

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035315.D
 Acq On : 26 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4872-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

Quant Time: Nov 26 22:13:39 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 : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

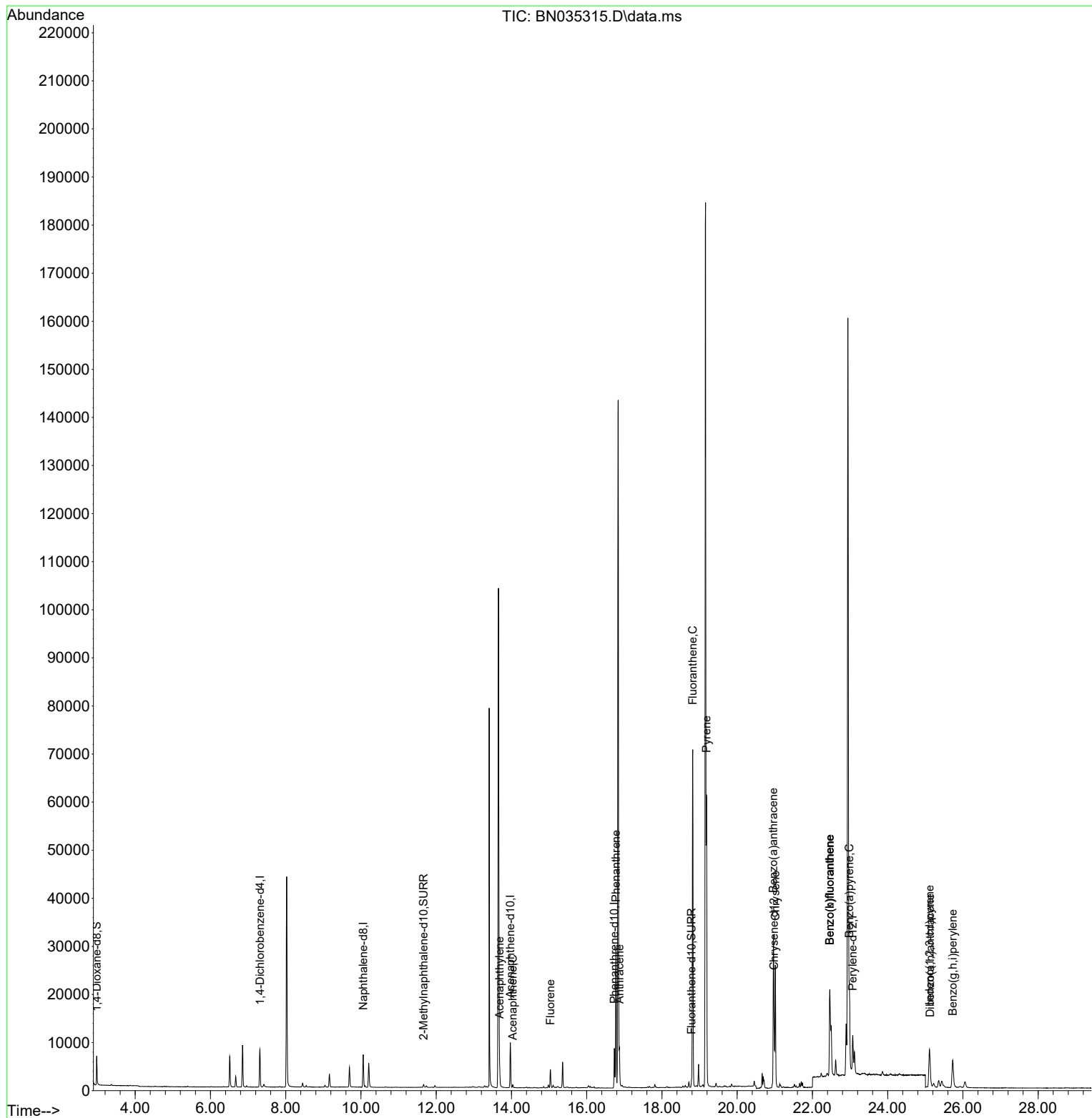
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	9206	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4847	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9462	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8425	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	10401	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	4069	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	854	0.063	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1830	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	4477	0.233	ng/ul	98
11) Acenaphthene	14.032	153	357	0.024	ng/ul#	90
12) Fluorene	15.036	166	2344	0.136	ng/ul	97
15) Phenanthrene	16.776	178	29390	1.175	ng/ul	99
16) Anthracene	16.869	178	7016	0.302	ng/ul	99
19) Fluoranthene	18.819	202	60616	2.067	ng/ul	97
20) Pyrene	19.186	202	50033	1.639	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	24814	0.849	ng/ul	94
22) Chrysene	21.014	228	23611	0.803	ng/ul	99
24) Benzo(b)fluoranthene	22.460	252	39564	1.151	ng/ul	95
25) Benzo(k)fluoranthene	22.460	252	39564	1.116	ng/ul	95
26) Benzo(a)pyrene	22.980	252	20384	0.649	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.111	276	13427	0.316	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.128	278	3460	0.104	ng/ul#	81
29) Benzo(g,h,i)perylene	25.728	276	11508	0.344	ng/ul#	94

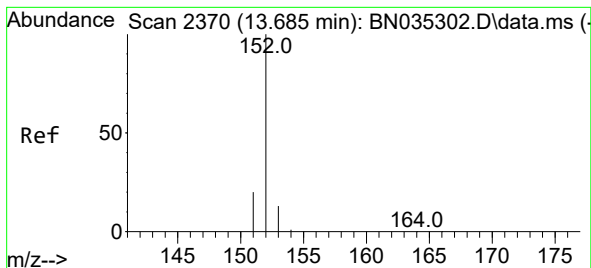
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN11624\
Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Quant Time: Nov 26 22:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.233 ng/ul

RT: 13.685 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

Instrument :

BNA_N

ClientSampleId :

E29Y6DL

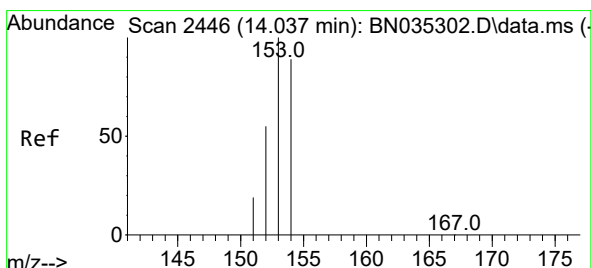
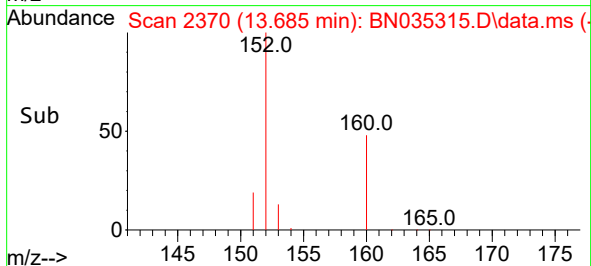
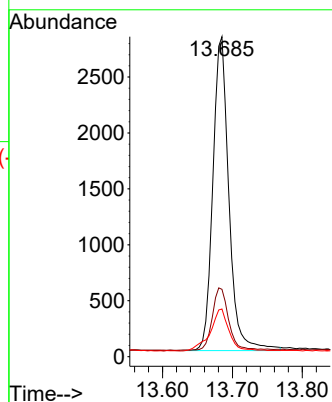
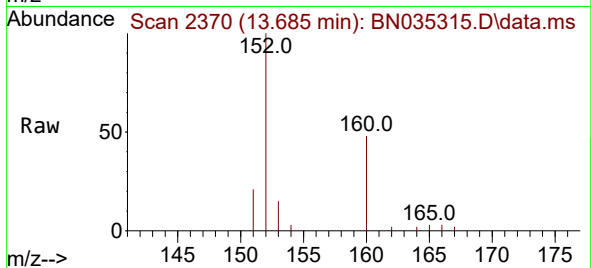
Tgt Ion:152 Resp: 4477

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.9 11.1 16.7



#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.032 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

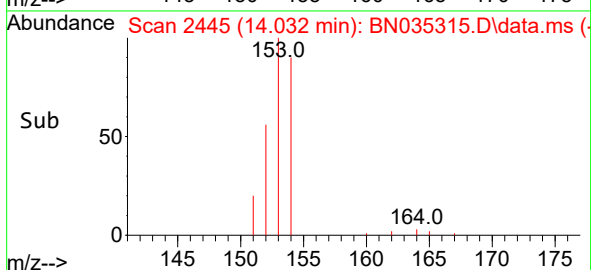
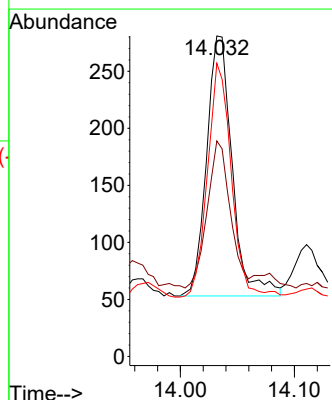
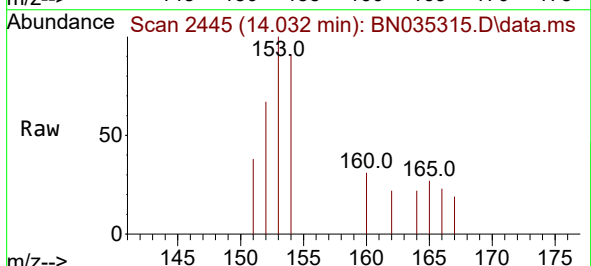
Tgt Ion:153 Resp: 357

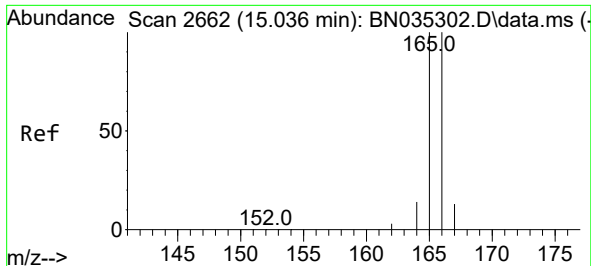
Ion Ratio Lower Upper

153 100

152 67.3 41.4 62.0#

154 91.5 71.2 106.8

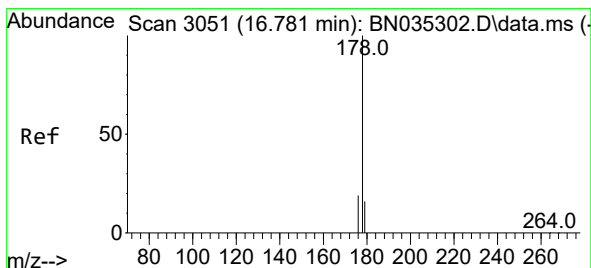
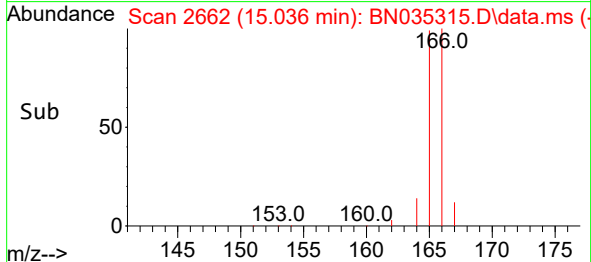
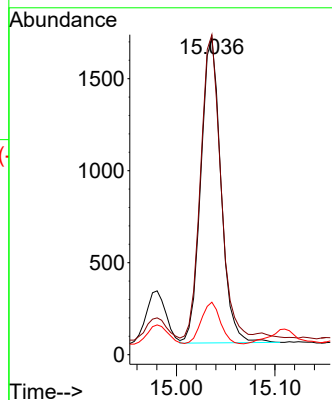
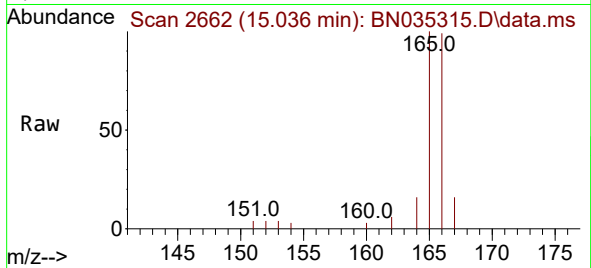




#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.036 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

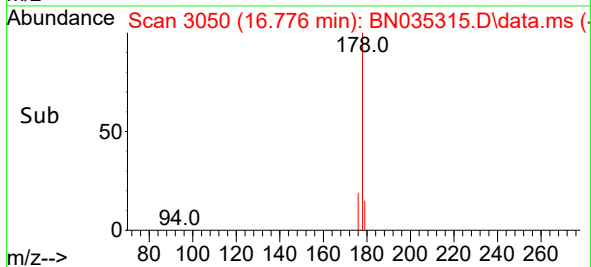
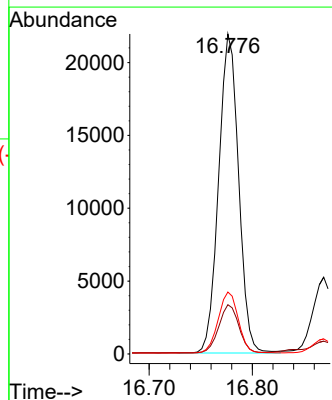
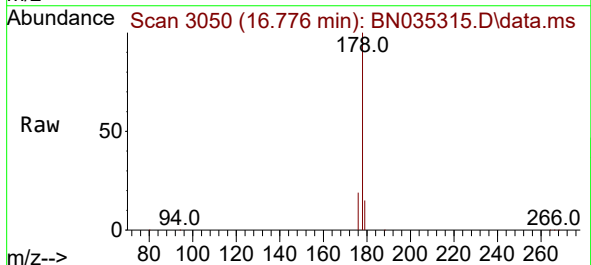
Instrument :
BNA_N
ClientSampleId :
E29Y6DL

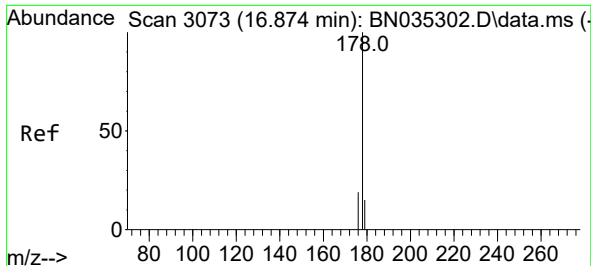
Tgt Ion:166 Resp: 2344
Ion Ratio Lower Upper
166 100
165 101.0 78.6 118.0
167 16.6 11.8 17.6



#15
Phenanthrene
Concen: 1.175 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

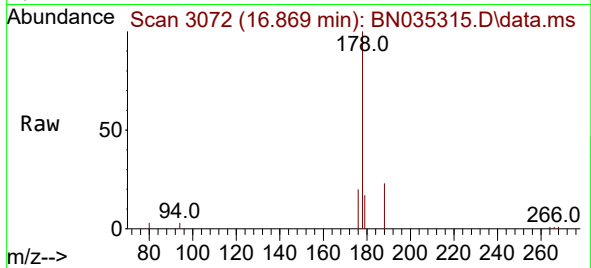
Tgt Ion:178 Resp: 29390
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.3 15.6 23.4



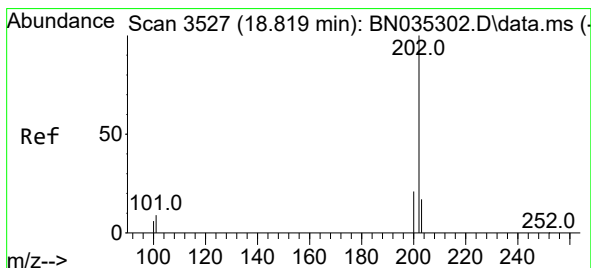
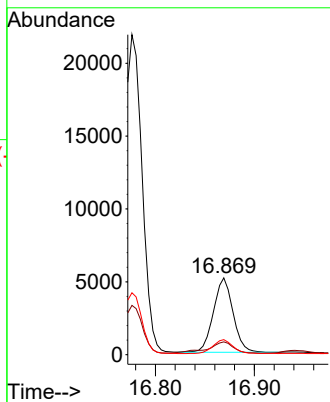
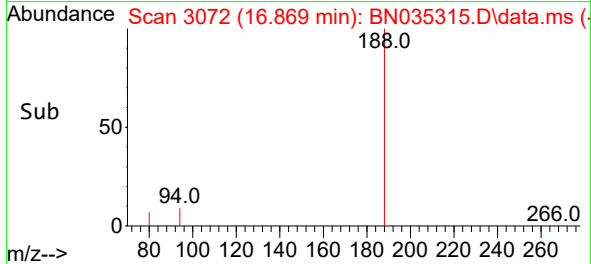


#16
 Anthracene
 Concen: 0.302 ng/ul
 RT: 16.869 min Scan# 3072
 Delta R.T. -0.004 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

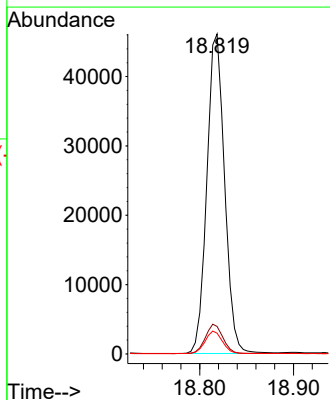
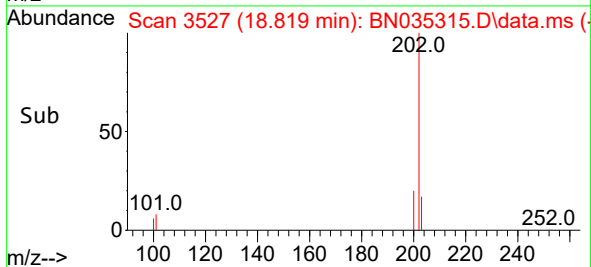
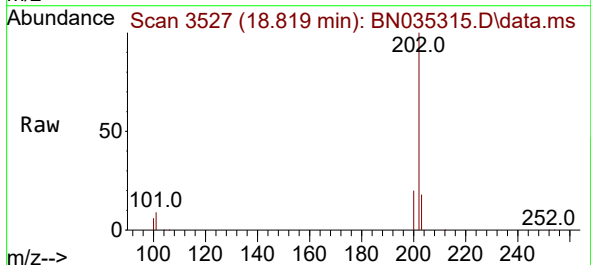


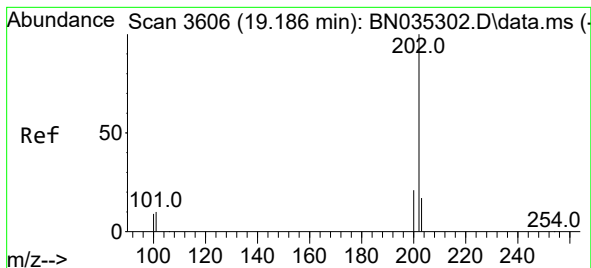
Tgt Ion:178 Resp: 7016
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.9 19.3
 176 19.5 15.4 23.2



#19
 Fluoranthene
 Concen: 2.067 ng/ul
 RT: 18.819 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Tgt Ion:202 Resp: 60616
 Ion Ratio Lower Upper
 202 100
 101 8.6 5.8 8.6
 100 6.5 4.5 6.7





#20

Pyrene

Concen: 1.639 ng/ul

RT: 19.186 min Scan# 3606

Delta R.T. -0.000 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

Instrument :

BNA_N

ClientSampleId :

E29Y6DL

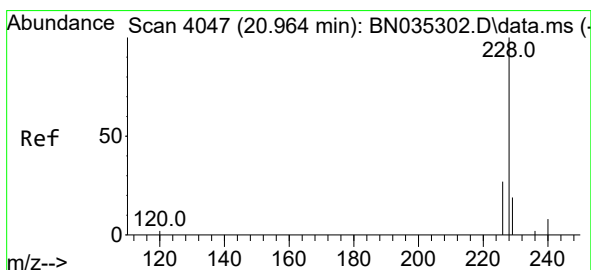
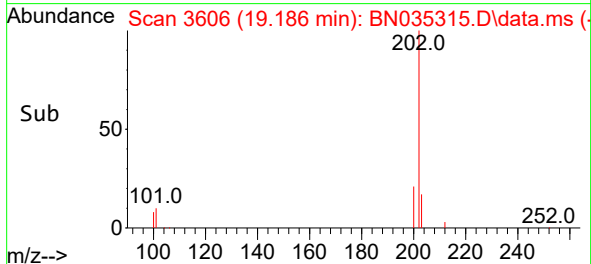
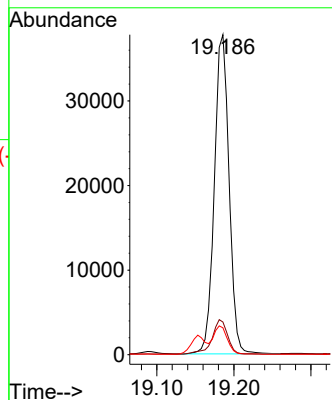
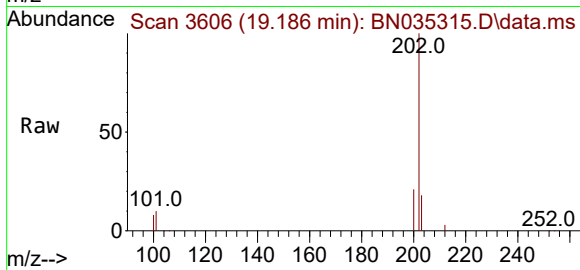
Tgt Ion:202 Resp: 50033

Ion Ratio Lower Upper

202 100

101 10.2 6.2 9.4#

100 8.4 5.1 7.7#



#21

Benzo(a)anthracene

Concen: 0.849 ng/ul

RT: 20.961 min Scan# 4046

Delta R.T. -0.003 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

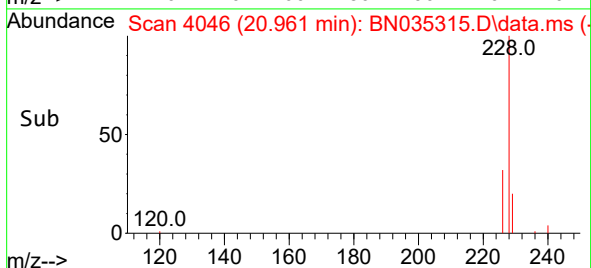
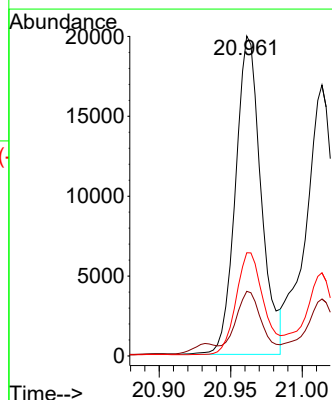
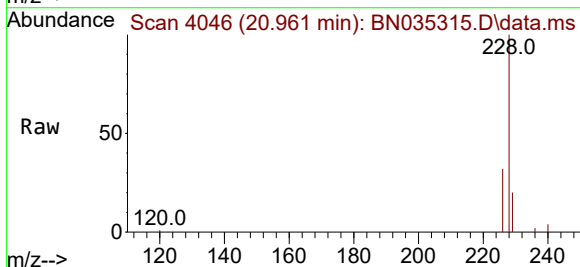
Tgt Ion:228 Resp: 24814

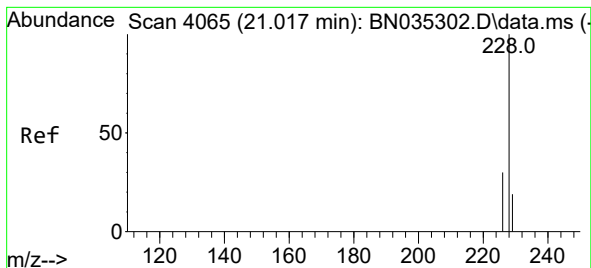
Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.8

226 32.3 21.8 32.8





#22

Chrysene

Concen: 0.803 ng/ul

RT: 21.014 min Scan# 4064

Delta R.T. -0.003 min

Lab File: BN035315.D

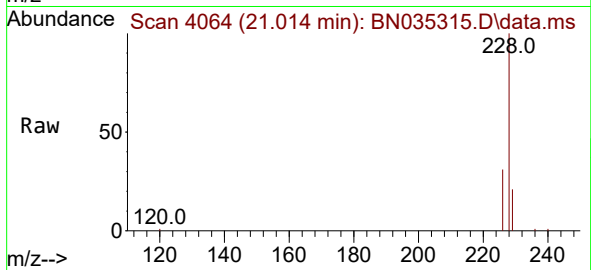
Acq: 26 Nov 2024 14:27

Instrument :

BNA_N

ClientSampleId :

E29Y6DL



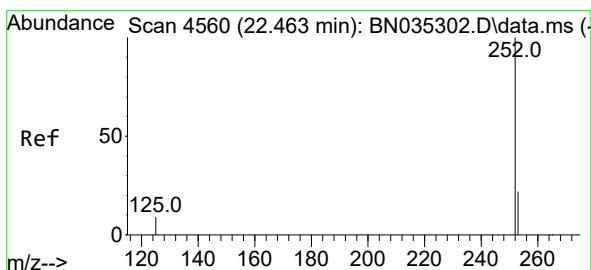
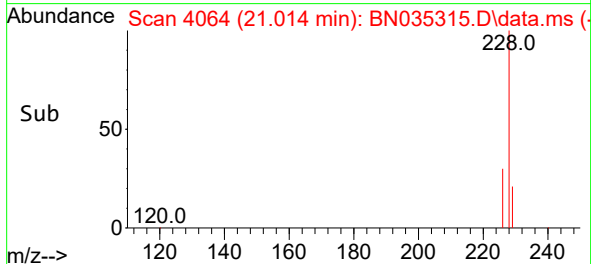
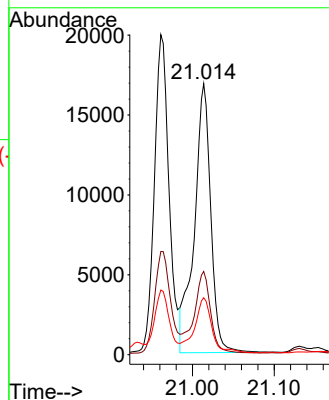
Tgt Ion:228 Resp: 23611

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 21.0 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 1.151 ng/ul

RT: 22.460 min Scan# 4559

Delta R.T. -0.003 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

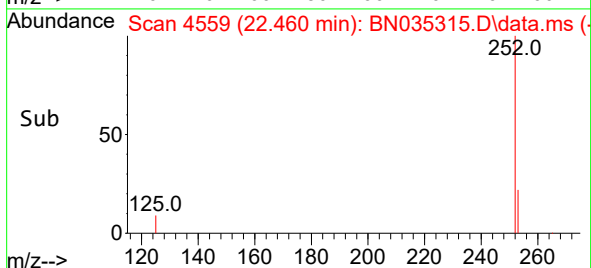
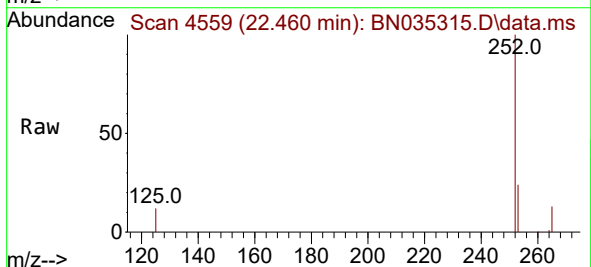
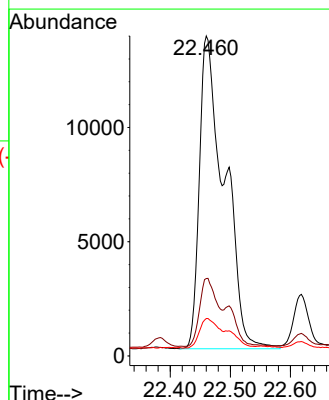
Tgt Ion:252 Resp: 39564

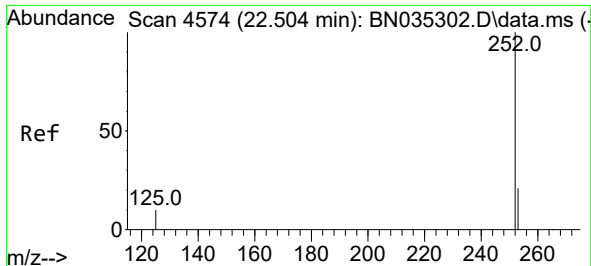
Ion Ratio Lower Upper

252 100

253 24.2 0.0 54.0

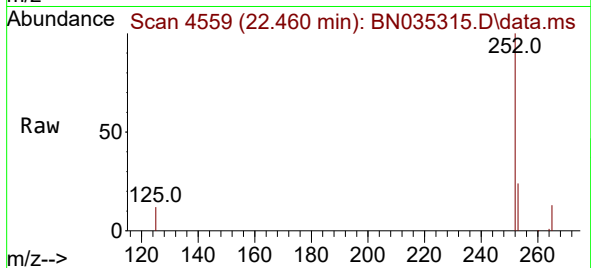
125 11.7 0.0 19.4



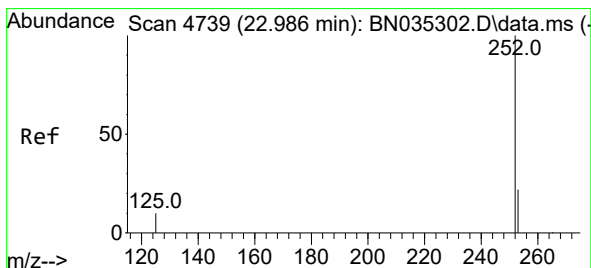
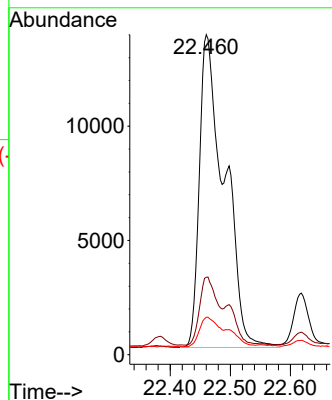


#25
Benzo(k)fluoranthene
Concen: 1.116 ng/ul
RT: 22.460 min Scan# 4559
Delta R.T. -0.044 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

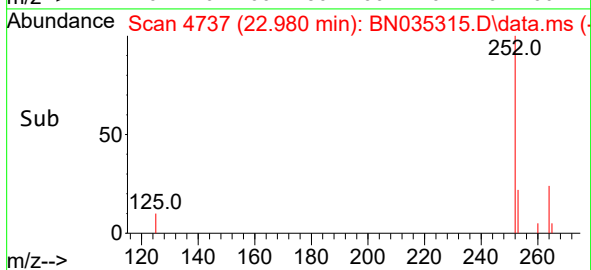
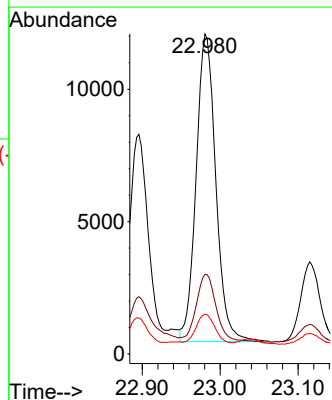
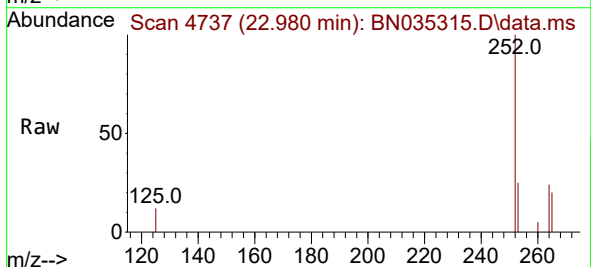


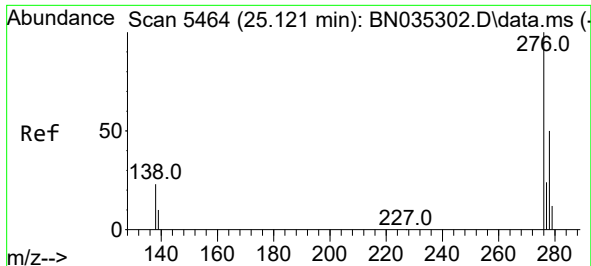
Tgt Ion:252 Resp: 39564
Ion Ratio Lower Upper
252 100
253 24.2 21.8 32.6
125 11.7 8.6 12.8



#26
Benzo(a)pyrene
Concen: 0.649 ng/ul
RT: 22.980 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

Tgt Ion:252 Resp: 20384
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 12.5 9.4 14.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.316 ng/ul

RT: 25.111 min Scan# 5461

Delta R.T. -0.010 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

Instrument :

BNA_N

ClientSampleId :

E29Y6DL

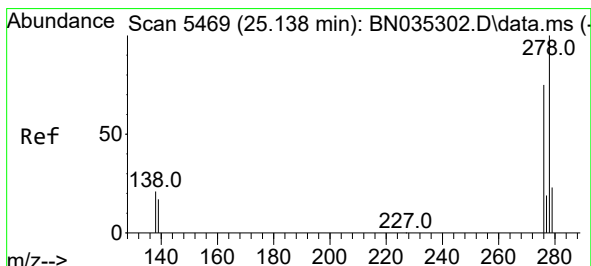
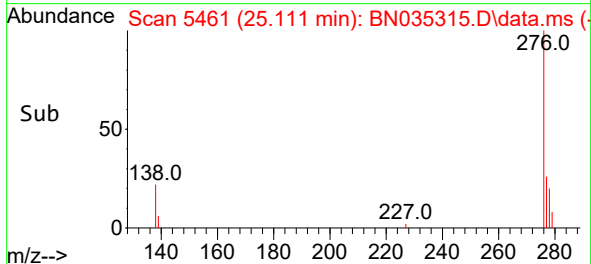
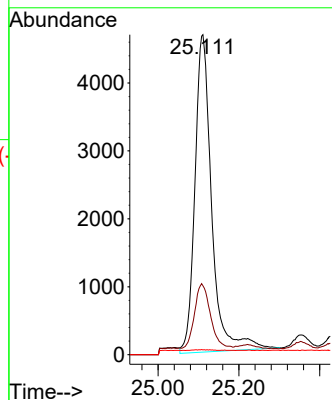
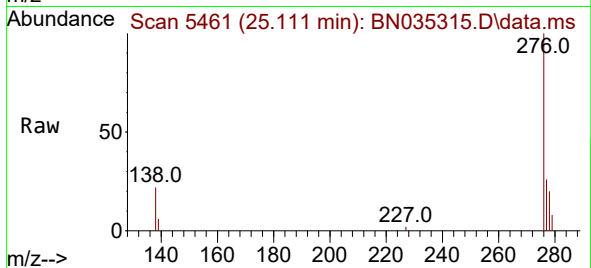
Tgt Ion:276 Resp: 13427

Ion Ratio Lower Upper

276 100

138 24.7 13.8 20.8#

227 8.8 0.2 0.4#



#28

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

RT: 25.128 min Scan# 5466

Delta R.T. -0.010 min

Lab File: BN035315.D

Acq: 26 Nov 2024 14:27

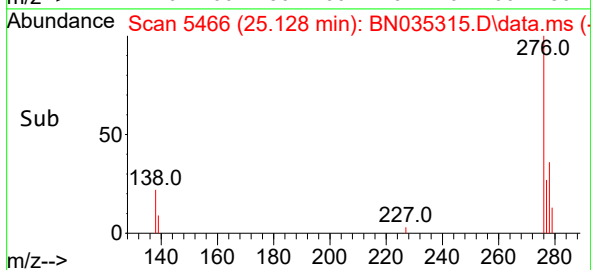
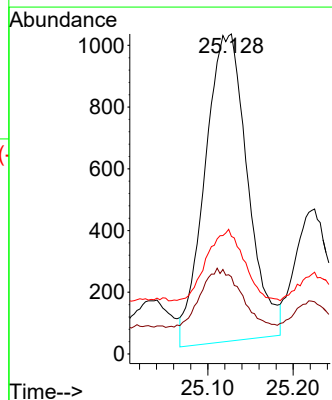
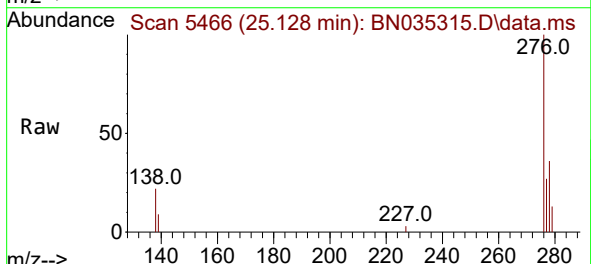
Tgt Ion:278 Resp: 3460

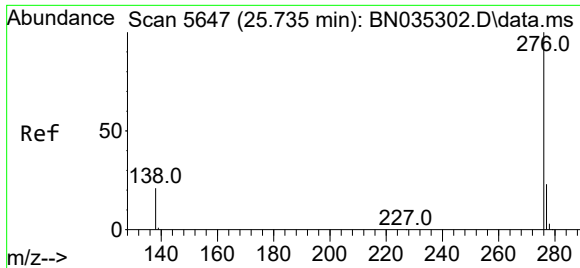
Ion Ratio Lower Upper

278 100

139 24.1 10.7 16.1#

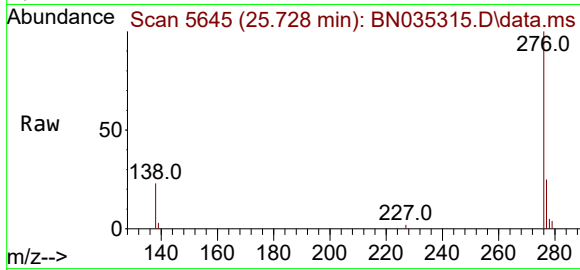
279 36.7 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.344 ng/ul
 RT: 25.728 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL



Tgt Ion:	276	Resp:	11508
Ion Ratio	Lower	Upper	
276	100		
138	22.9	13.0	19.6#
277	25.4	20.5	30.7

