

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032509.D
 Acq On : 05 Jul 2024 14:36
 Operator : MA/JU
 Sample : P2982-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP5

Quant Time: Jul 05 15:02:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

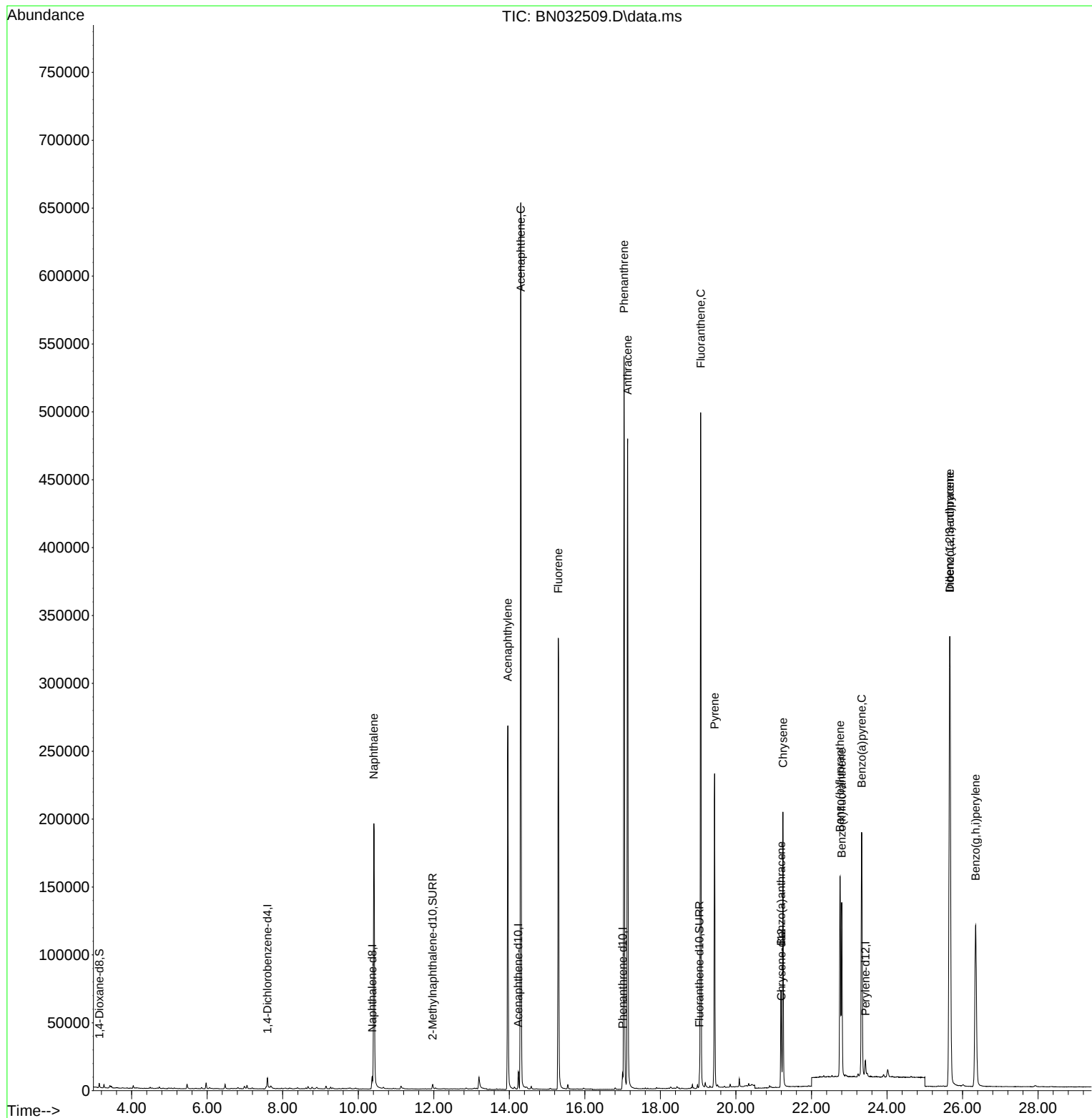
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	4677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	13838	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.238	164	7337	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.998	188	14098	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	13067	0.400	ng/ul	# 0.00
23) Perylene-d12	23.428	264	15432	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2271	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	5586	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	12765	0.325	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.413	128	294522	8.042	ng/ul	99
10) Acenaphthylene	13.960	152	309127	10.130	ng/ul	99
11) Acenaphthene	14.302	153	389285	16.437	ng/ul	98
12) Fluorene	15.297	166	227627	8.066	ng/ul	99
15) Phenanthrene	17.040	178	604285	15.634	ng/ul	99
16) Anthracene	17.133	178	554159	16.074	ng/ul	99
19) Fluoranthene	19.067	202	432642	8.695	ng/ul	98
20) Pyrene	19.434	202	196732	3.783	ng/ul	99
21) Benzo(a)anthracene	21.192	228	61249	1.299	ng/ul	99
22) Chrysene	21.245	228	181937	3.515	ng/ul	99
24) Benzo(b)fluoranthene	22.759	252	195561	2.917	ng/ul	94
25) Benzo(k)fluoranthene	22.803	252	160953	2.471	ng/ul	96
26) Benzo(a)pyrene	23.329	252	267277	5.730	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.661	276	341619	4.677	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.665	278	324986	5.988	ng/ul	96
29) Benzo(g,h,i)perylene	26.349	276	246898	4.244	ng/ul	97

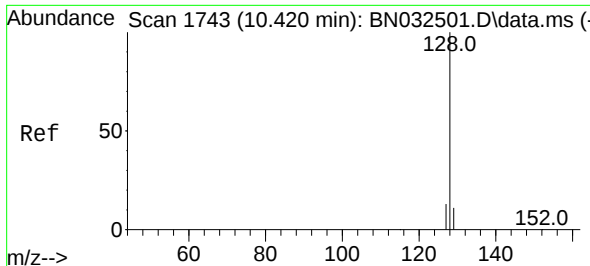
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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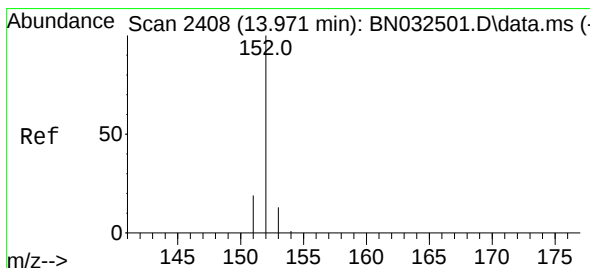
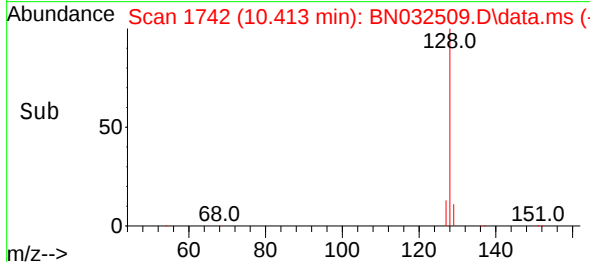
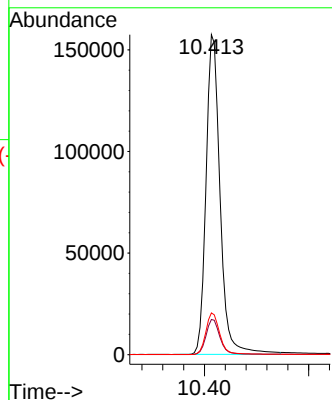
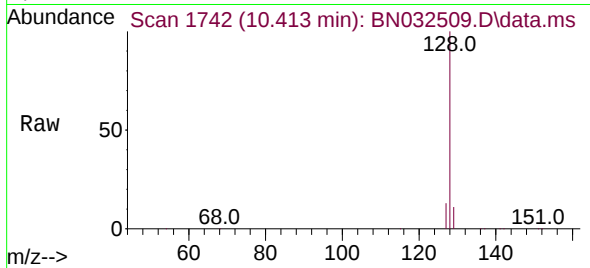




#5
Naphthalene
Concen: 8.042 ng/ul
RT: 10.413 min Scan# 1743
Delta R.T. -0.018 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

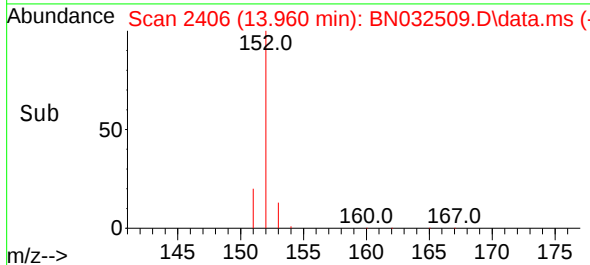
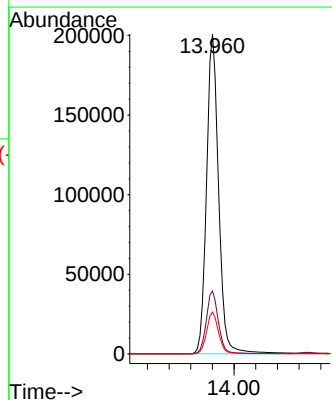
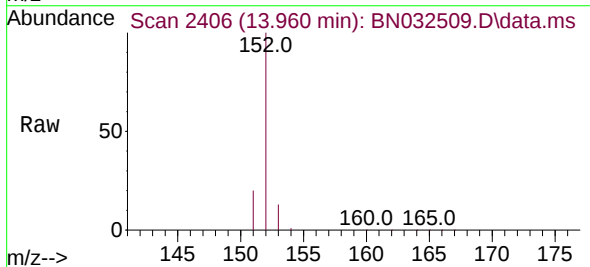
Instrument :
BNA_N
ClientSampleId :
A4DP5

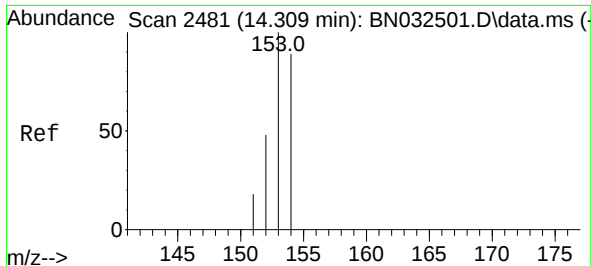
Tgt Ion:128 Resp: 294522
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2



#10
Acenaphthylene
Concen: 10.130 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

Tgt Ion:152 Resp: 309127
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.9 16.3

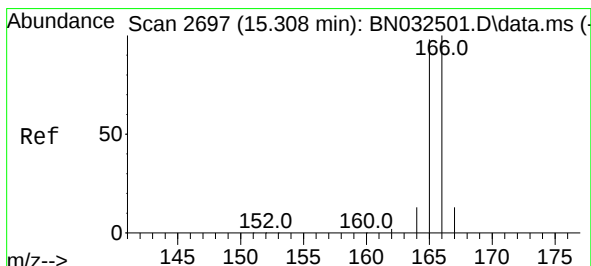
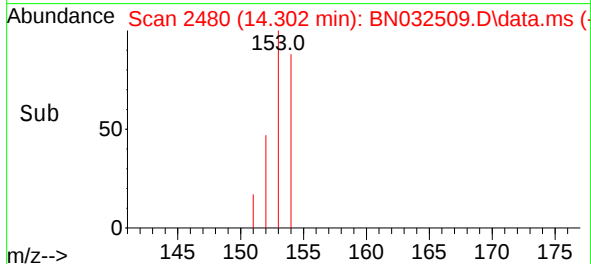
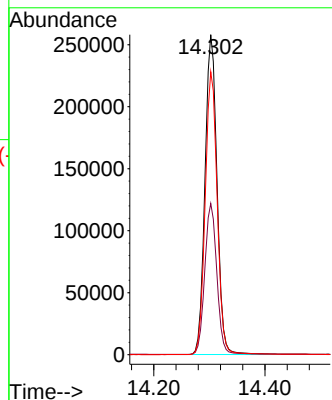
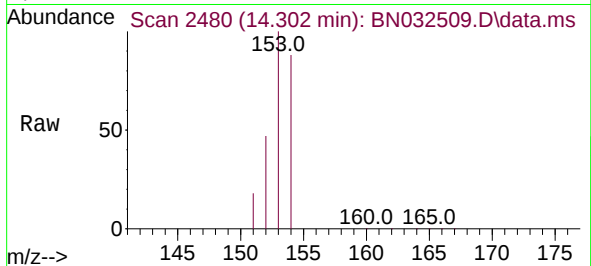




#11
Acenaphthene
Concen: 16.437 ng/ul
RT: 14.302 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

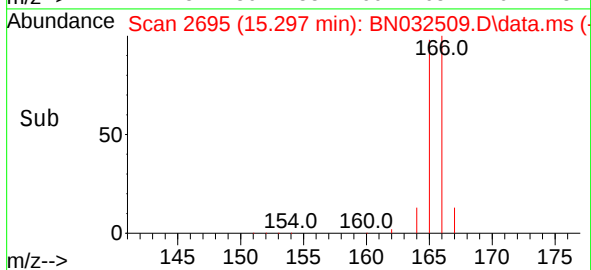
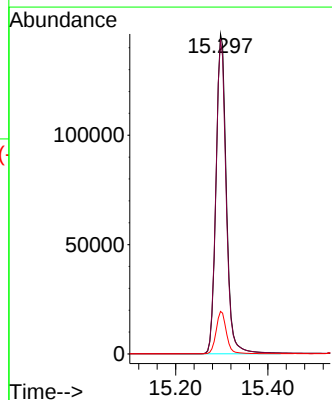
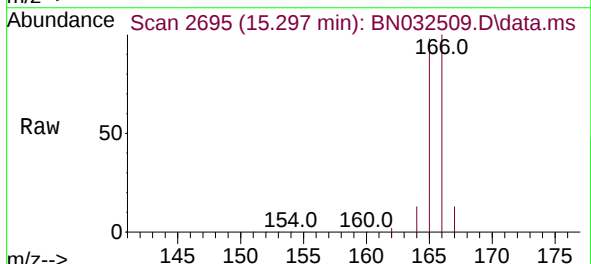
Instrument :
BNA_N
ClientSampleId :
A4DP5

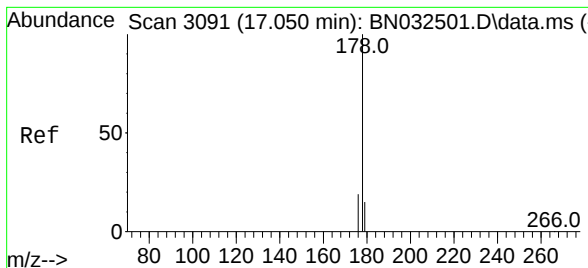
Tgt Ion:153 Resp: 389285
Ion Ratio Lower Upper
153 100
152 47.3 39.5 59.3
154 88.4 71.7 107.5



#12
Fluorene
Concen: 8.066 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

Tgt Ion:166 Resp: 227627
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 13.3 11.0 16.6





#15

Phenanthrene

Concen: 15.634 ng/ul

RT: 17.040 min Scan# 3091

Delta R.T. -0.010 min

Lab File: BN032509.D

Acq: 05 Jul 2024 14:36

Instrument :

BNA_N

ClientSampleId :

A4DP5

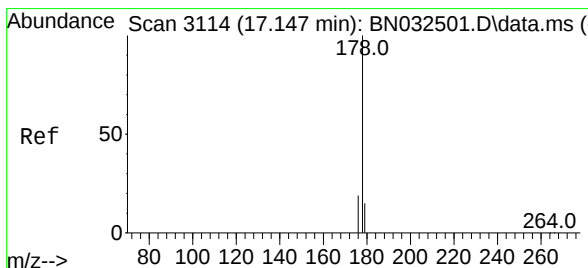
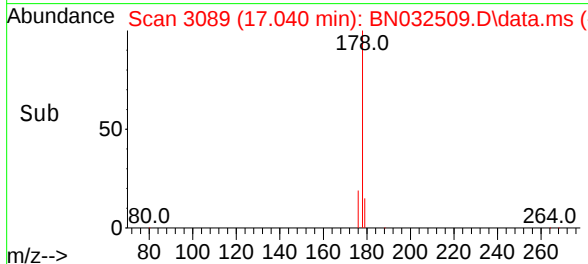
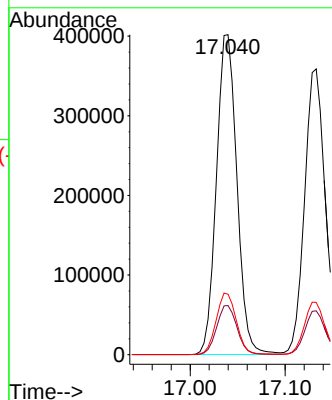
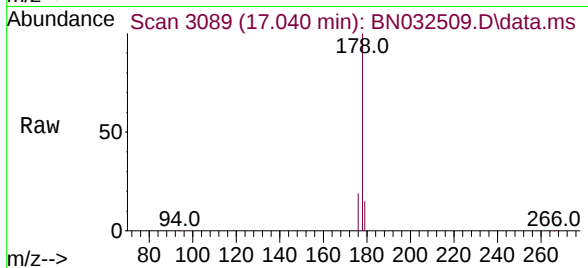
Tgt Ion:178 Resp: 604285

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 18.9 15.6 23.4



#16

Anthracene

Concen: 16.074 ng/ul

RT: 17.133 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BN032509.D

Acq: 05 Jul 2024 14:36

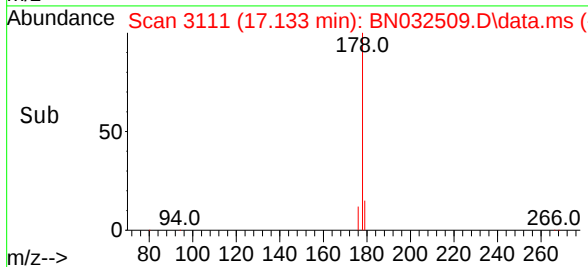
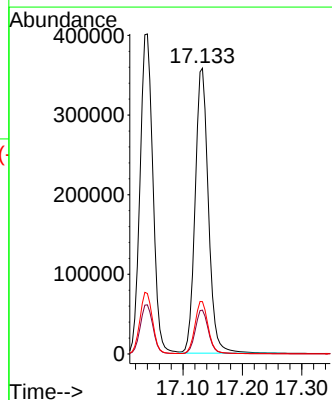
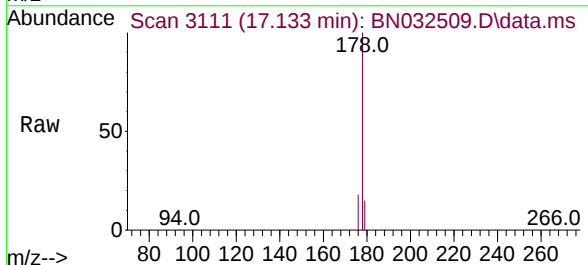
Tgt Ion:178 Resp: 554159

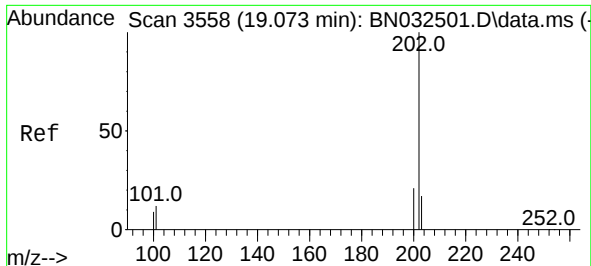
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.3 15.0 22.6





#19

Fluoranthene

Concen: 8.695 ng/ul

RT: 19.067 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BN032509.D

Acq: 05 Jul 2024 14:36

Instrument :

BNA_N

ClientSampleId :

A4DP5

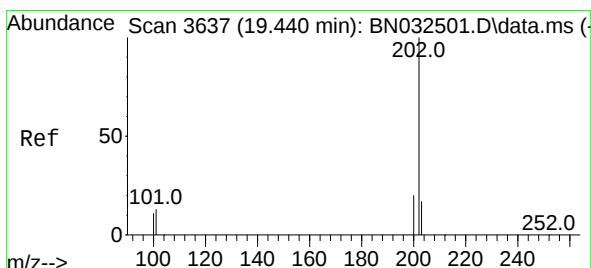
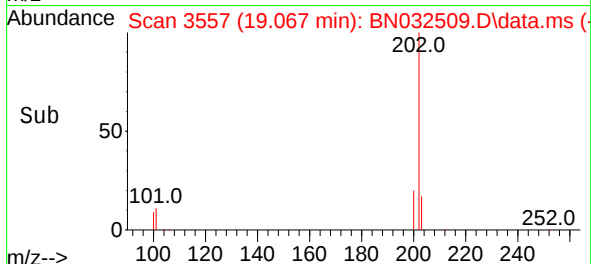
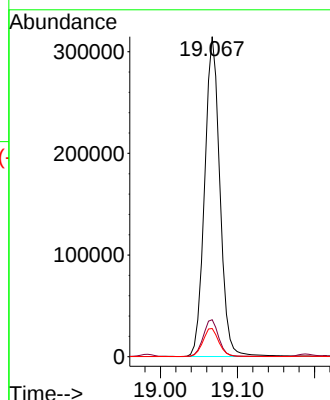
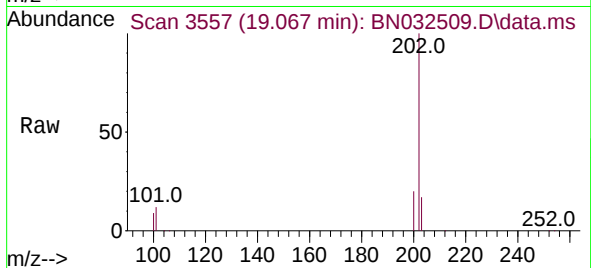
Tgt Ion:202 Resp: 432642

Ion Ratio Lower Upper

202 100

101 11.6 8.8 13.2

100 8.8 6.4 9.6



#20

Pyrene

Concen: 3.783 ng/ul

RT: 19.434 min Scan# 3636

Delta R.T. -0.006 min

Lab File: BN032509.D

Acq: 05 Jul 2024 14:36

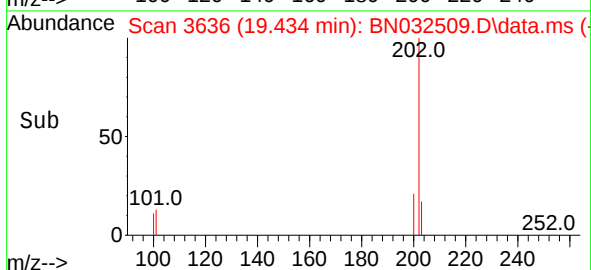
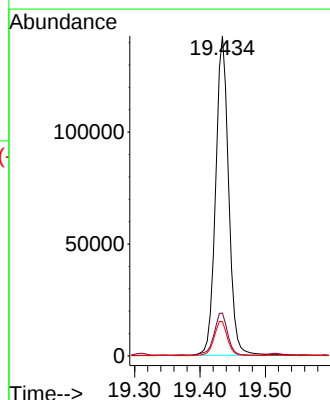
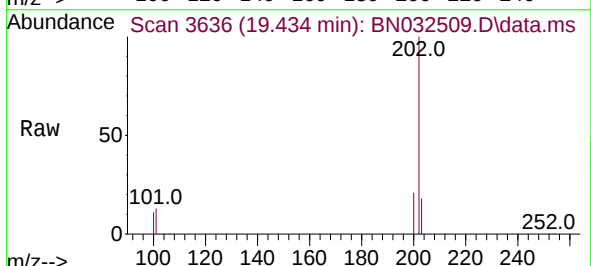
Tgt Ion:202 Resp: 196732

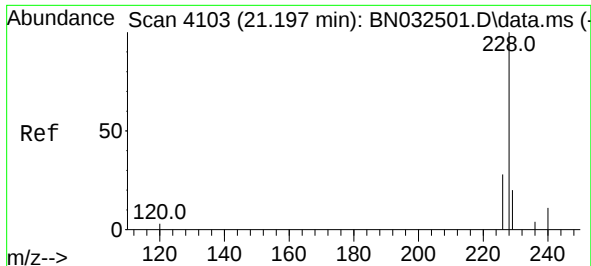
Ion Ratio Lower Upper

202 100

101 13.4 11.0 16.4

100 10.7 8.7 13.1

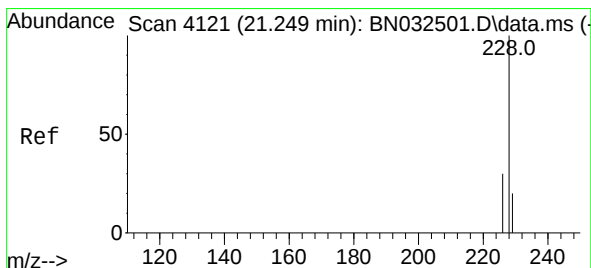
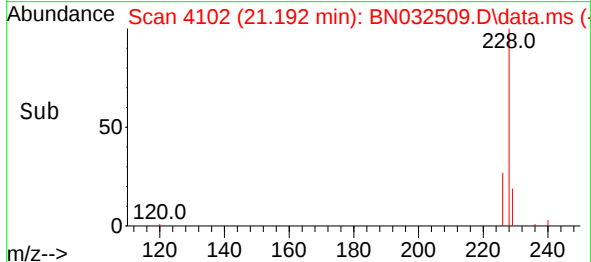
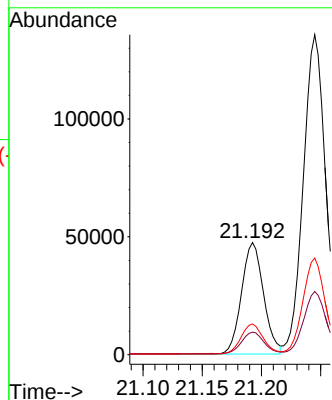
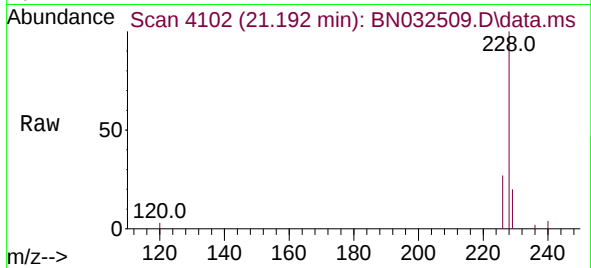




#21
Benzo(a)anthracene
Concen: 1.299 ng/ul
RT: 21.192 min Scan# 4102
Delta R.T. 0.001 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

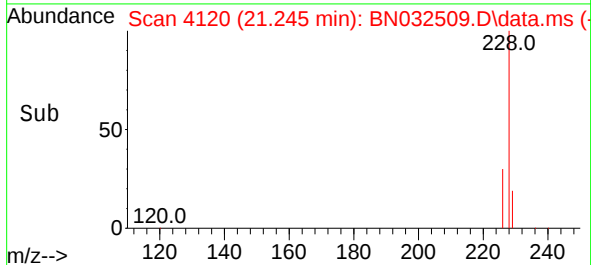
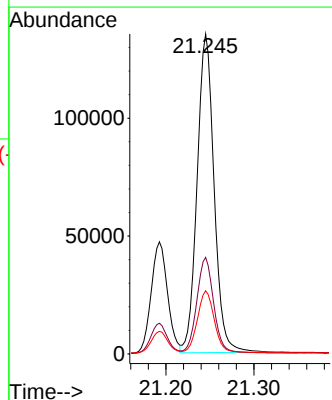
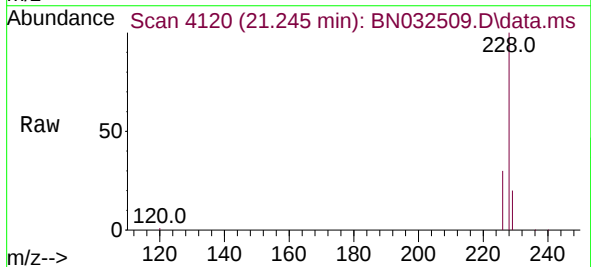
Instrument :
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A4DP5

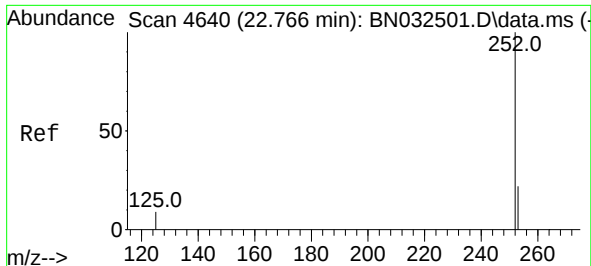
Tgt Ion:228 Resp: 61249
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.5 21.8 32.8



#22
Chrysene
Concen: 3.515 ng/ul
RT: 21.245 min Scan# 4120
Delta R.T. 0.001 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

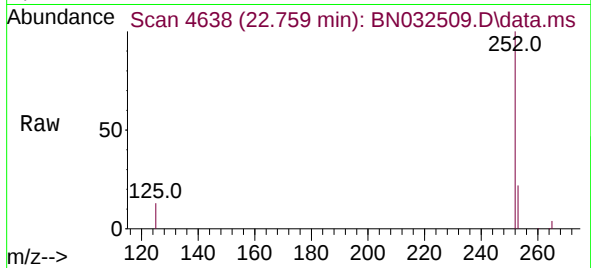
Tgt Ion:228 Resp: 181937
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 19.7 15.7 23.5



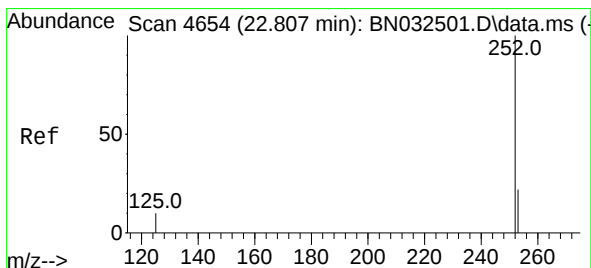
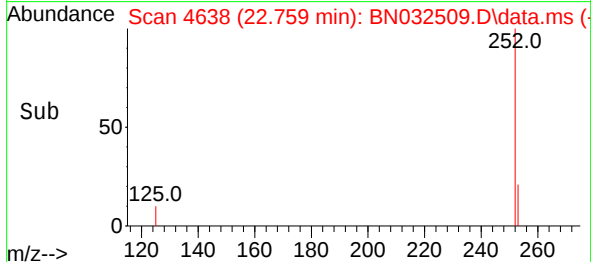
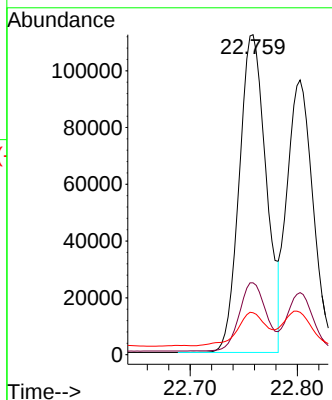


#24
Benzo(b)fluoranthene
Concen: 2.917 ng/ul
RT: 22.759 min Scan# 4638
Delta R.T. 0.001 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

Instrument :
BNA_N
ClientSampleId :
A4DP5

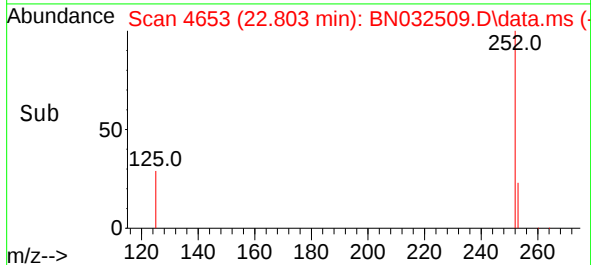
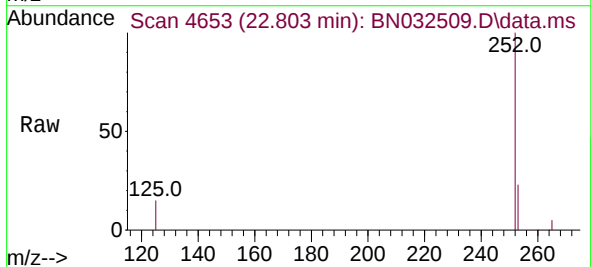
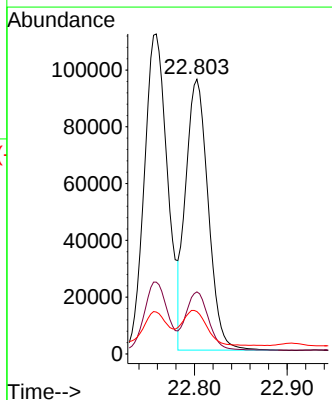


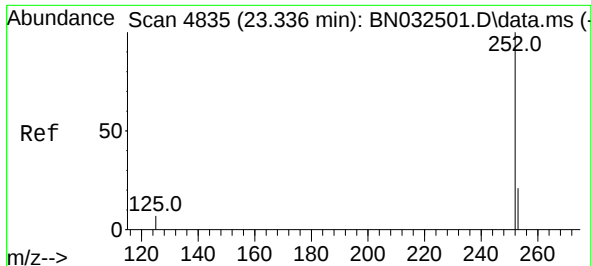
Tgt Ion:252 Resp: 195561
Ion Ratio Lower Upper
252 100
253 22.5 0.0 50.2
125 13.1 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 2.471 ng/ul
RT: 22.803 min Scan# 4653
Delta R.T. 0.001 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

Tgt Ion:252 Resp: 160953
Ion Ratio Lower Upper
252 100
253 22.6 20.3 30.5
125 15.4 12.8 19.2

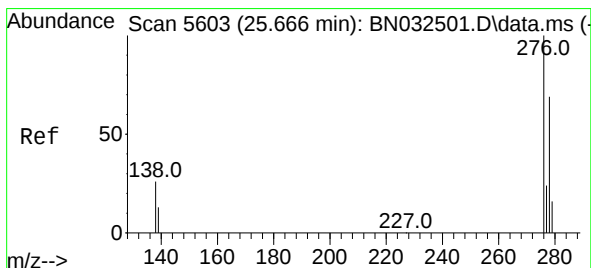
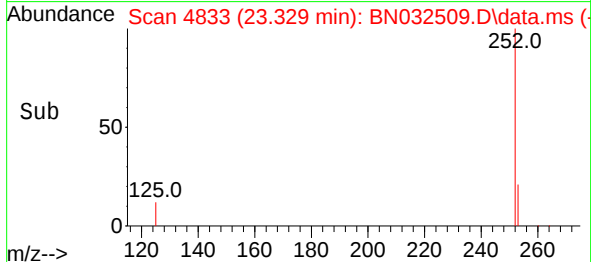
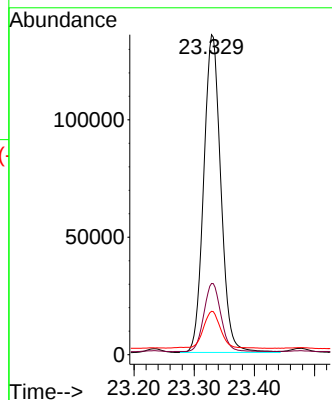
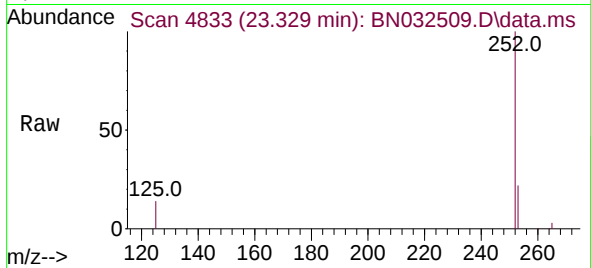




#26
Benzo(a)pyrene
Concen: 5.730 ng/ul
RT: 23.329 min Scan# 4833
Delta R.T. 0.001 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

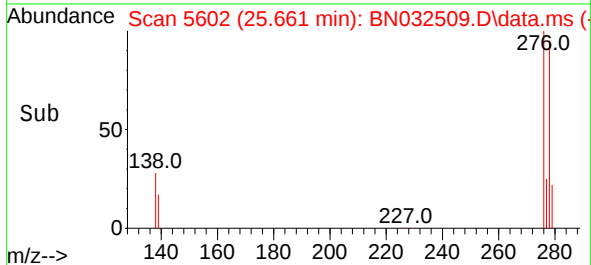
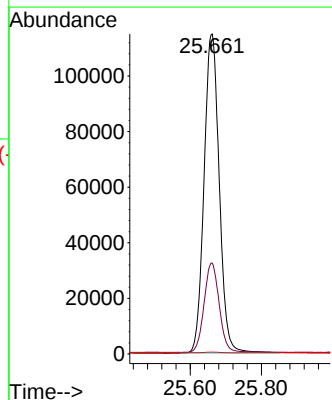
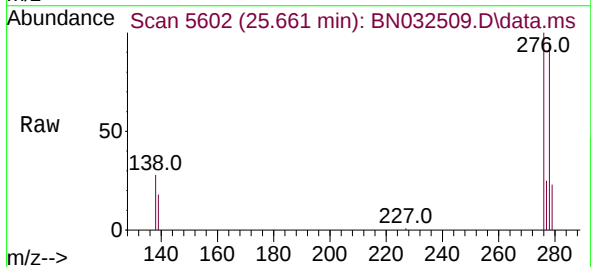
Instrument :
BNA_N
ClientSampleId :
A4DP5

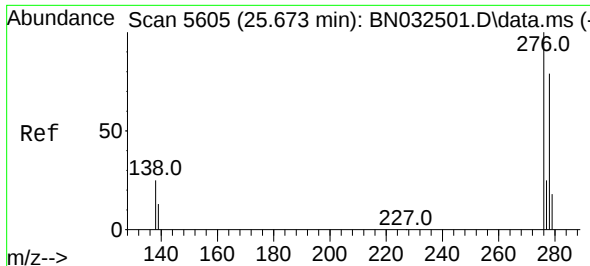
Tgt Ion:252 Resp: 267277
Ion Ratio Lower Upper
252 100
253 22.2 22.2 33.2
125 13.6 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.677 ng/ul
RT: 25.661 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BN032509.D
Acq: 05 Jul 2024 14:36

Tgt Ion:276 Resp: 341619
Ion Ratio Lower Upper
276 100
138 27.7 21.3 31.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 5.988 ng/ul

RT: 25.665 min Scan# 5603

Delta R.T. -0.001 min

Lab File: BN032509.D

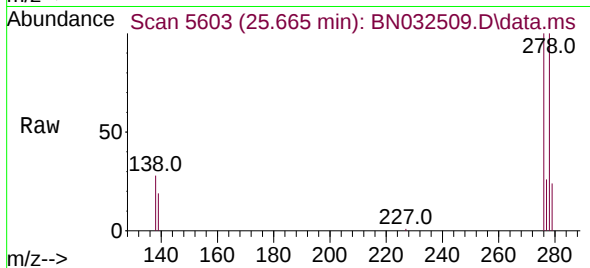
Acq: 05 Jul 2024 14:36

Instrument :

BNA_N

ClientSampleId :

A4DP5



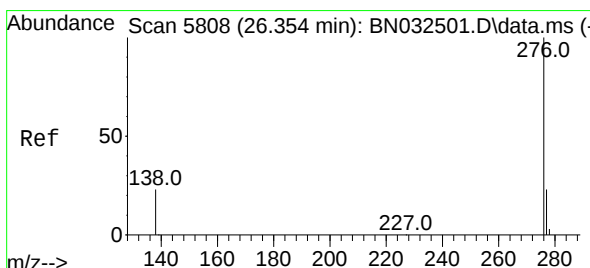
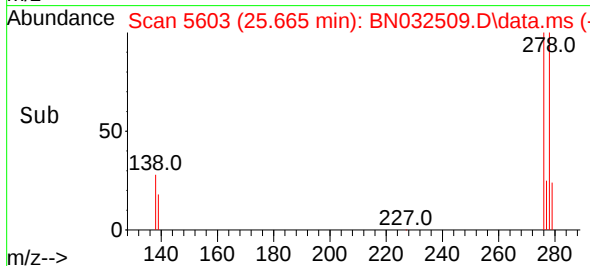
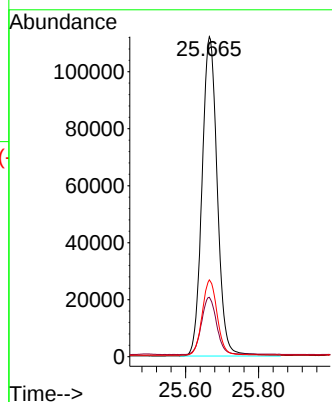
Tgt Ion:278 Resp: 324986

Ion Ratio Lower Upper

278 100

139 18.6 15.9 23.9

279 24.0 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 4.244 ng/ul

RT: 26.349 min Scan# 5807

Delta R.T. 0.005 min

Lab File: BN032509.D

Acq: 05 Jul 2024 14:36

Tgt Ion:276 Resp: 246898

Ion Ratio Lower Upper

276 100

138 23.0 19.8 29.6

277 23.8 19.8 29.6

