

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035101.D
 Acq On : 15 Nov 2024 12:13
 Operator : RC/JU
 Sample : P4803-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AQ2

Quant Time: Nov 15 12:42:07 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 : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

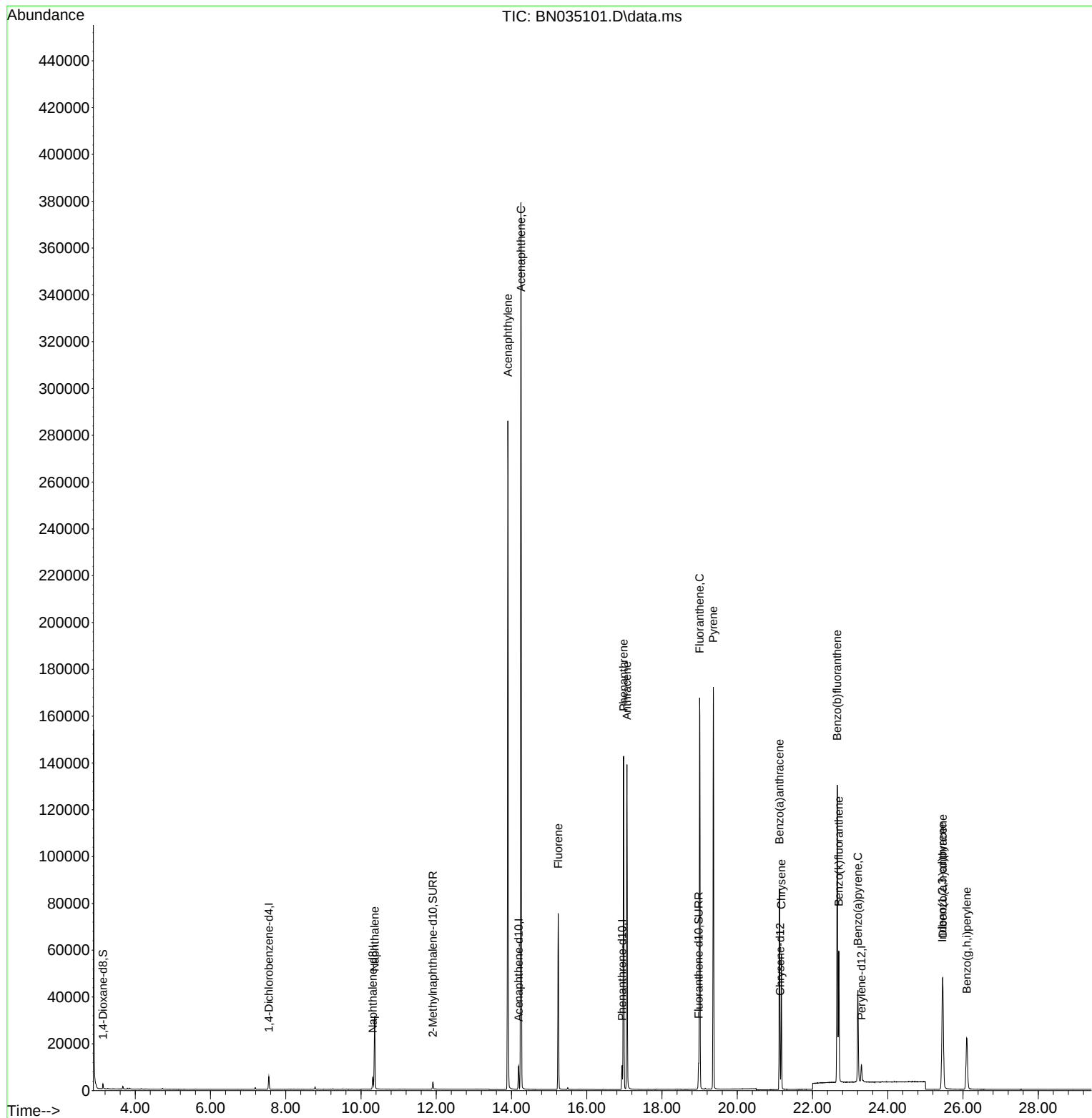
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2602	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	6677	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.189	164	5291	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	12329	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	10005	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	9261	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1444	0.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	4062	0.397	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	12613	0.491	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.361	128	41026	2.455	ng/ul	96
10) Acenaphthylene	13.903	152	303060	14.020	ng/ul	98
11) Acenaphthene	14.250	153	207157	12.642	ng/ul	97
12) Fluorene	15.240	166	46746	2.242	ng/ul	99
15) Phenanthrene	16.979	178	143659	4.361	ng/ul	97
16) Anthracene	17.068	178	137714	4.448	ng/ul	97
19) Fluoranthene	19.000	202	144355	4.318	ng/ul#	96
20) Pyrene	19.362	202	147531	4.256	ng/ul#	96
21) Benzo(a)anthracene	21.119	228	67956	1.875	ng/ul	99
22) Chrysene	21.172	228	46173	1.249	ng/ul	100
24) Benzo(b)fluoranthene	22.656	252	149012	4.576	ng/ul	95
25) Benzo(k)fluoranthene	22.697	252	66234	1.943	ng/ul	95
26) Benzo(a)pyrene	23.206	252	53770	1.848	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.450	276	51078	1.435	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.463	278	52042	1.877	ng/ul	95
29) Benzo(g,h,i)perylene	26.097	276	44662	1.643	ng/ul	97

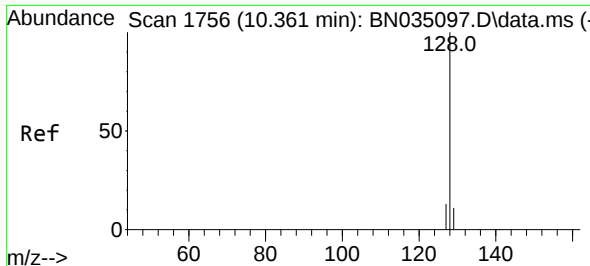
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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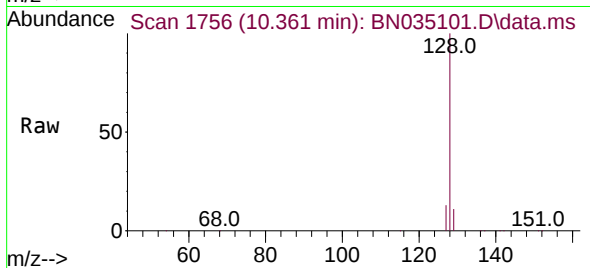
Quant Time: Nov 15 12:42:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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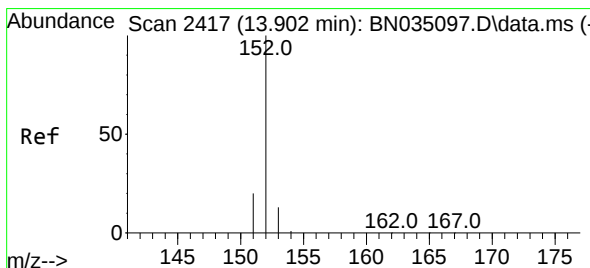
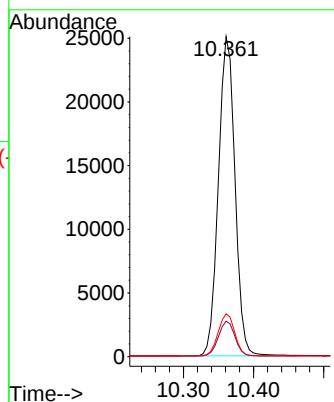


#5
Naphthalene
Concen: 2.455 ng/ul
RT: 10.361 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Instrument :
BNA_N
ClientSampleId :
A0AQ2

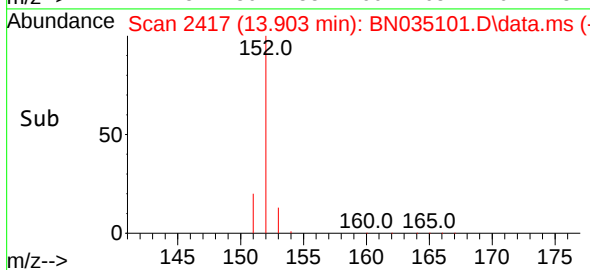
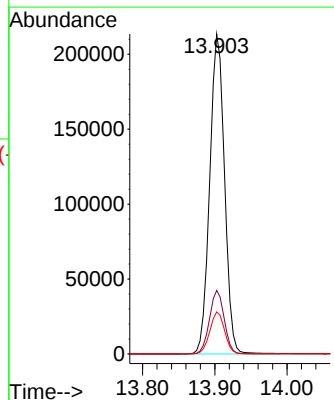
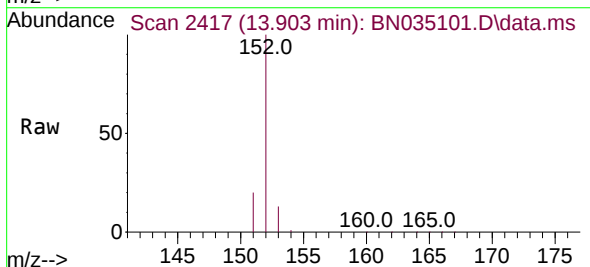


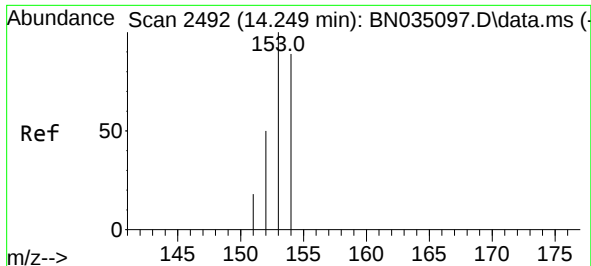
Tgt Ion:	128	Resp:	41026
Ion Ratio	Lower	Upper	
128	100		
129	11.1	10.1	15.1
127	13.4	12.1	18.1



#10
Acenaphthylene
Concen: 14.020 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Tgt Ion:	152	Resp:	303060
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.6	24.8
153	13.2	11.0	16.6

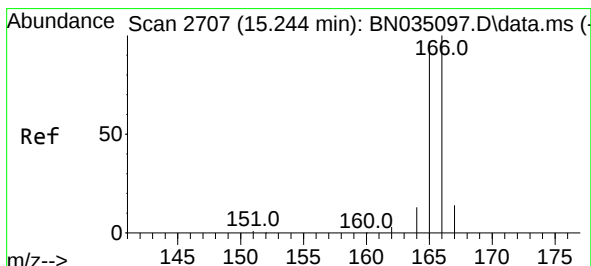
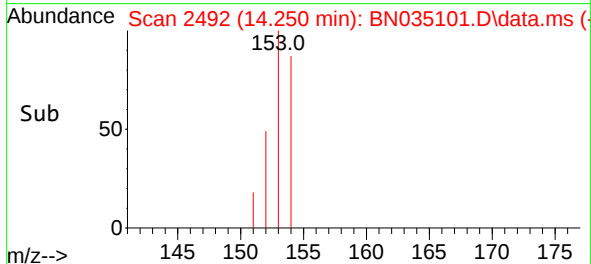
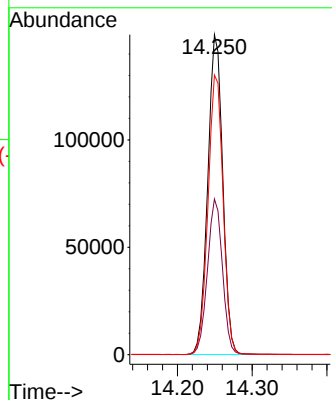
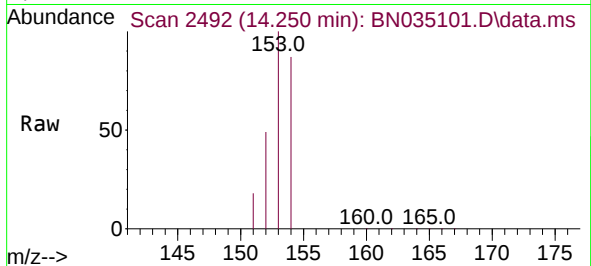




#11
Acenaphthene
Concen: 12.642 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

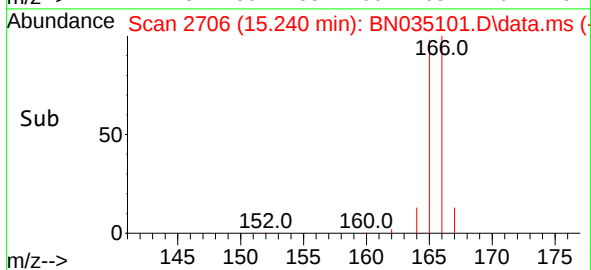
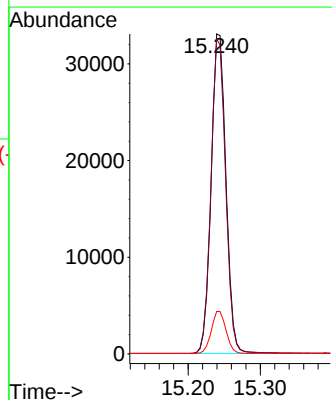
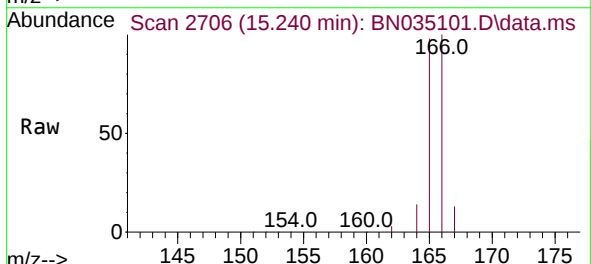
Instrument :
BNA_N
ClientSampleId :
A0AQ2

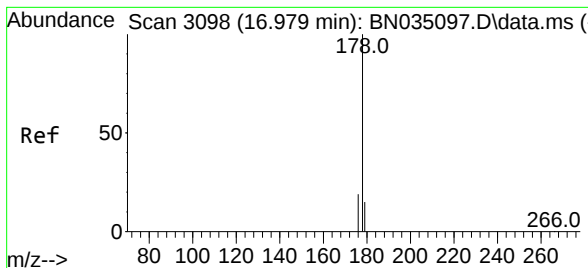
Tgt Ion:153 Resp: 207157
Ion Ratio Lower Upper
153 100
152 48.6 41.5 62.3
154 87.4 70.9 106.3



#12
Fluorene
Concen: 2.242 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.009 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Tgt Ion:166 Resp: 46746
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 13.3 11.8 17.6





#15

Phenanthrene

Concen: 4.361 ng/ul

RT: 16.979 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BN035101.D

Acq: 15 Nov 2024 12:13

Instrument :

BNA_N

ClientSampleId :

A0AQ2

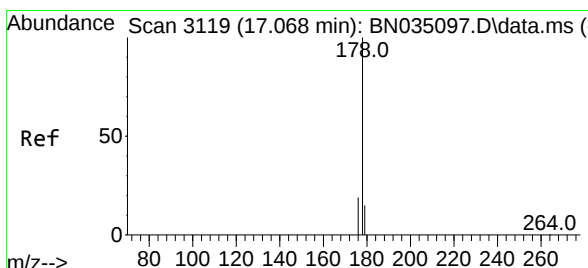
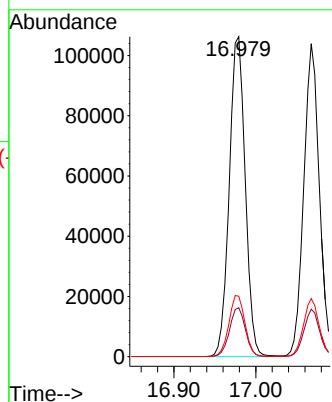
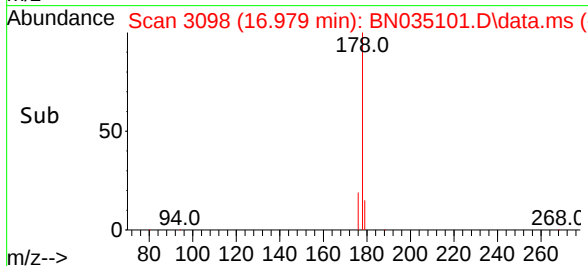
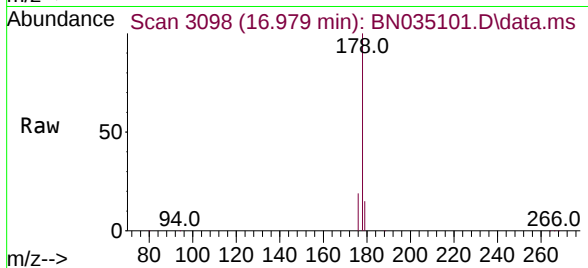
Tgt Ion:178 Resp: 143659

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

176 18.9 15.8 23.6



#16

Anthracene

Concen: 4.448 ng/ul

RT: 17.068 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BN035101.D

Acq: 15 Nov 2024 12:13

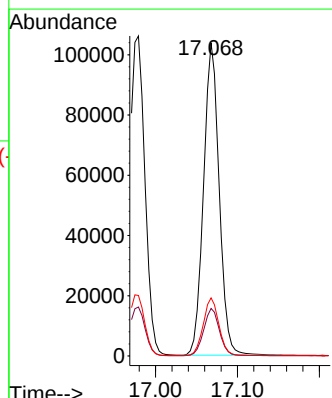
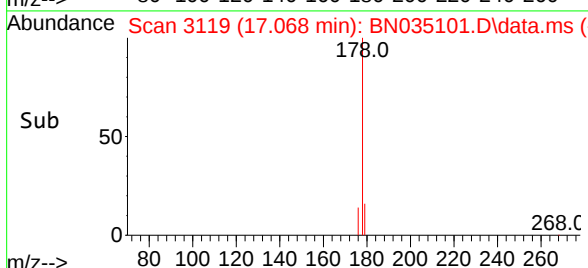
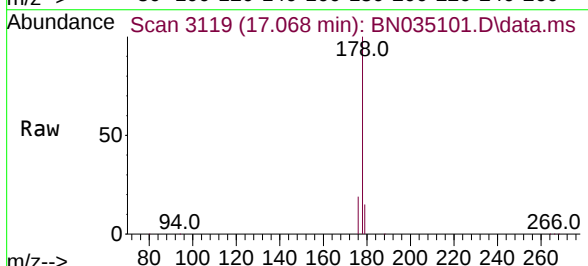
Tgt Ion:178 Resp: 137714

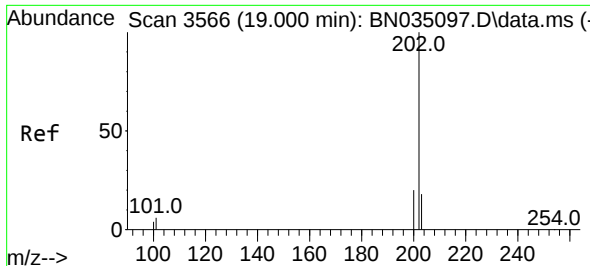
Ion Ratio Lower Upper

178 100

179 15.2 13.3 19.9

176 18.6 15.8 23.8

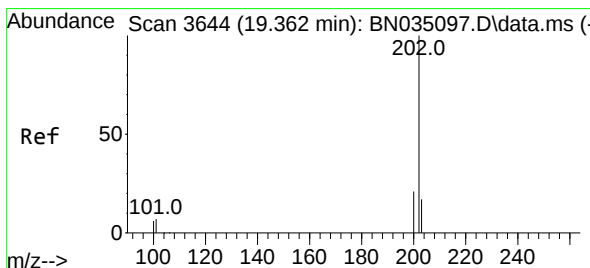
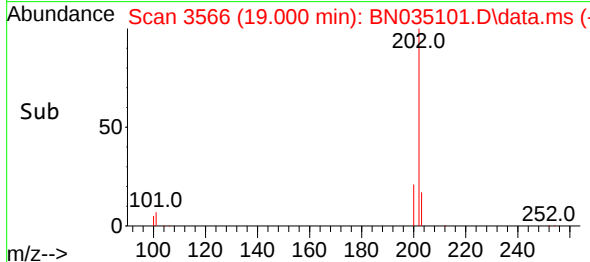
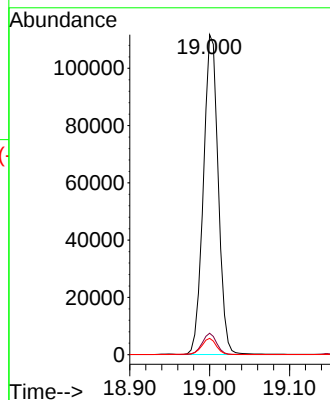
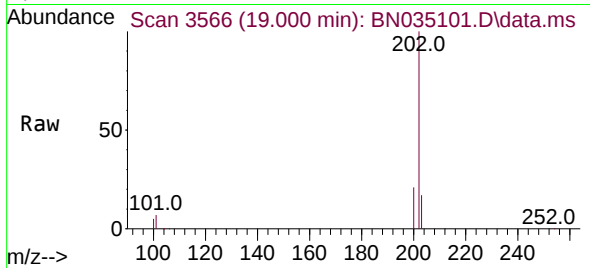




#19
Fluoranthene
Concen: 4.318 ng/u1
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

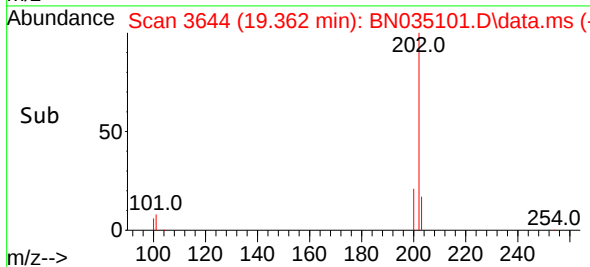
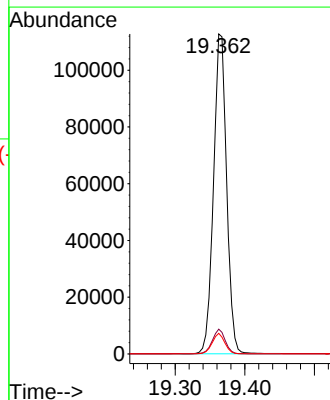
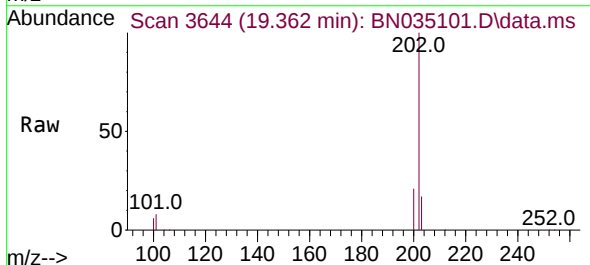
Instrument :
BNA_N
ClientSampleId :
A0AQ2

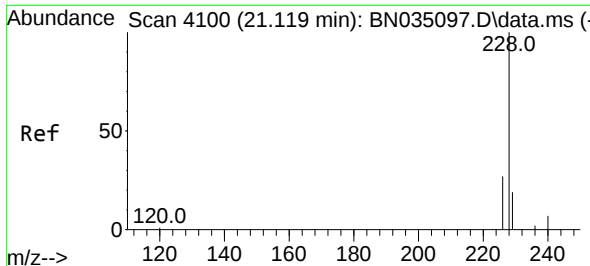
Tgt Ion:202 Resp: 144355
Ion Ratio Lower Upper
202 100
101 6.7 4.2 6.2#
100 5.1 3.2 4.8#



#20
Pyrene
Concen: 4.256 ng/u1
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Tgt Ion:202 Resp: 147531
Ion Ratio Lower Upper
202 100
101 7.8 5.0 7.4#
100 6.4 4.1 6.1#

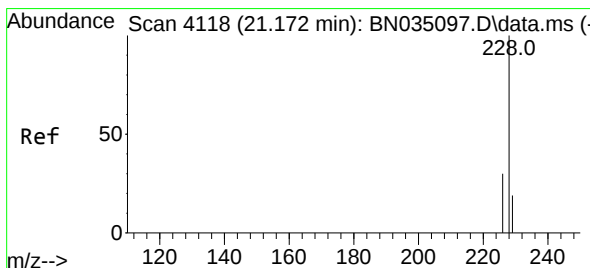
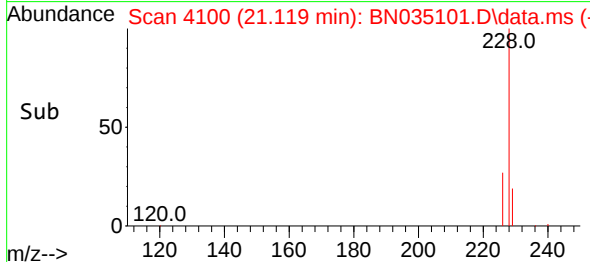
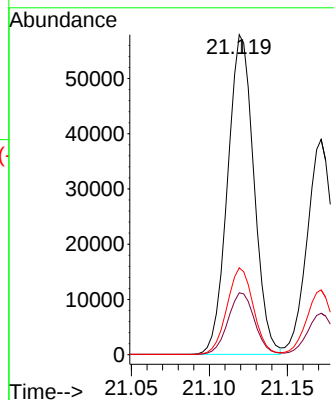
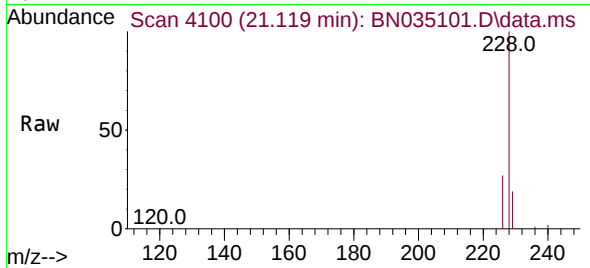




#21
Benzo(a)anthracene
Concen: 1.875 ng/ul
RT: 21.119 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

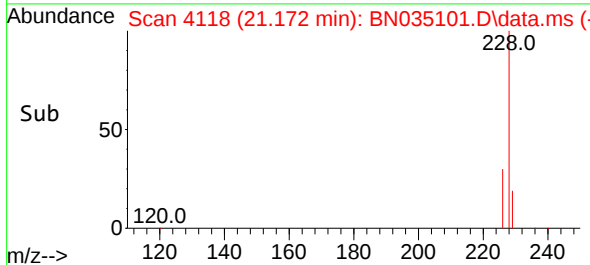
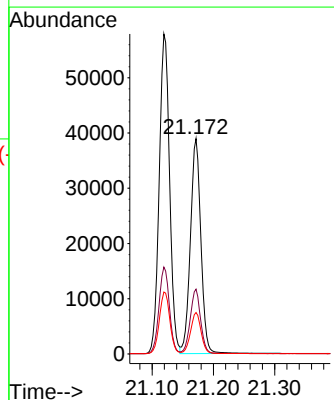
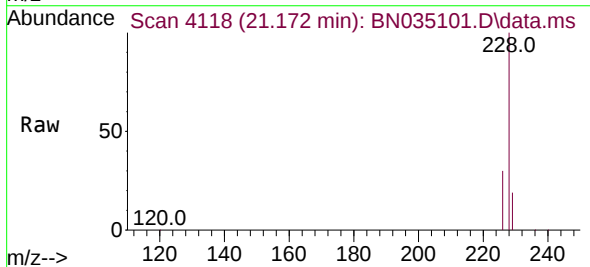
Instrument :
BNA_N
ClientSampleId :
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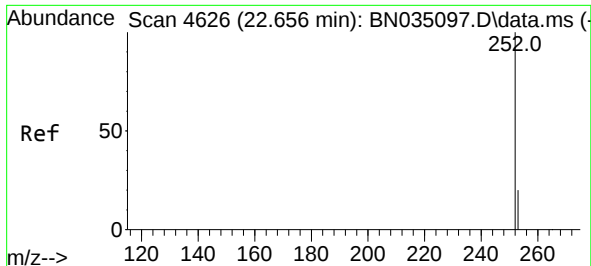
Tgt Ion:228 Resp: 67956
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.8
226 27.1 22.2 33.2



#22
Chrysene
Concen: 1.249 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

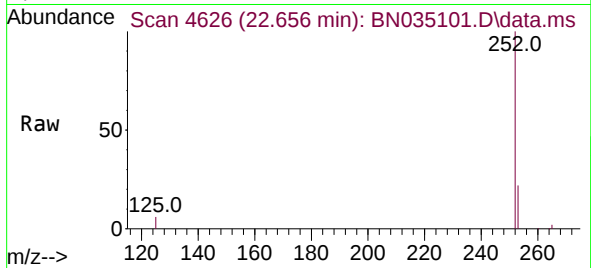
Tgt Ion:228 Resp: 46173
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.2 15.4 23.2



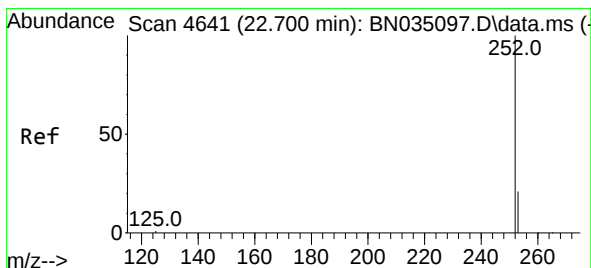
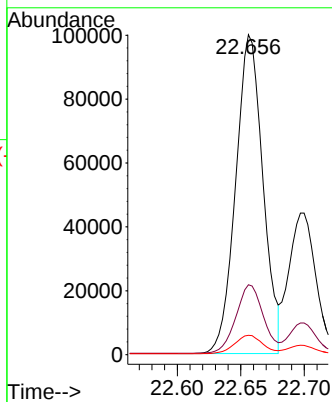
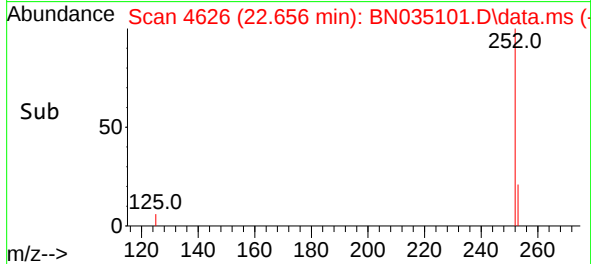


#24
Benzo(b)fluoranthene
Concen: 4.576 ng/ul
RT: 22.656 min Scan# 4626
Delta R.T. -0.000 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Instrument :
BNA_N
ClientSampleId :
A0AQ2

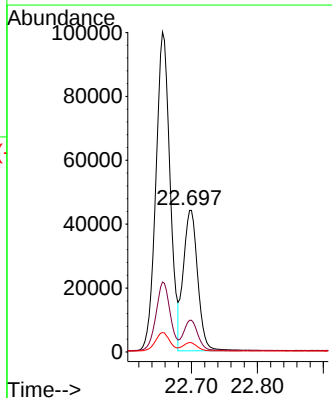
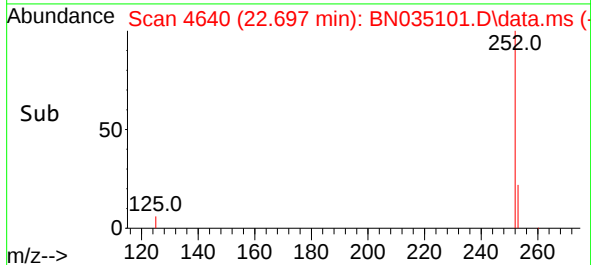
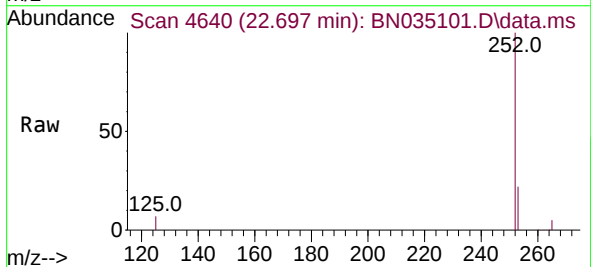


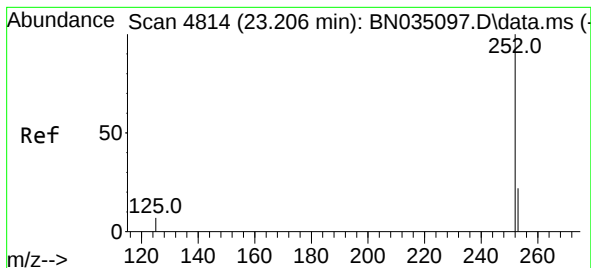
Tgt Ion:252 Resp: 149012
Ion Ratio Lower Upper
252 100
253 21.9 0.0 50.0
125 6.1 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 1.943 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.000 min
Lab File: BN035101.D
Acq: 15 Nov 2024 12:13

Tgt Ion:252 Resp: 66234
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.4
125 6.6 5.8 8.8





#26

Benzo(a)pyrene

Concen: 1.848 ng/ul

RT: 23.206 min Scan# 4814

Delta R.T. -0.000 min

Lab File: BN035101.D

Acq: 15 Nov 2024 12:13

Instrument :

BNA_N

ClientSampleId :

A0AQ2

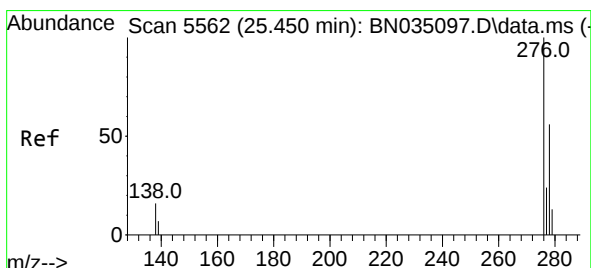
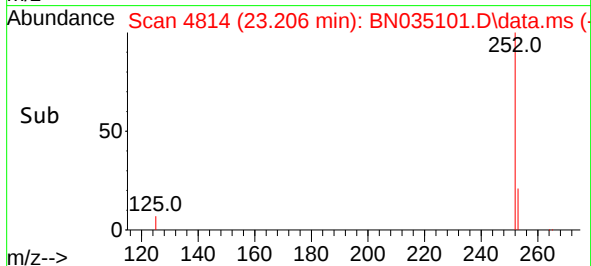
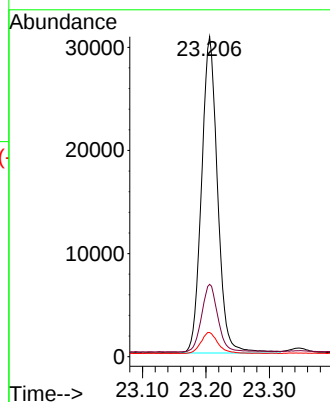
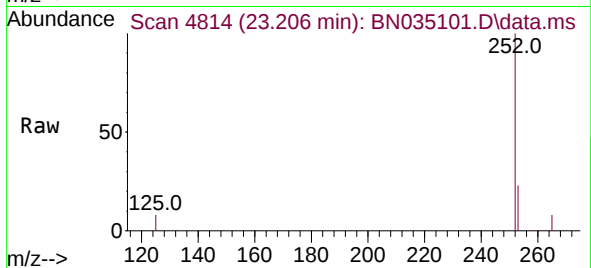
Tgt Ion:252 Resp: 53770

Ion Ratio Lower Upper

252 100

253 22.6 21.2 31.8

125 7.6 6.3 9.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.435 ng/ul

RT: 25.450 min Scan# 5562

Delta R.T. 0.003 min

Lab File: BN035101.D

Acq: 15 Nov 2024 12:13

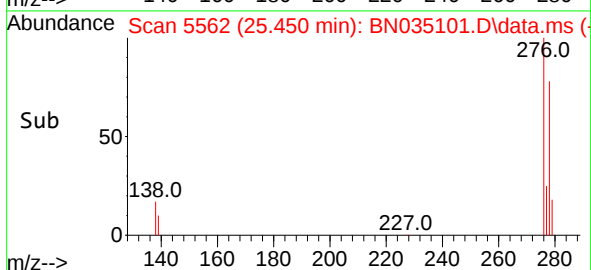
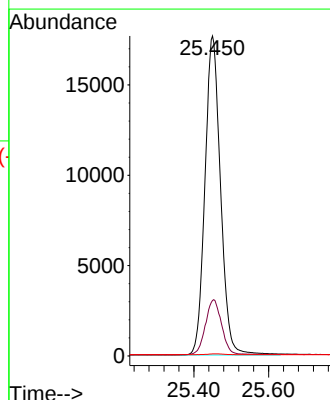
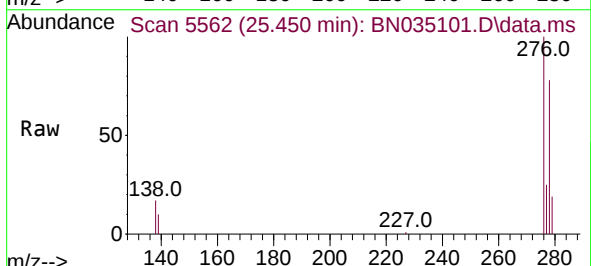
Tgt Ion:276 Resp: 51078

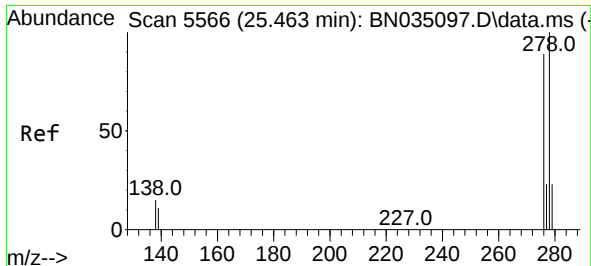
Ion Ratio Lower Upper

276 100

138 17.9 10.8 16.2

227 0.3 0.2 0.4

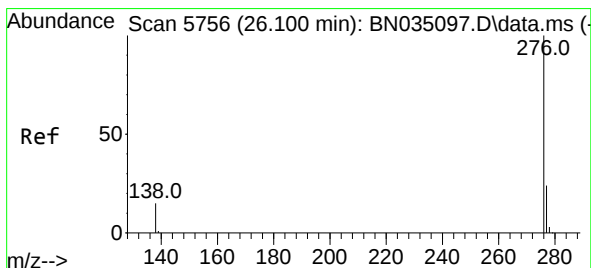
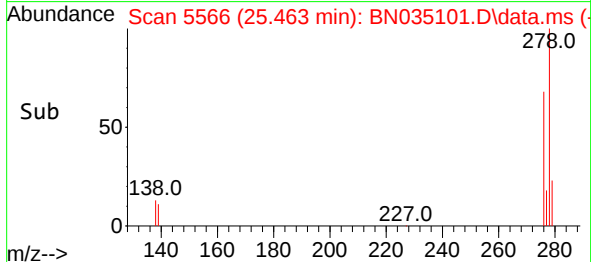
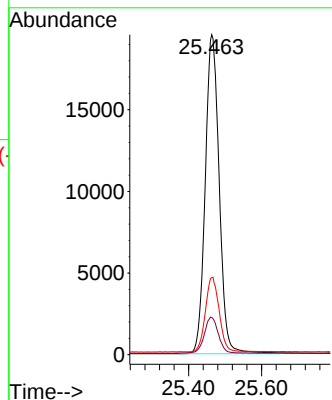
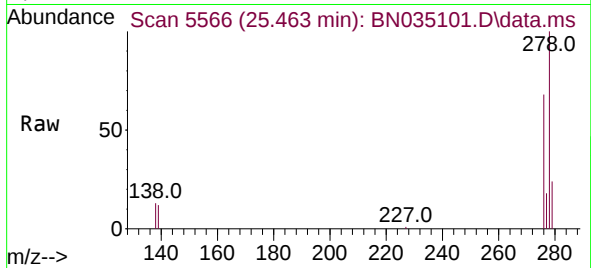




#28
 Dibenzo(a,h)anthracene
 Concen: 1.877 ng/ul
 RT: 25.463 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN035101.D
 Acq: 15 Nov 2024 12:13

Instrument :
 BNA_N
 ClientSampleId :
 A0AQ2

Tgt Ion:278 Resp: 52042
 Ion Ratio Lower Upper
 278 100
 139 11.6 8.4 12.6
 279 24.1 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 1.643 ng/ul
 RT: 26.097 min Scan# 5755
 Delta R.T. -0.000 min
 Lab File: BN035101.D
 Acq: 15 Nov 2024 12:13

Tgt Ion:276 Resp: 44662
 Ion Ratio Lower Upper
 276 100
 138 14.6 10.3 15.5
 277 23.9 20.2 30.2

