

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034914.D
 Acq On : 08 Nov 2024 21:16
 Operator : RC/JU
 Sample : SSTD0.232
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2217

Quant Time: Nov 08 23:56:01 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 : Fri Nov 08 23:54:11 2024
 Response via : Initial Calibration

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

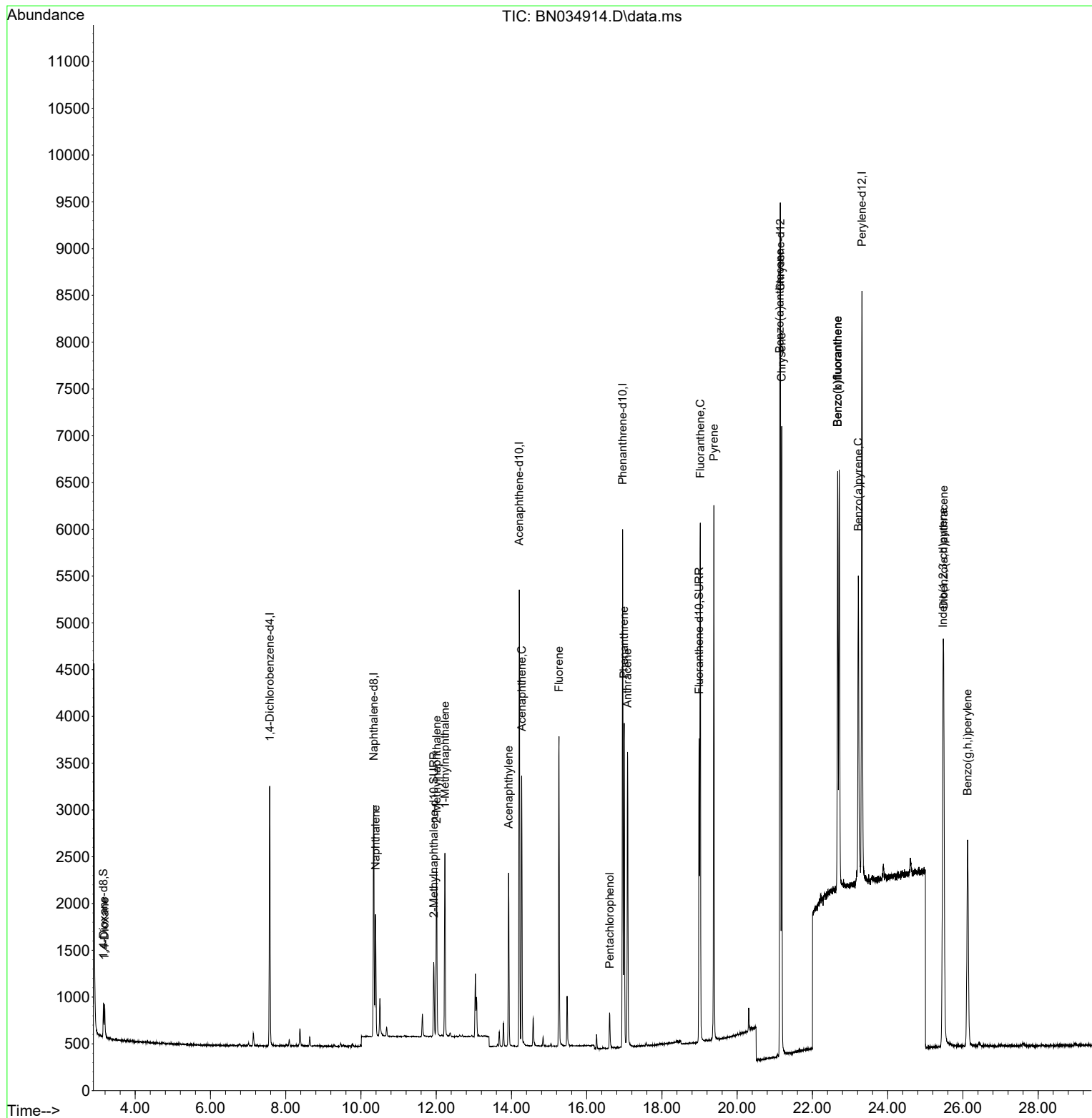
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	3401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	2563	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	6825	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	7245	0.400	ng/ul	0.00
23) Perylene-d12	23.317	264	7698	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	291	0.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	1042	0.244	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	3775	0.160	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	325	0.201	ng/ul#	91
5) Naphthalene	10.388	128	1715	0.190	ng/ul	95
7) 2-Methylnaphthalene	12.011	142	1265	0.216	ng/ul	100
8) 1-Methylnaphthalene	12.231	142	1282	0.215	ng/ul	98
10) Acenaphthylene	13.926	152	2128	0.182	ng/ul	97
11) Acenaphthene	14.273	153	1617	0.181	ng/ul	99
12) Fluorene	15.263	166	2049	0.206	ng/ul	99
14) Pentachlorophenol	16.608	266	264	0.196	ng/ul	95
15) Phenanthrene	16.996	178	3667	0.178	ng/ul	99
16) Anthracene	17.085	178	3430	0.180	ng/ul	99
19) Fluoranthene	19.019	202	4936	0.140	ng/ul#	98
20) Pyrene	19.381	202	5160	0.141	ng/ul	99
21) Benzo(a)anthracene	21.131	228	5339	0.184	ng/ul	99
22) Chrysene	21.183	228	5519	0.190	ng/ul	100
24) Benzo(b)fluoranthene	22.671	252	5420	0.173	ng/ul	94
25) Benzo(k)fluoranthene	22.671	252	5420	0.172	ng/ul	94
26) Benzo(a)pyrene	23.220	252	4891	0.181	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.470	276	5936	0.207	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.487	278	4561	0.210	ng/ul	94
29) Benzo(g,h,i)perylene	26.124	276	4555	0.202	ng/ul	97

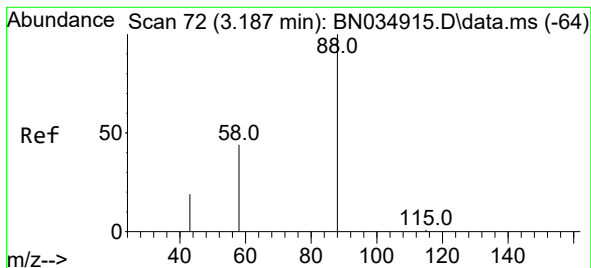
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.201 ng/ul

RT: 3.187 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN034914.D

Acq: 08 Nov 2024 21:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.2217

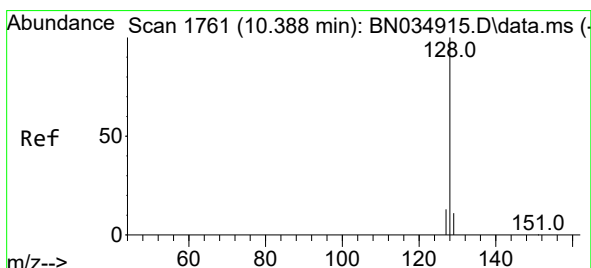
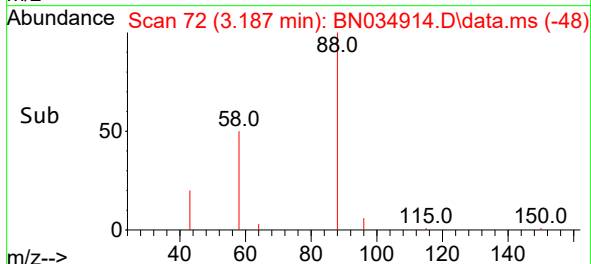
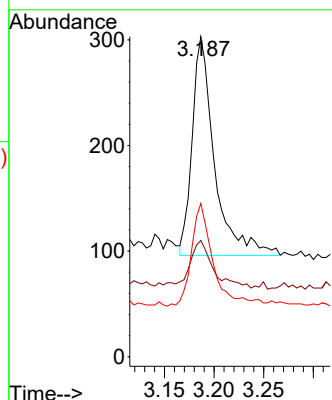
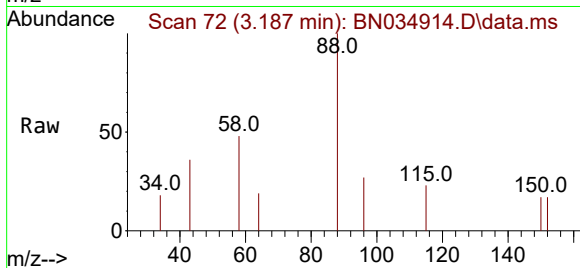
Tgt Ion: 88 Resp: 325

Ion Ratio Lower Upper

88 100

43 36.3 23.3 34.9#

58 47.9 35.4 53.2



#5

Naphthalene

Concen: 0.190 ng/ul

RT: 10.388 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BN034914.D

Acq: 08 Nov 2024 21:16

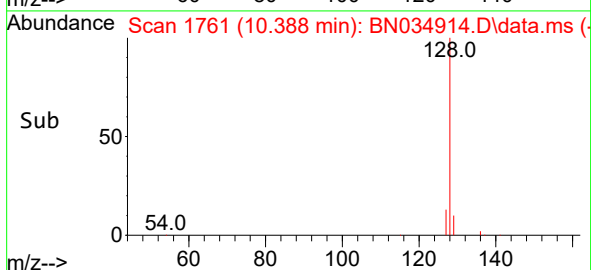
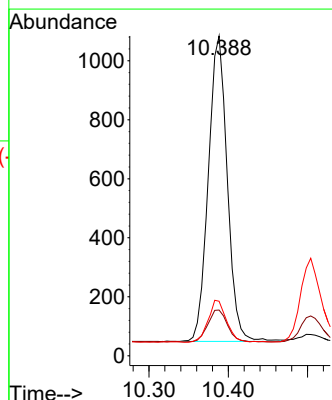
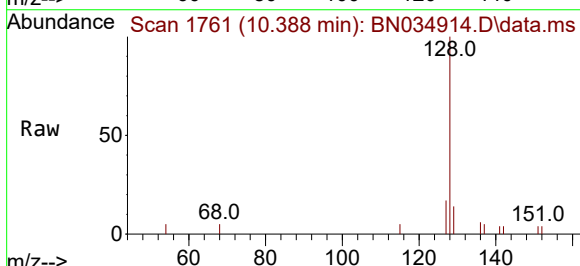
Tgt Ion: 128 Resp: 1715

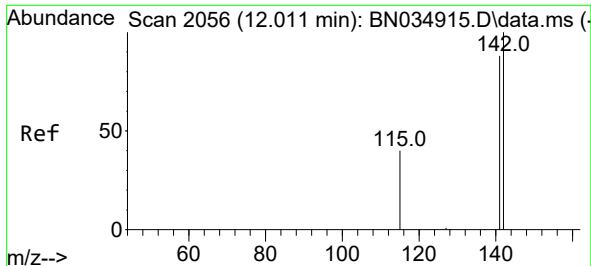
Ion Ratio Lower Upper

128 100

129 14.3 10.1 15.1

127 17.1 12.1 18.1

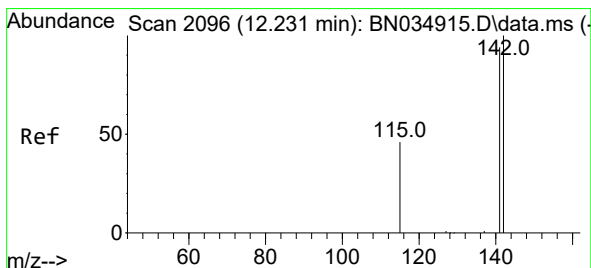
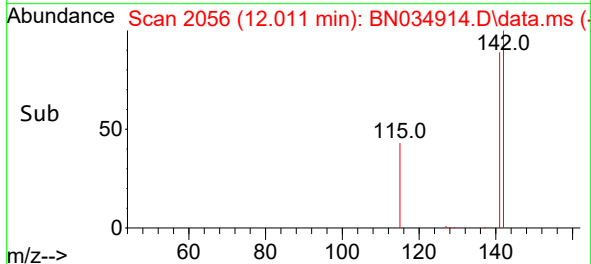
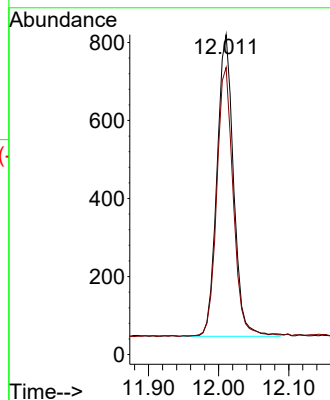
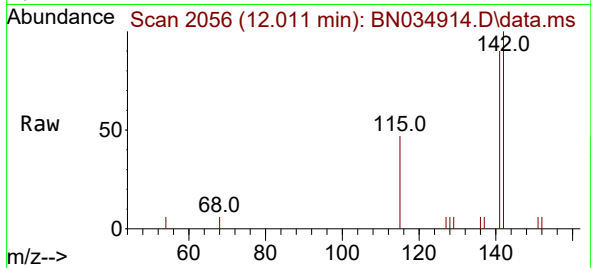




#7
2-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.011 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

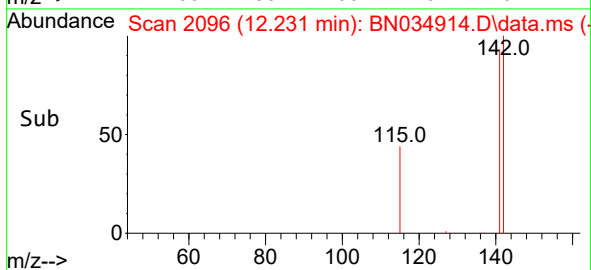
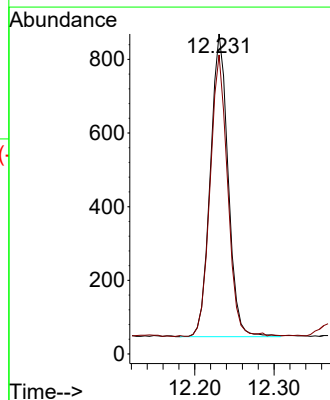
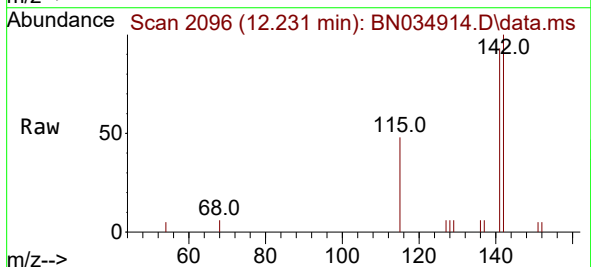
Instrument :
BNA_N
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SSTD0.2217

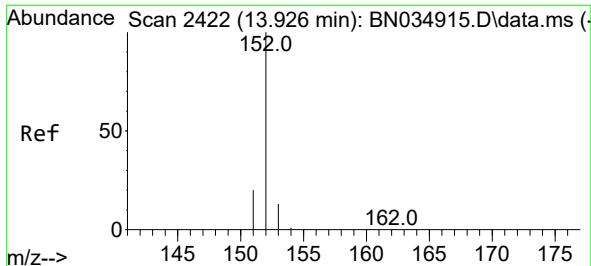
Tgt Ion:142 Resp: 1265
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:142 Resp: 1282
Ion Ratio Lower Upper
142 100
141 91.3 74.6 111.8

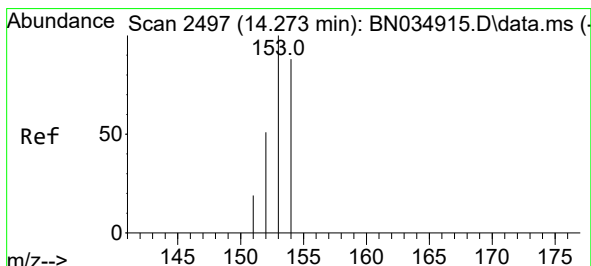
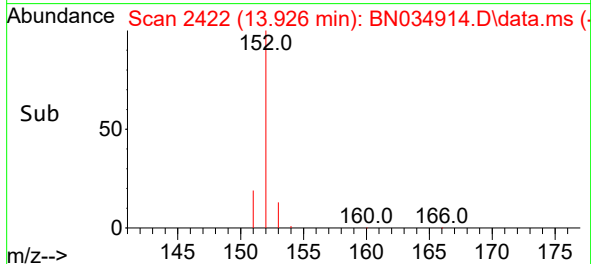
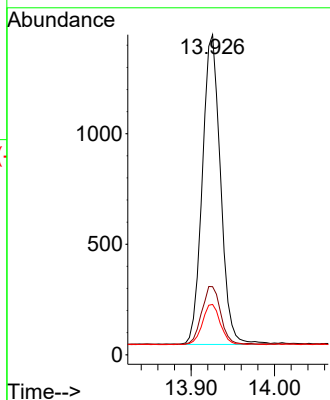
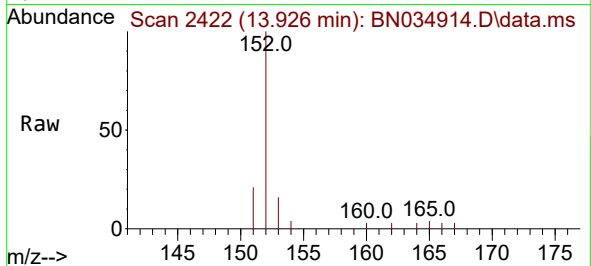




#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.926 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

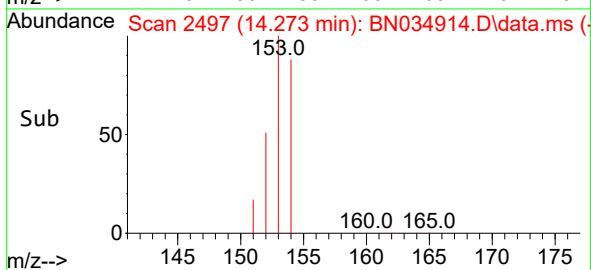
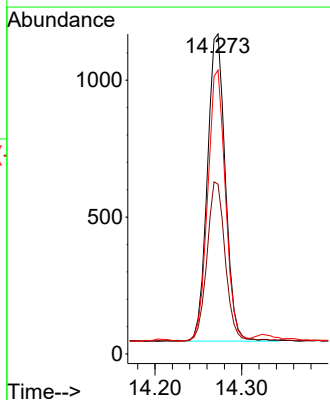
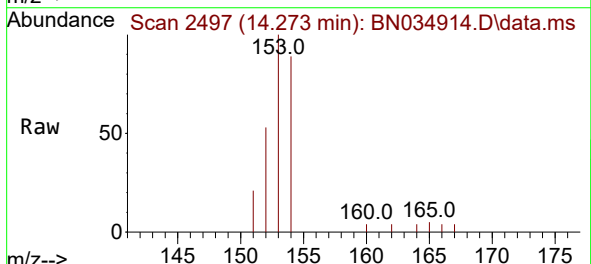
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

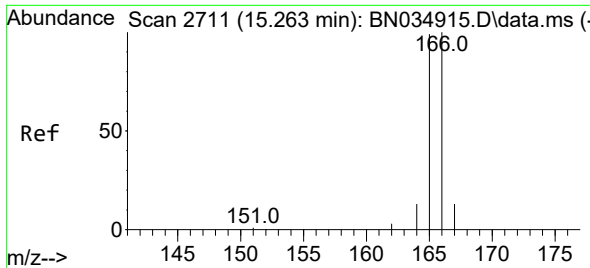
Tgt Ion:	152	Resp:	2128
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.6	24.8
153	15.7	11.0	16.6



#11
Acenaphthene
Concen: 0.181 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:	153	Resp:	1617
Ion Ratio	Lower	Upper	
153	100		
152	53.0	41.5	62.3
154	88.7	70.9	106.3

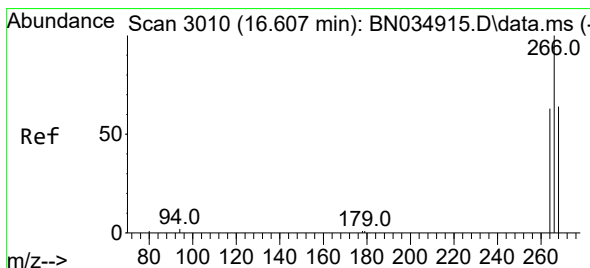
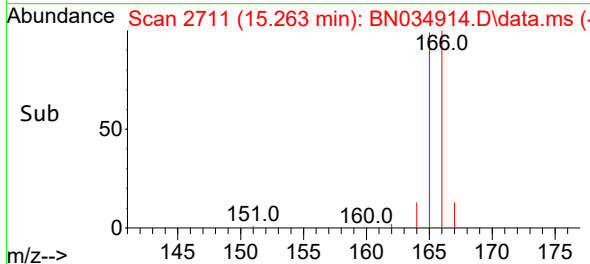
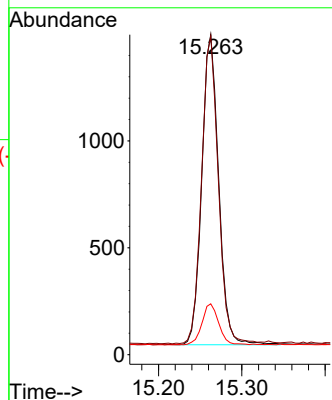
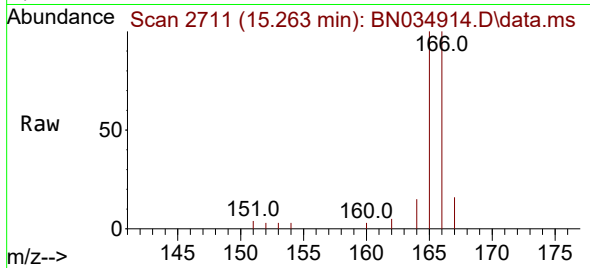




#12
Fluorene
Concen: 0.206 ng/ul
RT: 15.263 min Scan# 2711
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

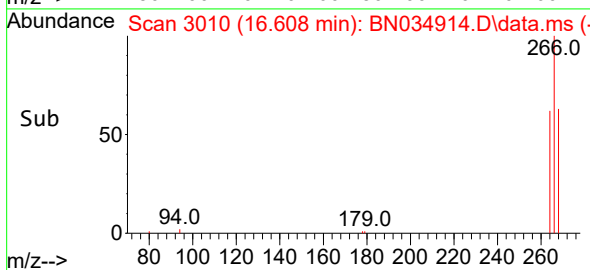
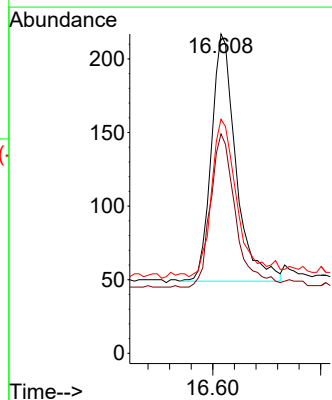
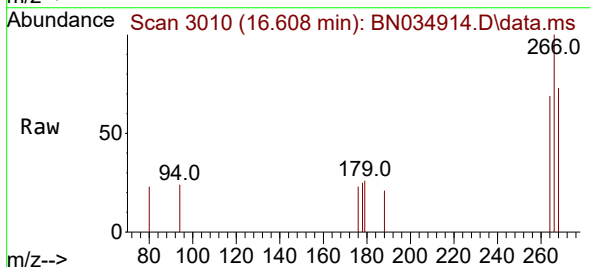
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

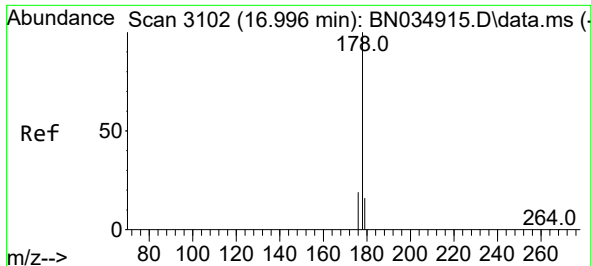
Tgt Ion:166 Resp: 2049
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.4
167 15.9 11.8 17.6



#14
Pentachlorophenol
Concen: 0.196 ng/ul
RT: 16.608 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:266 Resp: 264
Ion Ratio Lower Upper
266 100
264 63.3 50.2 75.2
268 67.8 48.4 72.6

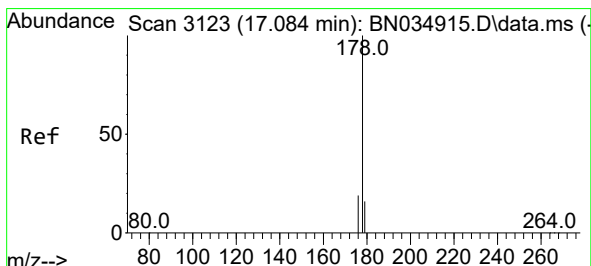
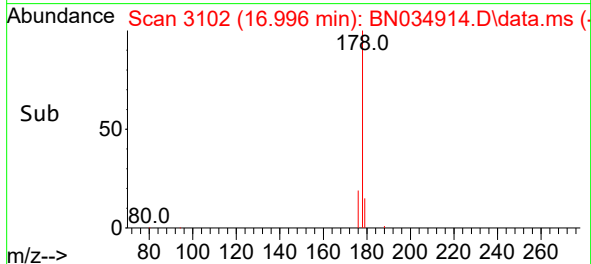
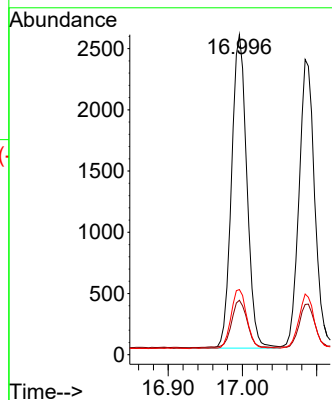
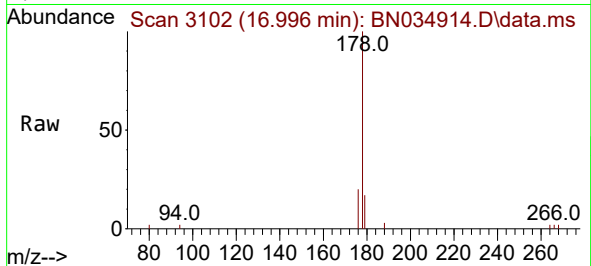




#15
Phenanthrene
Concen: 0.178 ng/ul
RT: 16.996 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

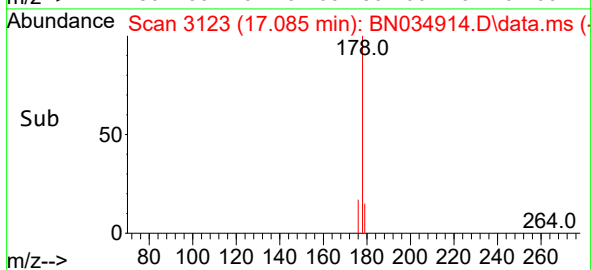
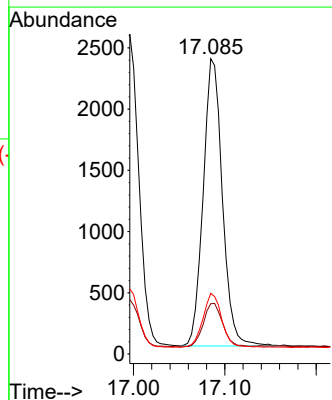
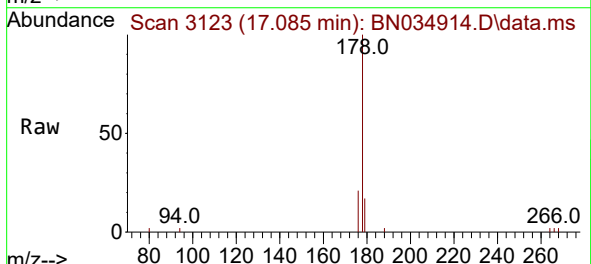
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ClientSampleId :
SSTD0.2217

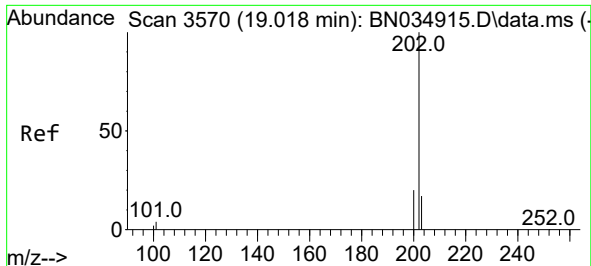
Tgt Ion:178 Resp: 3667
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.2
176 20.4 15.8 23.6



#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:178 Resp: 3430
Ion Ratio Lower Upper
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179 17.0 13.3 19.9
176 20.6 15.8 23.8

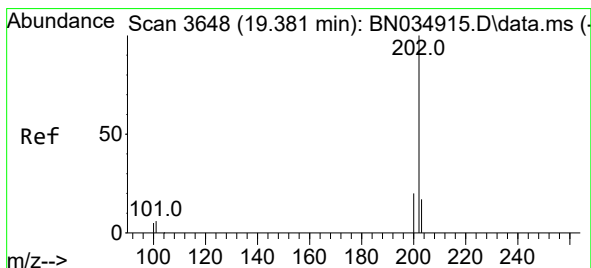
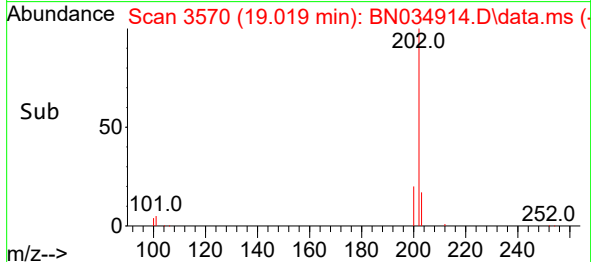
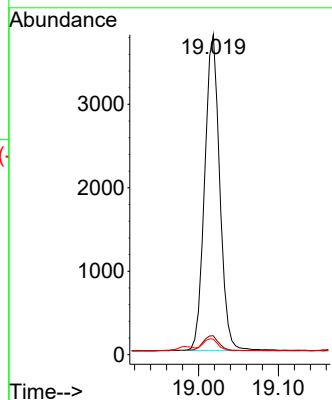
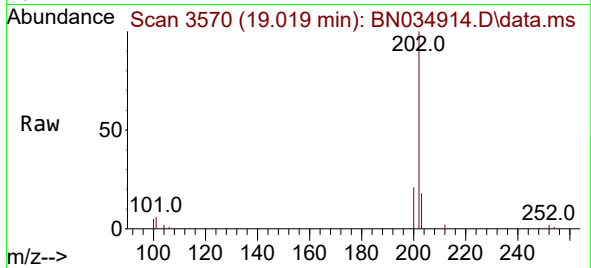




#19
Fluoranthene
Concen: 0.140 ng/ul
RT: 19.019 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

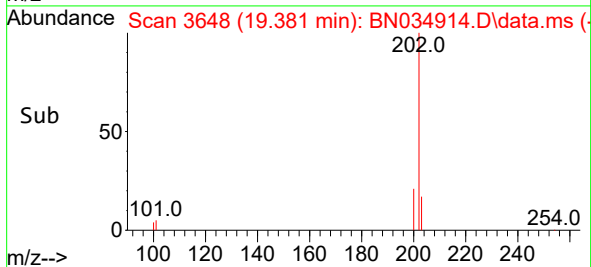
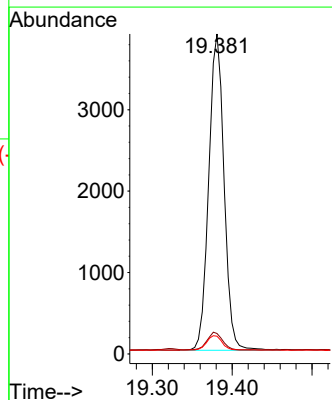
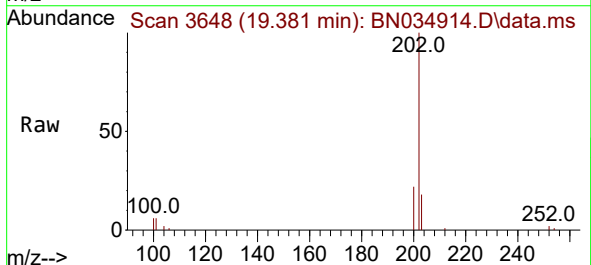
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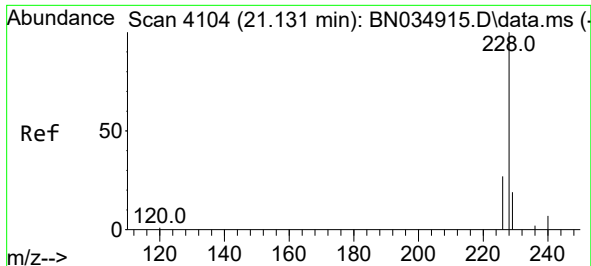
Tgt Ion:202 Resp: 4936
Ion Ratio Lower Upper
202 100
101 5.9 4.2 6.2
100 4.9 3.2 4.8#



#20
Pyrene
Concen: 0.141 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:202 Resp: 5160
Ion Ratio Lower Upper
202 100
101 6.4 5.0 7.4
100 5.5 4.1 6.1

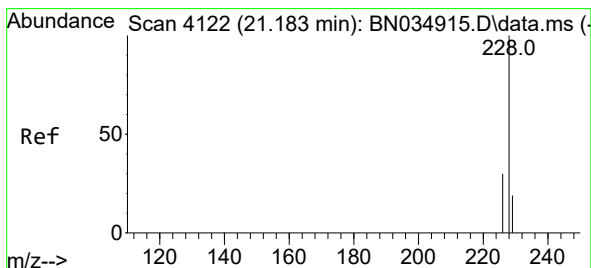
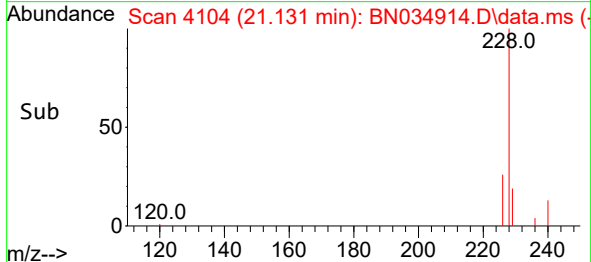
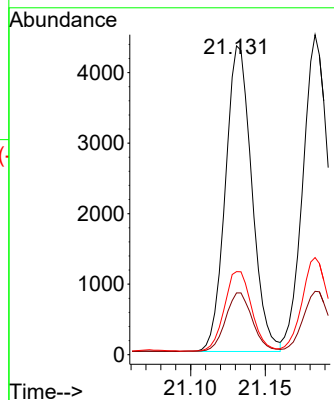
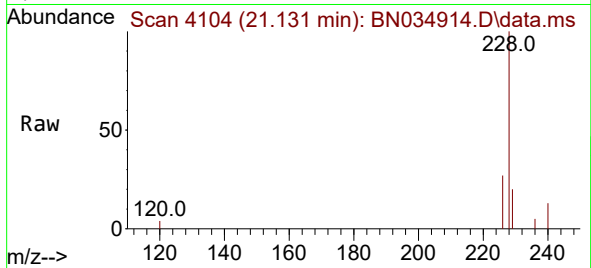




#21
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

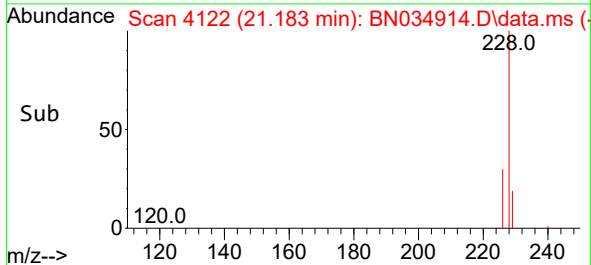
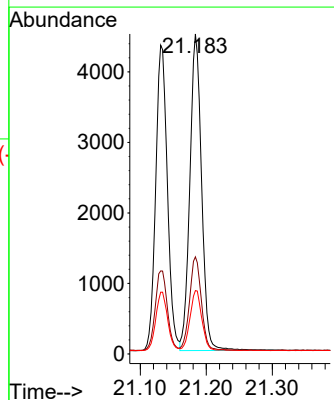
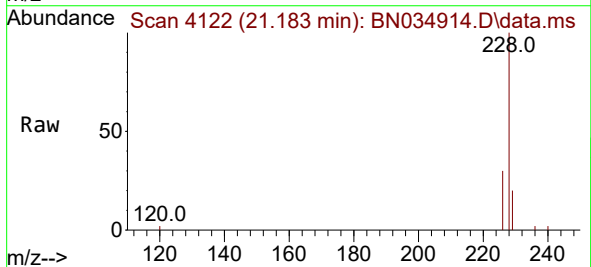
Instrument :
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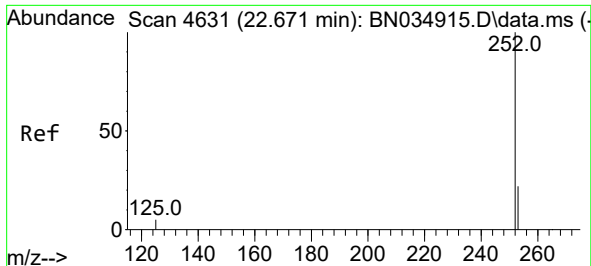
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Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 26.9 22.2 33.2



#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:228 Resp: 5519
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.8 15.4 23.2

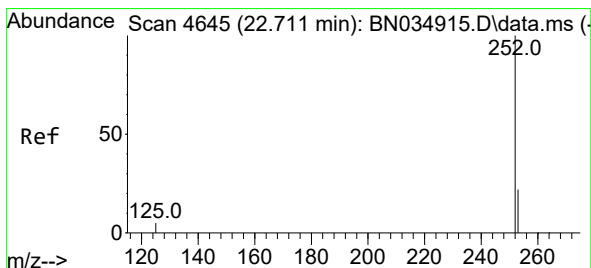
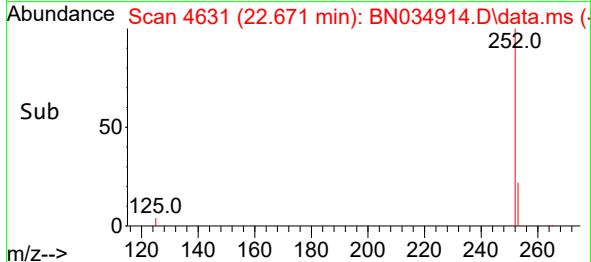
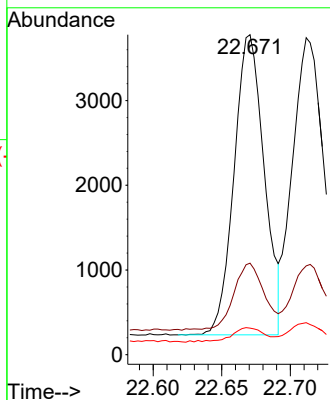
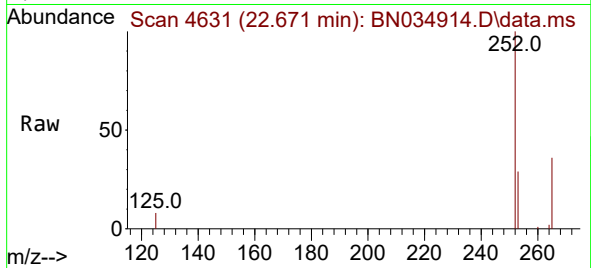




#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

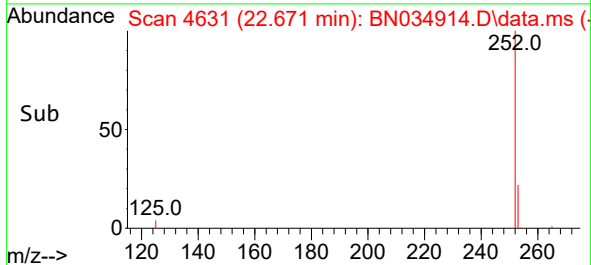
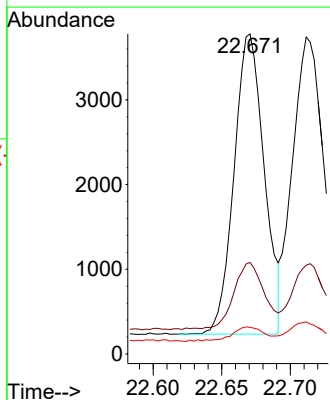
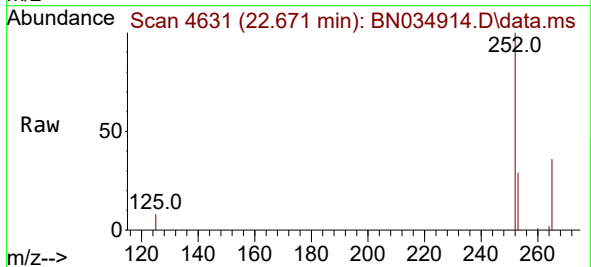
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

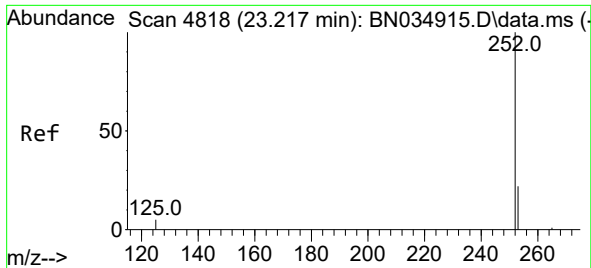
Tgt Ion:252 Resp: 5420
Ion Ratio Lower Upper
252 100
253 28.6 0.0 50.0
125 8.3 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. -0.041 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:252 Resp: 5420
Ion Ratio Lower Upper
252 100
253 28.6 20.2 30.4
125 8.3 5.8 8.8

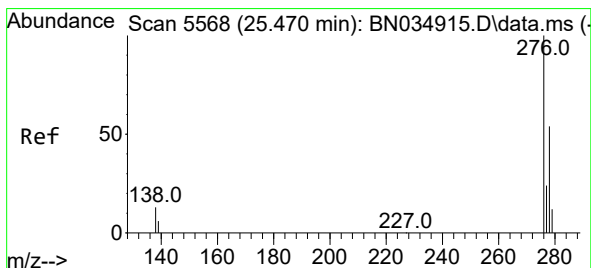
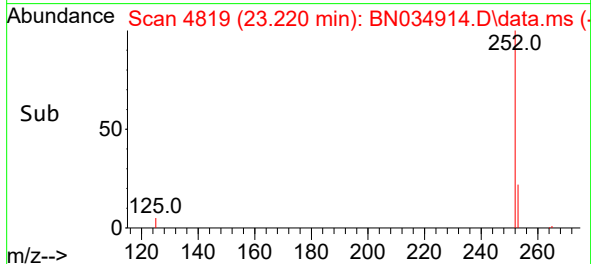
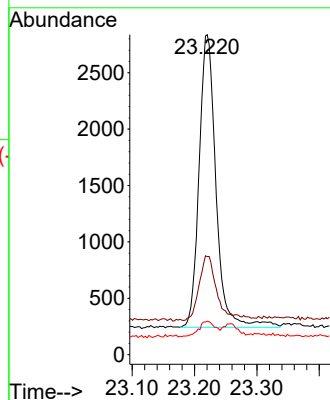
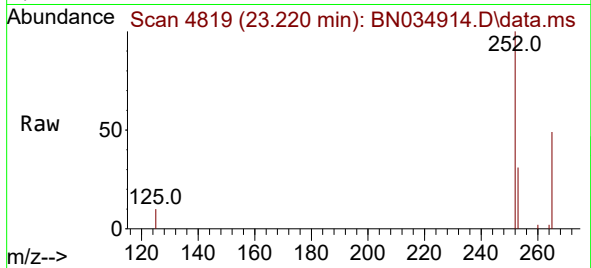




#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.220 min Scan# 4819
Delta R.T. 0.003 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

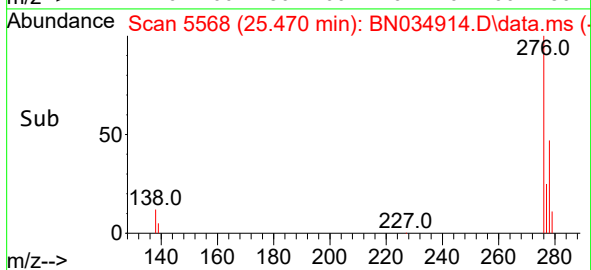
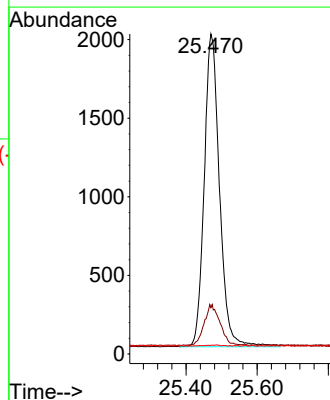
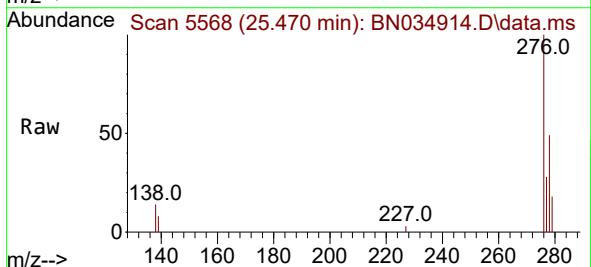
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

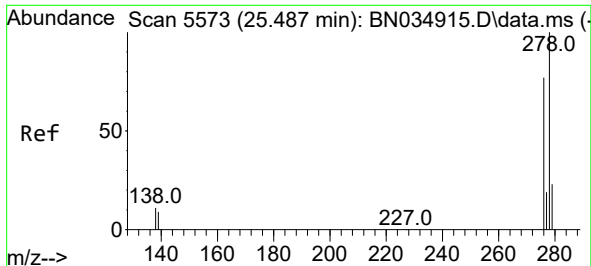
Tgt Ion:252 Resp: 4891
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 10.4 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng/ul
RT: 25.470 min Scan# 5568
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:276 Resp: 5936
Ion Ratio Lower Upper
276 100
138 13.4 10.8 16.2
227 0.1 0.2 0.4#

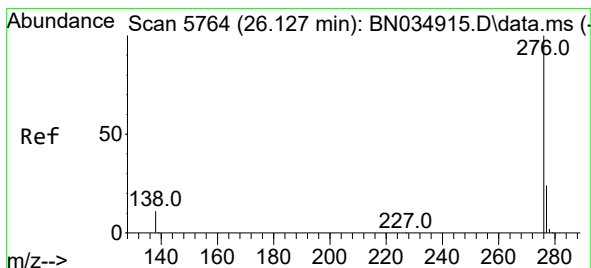
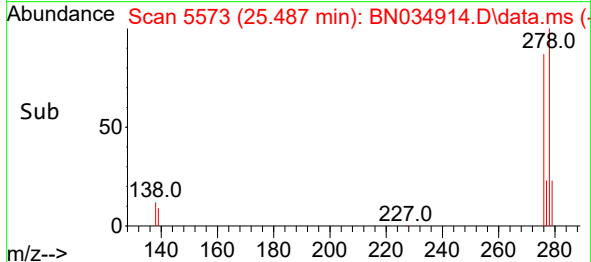
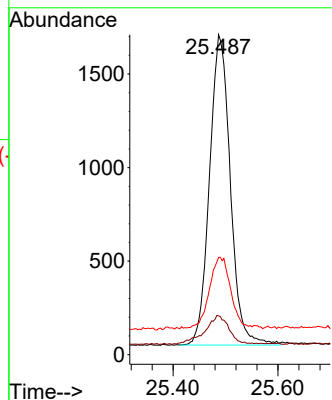
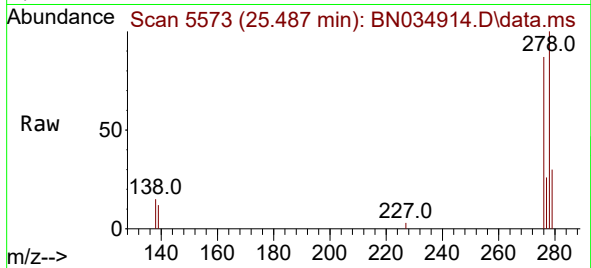




#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

Tgt Ion:	278	Resp:	4561
Ion Ratio	Lower	Upper	
278	100		
139	12.2	8.4	12.6
279	30.4	21.5	32.3



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.124 min Scan# 5763
Delta R.T. -0.003 min
Lab File: BN034914.D
Acq: 08 Nov 2024 21:16

Tgt Ion:	276	Resp:	4555
Ion Ratio	Lower	Upper	
276	100		
138	14.3	10.3	15.5
277	26.3	20.2	30.2

