ClientSampleId :
E1L68MSD

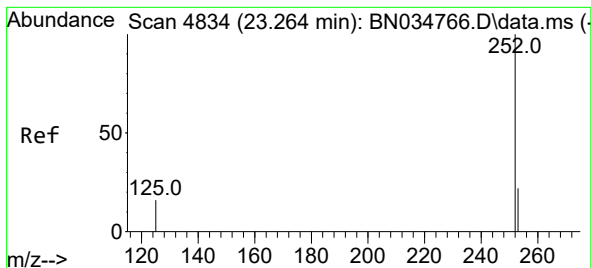
Tgt Ion:252 Resp: 31575
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.6
125 33.1 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:252 Resp: 31222
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 33.2 17.0 25.4#





#26

Benzo(a)pyrene

Concen: 0.473 ng/ul

RT: 23.250 min Scan# 4829

Delta R.T. -0.015 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

Instrument :

BNA_N

ClientSampleId :

E1L68MSD

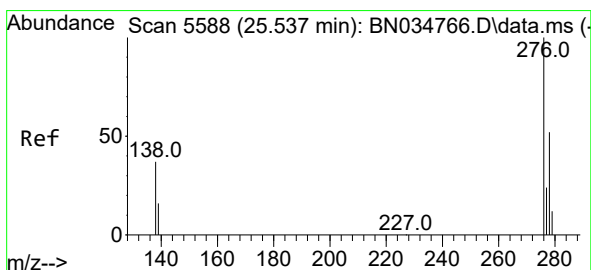
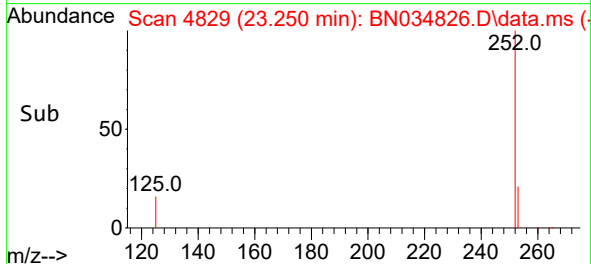
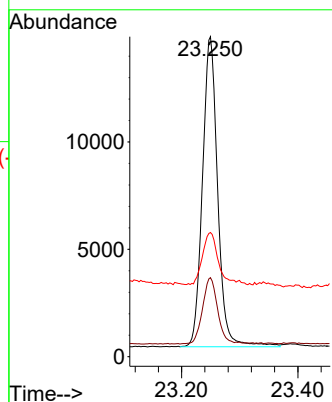
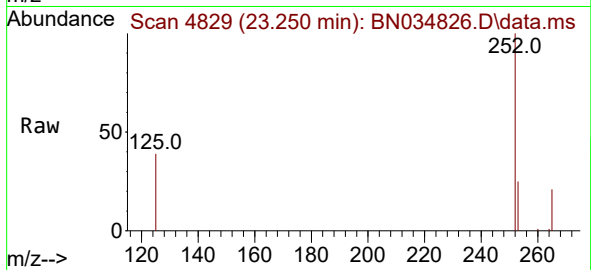
Tgt Ion:252 Resp: 26270

Ion Ratio Lower Upper

252 100

253 24.7 20.0 30.0

125 38.8 19.8 29.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 25.514 min Scan# 5581

Delta R.T. -0.023 min

Lab File: BN034826.D

Acq: 02 Nov 2024 04:38

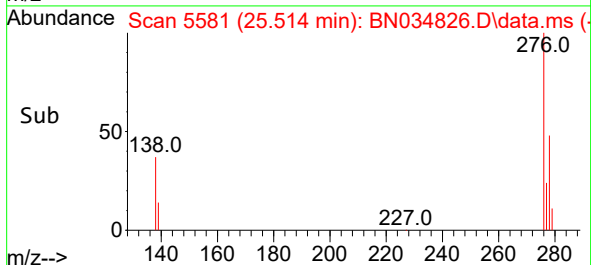
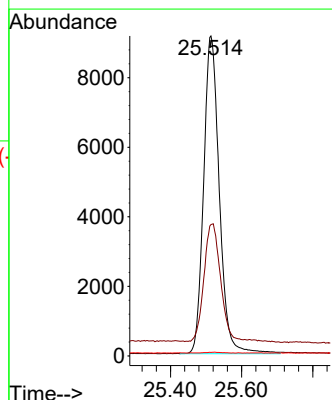
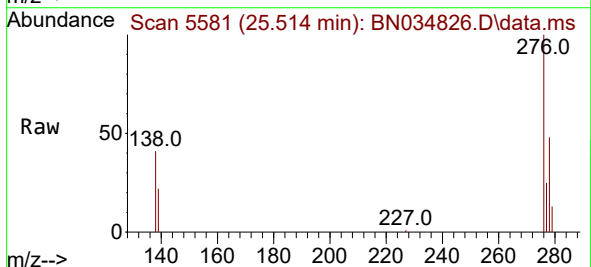
Tgt Ion:276 Resp: 27966

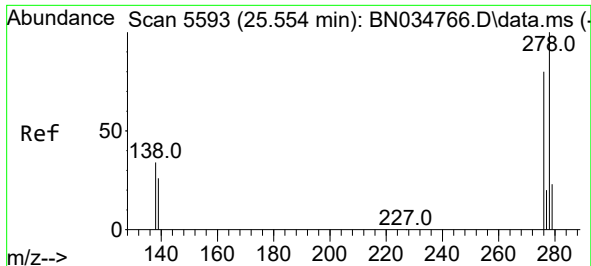
Ion Ratio Lower Upper

276 100

138 39.7 31.8 47.6

227 0.3 0.2 0.4

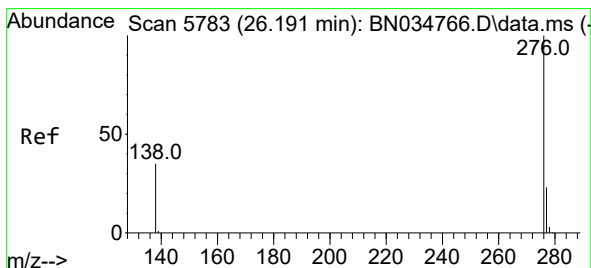
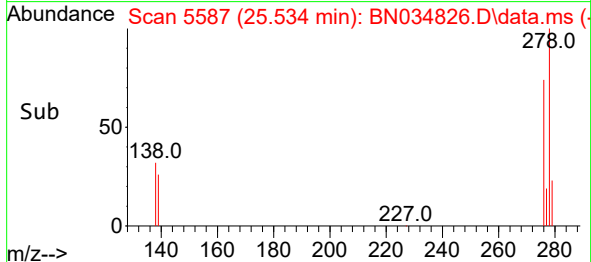
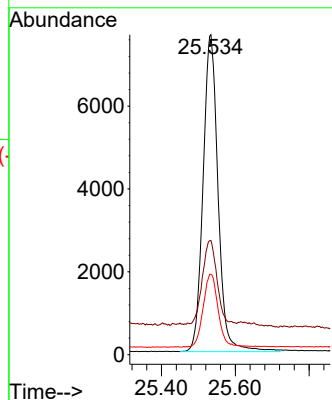
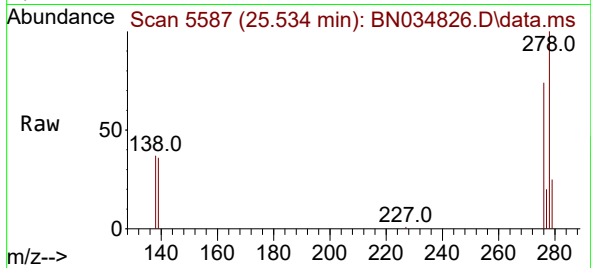




#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 25.534 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Instrument :
BNA_N
ClientSampleId :
E1L68MSD

Tgt Ion:278 Resp: 21586
Ion Ratio Lower Upper
278 100
139 35.7 23.4 35.2#
279 25.1 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.023 min
Lab File: BN034826.D
Acq: 02 Nov 2024 04:38

Tgt Ion:276 Resp: 21281
Ion Ratio Lower Upper
276 100
138 38.5 28.8 43.2
277 24.7 20.2 30.2

