

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035196.D
 Acq On : 20 Nov 2024 13:19
 Operator : RC/JU
 Sample : P4875-15MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A01MSD

Quant Time: Nov 20 13:59:50 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)

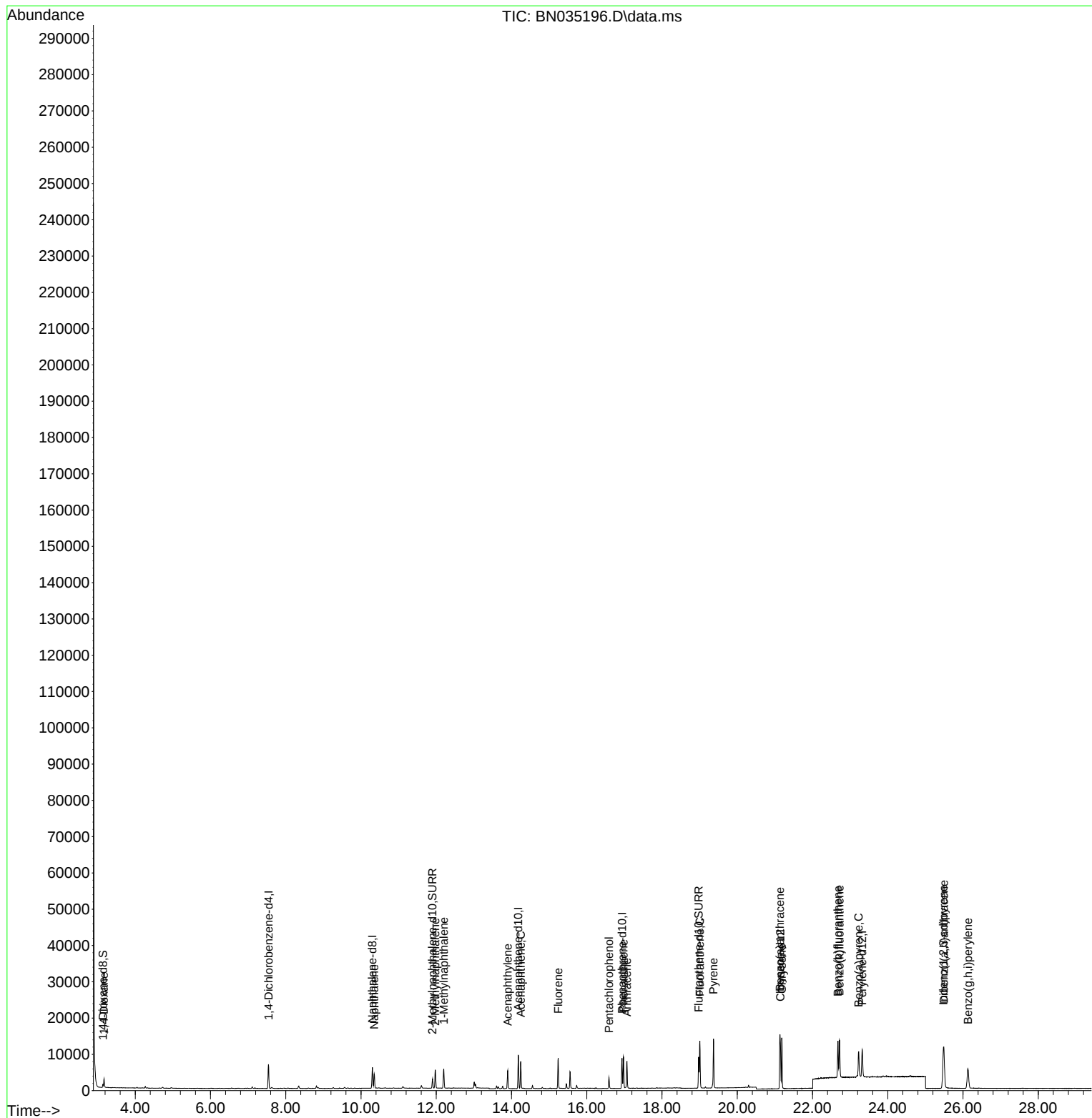
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3296	0.400	ng/u1	0.00
4) Naphthalene-d8	10.301	136	7865	0.400	ng/u1	-0.01
9) Acenaphthene-d10	14.180	164	4964	0.400	ng/u1	0.00
13) Phenanthrene-d10	16.937	188	10101	0.400	ng/u1	0.00
17) Chrysene-d12	21.149	240	8769	0.400	ng/u1	0.00
23) Perylene-d12	23.320	264	9538	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	667	0.221	ng/u1	0.00
6) 2-Methylnaphthalene-d10	11.901	152	3215	0.279	ng/u1	-0.01
18) Fluoranthene-d10	18.973	212	9826	0.406	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	1931	0.590	ng/u1	98
5) Naphthalene	10.350	128	5130	0.259	ng/u1	98
7) 2-Methylnaphthalene	11.978	142	3495	0.254	ng/u1	98
8) 1-Methylnaphthalene	12.198	142	3559	0.257	ng/u1	99
10) Acenaphthylene	13.898	152	5392	0.274	ng/u1	99
11) Acenaphthene	14.245	153	4141	0.275	ng/u1	98
12) Fluorene	15.240	166	5021	0.284	ng/u1	99
14) Pentachlorophenol	16.591	266	1926	0.819	ng/u1	98
15) Phenanthrene	16.975	178	8915	0.334	ng/u1	99
16) Anthracene	17.068	178	7732	0.312	ng/u1	100
19) Fluoranthene	19.005	202	11324	0.371	ng/u1	99
20) Pyrene	19.368	202	11776	0.371	ng/u1	98
21) Benzo(a)anthracene	21.131	228	11426	0.376	ng/u1	99
22) Chrysene	21.184	228	11743	0.384	ng/u1	100
24) Benzo(b)fluoranthene	22.674	252	12004	0.381	ng/u1	100
25) Benzo(k)fluoranthene	22.715	252	12607	0.388	ng/u1	100
26) Benzo(a)pyrene	23.224	252	10337	0.359	ng/u1	100
27) Indeno(1,2,3-cd)pyrene	25.477	276	14748	0.379	ng/u1	98
28) Dibenzo(a,h)anthracene	25.491	278	11669	0.383	ng/u1	99
29) Benzo(g,h,i)perylene	26.131	276	11562	0.377	ng/u1	99

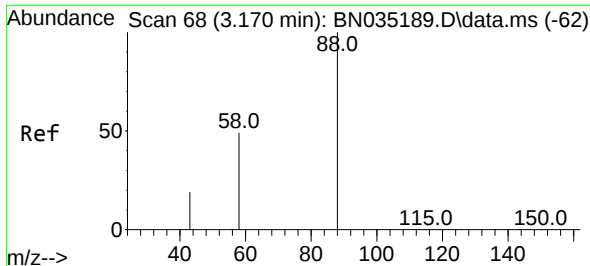
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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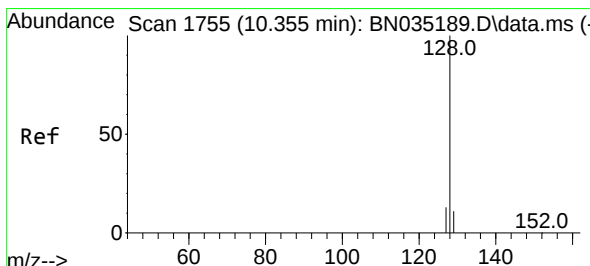
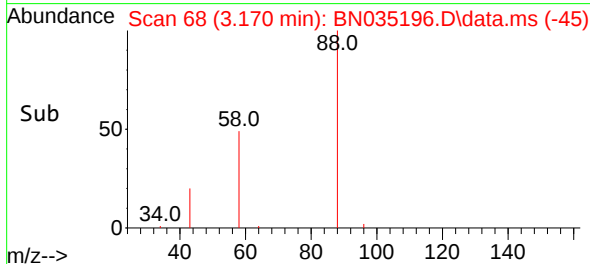
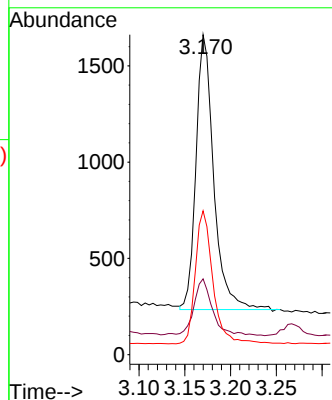
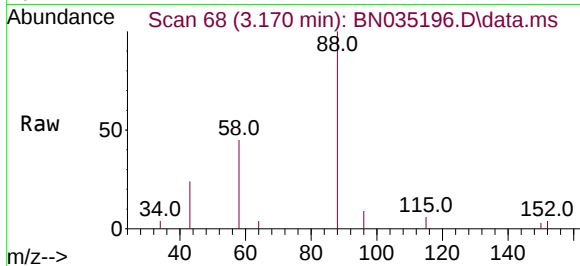




#2
 1,4-Dioxane
 Concen: 0.590 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035196.D
 Acq: 20 Nov 2024 13:19

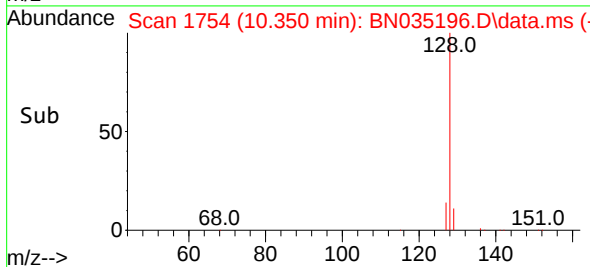
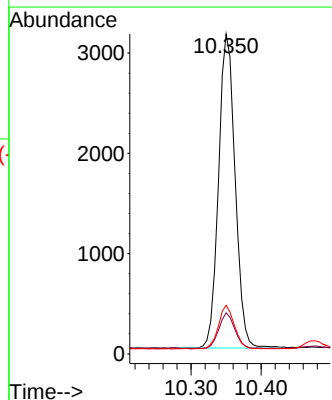
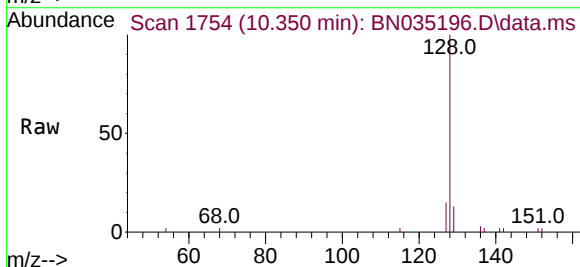
Instrument :
 BNA_N
 ClientSampleId :
 E2A01MSD

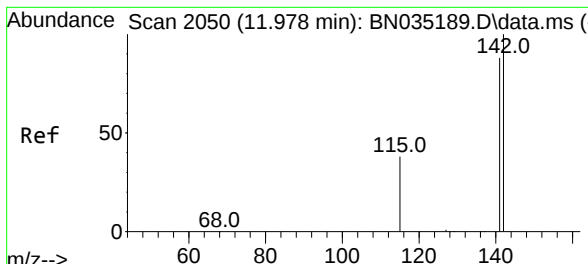
Tgt Ion: 88 Resp: 1931
 Ion Ratio Lower Upper
 88 100
 43 23.7 20.6 31.0
 58 44.9 36.2 54.4



#5
 Naphthalene
 Concen: 0.259 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035196.D
 Acq: 20 Nov 2024 13:19

Tgt Ion: 128 Resp: 5130
 Ion Ratio Lower Upper
 128 100
 129 12.8 9.9 14.9
 127 15.2 11.4 17.2

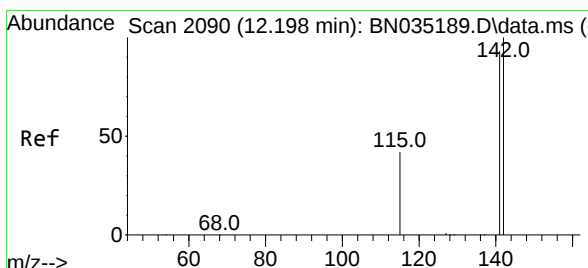
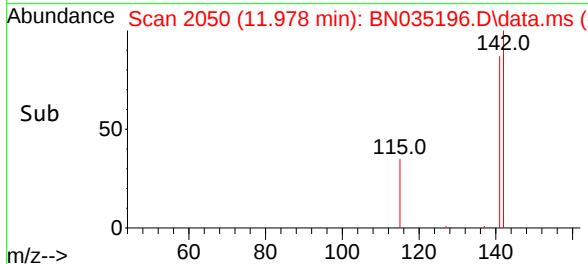
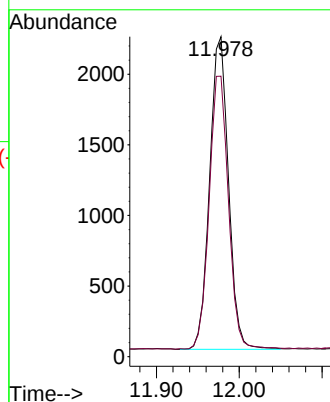
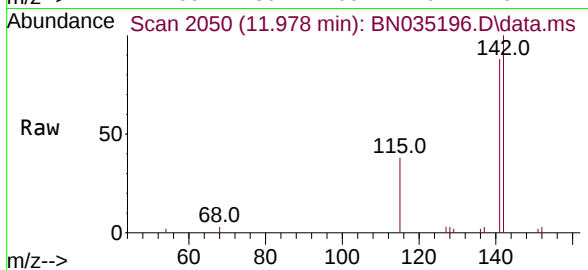




#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

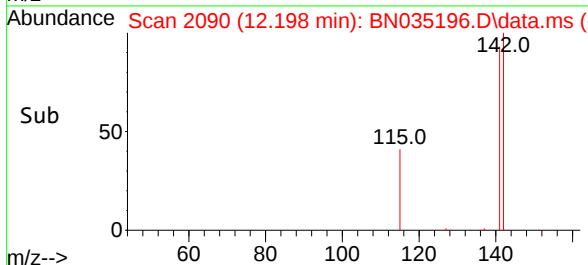
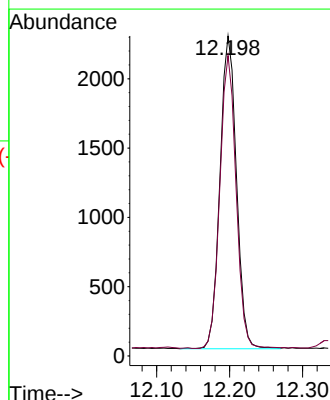
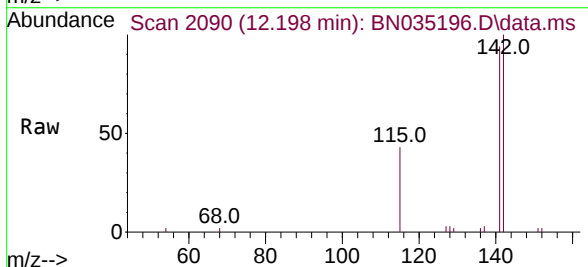
Instrument :
BNA_N
ClientSampleId :
E2A01MSD

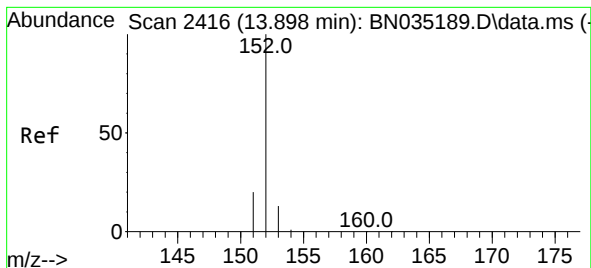
Tgt Ion:142 Resp: 3495
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:142 Resp: 3559
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#10

Acenaphthylene

Concen: 0.274 ng/ul

RT: 13.898 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BN035196.D

Acq: 20 Nov 2024 13:19

Instrument :

BNA_N

ClientSampleId :

E2A01MSD

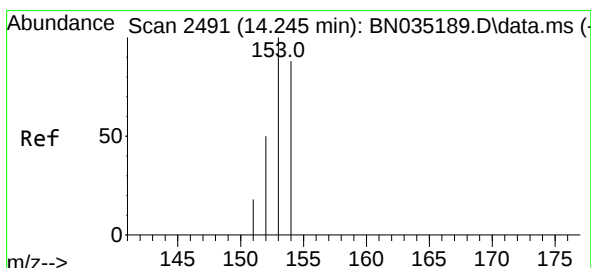
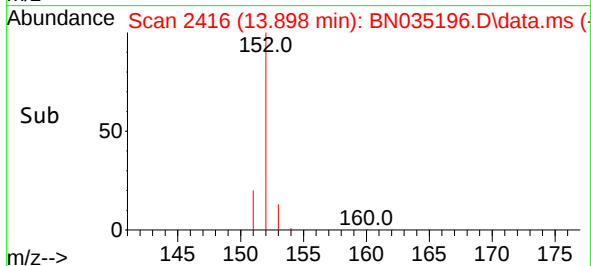
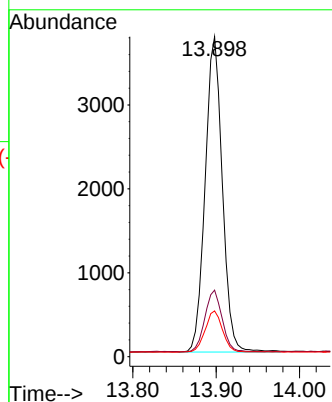
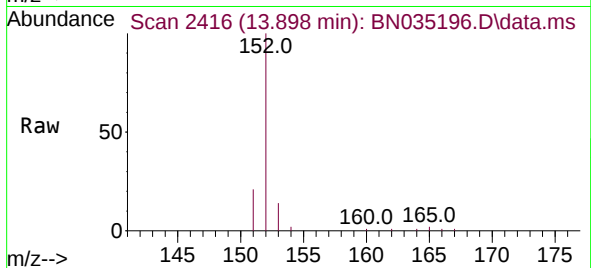
Tgt Ion:152 Resp: 5392

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 14.3 11.1 16.7



#11

Acenaphthene

Concen: 0.275 ng/ul

RT: 14.245 min Scan# 2491

Delta R.T. -0.005 min

Lab File: BN035196.D

Acq: 20 Nov 2024 13:19

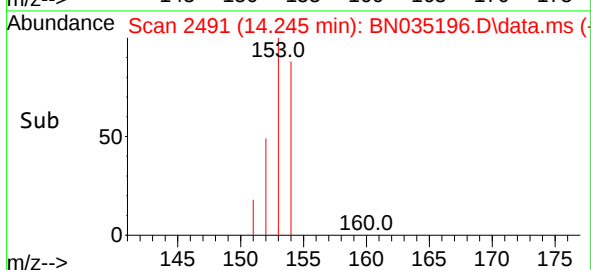
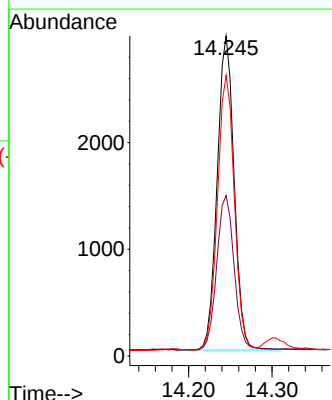
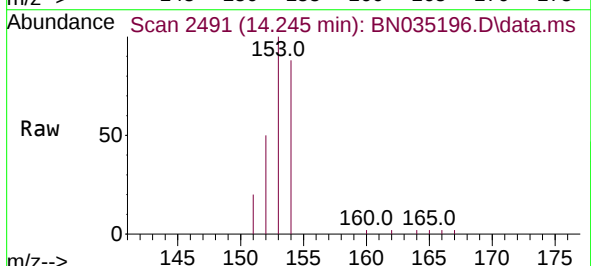
Tgt Ion:153 Resp: 4141

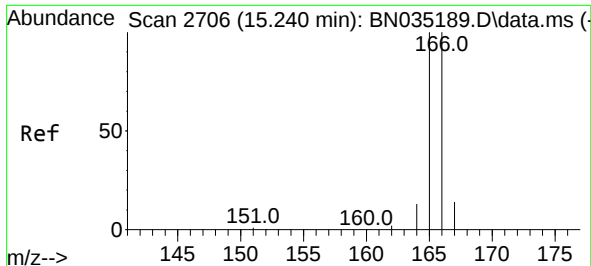
Ion Ratio Lower Upper

153 100

152 50.2 41.4 62.0

154 87.7 71.2 106.8

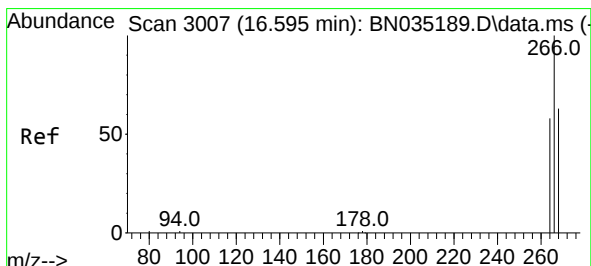
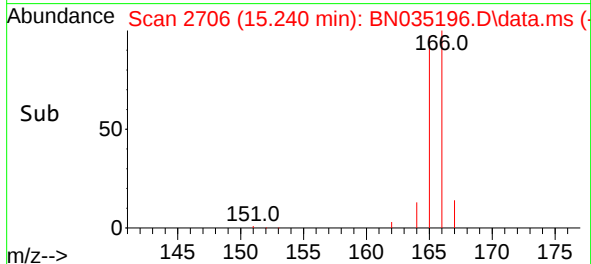
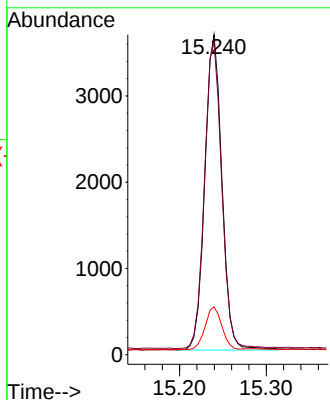
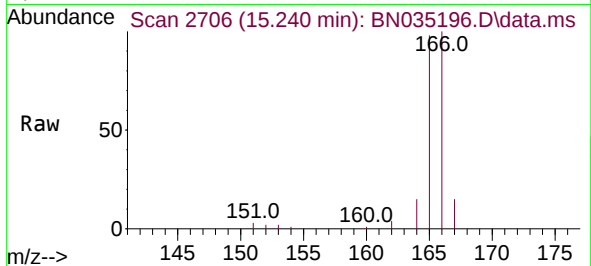




#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.240 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

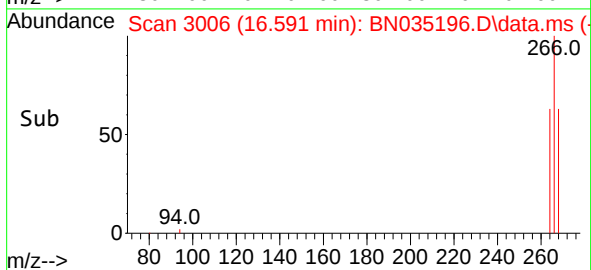
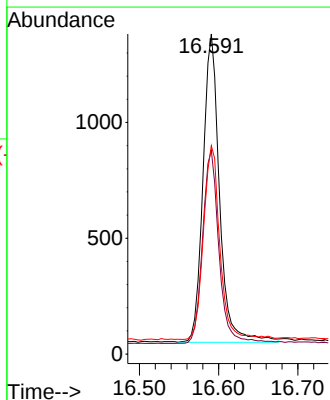
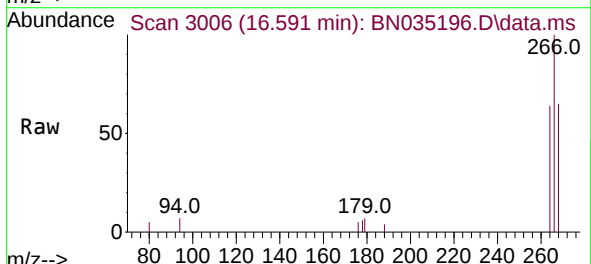
Instrument :
BNA_N
ClientSampleId :
E2A01MSD

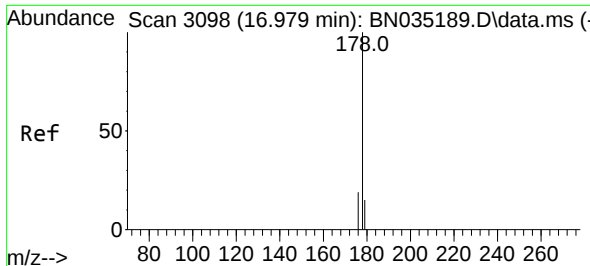
Tgt Ion:166 Resp: 5021
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 15.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.819 ng/ul
RT: 16.591 min Scan# 3006
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:266 Resp: 1926
Ion Ratio Lower Upper
266 100
264 62.3 51.8 77.6
268 62.9 51.3 76.9

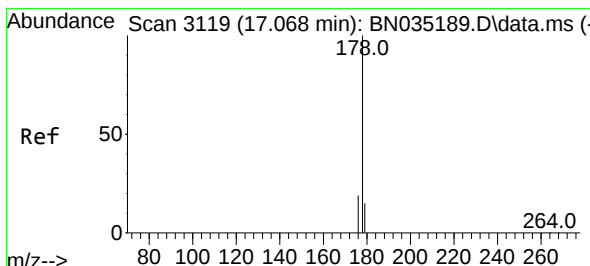
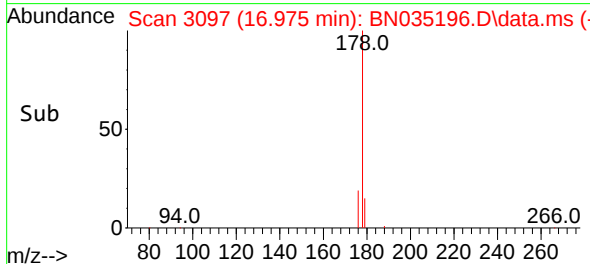
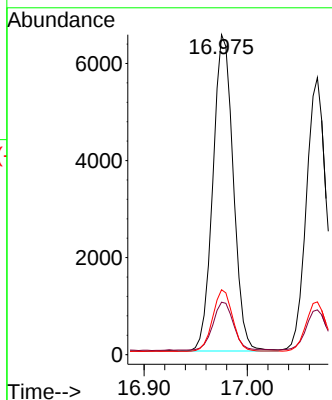
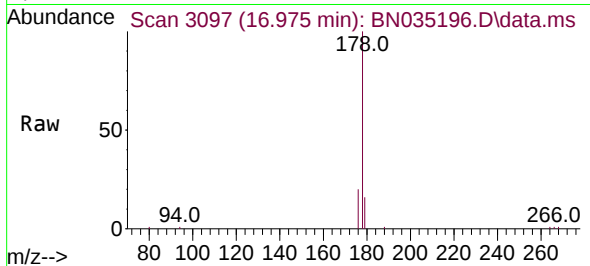




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

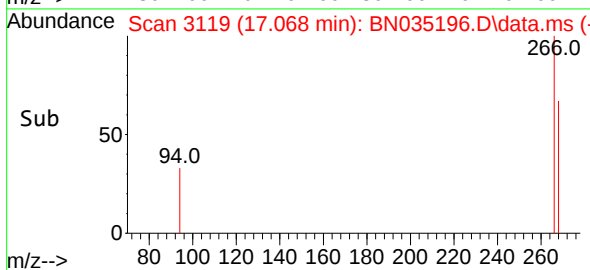
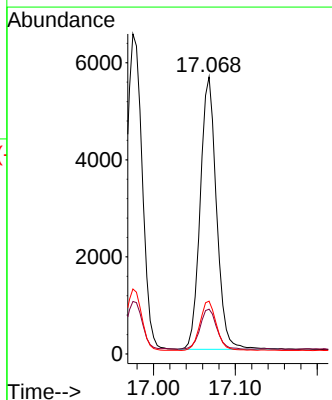
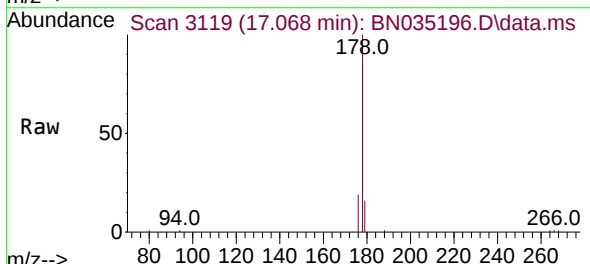
Instrument :
BNA_N
ClientSampleId :
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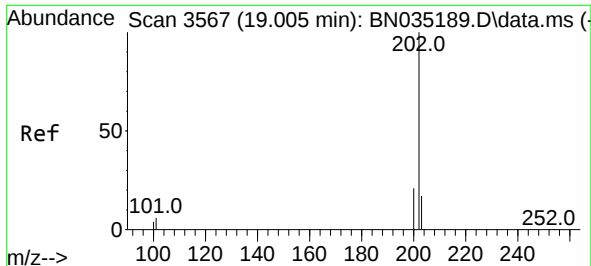
Tgt Ion:	178	Resp:	8915
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.3	15.6	23.4



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:	178	Resp:	7732
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.1	15.4	23.2

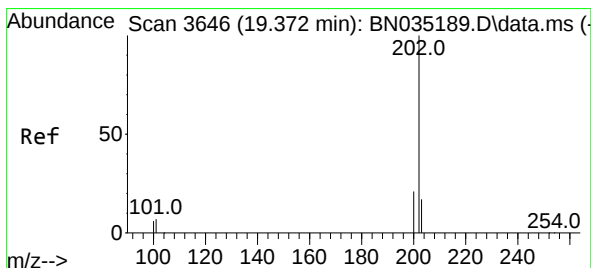
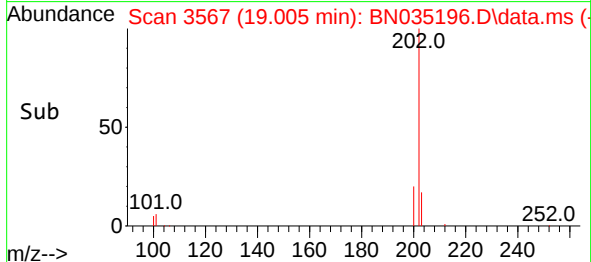
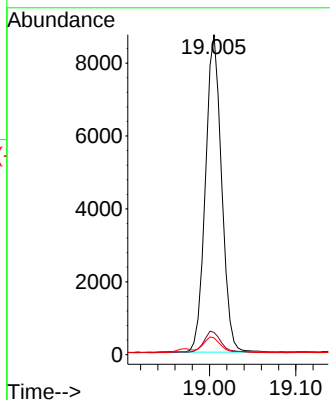
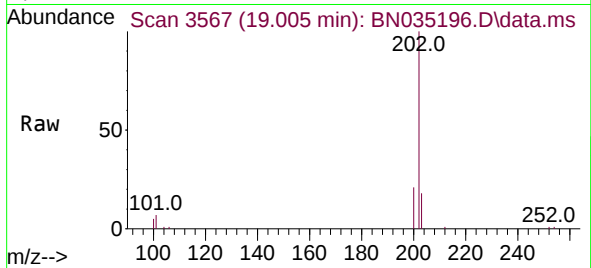




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

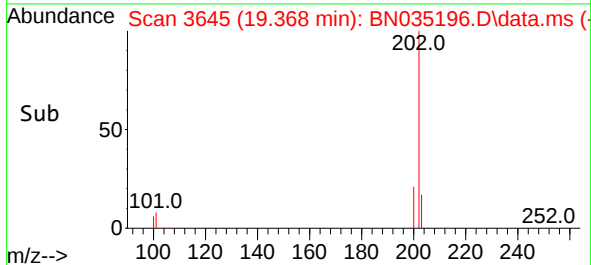
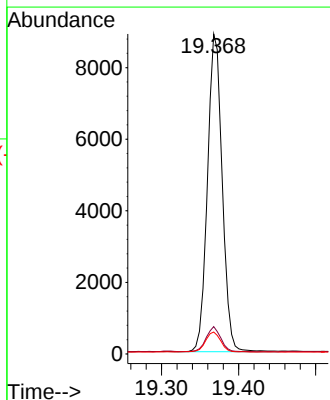
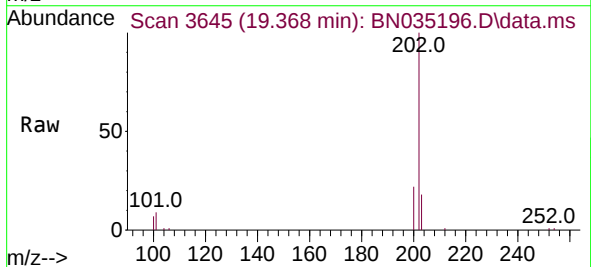
Instrument :
BNA_N
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E2A01MSD

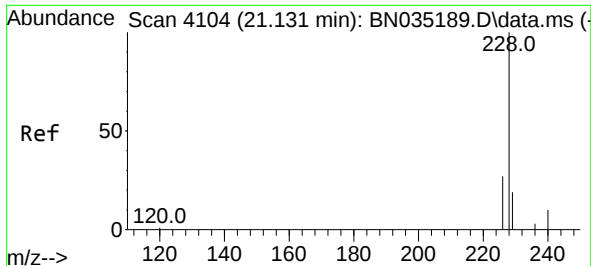
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.8	8.6
100	5.3	4.5	6.7



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.368 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.2	9.4
100	6.9	5.1	7.7

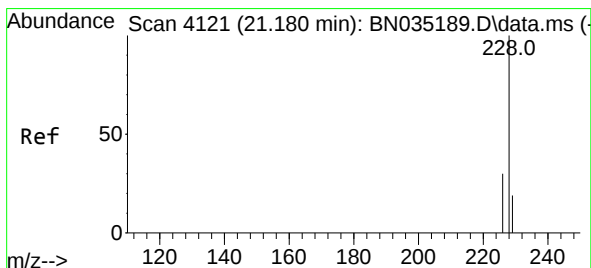
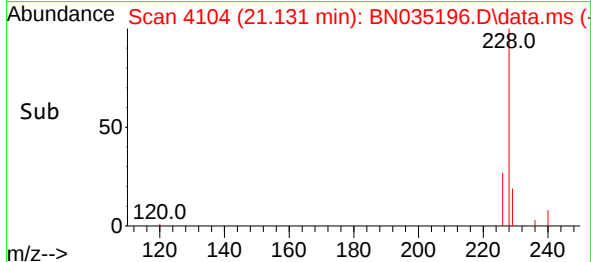
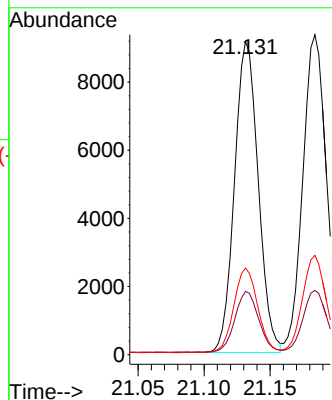
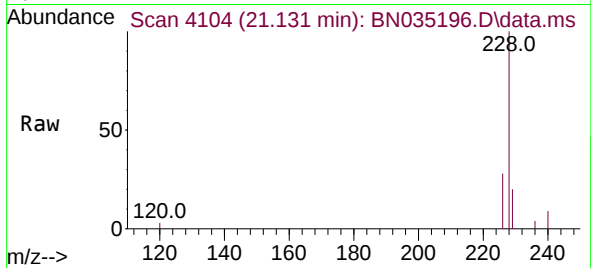




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

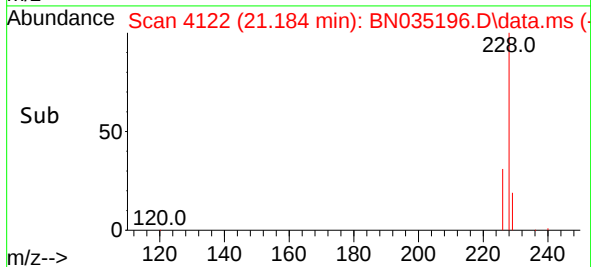
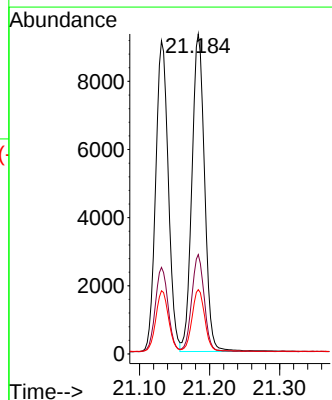
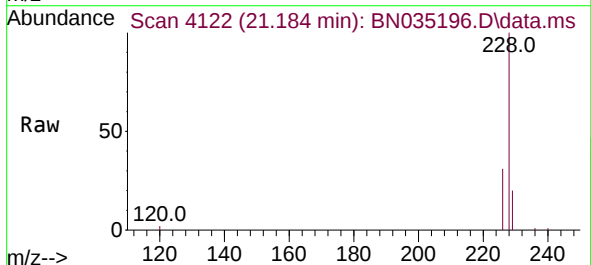
Instrument :
BNA_N
ClientSampleId :
E2A01MSD

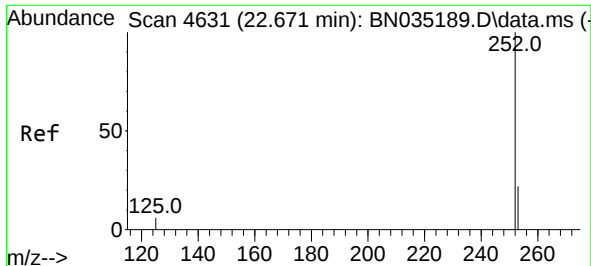
Tgt Ion:228 Resp: 11426
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.6 21.8 32.8



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.184 min Scan# 4122
Delta R.T. -0.005 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

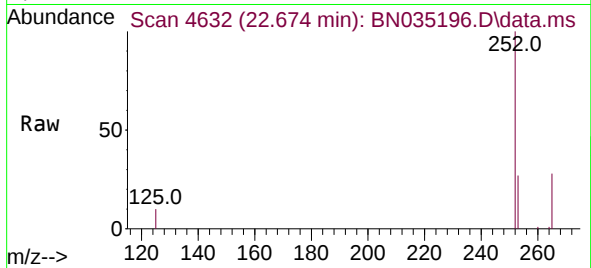
Tgt Ion:228 Resp: 11743
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.1 16.0 24.0



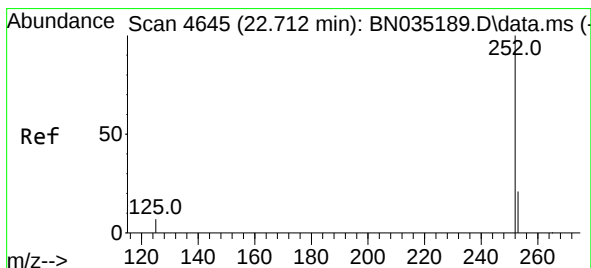
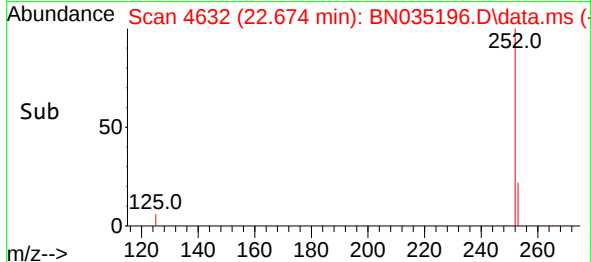
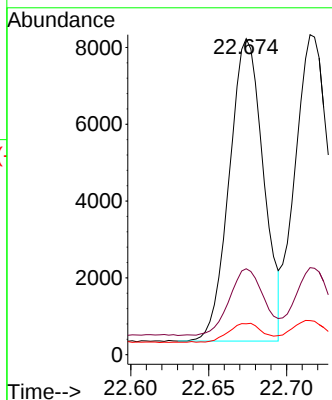


#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Instrument :
BNA_N
ClientSampleId :
E2A01MSD

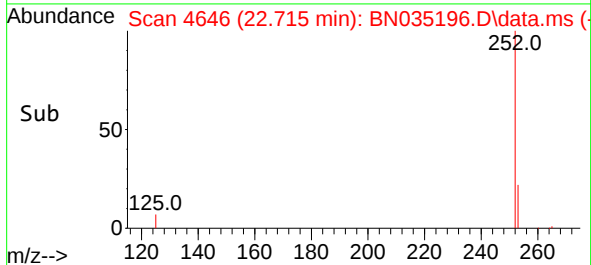
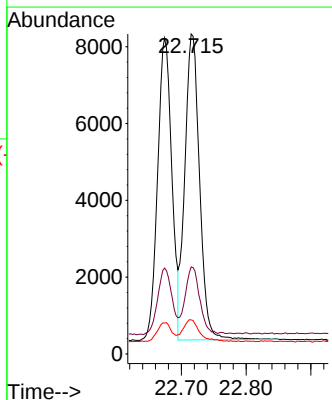
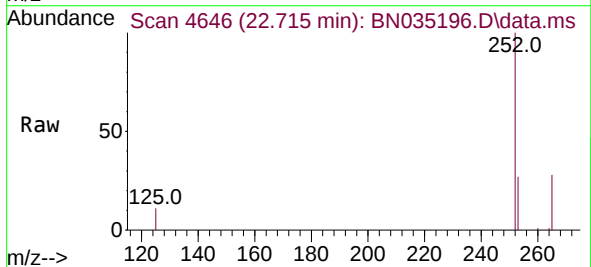


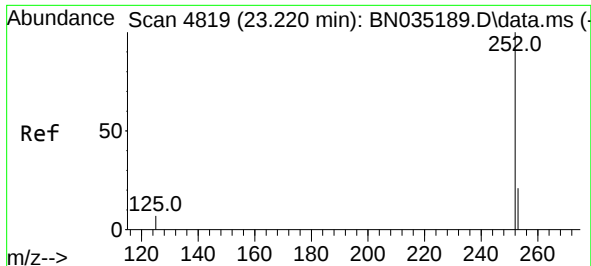
Tgt Ion:252 Resp: 12004
Ion Ratio Lower Upper
252 100
253 27.2 0.0 54.0
125 9.8 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.715 min Scan# 4646
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:252 Resp: 12607
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.6
125 10.7 8.6 12.8

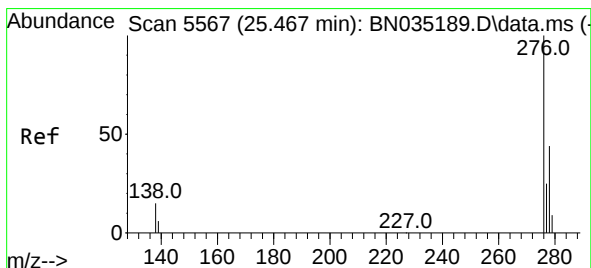
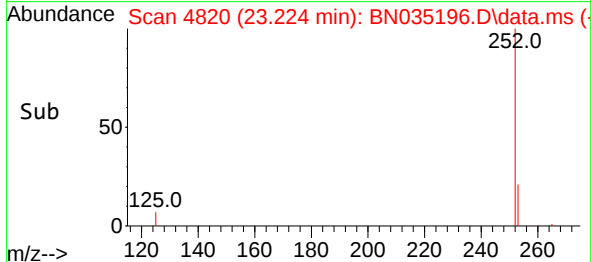
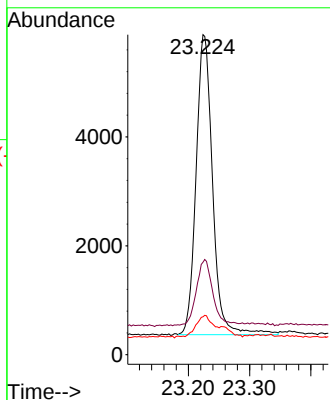
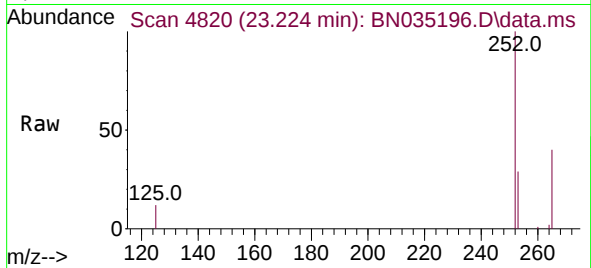




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.224 min Scan# 4820
Delta R.T. -0.008 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

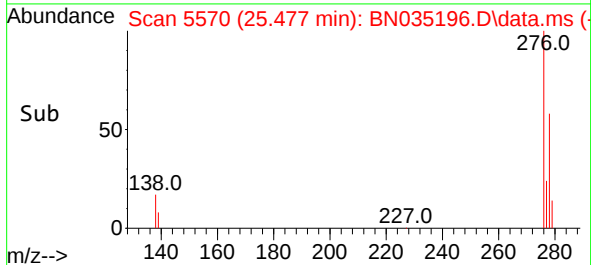
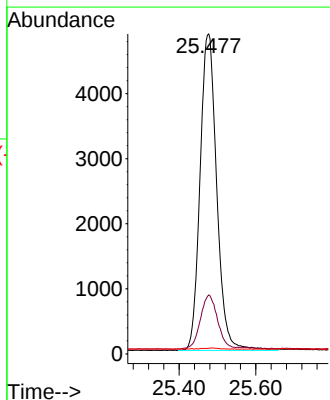
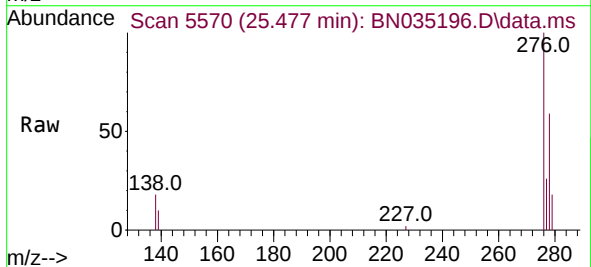
Instrument :
BNA_N
ClientSampleId :
E2A01MSD

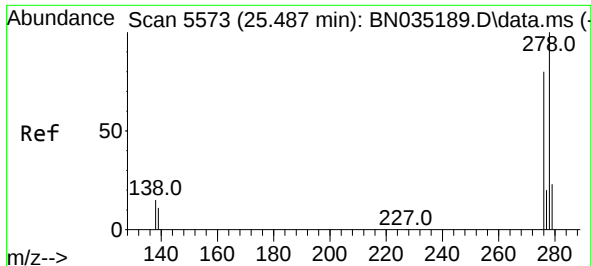
Tgt Ion:252	Resp:	10337
Ion	Ratio	Lower Upper
252	100	
253	28.9	22.9 34.3
125	11.9	9.4 14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:276	Resp:	14748
Ion	Ratio	Lower Upper
276	100	
138	18.0	13.8 20.8
227	0.3	0.2 0.4

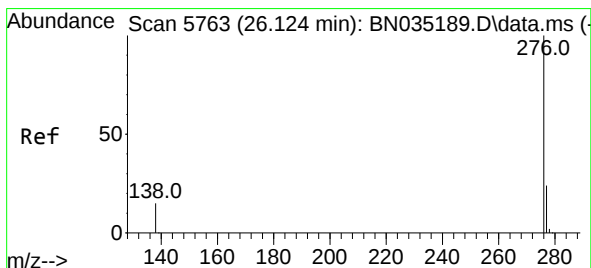
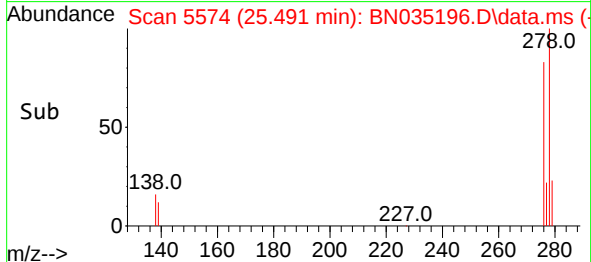
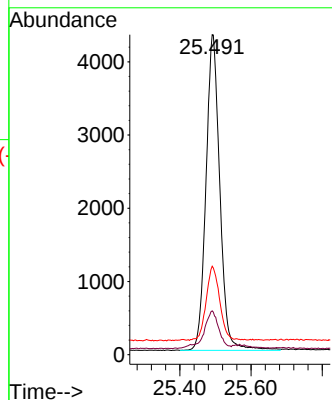
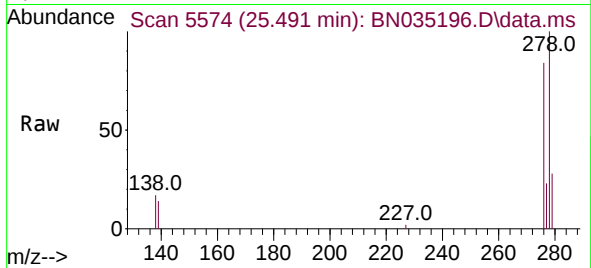




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.491 min Scan# 51
Delta R.T. -0.016 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Instrument :
BNA_N
ClientSampleId :
E2A01MSD

Tgt Ion:278 Resp: 11669
Ion Ratio Lower Upper
278 100
139 13.7 10.7 16.1
279 27.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035196.D
Acq: 20 Nov 2024 13:19

Tgt Ion:276 Resp: 11562
Ion Ratio Lower Upper
276 100
138 16.2 13.0 19.6
277 25.2 20.5 30.7

