

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032504.D
 Acq On : 05 Jul 2024 11:23
 Operator : MA/JU
 Sample : P3010-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP7

Quant Time: Jul 05 11:56:27 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)

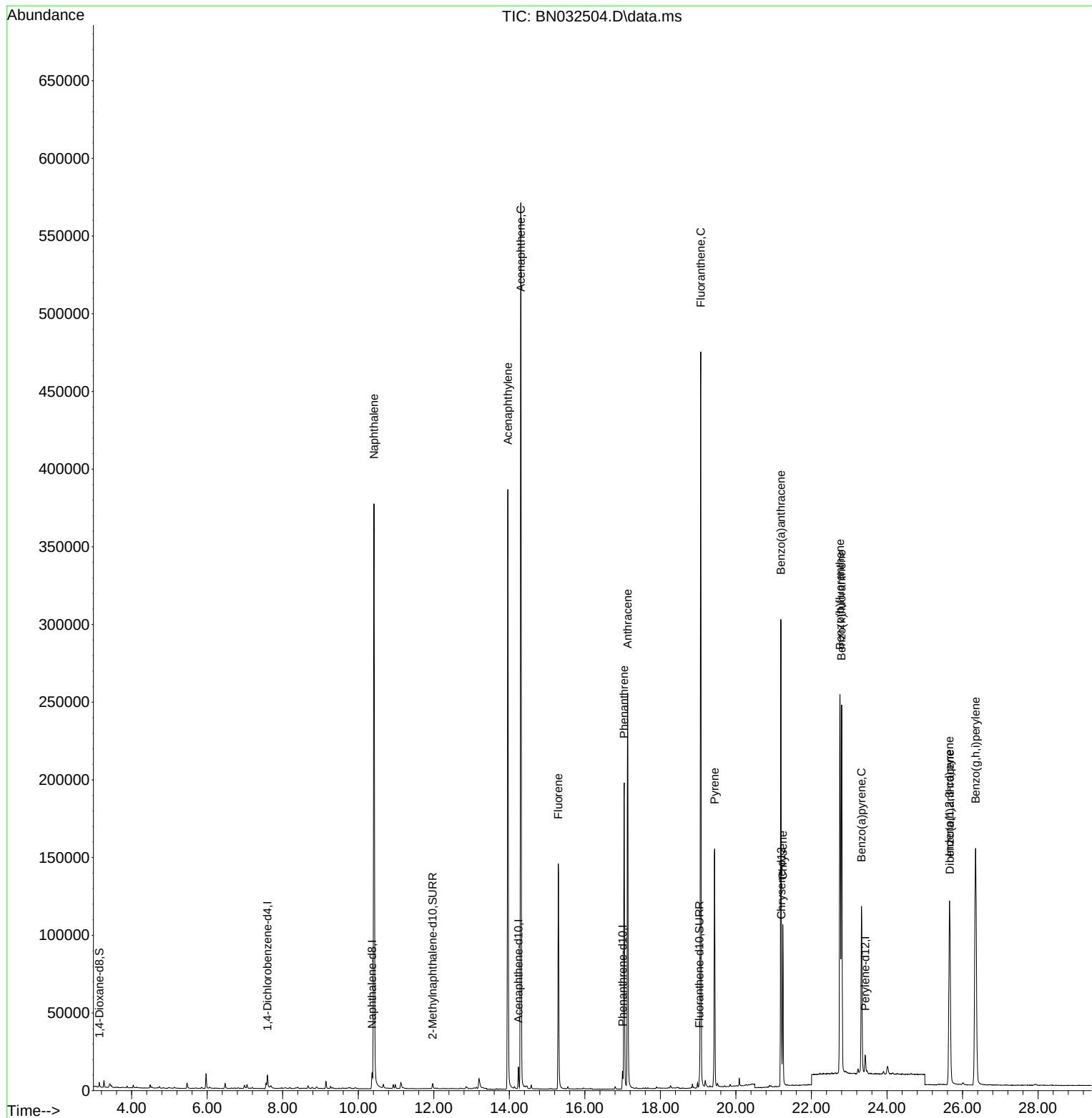
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	4954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	15089	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.244	164	7909	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	14231	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.206	240	12524	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	15360	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2003	0.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	5073	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	10660	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	547713	13.716	ng/ul	99
10) Acenaphthylene	13.962	152	440805	13.401	ng/ul	99
11) Acenaphthene	14.304	153	342432	13.413	ng/ul	98
12) Fluorene	15.299	166	100721	3.311	ng/ul	99
15) Phenanthrene	17.041	178	220115	5.642	ng/ul	99
16) Anthracene	17.134	178	289726	8.325	ng/ul	99
19) Fluoranthene	19.069	202	418559	8.777	ng/ul	99
20) Pyrene	19.436	202	135966	2.728	ng/ul	99
21) Benzo(a)anthracene	21.191	228	262733	5.812	ng/ul	100
22) Chrysene	21.244	228	97907	1.973	ng/ul	99
24) Benzo(b)fluoranthene	22.757	252	315078	4.721	ng/ul	93
25) Benzo(k)fluoranthene	22.798	252	292410	4.510	ng/ul	94
26) Benzo(a)pyrene	23.327	252	156651	3.374	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.656	276	184573	2.539	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.666	278	50658	0.938	ng/ul#	94
29) Benzo(g,h,i)perylene	26.347	276	327016	5.647	ng/ul	97

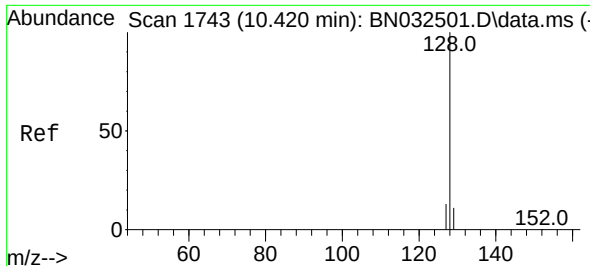
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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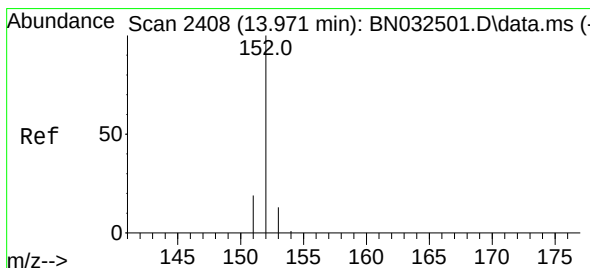
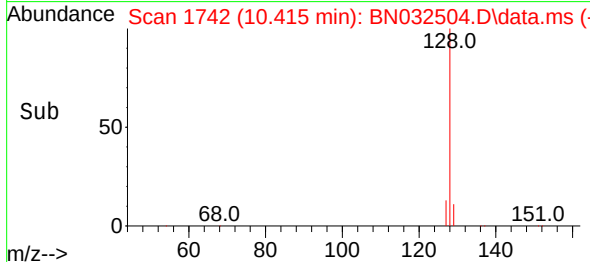
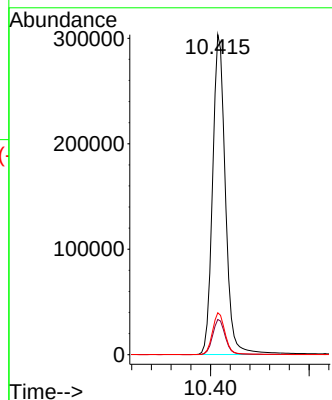
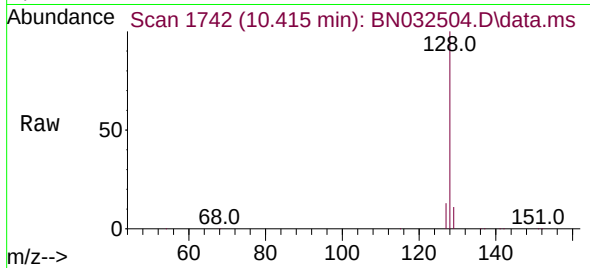




#5
Naphthalene
Concen: 13.716 ng/ul
RT: 10.415 min Scan# 1743
Delta R.T. -0.017 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

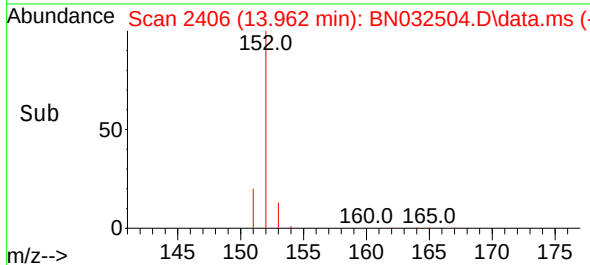
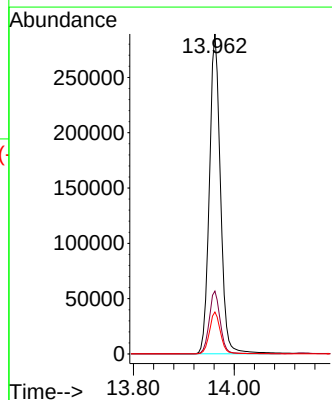
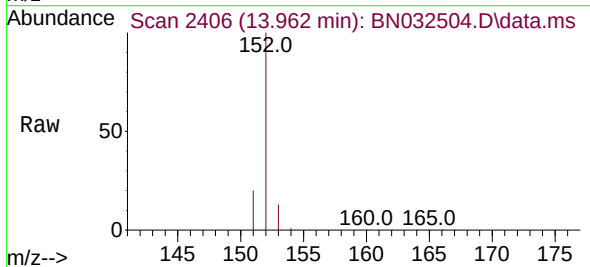
Instrument :
BNA_N
ClientSampleId :
A4DP7

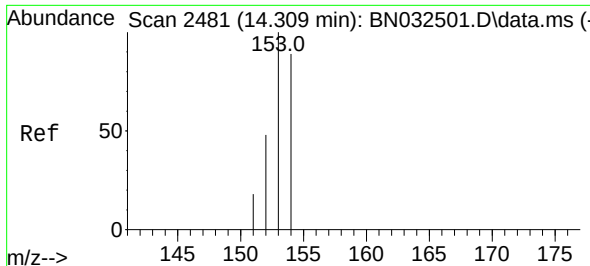
Tgt Ion:128 Resp: 547713
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.1 10.8 16.2



#10
Acenaphthylene
Concen: 13.401 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:152 Resp: 440805
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.9 16.3

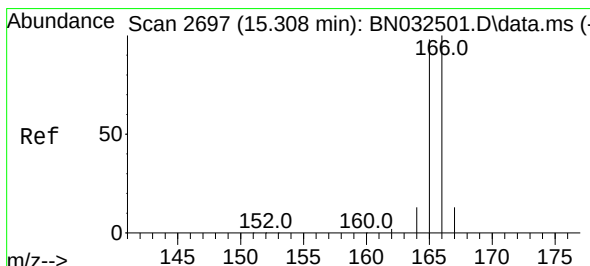
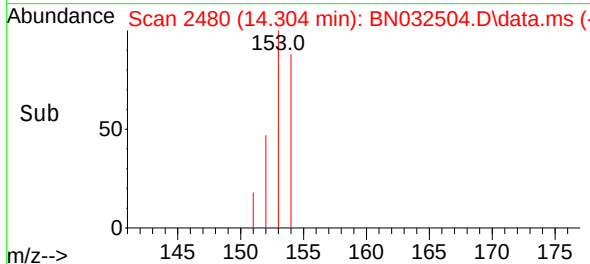
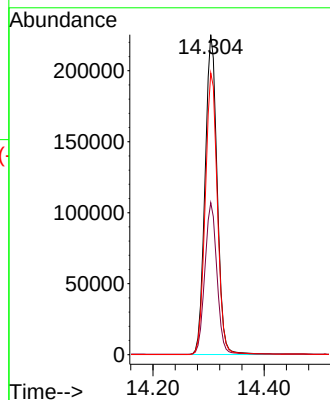
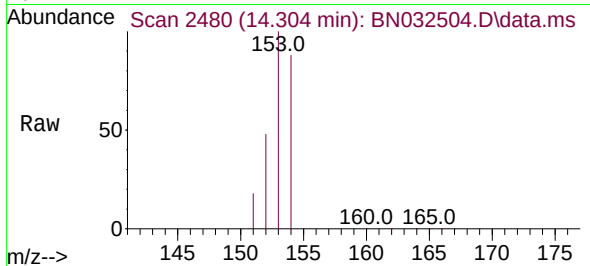




#11
Acenaphthene
Concen: 13.413 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

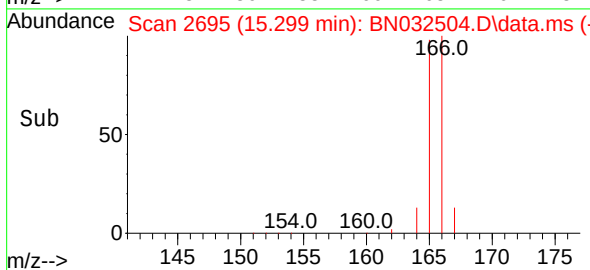
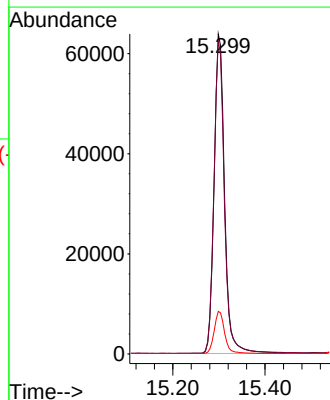
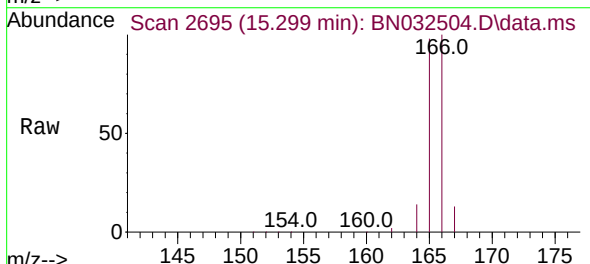
Instrument :
BNA_N
ClientSampleId :
A4DP7

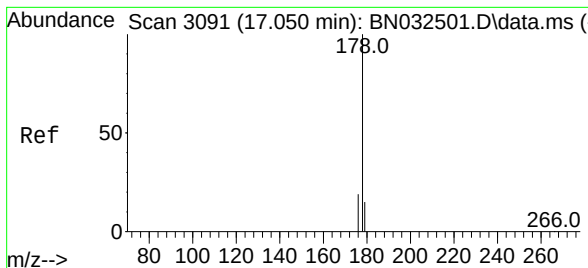
Tgt Ion:153 Resp: 342432
Ion Ratio Lower Upper
153 100
152 47.5 39.5 59.3
154 88.1 71.7 107.5



#12
Fluorene
Concen: 3.311 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:166 Resp: 100721
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.3 11.0 16.6





#15

Phenanthrene

Concen: 5.642 ng/ul

RT: 17.041 min Scan# 3091

Delta R.T. -0.008 min

Lab File: BN032504.D

Acq: 05 Jul 2024 11:23

Instrument :

BNA_N

ClientSampleId :

A4DP7

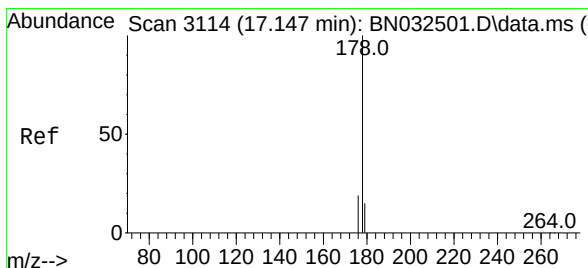
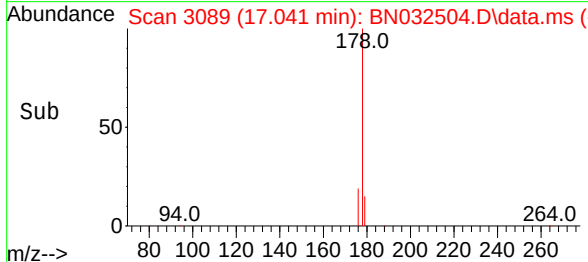
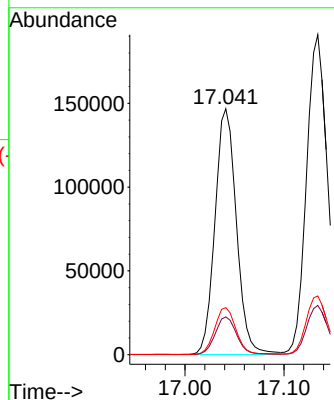
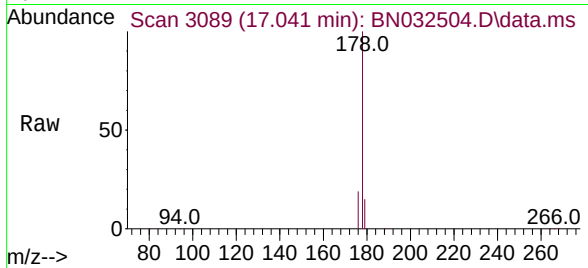
Tgt Ion:178 Resp: 220115

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.1 15.6 23.4



#16

Anthracene

Concen: 8.325 ng/ul

RT: 17.134 min Scan# 3111

Delta R.T. -0.008 min

Lab File: BN032504.D

Acq: 05 Jul 2024 11:23

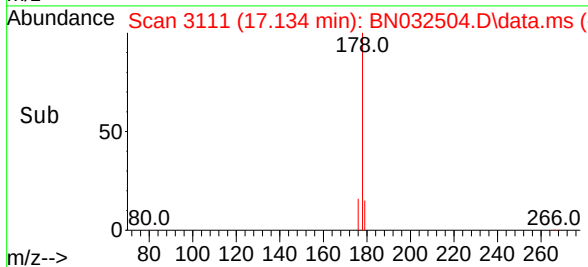
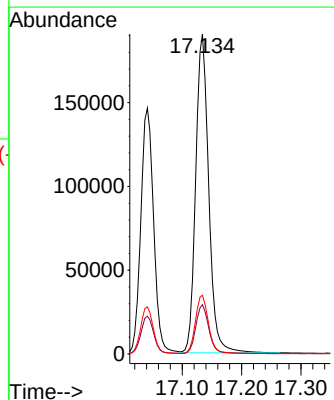
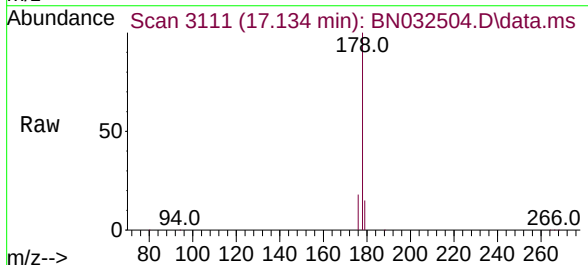
Tgt Ion:178 Resp: 289726

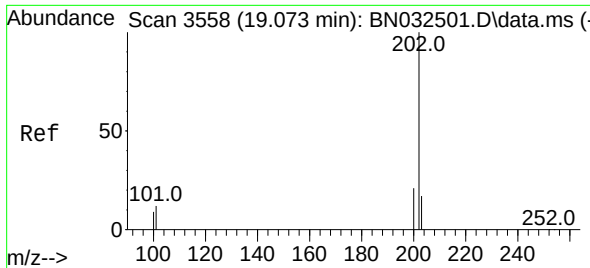
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.3 15.0 22.6

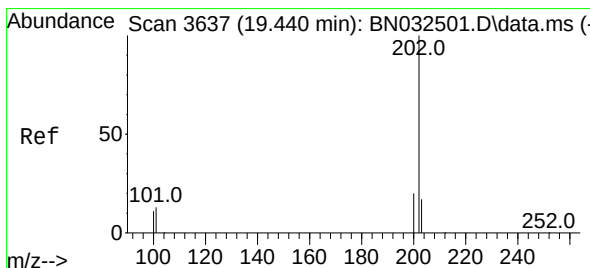
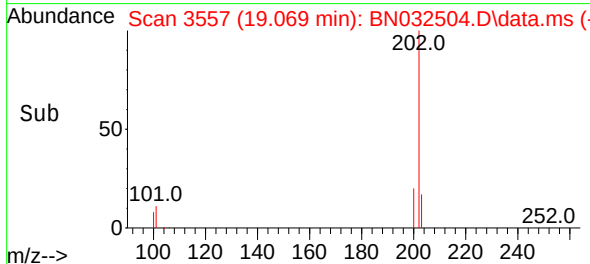
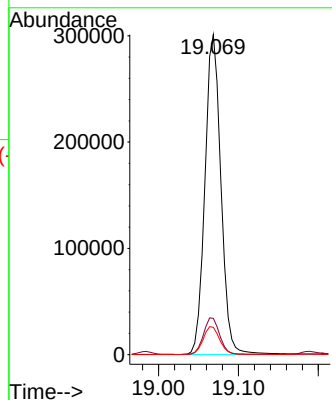
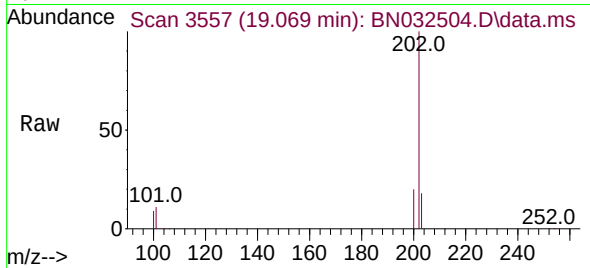




#19
Fluoranthene
Concen: 8.777 ng/ul
RT: 19.069 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

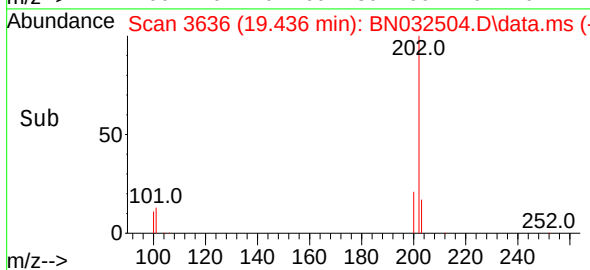
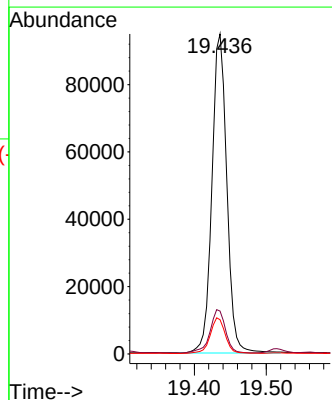
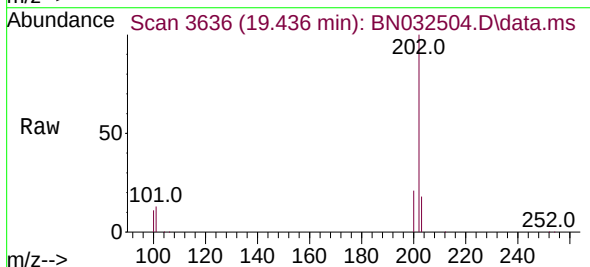
Instrument :
BNA_N
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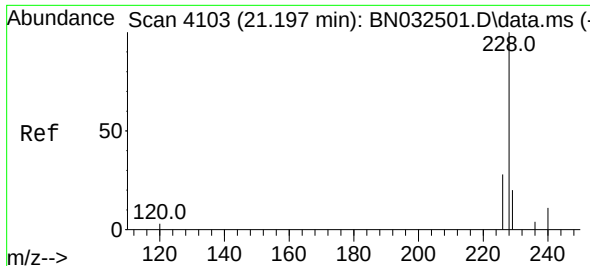
Tgt Ion:202 Resp: 418559
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.6 6.4 9.6



#20
Pyrene
Concen: 2.728 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:202 Resp: 135966
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.7 8.7 13.1

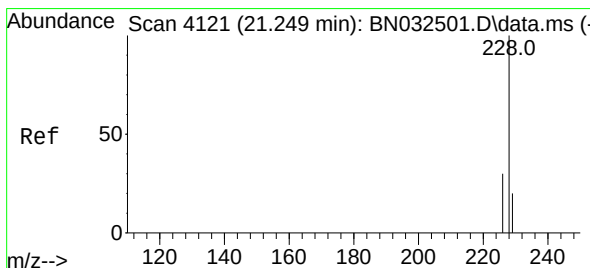
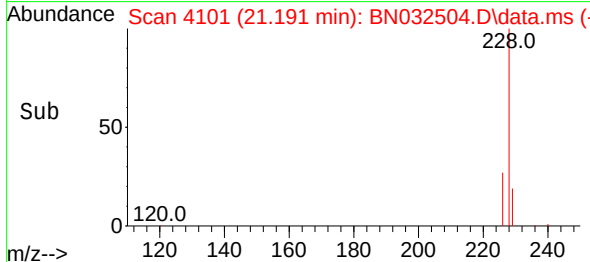
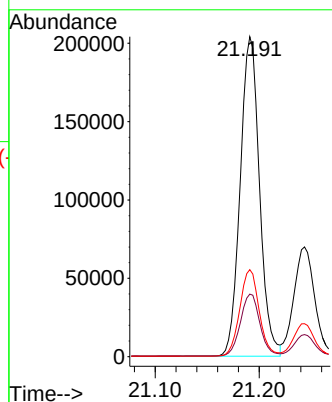
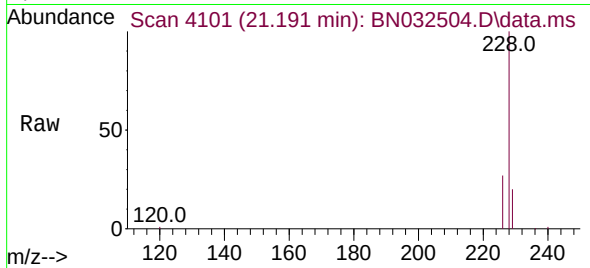




#21
Benzo(a)anthracene
Concen: 5.812 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

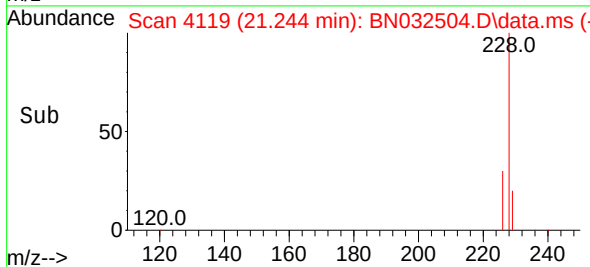
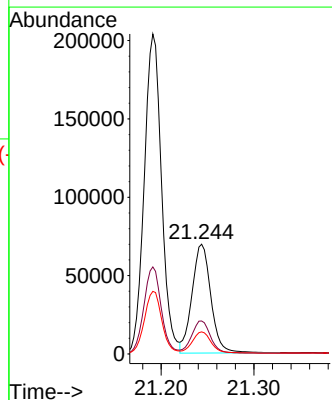
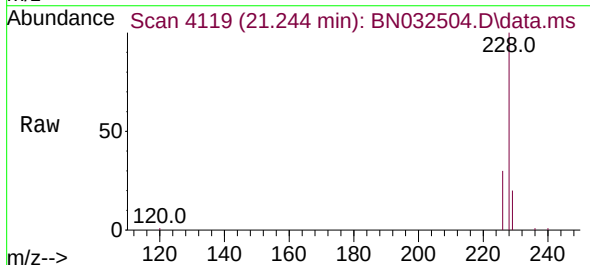
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ClientSampleId :
A4DP7

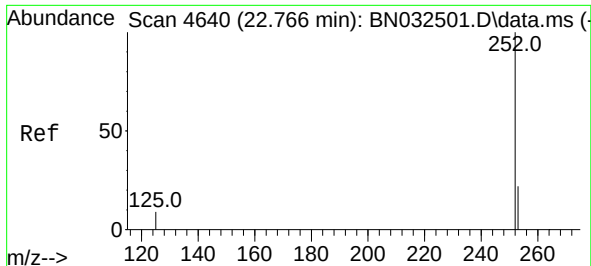
Tgt Ion:228 Resp: 262733
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.2 21.8 32.8



#22
Chrysene
Concen: 1.973 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:228 Resp: 97907
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 20.1 15.7 23.5

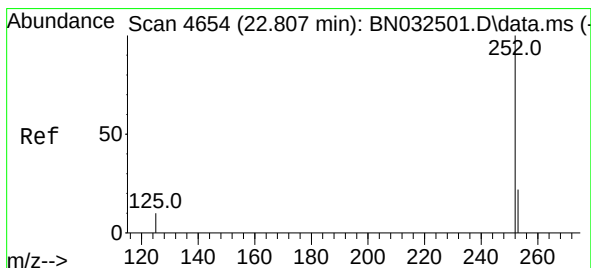
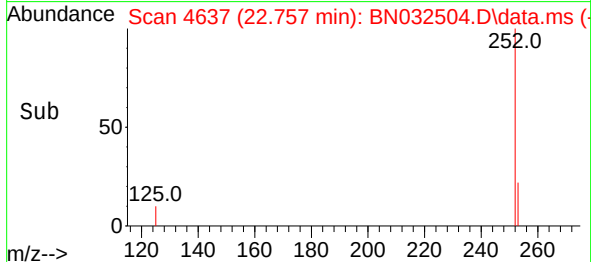
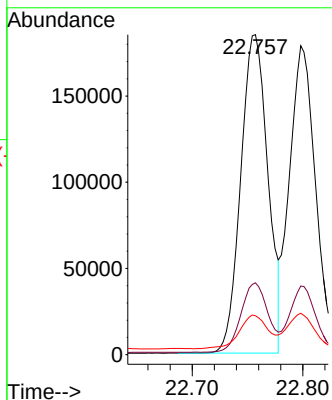
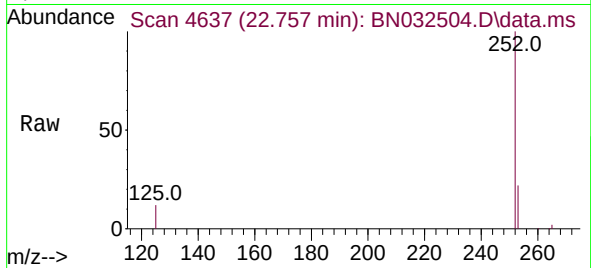




#24
Benzo(b)fluoranthene
Concen: 4.721 ng/ul
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

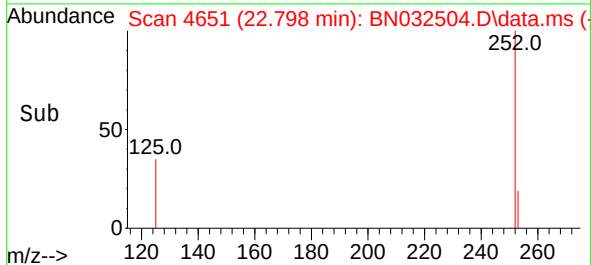
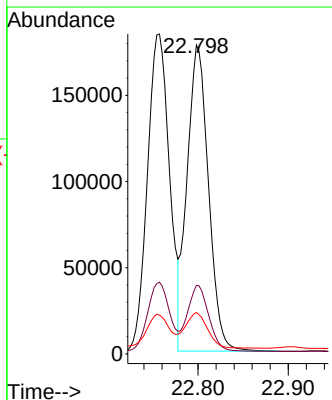
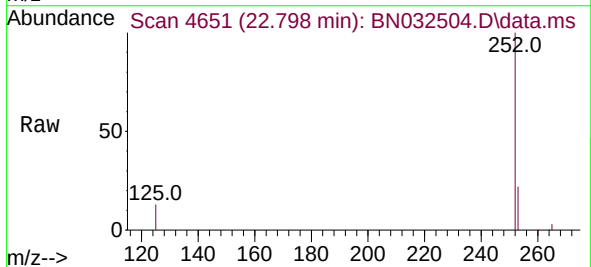
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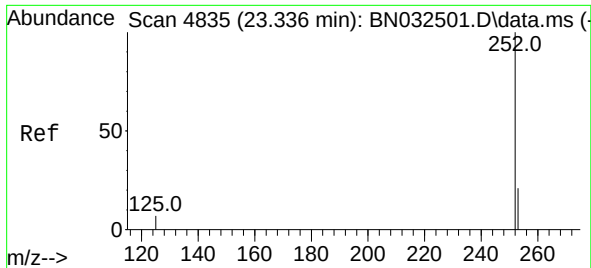
Tgt Ion:252 Resp: 315078
Ion Ratio Lower Upper
252 100
253 22.4 0.0 50.2
125 12.2 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 4.510 ng/ul
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:252 Resp: 292410
Ion Ratio Lower Upper
252 100
253 22.2 20.3 30.5
125 13.4 12.8 19.2

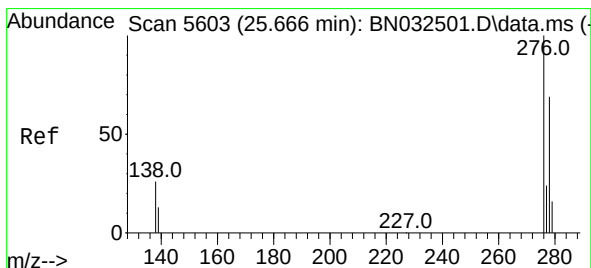
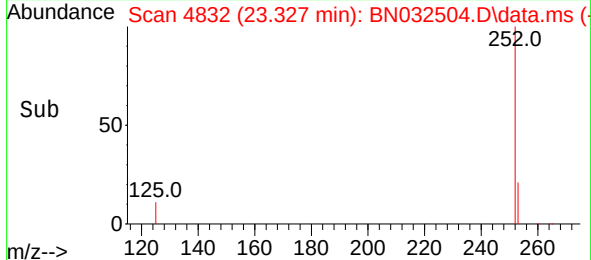
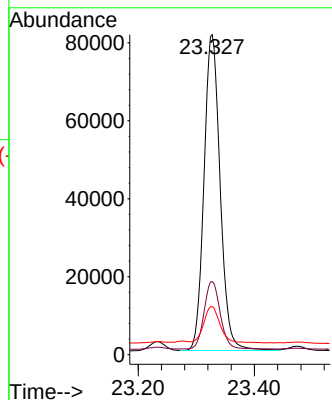
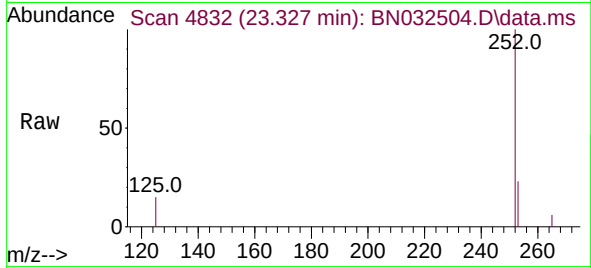




#26
Benzo(a)pyrene
Concen: 3.374 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.000 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

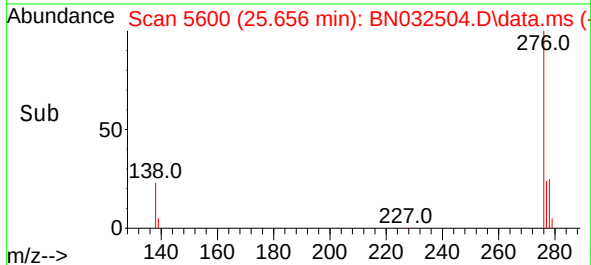
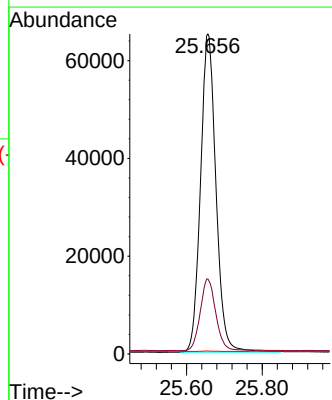
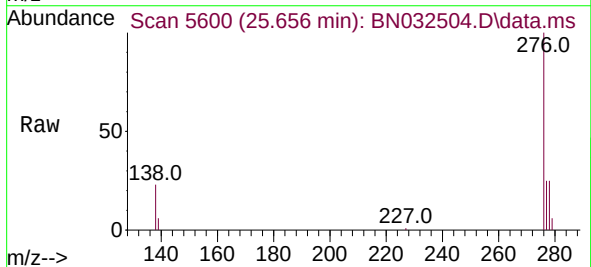
Instrument :
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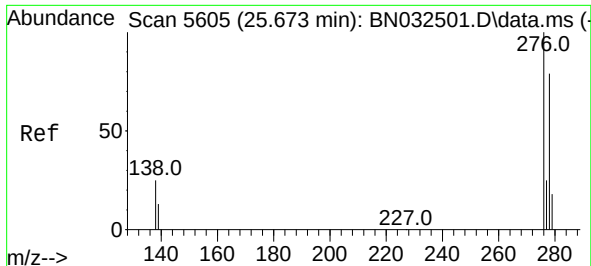
Tgt Ion:252 Resp: 156651
Ion Ratio Lower Upper
252 100
253 22.8 22.2 33.2
125 15.0 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.539 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:276 Resp: 184573
Ion Ratio Lower Upper
276 100
138 22.7 21.3 31.9
227 0.1 0.1 0.1#

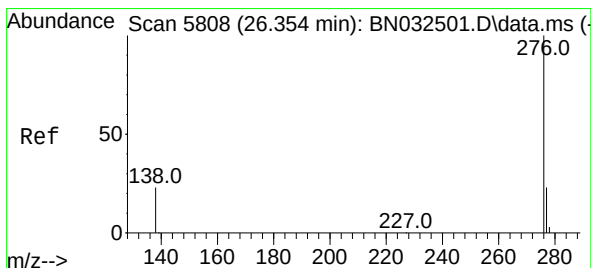
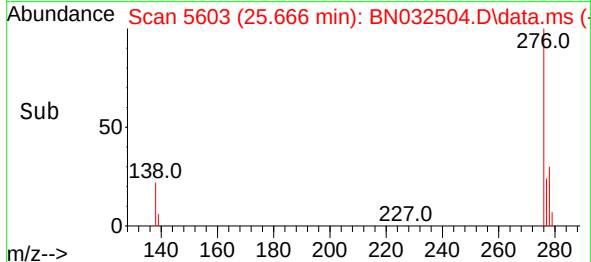
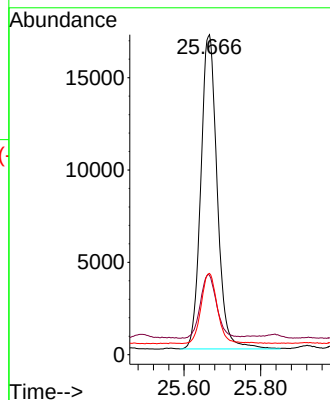
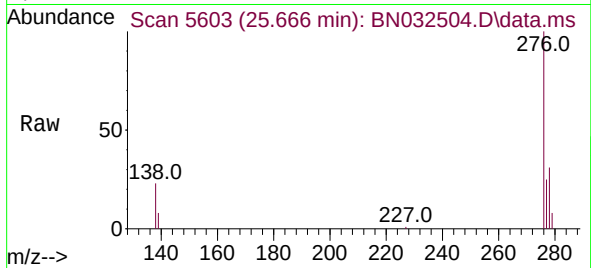




#28
Dibenzo(a,h)anthracene
Concen: 0.938 ng/ul
RT: 25.666 min Scan# 50658
Delta R.T. -0.000 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Instrument :
BNA_N
ClientSampleId :
A4DP7

Tgt Ion:278 Resp: 50658
Ion Ratio Lower Upper
278 100
139 24.8 15.9 23.9#
279 25.4 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 5.647 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032504.D
Acq: 05 Jul 2024 11:23

Tgt Ion:276 Resp: 327016
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 23.7 19.8 29.6

