

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035195.D
 Acq On : 20 Nov 2024 12:43
 Operator : RC/JU
 Sample : P4875-14MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A01MS

Quant Time: Nov 20 13:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

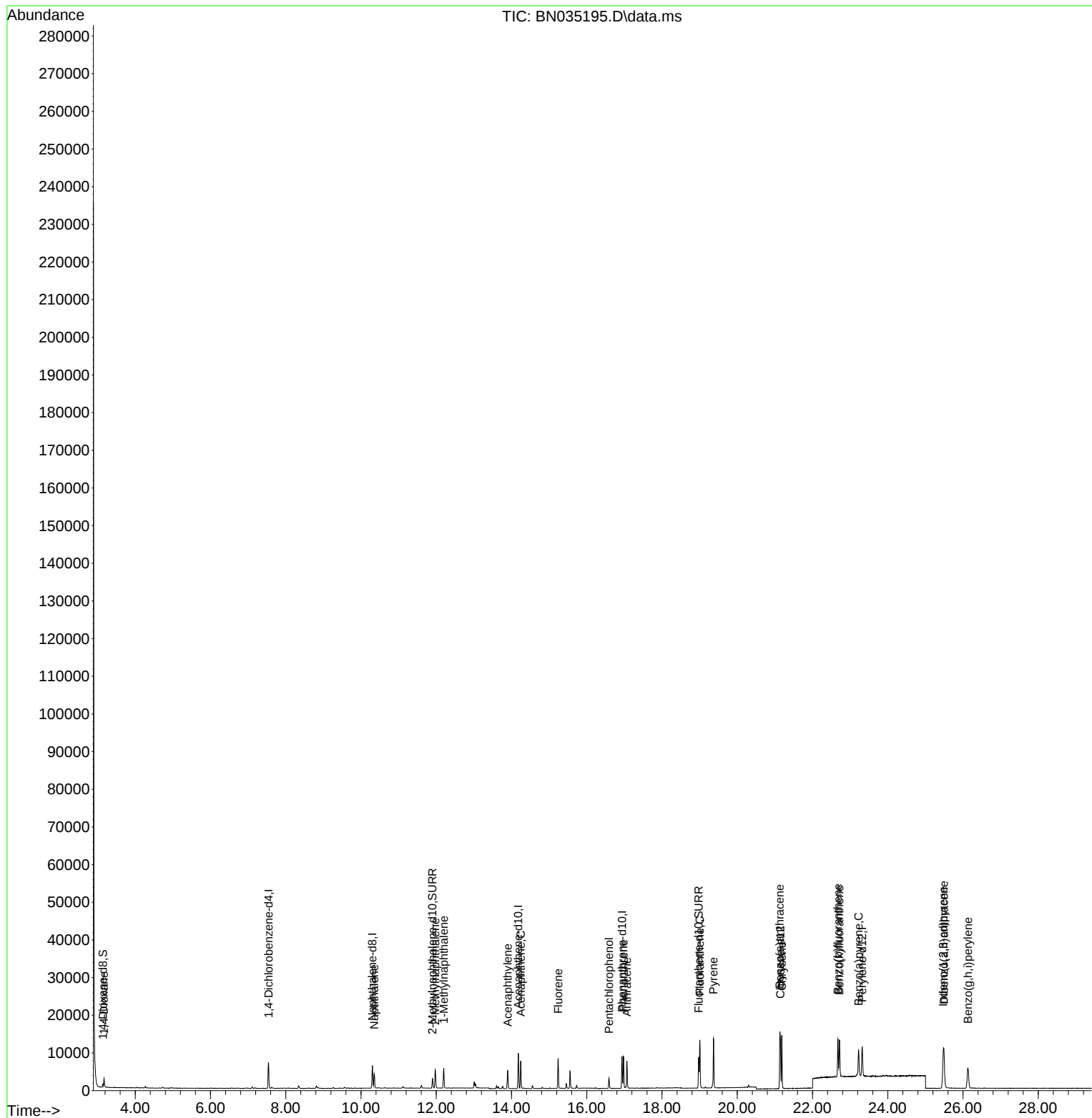
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3417	0.400	ng/ul	0.00
4) Naphthalene-d8	10.301	136	8109	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.180	164	5074	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	10364	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	9033	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	9886	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	638	0.204	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	3149	0.265	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	9464	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	1889	0.557	ng/ul	98
5) Naphthalene	10.350	128	5019	0.246	ng/ul	99
7) 2-Methylnaphthalene	11.972	142	3387	0.239	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	3467	0.242	ng/ul	99
10) Acenaphthylene	13.898	152	5225	0.260	ng/ul	99
11) Acenaphthene	14.245	153	3996	0.259	ng/ul	98
12) Fluorene	15.240	166	4904	0.271	ng/ul	100
14) Pentachlorophenol	16.591	266	1861	0.771	ng/ul	98
15) Phenanthrene	16.975	178	8634	0.315	ng/ul	99
16) Anthracene	17.068	178	7438	0.292	ng/ul	99
19) Fluoranthene	19.005	202	10939	0.348	ng/ul	99
20) Pyrene	19.367	202	11460	0.350	ng/ul	98
21) Benzo(a)anthracene	21.131	228	11088	0.354	ng/ul	99
22) Chrysene	21.183	228	11490	0.364	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	11763	0.360	ng/ul	100
25) Benzo(k)fluoranthene	22.715	252	12251	0.364	ng/ul	99
26) Benzo(a)pyrene	23.226	252	9890	0.331	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.473	276	14316	0.355	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.490	278	11252	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	26.131	276	11264	0.354	ng/ul	99

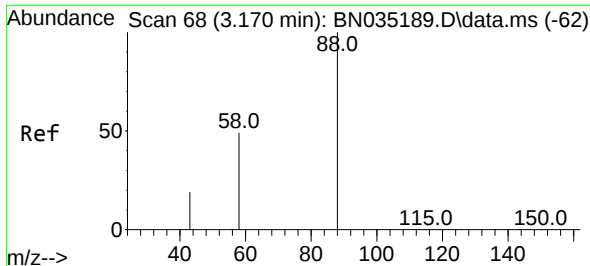
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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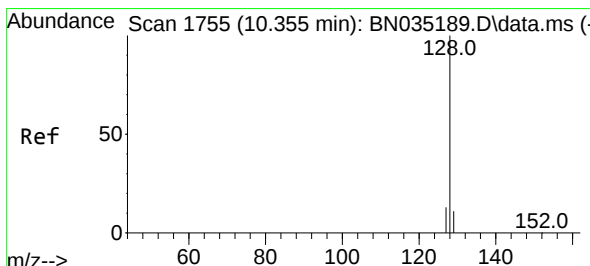
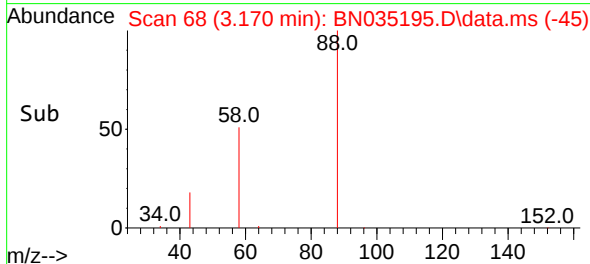
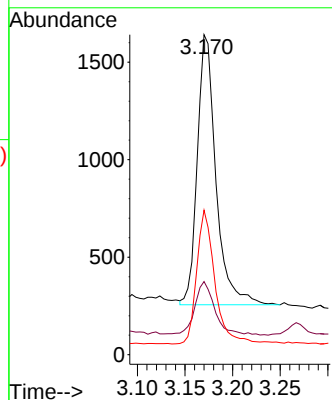
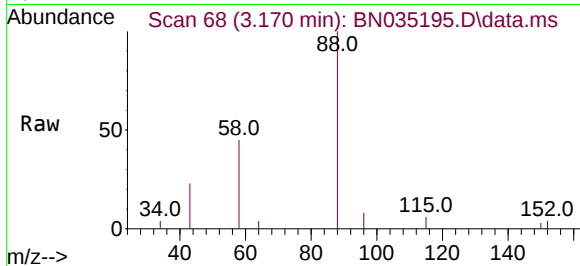




#2
 1,4-Dioxane
 Concen: 0.557 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035195.D
 Acq: 20 Nov 2024 12:43

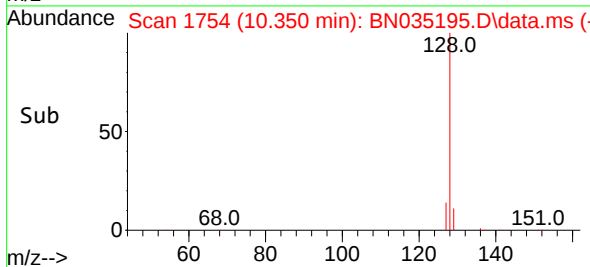
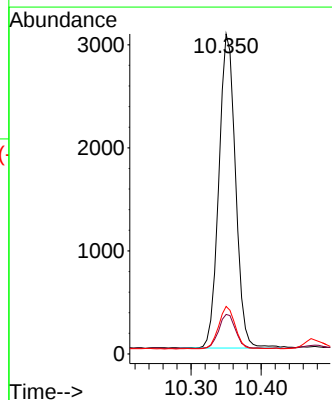
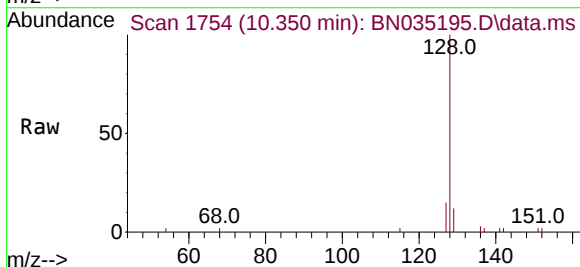
Instrument :
 BNA_N
 ClientSampleId :
 E2A01MS

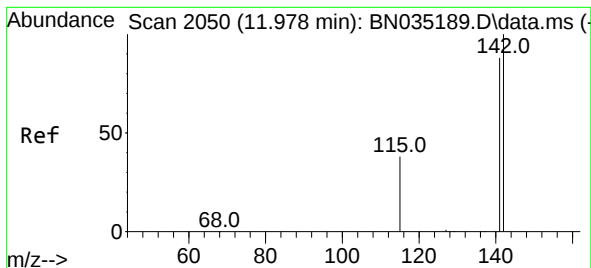
Tgt Ion: 88 Resp: 1889
 Ion Ratio Lower Upper
 88 100
 43 22.9 20.6 31.0
 58 45.2 36.2 54.4



#5
 Naphthalene
 Concen: 0.246 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035195.D
 Acq: 20 Nov 2024 12:43

Tgt Ion: 128 Resp: 5019
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.9 14.9
 127 14.8 11.4 17.2

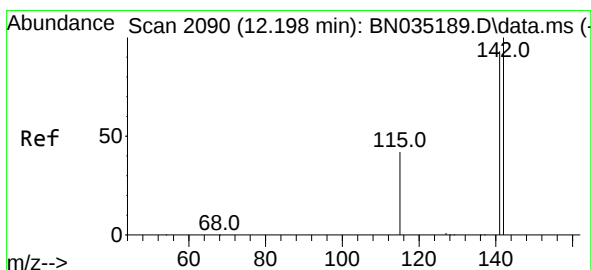
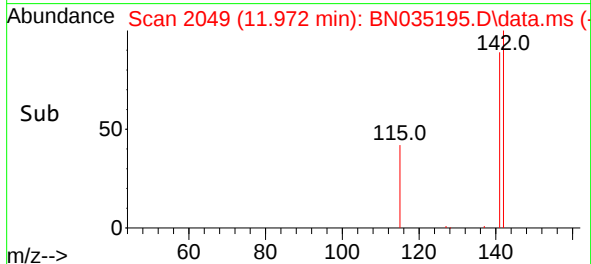
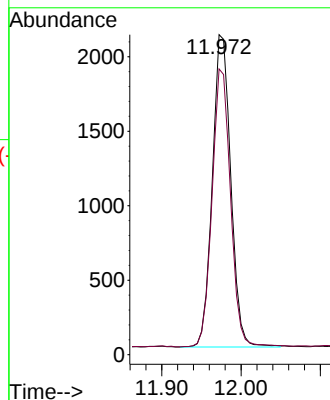
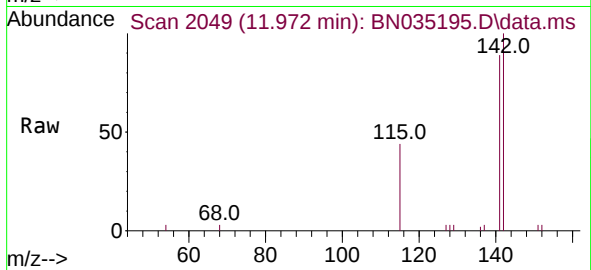




#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. -0.011 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

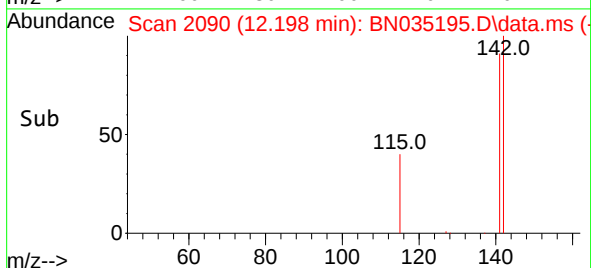
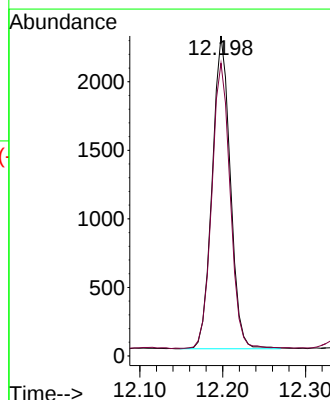
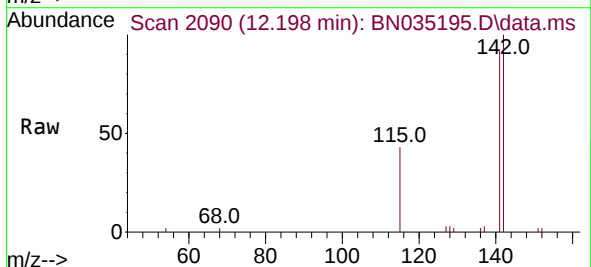
Instrument :
BNA_N
ClientSampleId :
E2A01MS

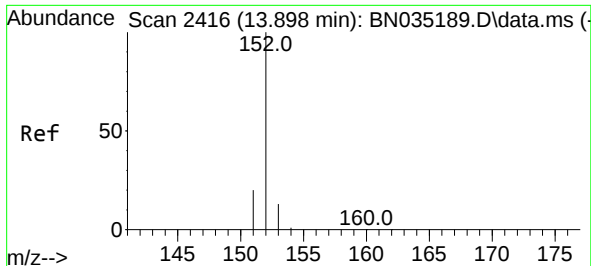
Tgt Ion:142 Resp: 3387
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.242 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:142 Resp: 3467
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7

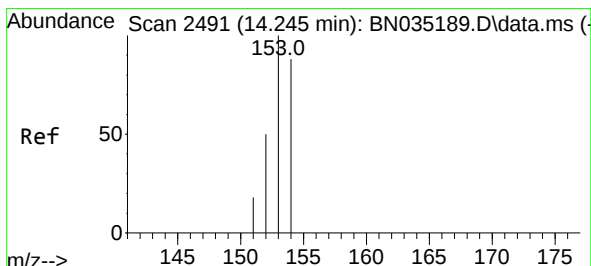
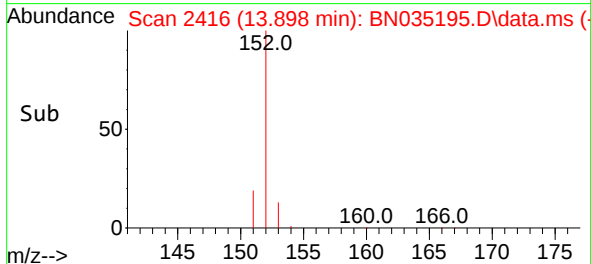
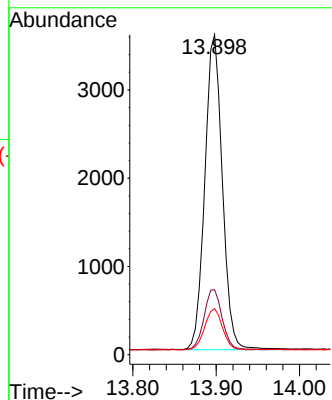
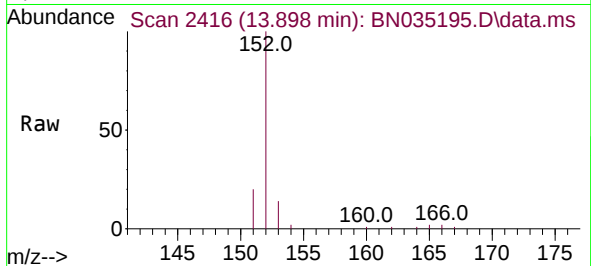




#10
Acenaphthylene
Concen: 0.260 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

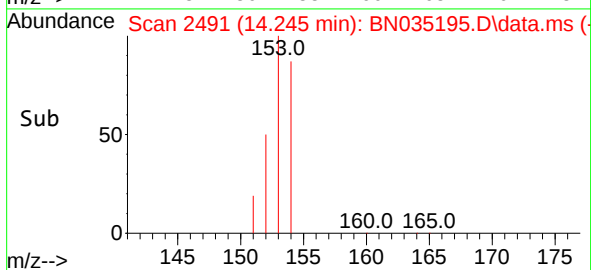
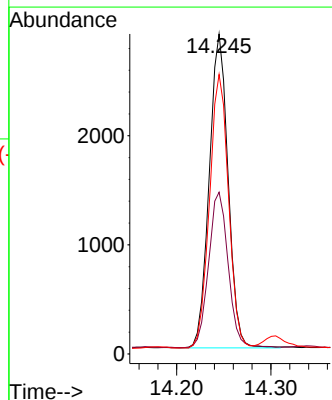
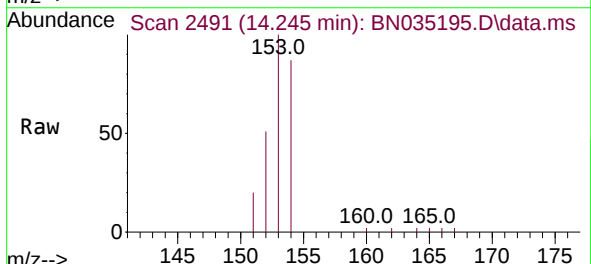
Instrument :
BNA_N
ClientSampleId :
E2A01MS

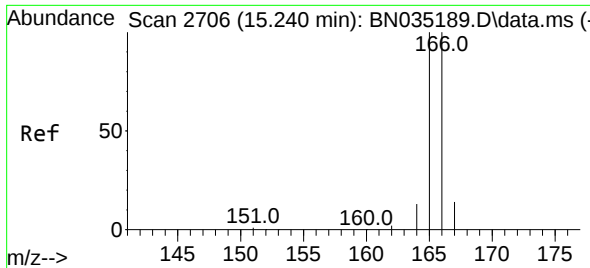
Tgt Ion:152 Resp: 5225
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:153 Resp: 3996
Ion Ratio Lower Upper
153 100
152 50.6 41.4 62.0
154 87.4 71.2 106.8

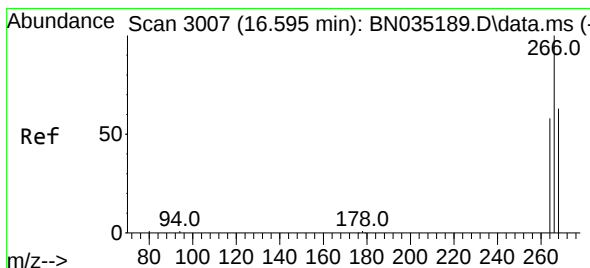
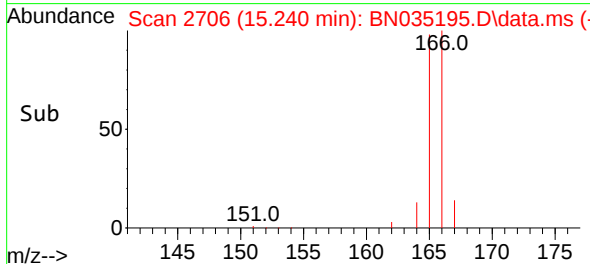
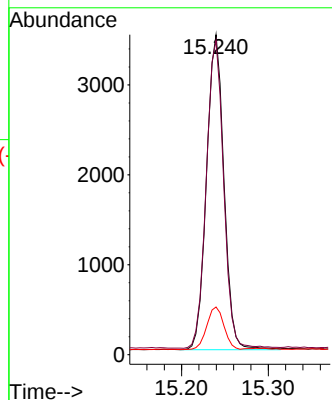
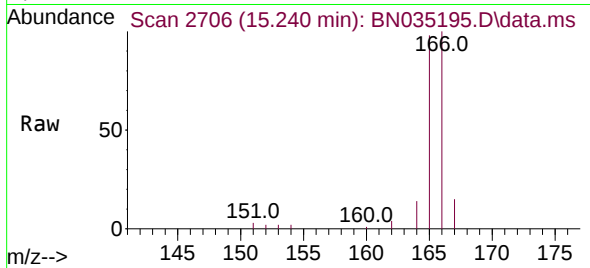




#12
 Fluorene
 Concen: 0.271 ng/ul
 RT: 15.240 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN035195.D
 Acq: 20 Nov 2024 12:43

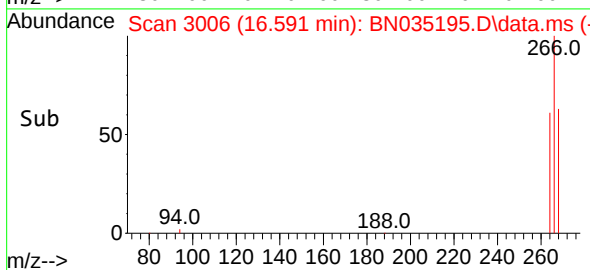
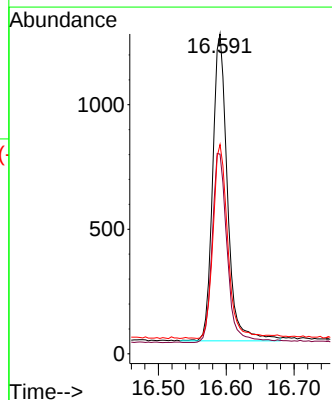
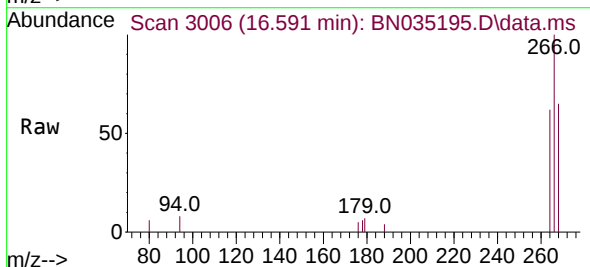
Instrument :
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 ClientSampleId :
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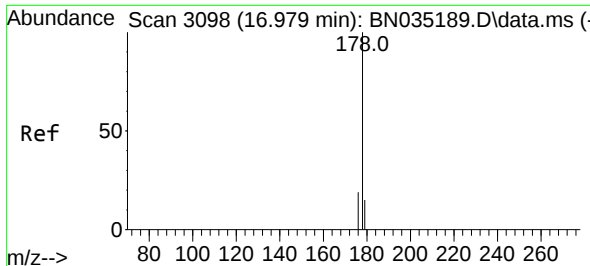
Tgt Ion:	166	Resp:	4904
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	14.9	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.771 ng/ul
 RT: 16.591 min Scan# 3006
 Delta R.T. -0.008 min
 Lab File: BN035195.D
 Acq: 20 Nov 2024 12:43

Tgt Ion:	266	Resp:	1861
Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.8	77.6
268	63.6	51.3	76.9

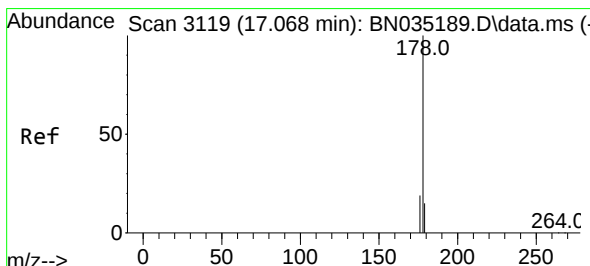
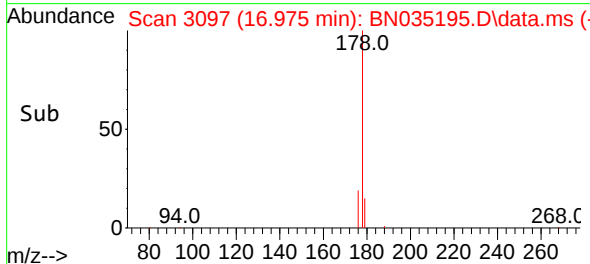
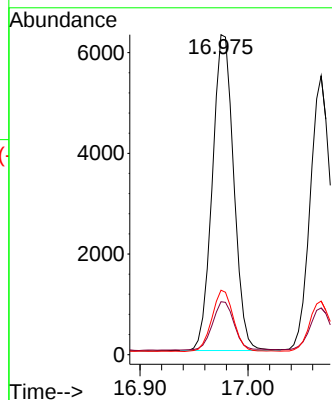
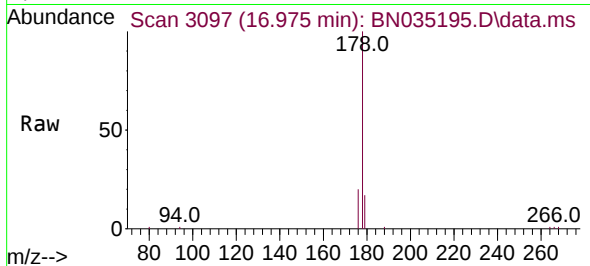




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.008 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

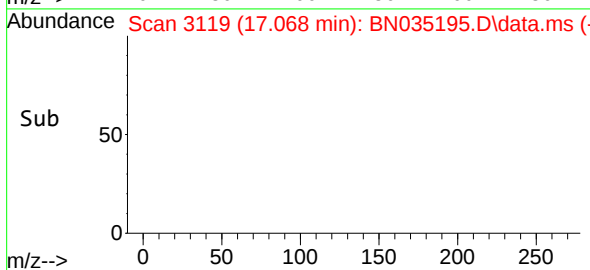
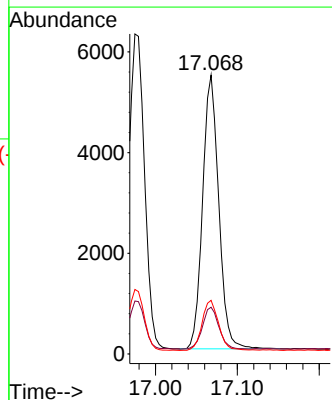
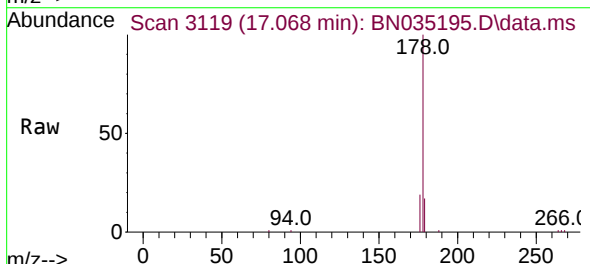
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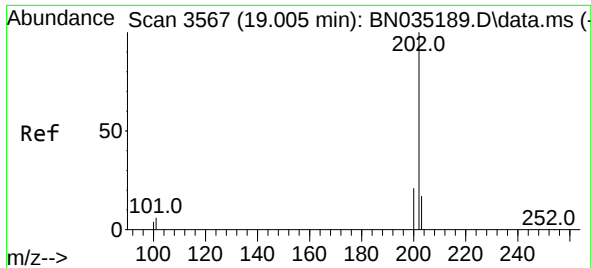
Tgt Ion:178 Resp: 8634
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:178 Resp: 7438
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.2 15.4 23.2

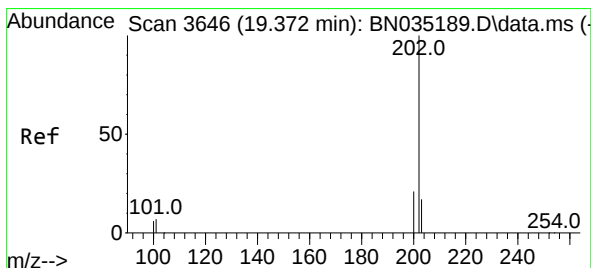
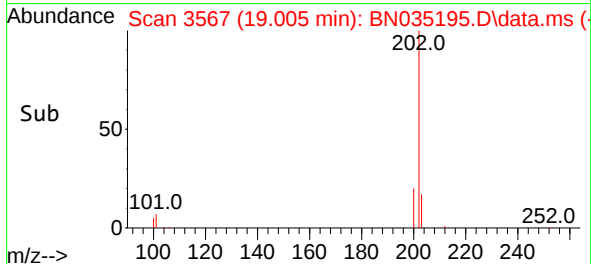
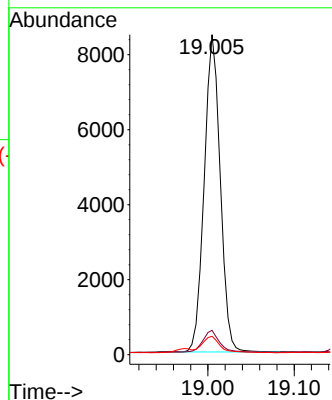
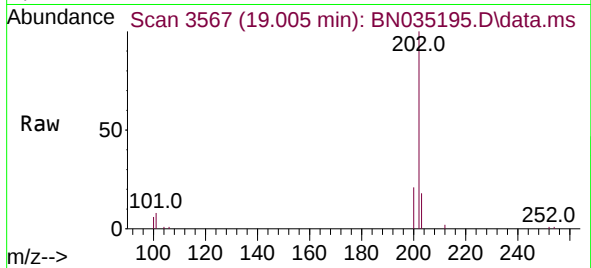




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

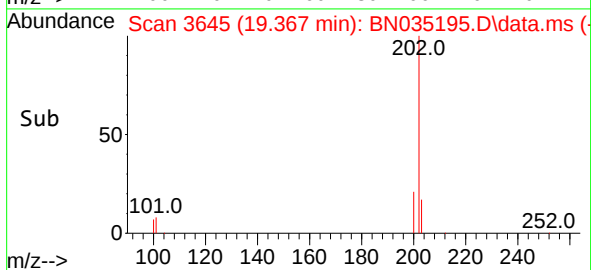
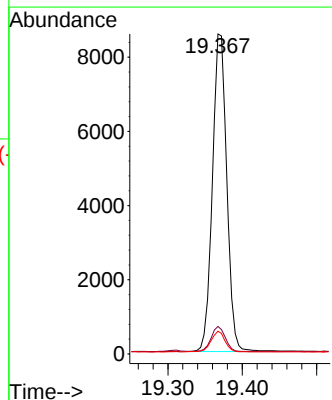
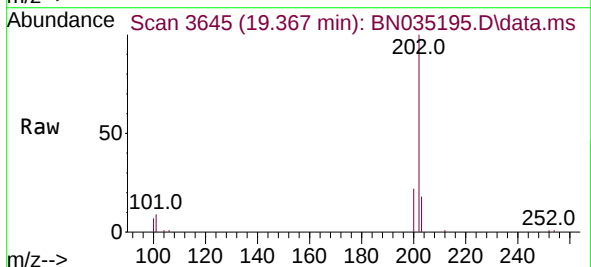
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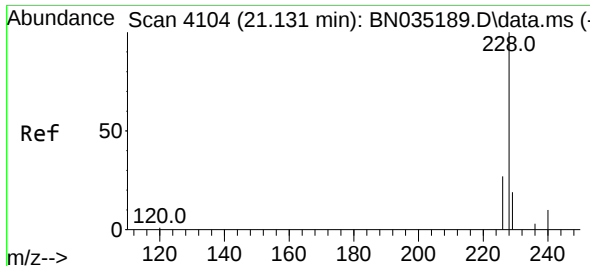
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.8	8.6
100	5.7	4.5	6.7



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.2	9.4
100	7.1	5.1	7.7

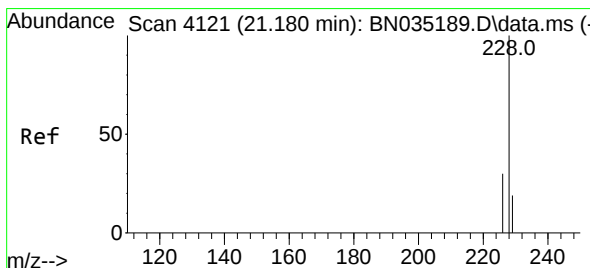
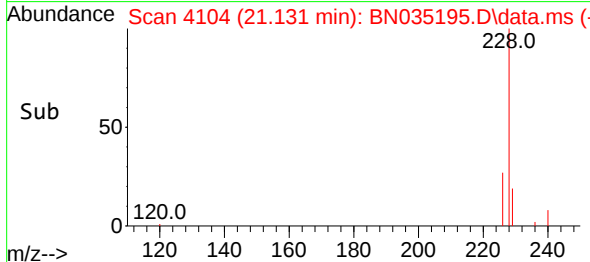
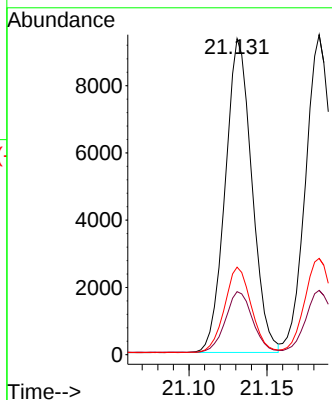
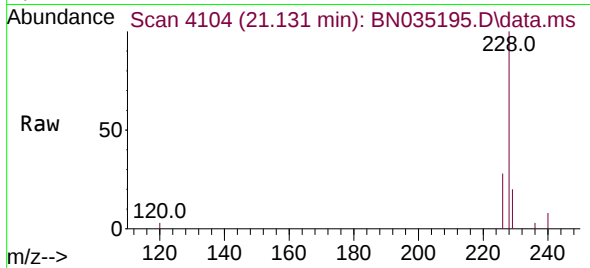




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.009 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

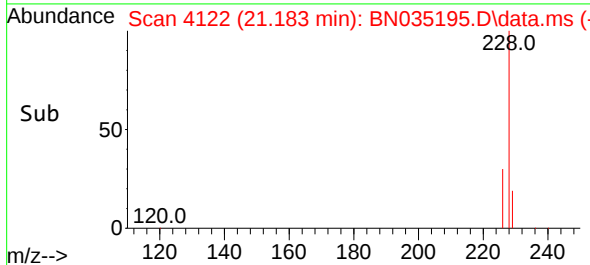
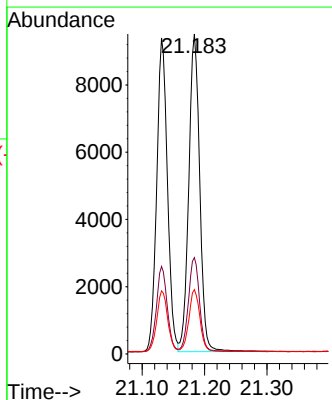
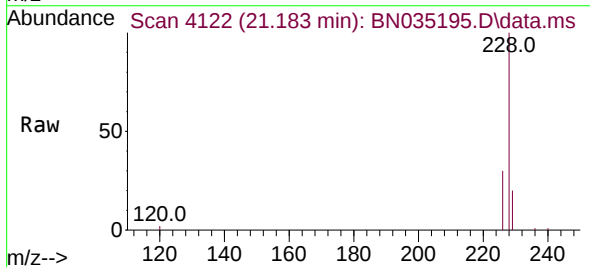
Instrument :
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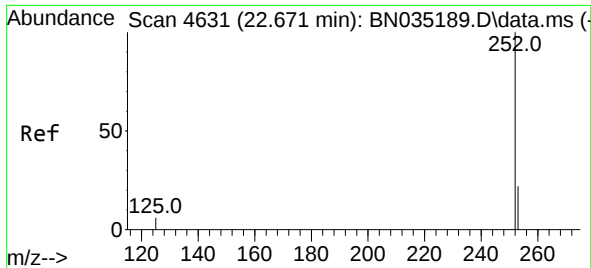
Tgt Ion:228 Resp: 11088
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.7 21.8 32.8



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:228 Resp: 11490
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 20.1 16.0 24.0

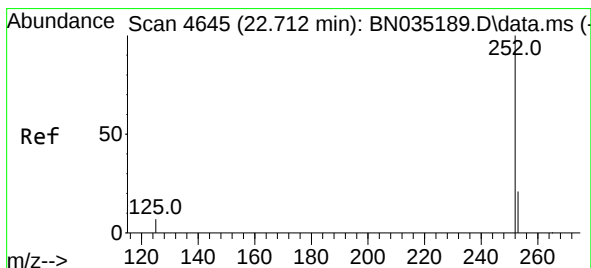
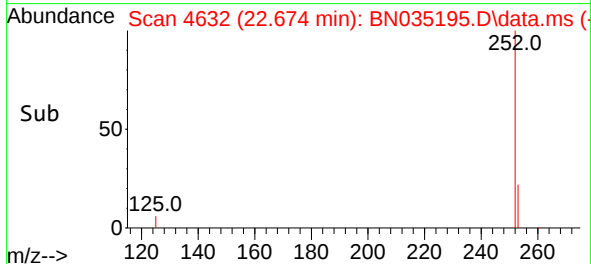
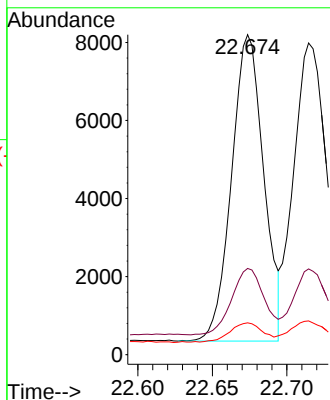
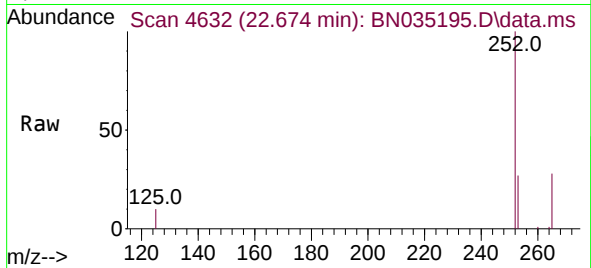




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

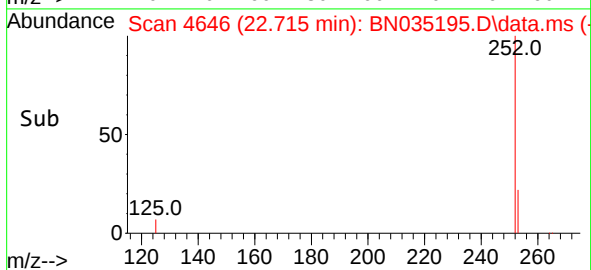
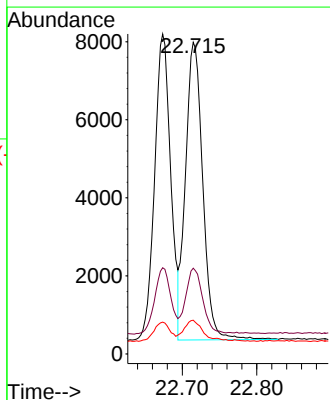
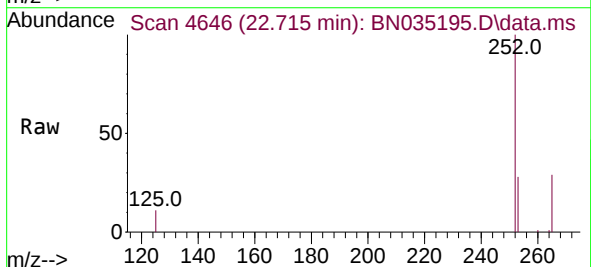
Instrument :
BNA_N
ClientSampleId :
E2A01MS

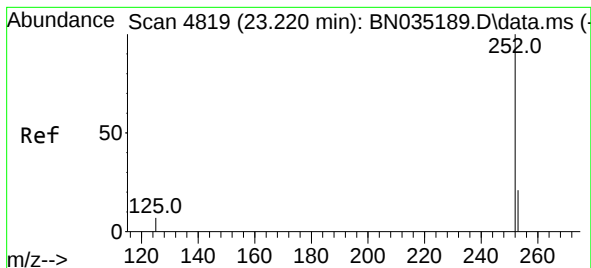
Tgt Ion:252 Resp: 11763
Ion Ratio Lower Upper
252 100
253 26.9 0.0 54.0
125 9.9 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 22.715 min Scan# 4646
Delta R.T. -0.009 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:252 Resp: 12251
Ion Ratio Lower Upper
252 100
253 27.5 21.8 32.6
125 10.8 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.331 ng/ul

RT: 23.226 min Scan# 4821

Delta R.T. -0.006 min

Lab File: BN035195.D

Acq: 20 Nov 2024 12:43

Instrument :

BNA_N

ClientSampleId :

E2A01MS

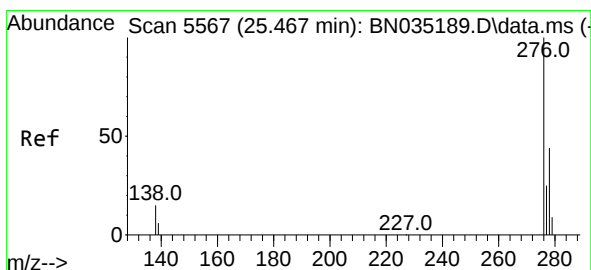
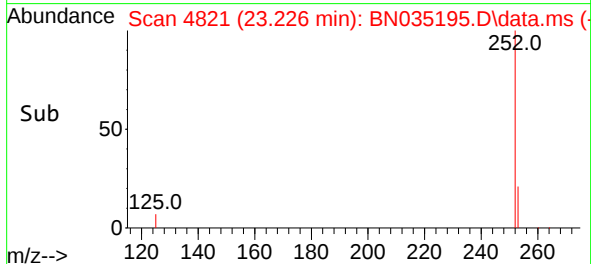
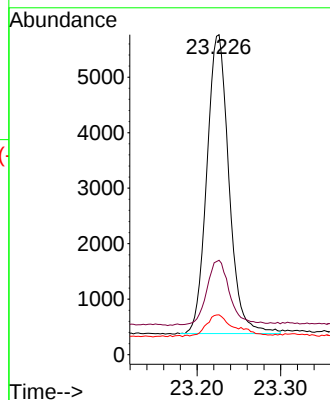
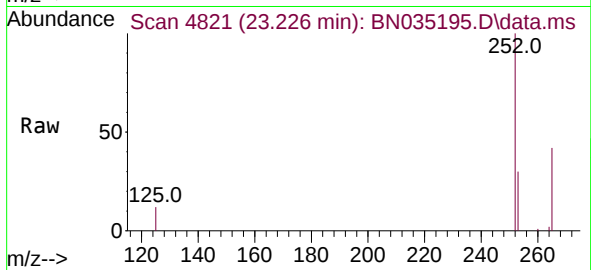
Tgt Ion:252 Resp: 9890

Ion Ratio Lower Upper

252 100

253 29.5 22.9 34.3

125 12.4 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 25.473 min Scan# 5569

Delta R.T. -0.013 min

Lab File: BN035195.D

Acq: 20 Nov 2024 12:43

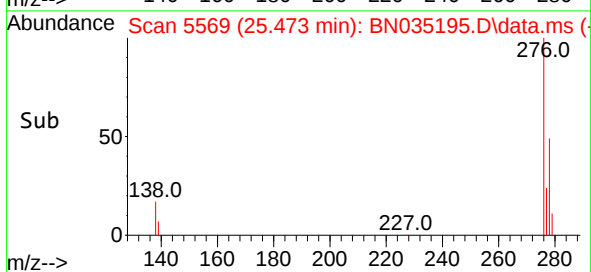
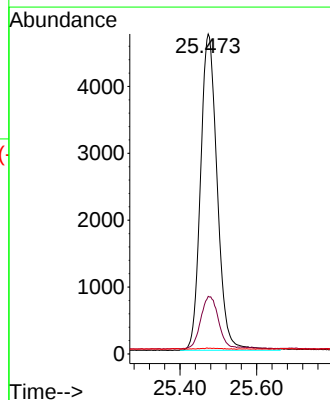
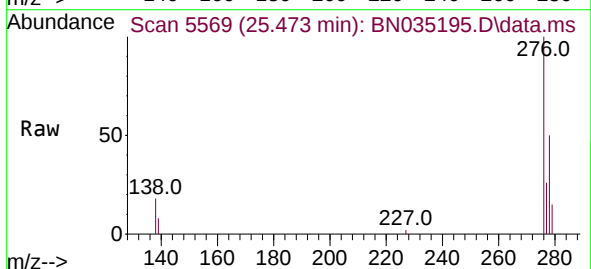
Tgt Ion:276 Resp: 14316

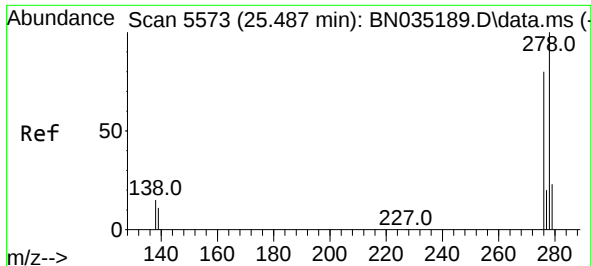
Ion Ratio Lower Upper

276 100

138 18.1 13.8 20.8

227 0.2 0.2 0.4#

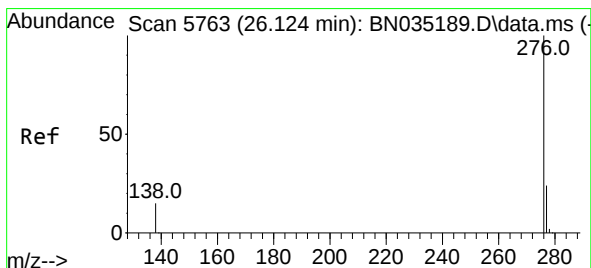
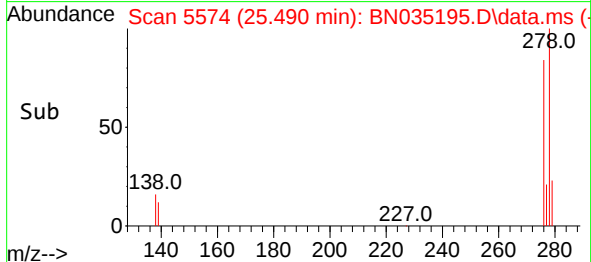
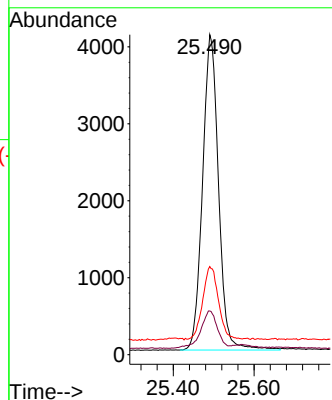
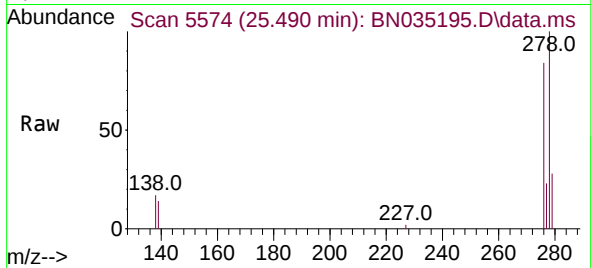




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.490 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Instrument :
BNA_N
ClientSampleId :
E2A01MS

Tgt Ion:278 Resp: 11252
Ion Ratio Lower Upper
278 100
139 13.7 10.7 16.1
279 27.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035195.D
Acq: 20 Nov 2024 12:43

Tgt Ion:276 Resp: 11264
Ion Ratio Lower Upper
276 100
138 16.2 13.0 19.6
277 25.0 20.5 30.7

