

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035025.D
 Acq On : 12 Nov 2024 03:14
 Operator : RC/JU
 Sample : PB164722BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS722

Quant Time: Nov 12 03:43:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

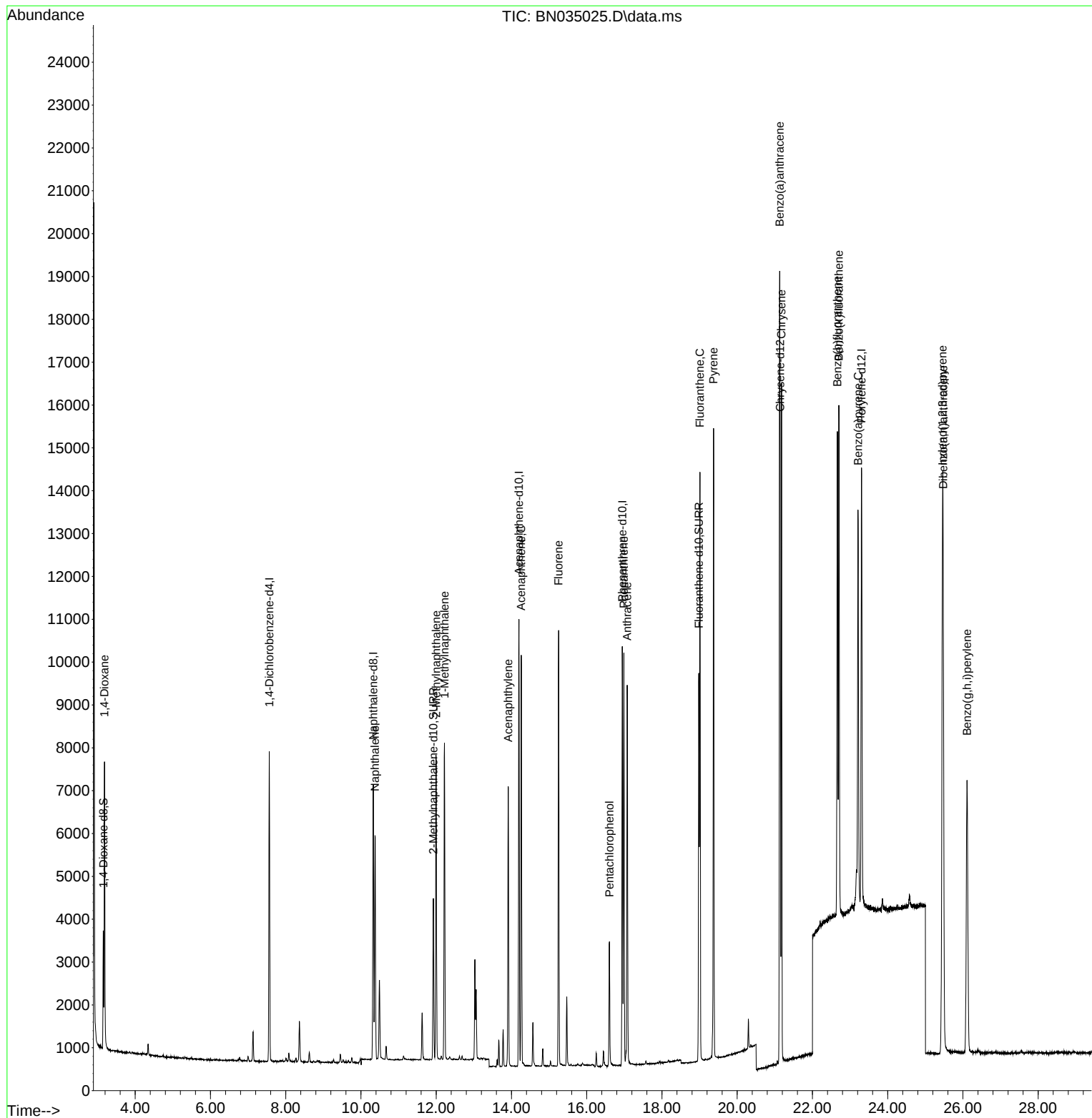
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3573	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	8789	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.199	164	5547	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11583	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	10891	0.400	ng/ul	# 0.00
23) Perylene-d12	23.305	264	12412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1866	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	4689	0.348	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	10481	0.375	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.182	88	4762	1.278	ng/ul#	92
5) Naphthalene	10.372	128	7001	0.318	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	4907	0.299	ng/ul	100
8) 1-Methylnaphthalene	12.220	142	4922	0.299	ng/ul	99
10) Acenaphthylene	13.912	152	7195	0.317	ng/ul	99
11) Acenaphthene	14.259	153	5374	0.313	ng/ul	99
12) Fluorene	15.253	166	6134	0.281	ng/ul	99
14) Pentachlorophenol	16.603	266	1955	0.730	ng/ul	97
15) Phenanthrene	16.988	178	9853	0.318	ng/ul	99
16) Anthracene	17.076	178	9249	0.318	ng/ul	99
19) Fluoranthene	19.009	202	12105	0.333	ng/ul#	95
20) Pyrene	19.372	202	12600	0.334	ng/ul#	96
21) Benzo(a)anthracene	21.128	228	13165	0.334	ng/ul	99
22) Chrysene	21.177	228	13039	0.324	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	13671	0.313	ng/ul	95
25) Benzo(k)fluoranthene	22.703	252	14109	0.309	ng/ul#	96
26) Benzo(a)pyrene	23.212	252	12899	0.331	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.457	276	17074	0.358	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.473	278	13328	0.359	ng/ul#	97
29) Benzo(g,h,i)perylene	26.107	276	13339	0.366	ng/ul#	97

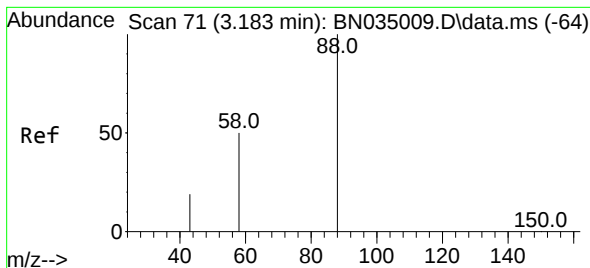
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.278 ng/ul

RT: 3.182 min Scan# 71

Delta R.T. -0.004 min

Lab File: BN035025.D

Acq: 12 Nov 2024 03:14

Instrument :

BNA_N

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SLCS722

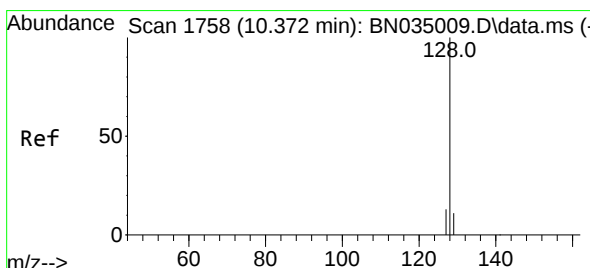
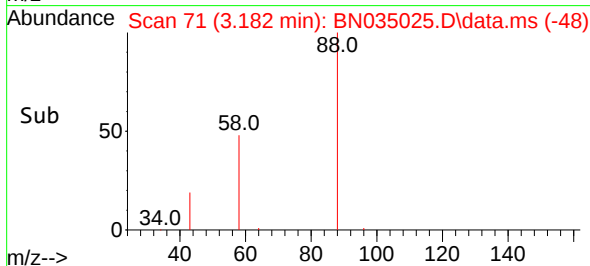
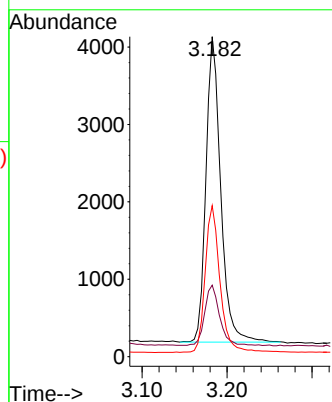
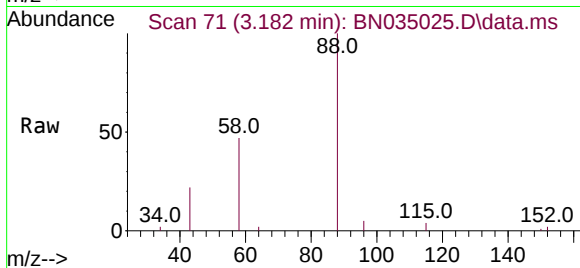
Tgt Ion: 88 Resp: 4762

Ion Ratio Lower Upper

88 100

43 22.4 23.3 34.9#

58 47.2 35.4 53.2



#5

Naphthalene

Concen: 0.318 ng/ul

RT: 10.372 min Scan# 1758

Delta R.T. -0.016 min

Lab File: BN035025.D

Acq: 12 Nov 2024 03:14

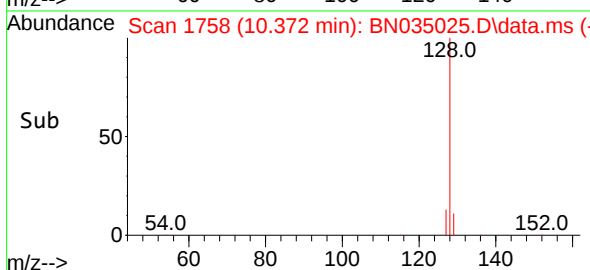
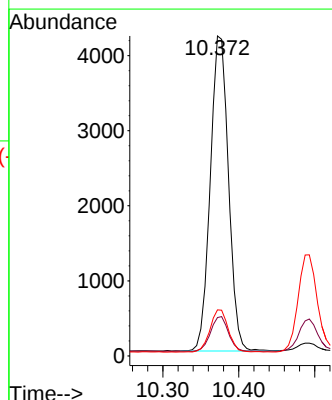
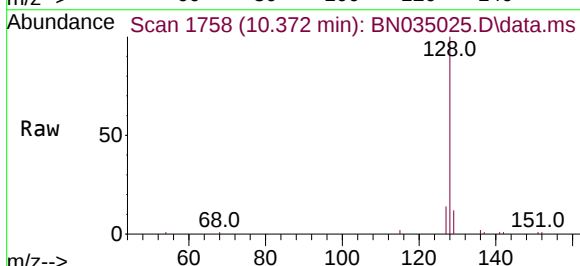
Tgt Ion:128 Resp: 7001

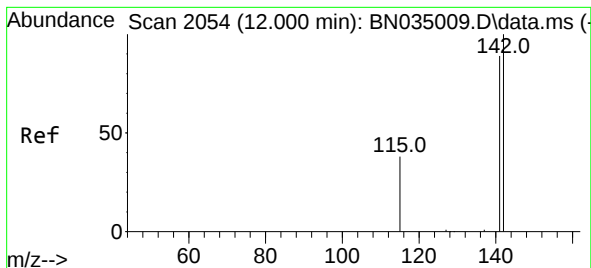
Ion Ratio Lower Upper

128 100

129 12.0 10.1 15.1

127 14.4 12.1 18.1

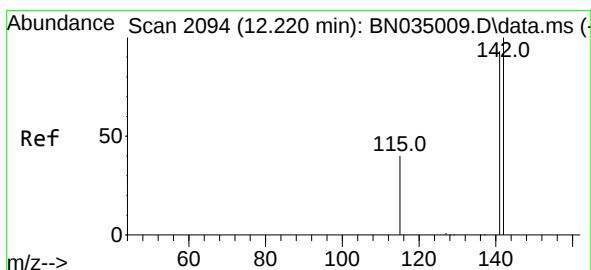
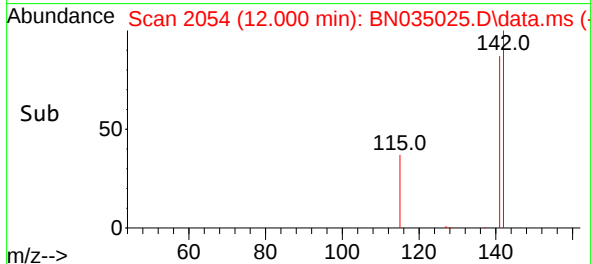
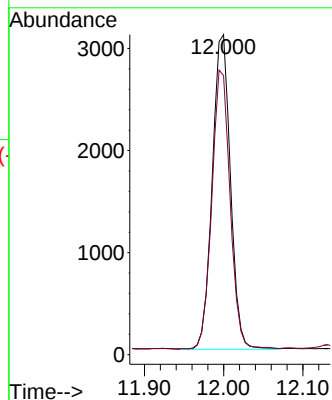
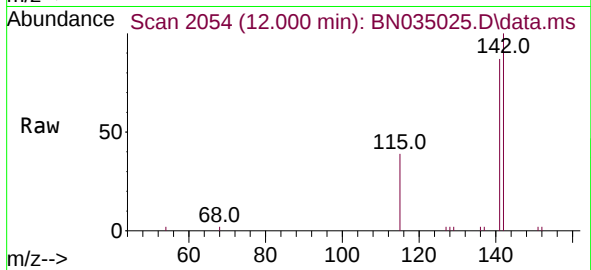




#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

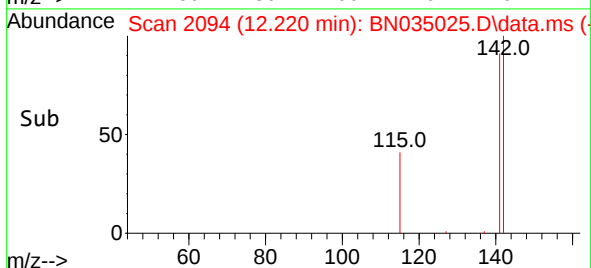
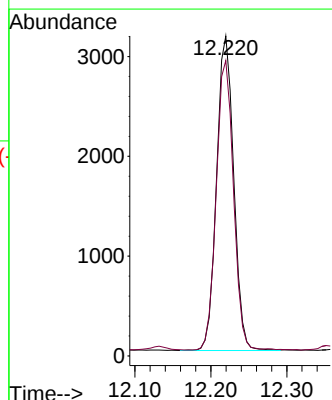
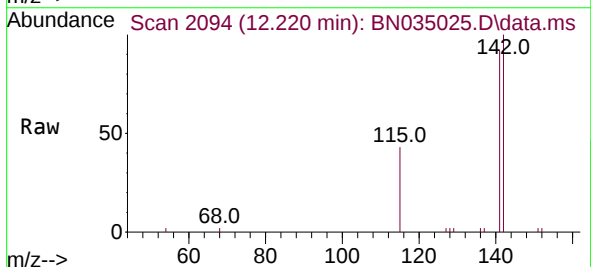
Instrument :
BNA_N
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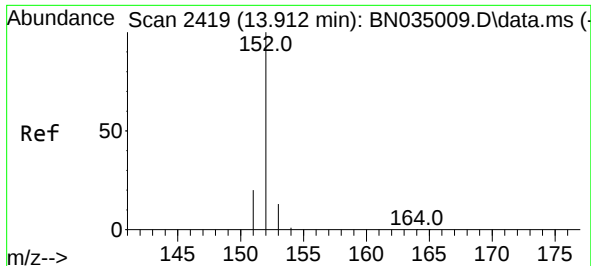
Tgt Ion:142 Resp: 4907
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:142 Resp: 4922
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8

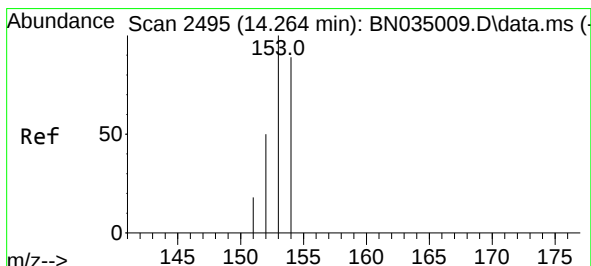
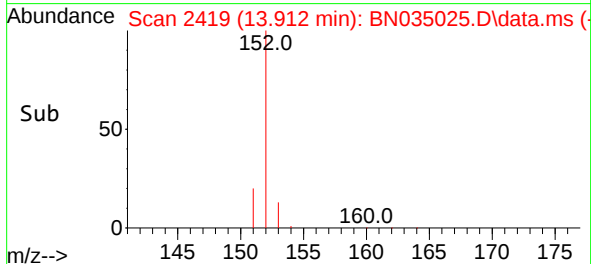
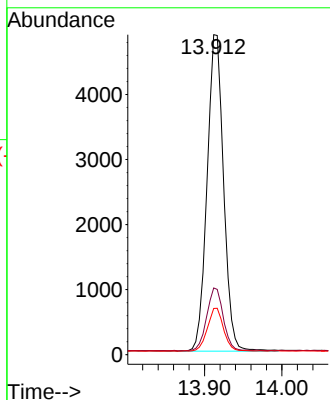
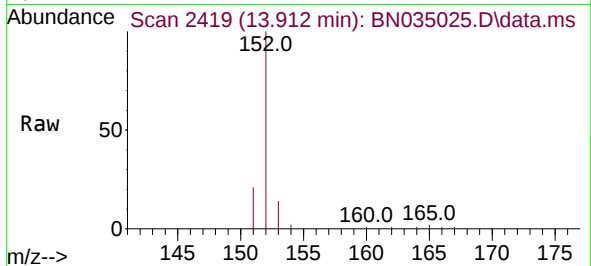




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 13.912 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

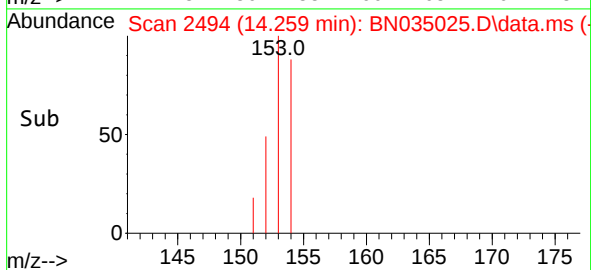
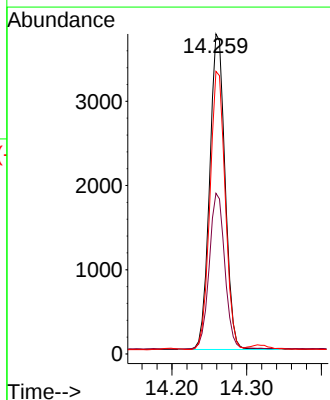
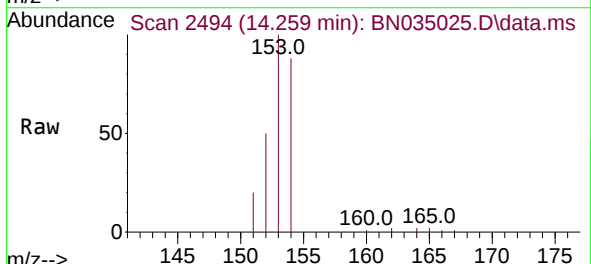
Instrument :
BNA_N
ClientSampleId :
SLCS722

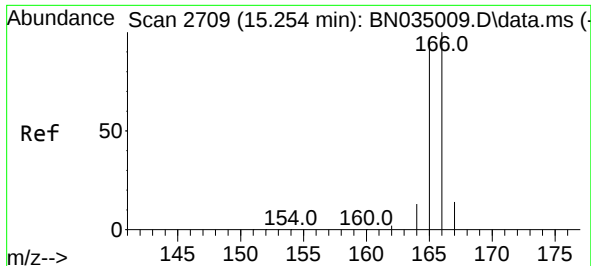
Tgt Ion:152 Resp: 7195
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.4 11.0 16.6



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.259 min Scan# 2494
Delta R.T. -0.014 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:153 Resp: 5374
Ion Ratio Lower Upper
153 100
152 50.2 41.5 62.3
154 88.3 70.9 106.3

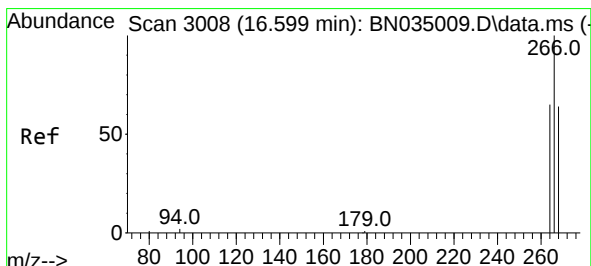
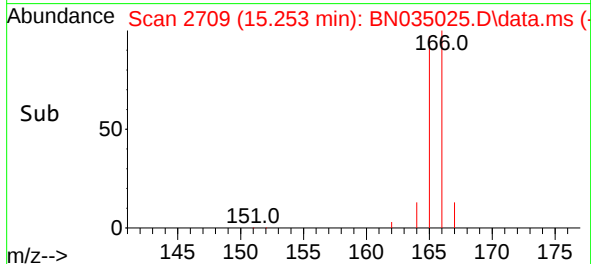
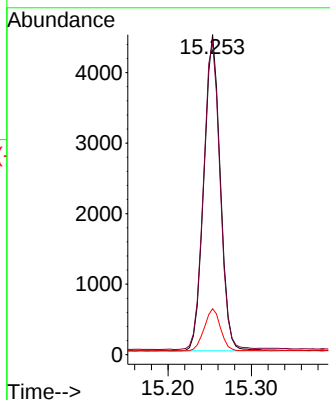
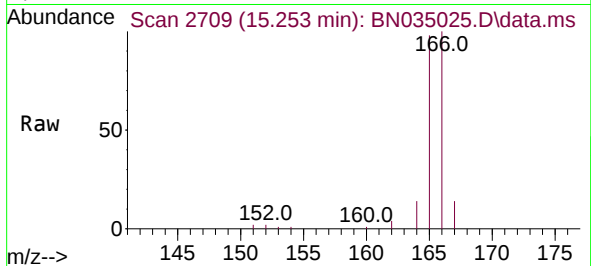




#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

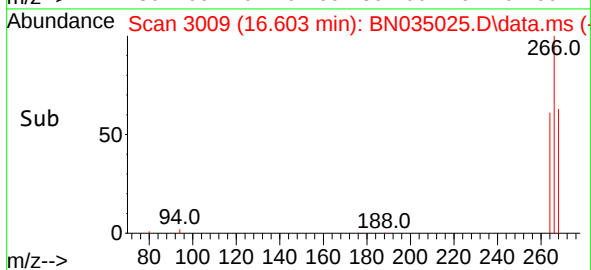
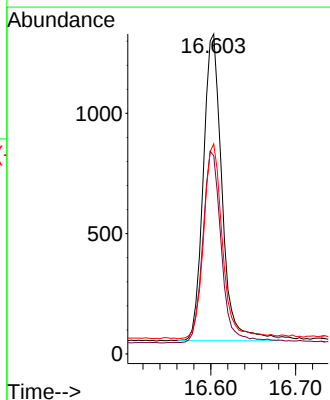
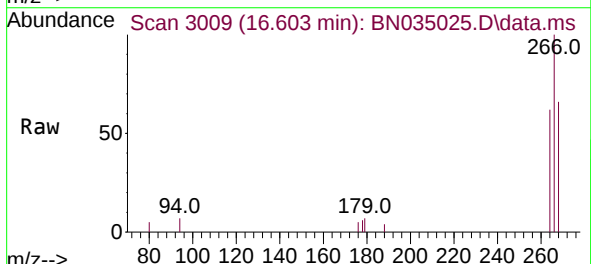
Instrument :
BNA_N
ClientSampleId :
SLCS722

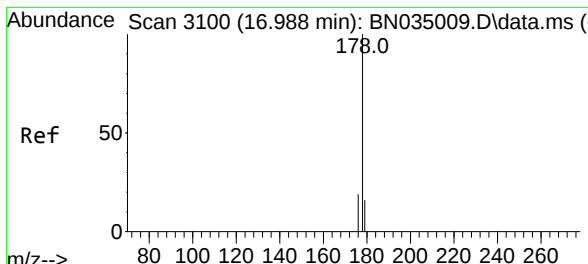
Tgt Ion:166 Resp: 6134
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.730 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:266 Resp: 1955
Ion Ratio Lower Upper
266 100
264 62.5 50.2 75.2
268 64.6 48.4 72.6

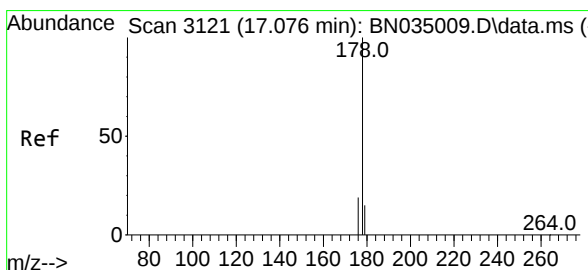
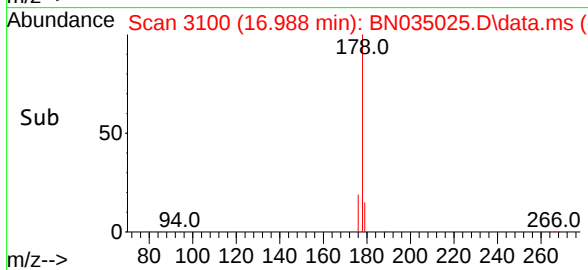
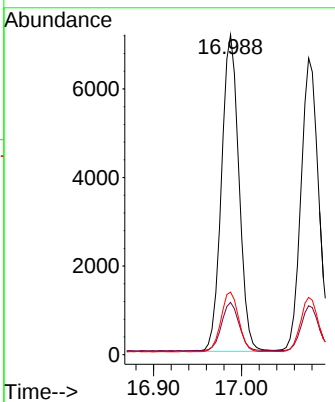
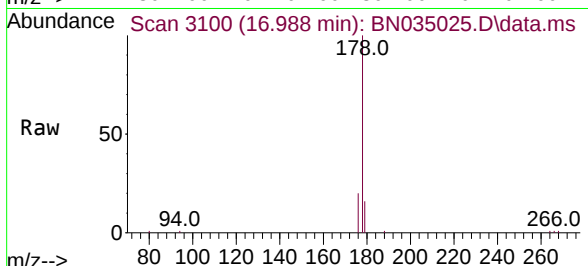




#15
 Phenanthrene
 Concen: 0.318 ng/ul
 RT: 16.988 min Scan# 3100
 Delta R.T. -0.008 min
 Lab File: BN035025.D
 Acq: 12 Nov 2024 03:14

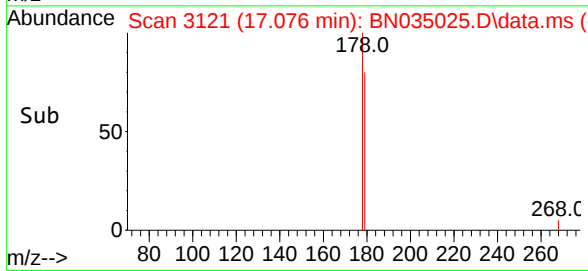
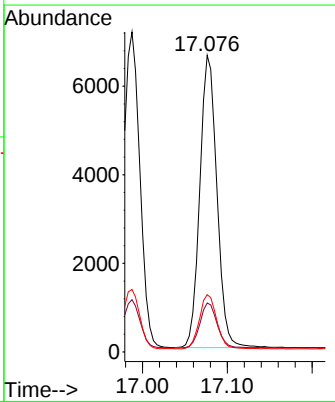
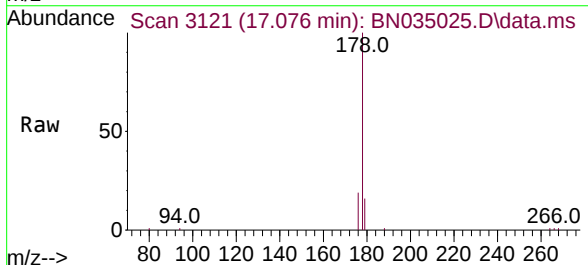
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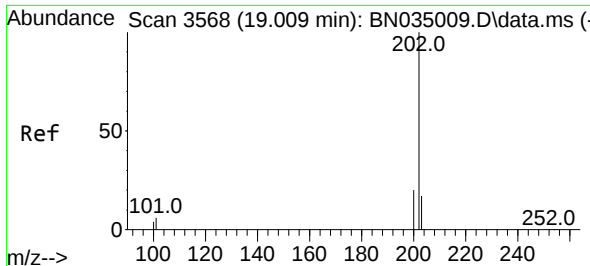
Tgt Ion:	178	Resp:	9853
Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.4	20.2
176	19.5	15.8	23.6



#16
 Anthracene
 Concen: 0.318 ng/ul
 RT: 17.076 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BN035025.D
 Acq: 12 Nov 2024 03:14

Tgt Ion:	178	Resp:	9249
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.3	19.9
176	19.3	15.8	23.8

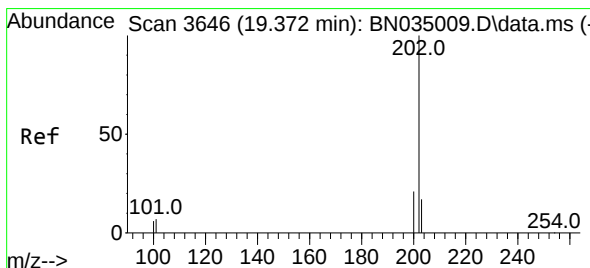
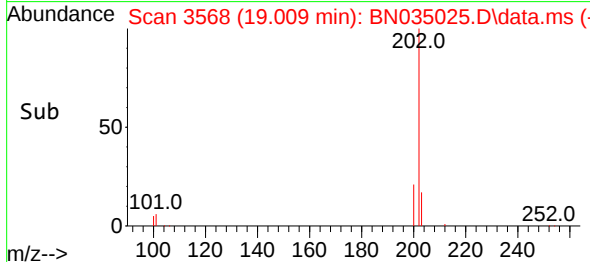
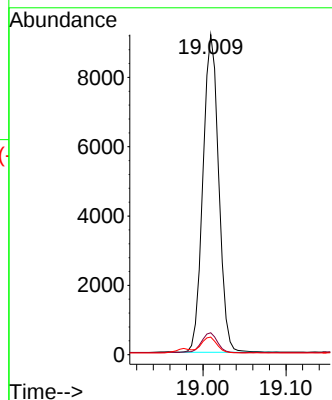
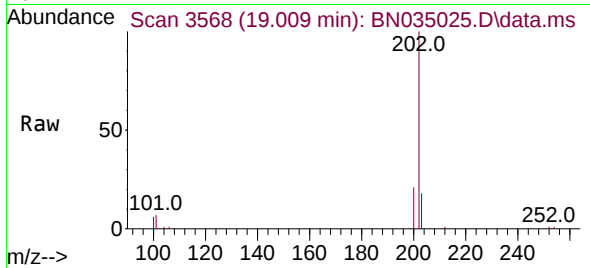




#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

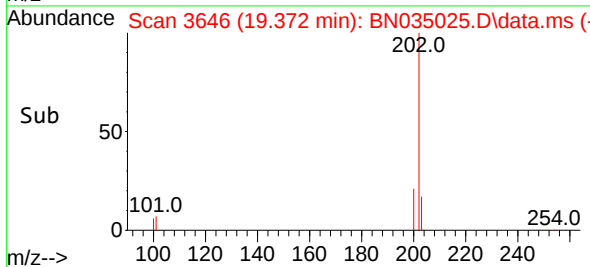
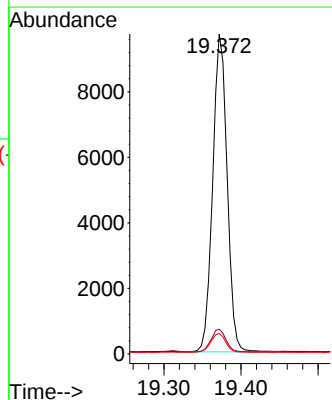
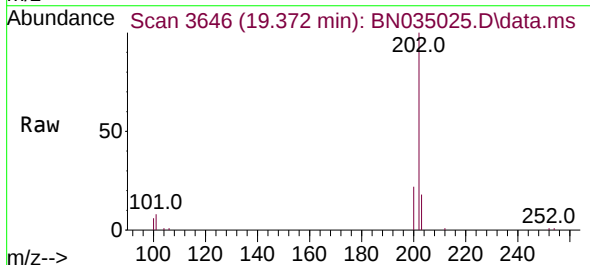
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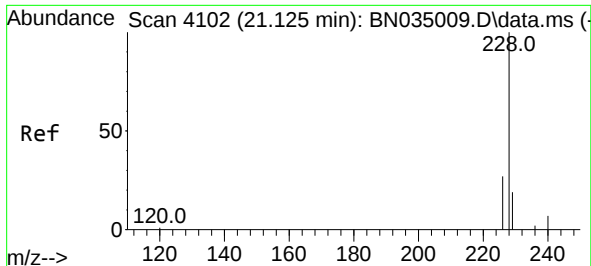
Tgt Ion:202 Resp: 12105
Ion Ratio Lower Upper
202 100
101 6.8 4.2 6.2#
100 5.5 3.2 4.8#



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:202 Resp: 12600
Ion Ratio Lower Upper
202 100
101 7.8 5.0 7.4#
100 6.4 4.1 6.1#

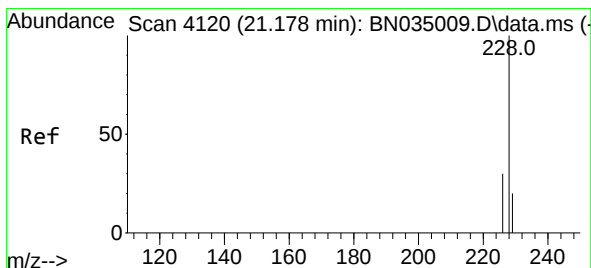
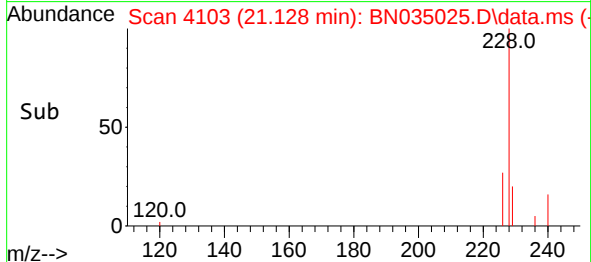
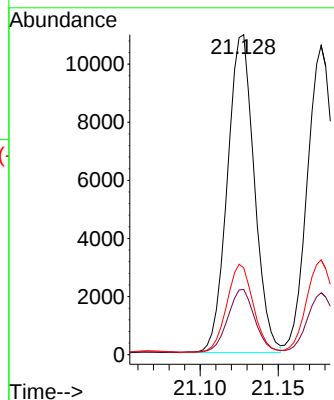
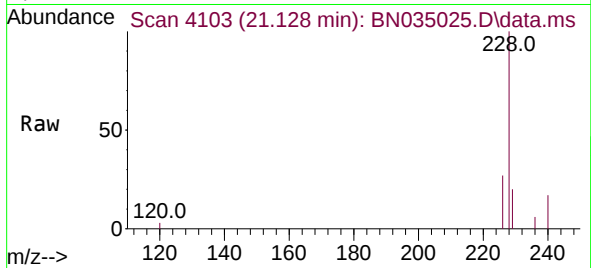




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.128 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

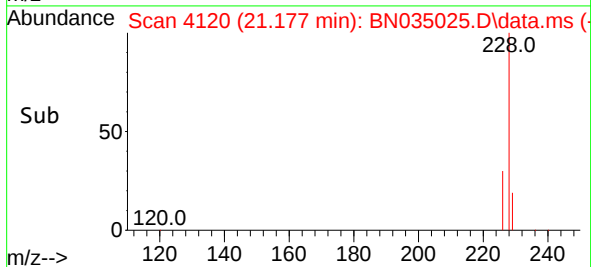
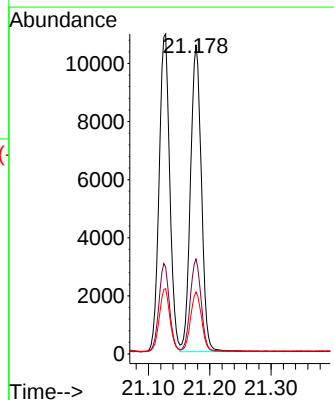
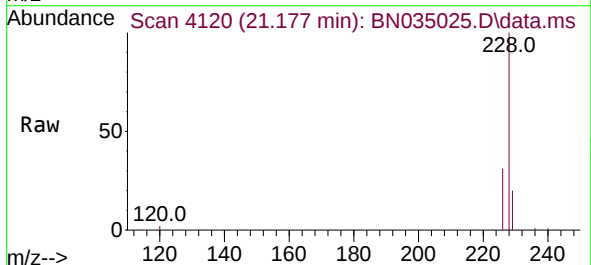
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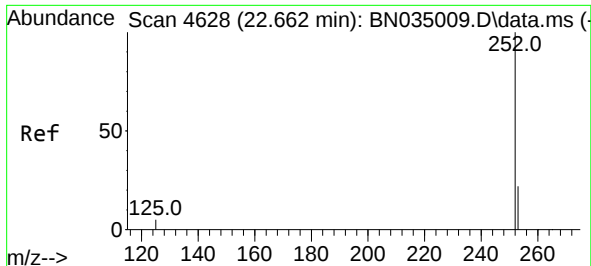
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Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:228 Resp: 13039
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.0 15.4 23.2

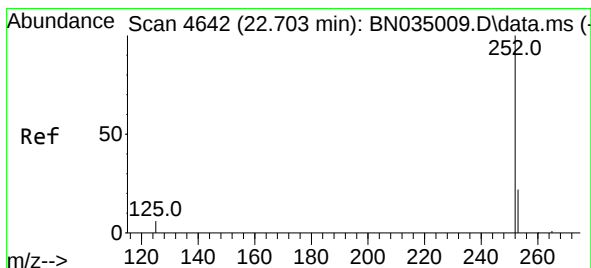
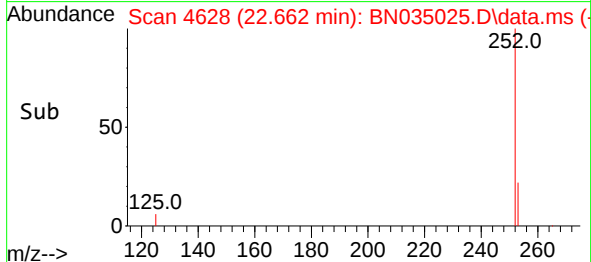
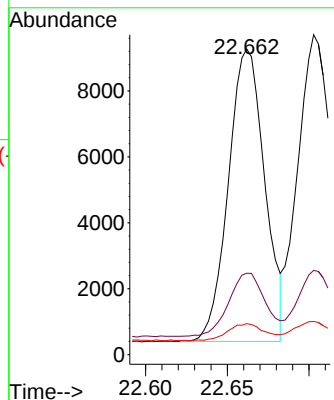
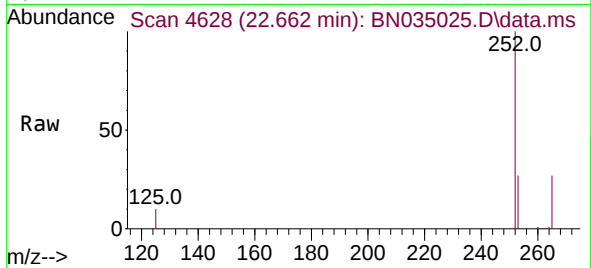




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

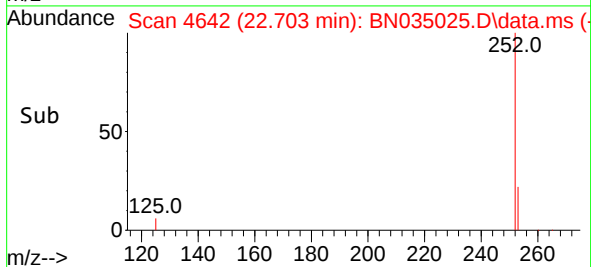
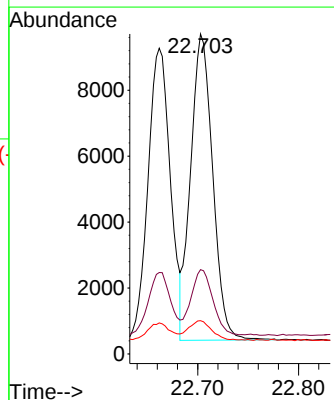
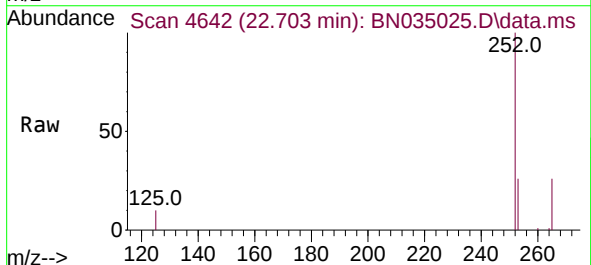
Instrument :
BNA_N
ClientSampleId :
SLCS722

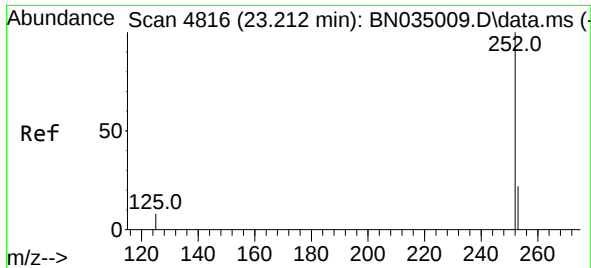
Tgt Ion:252 Resp: 13671
Ion Ratio Lower Upper
252 100
253 26.6 0.0 50.0
125 10.2 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:252 Resp: 14109
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.4
125 10.4 5.8 8.8#

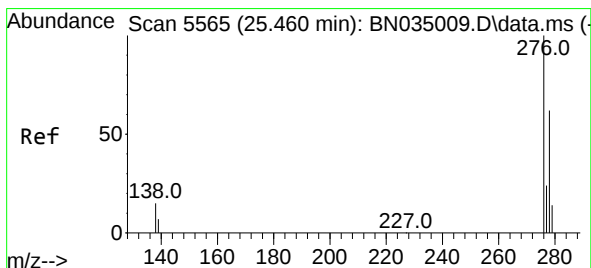
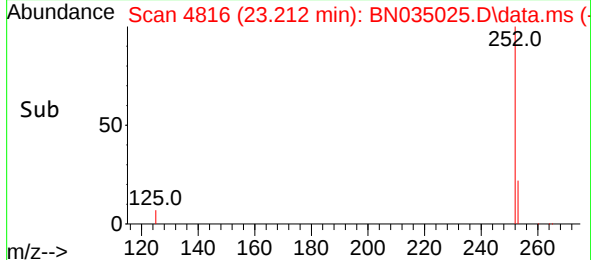
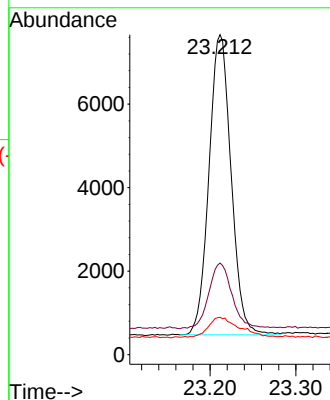
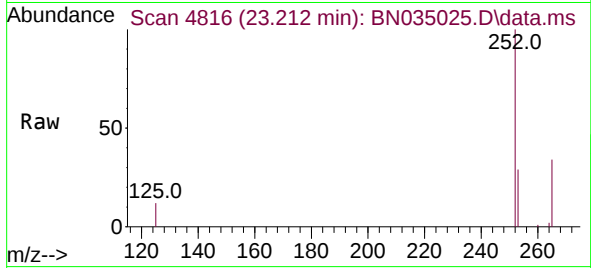




#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.212 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

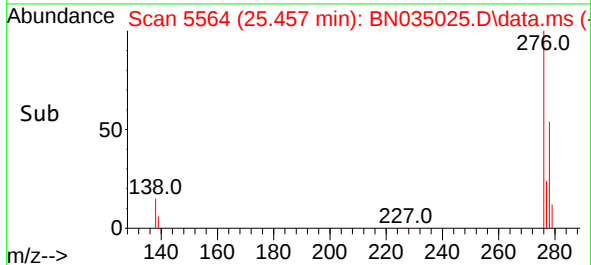
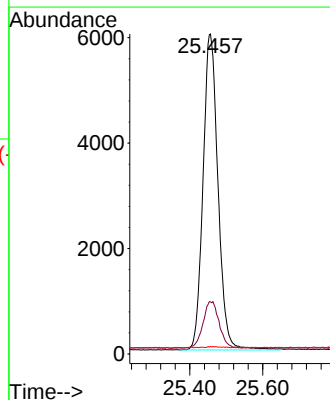
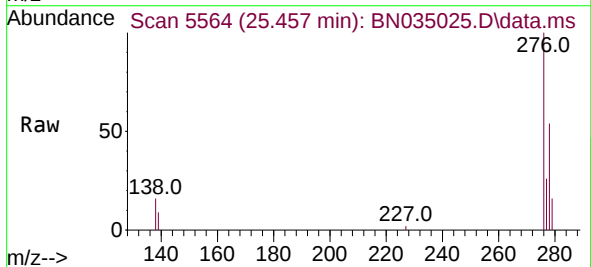
Instrument :
BNA_N
ClientSampleId :
SLCS722

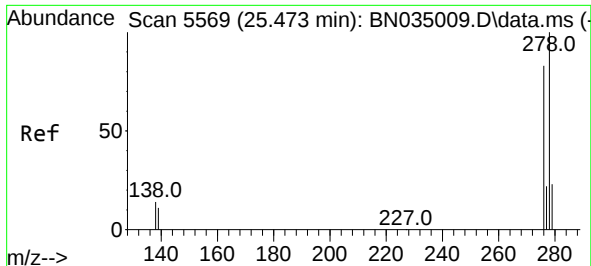
Tgt Ion:252 Resp: 12899
Ion Ratio Lower Upper
252 100
253 28.6 21.2 31.8
125 11.7 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

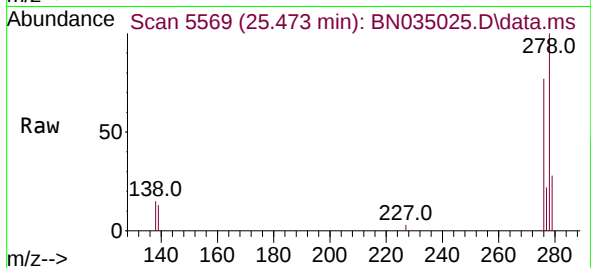
Tgt Ion:276 Resp: 17074
Ion Ratio Lower Upper
276 100
138 16.0 10.8 16.2
227 0.2 0.2 0.4#



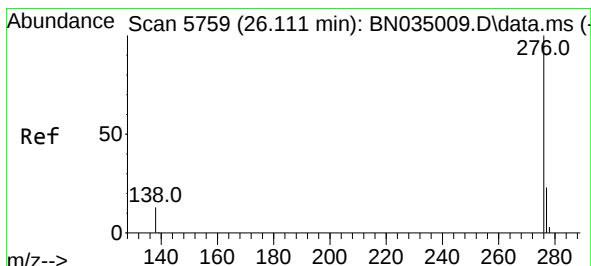
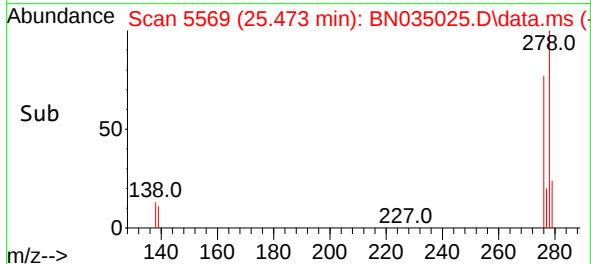
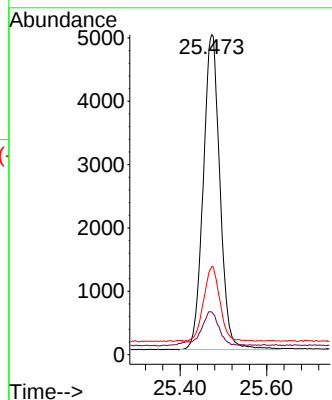


#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.473 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Instrument :
BNA_N
ClientSampleId :
SLCS722



Tgt Ion:278 Resp: 13328
Ion Ratio Lower Upper
278 100
139 13.3 8.4 12.6#
279 27.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 26.107 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BN035025.D
Acq: 12 Nov 2024 03:14

Tgt Ion:276 Resp: 13339
Ion Ratio Lower Upper
276 100
138 15.9 10.3 15.5#
277 25.4 20.2 30.2

