

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032751.D
 Acq On : 16 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9

Quant Time: Jul 16 23:55:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

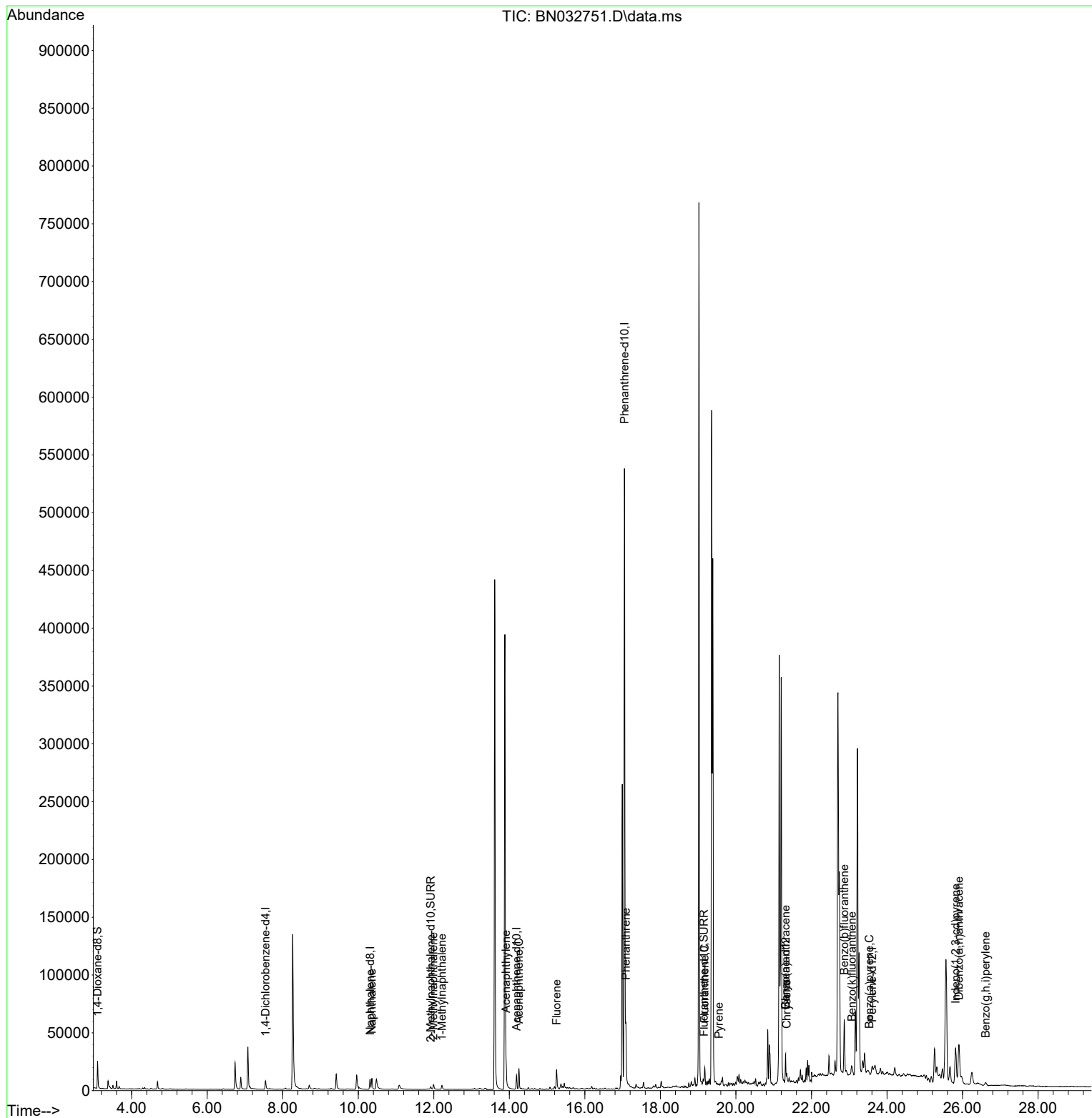
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4555	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.315	136	13248	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.192	164	6849	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.048	188	624135	0.400	ng/ul	0.06
17) Chrysene-d12	21.315	240	281	0.400	ng/ul	# 0.12
23) Perylene-d12	23.607	264	3815	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	15994	2.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	3818	0.191	ng/ul	-0.05
18) Fluoranthene-d10	19.151	212	96	0.105	ng/ul	0.12
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	14068	0.395	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	3855	0.174	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	2945	0.128	ng/ul	98
10) Acenaphthylene	13.914	152	23797	0.860	ng/ul	100
11) Acenaphthene	14.256	153	11153	0.487	ng/ul	99
12) Fluorene	15.251	166	12368	0.473	ng/ul	99
15) Phenanthrene	17.086	178	53713	0.032	ng/ul	98
19) Fluoranthene	19.174	202	13830	12.105	ng/ul	97
20) Pyrene	19.551	202	848	0.717	ng/ul#	56
21) Benzo(a)anthracene	21.315	228	17481	19.544	ng/ul#	51
22) Chrysene	21.342	228	6493	5.018	ng/ul#	68
24) Benzo(b)fluoranthene	22.867	252	62729	4.660	ng/ul	90
25) Benzo(k)fluoranthene	23.072	252	7434	0.453	ng/ul#	1
26) Benzo(a)pyrene	23.531	252	1163	0.100	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.816	276	11666	0.740	ng/ul#	39
28) Dibenzo(a,h)anthracene	25.906	278	58559	4.790	ng/ul	99
29) Benzo(g,h,i)perylene	26.611	276	3880	0.294	ng/ul#	14

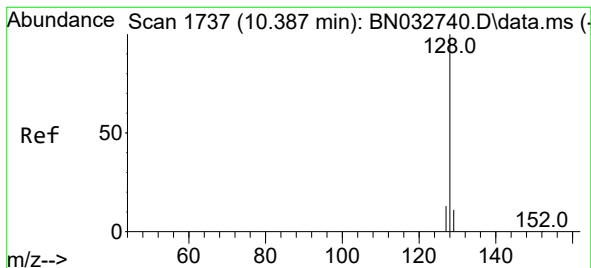
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.395 ng/ul

RT: 10.359 min Scan# 11

Delta R.T. -0.051 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

Instrument :

BNA_N

ClientSampleId :

A4BR9

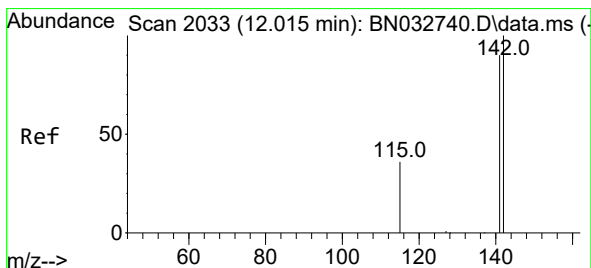
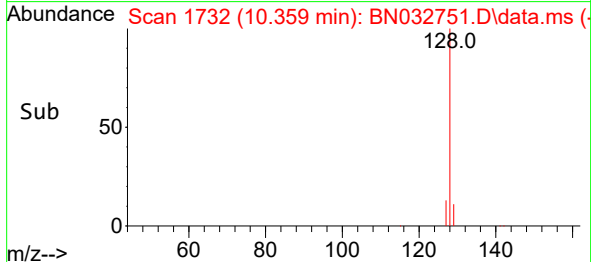
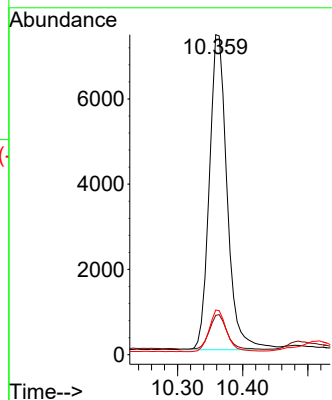
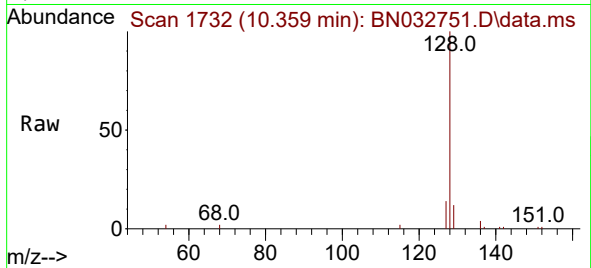
Tgt Ion:128 Resp: 14068

Ion Ratio Lower Upper

128 100

129 12.3 10.0 15.0

127 14.0 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.174 ng/ul

RT: 11.992 min Scan# 2029

Delta R.T. -0.056 min

Lab File: BN032751.D

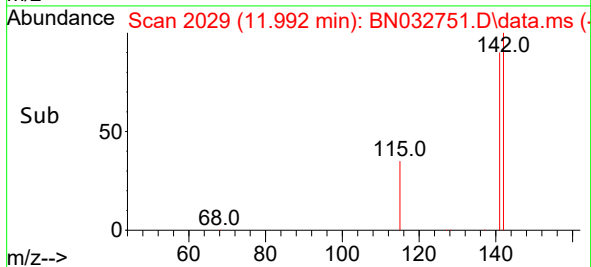
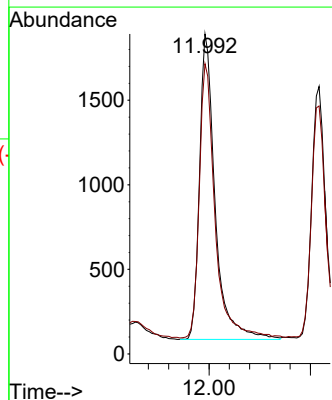
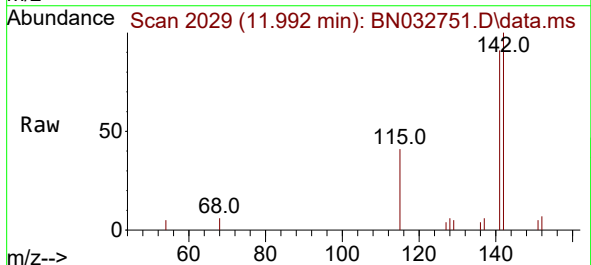
Acq: 16 Jul 2024 21:19

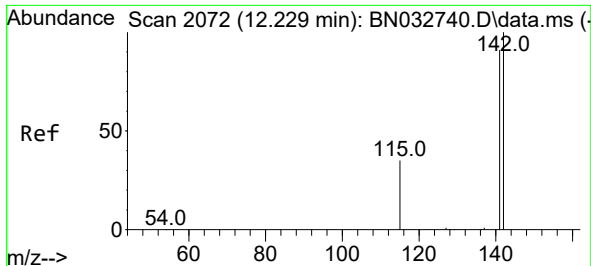
Tgt Ion:142 Resp: 3855

Ion Ratio Lower Upper

142 100

141 90.8 74.0 111.0

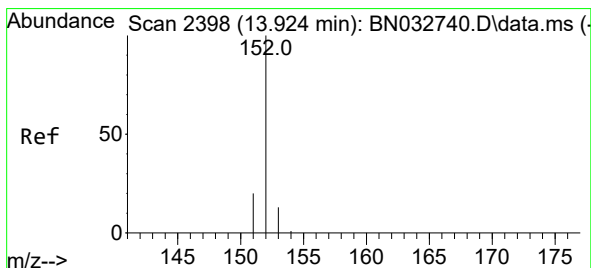
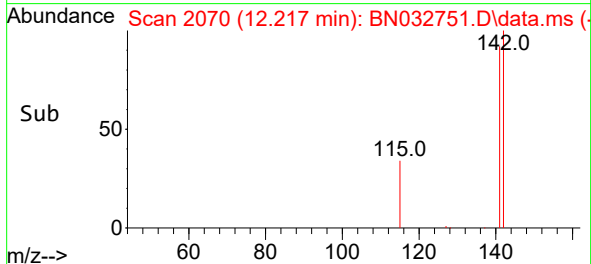
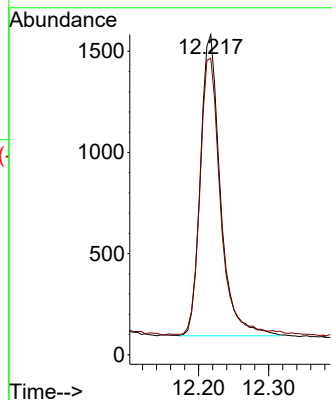
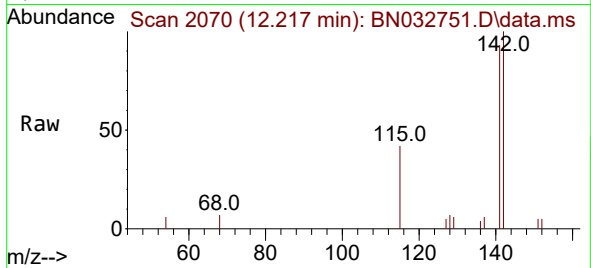




#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.217 min Scan# 2072
Delta R.T. -0.029 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

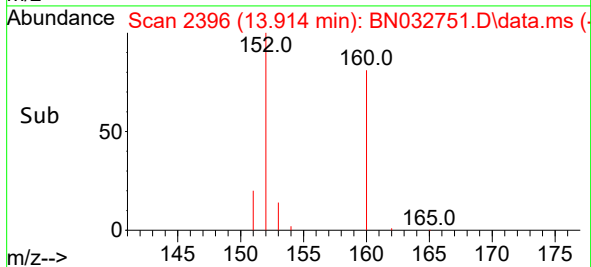
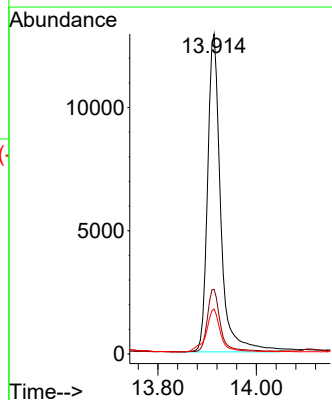
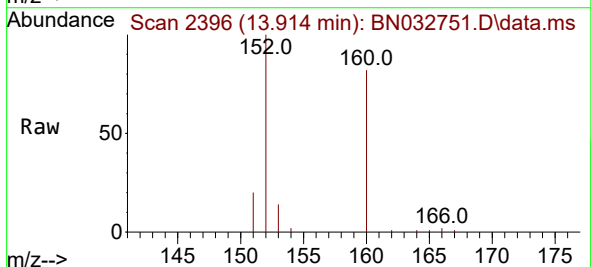
Instrument :
BNA_N
ClientSampleId :
A4BR9

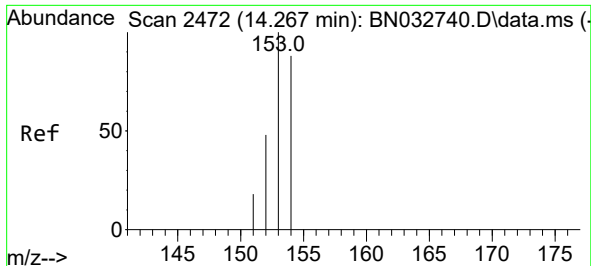
Tgt Ion:142 Resp: 2945
Ion Ratio Lower Upper
142 100
141 95.2 75.0 112.4



#10
Acenaphthylene
Concen: 0.860 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.029 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Tgt Ion:152 Resp: 23797
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.1 11.3 16.9

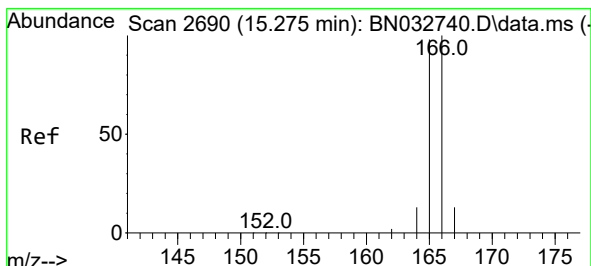
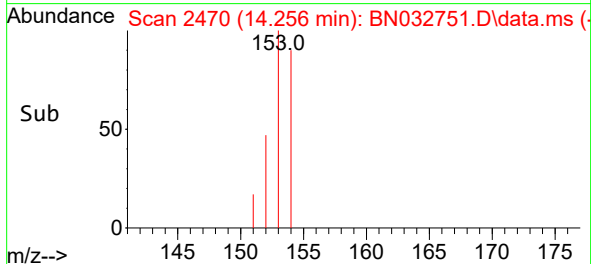
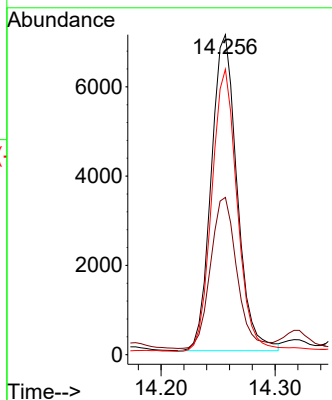
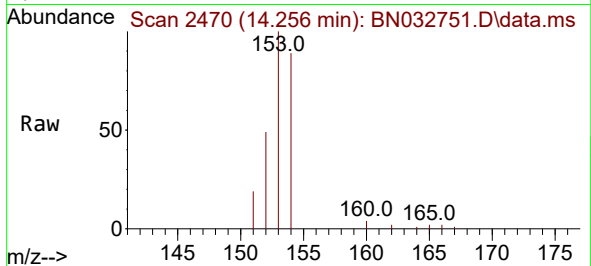




#11
Acenaphthene
Concen: 0.487 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.024 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

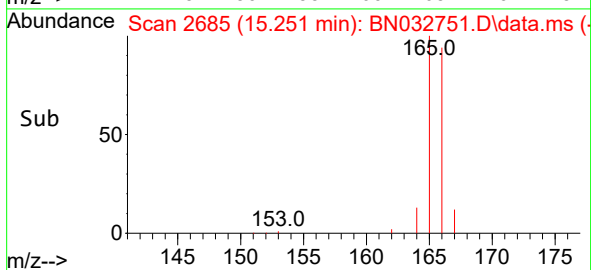
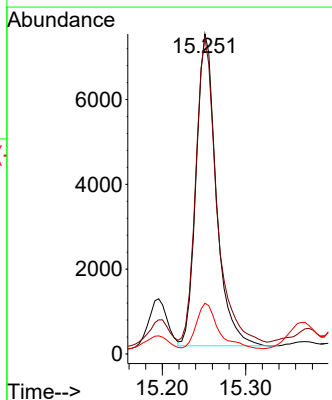
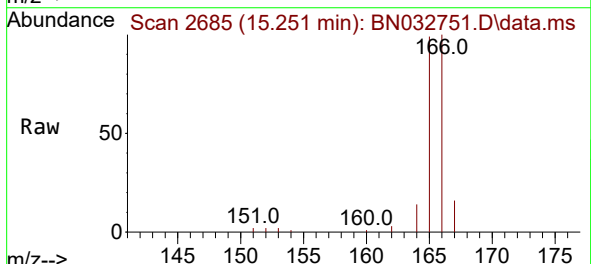
Instrument :
BNA_N
ClientSampleId :
A4BR9

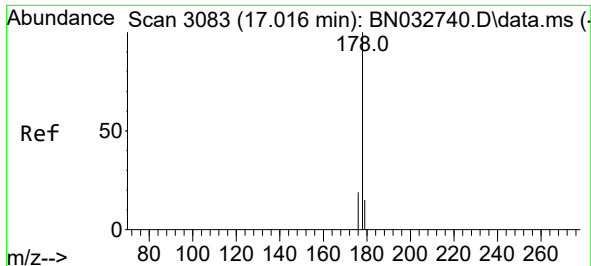
Tgt Ion:153 Resp: 11153
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 89.2 70.2 105.4



#12
Fluorene
Concen: 0.473 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.038 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Tgt Ion:166 Resp: 12368
Ion Ratio Lower Upper
166 100
165 98.8 79.7 119.5
167 15.8 11.4 17.2

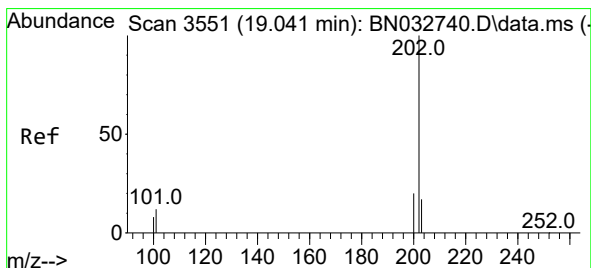
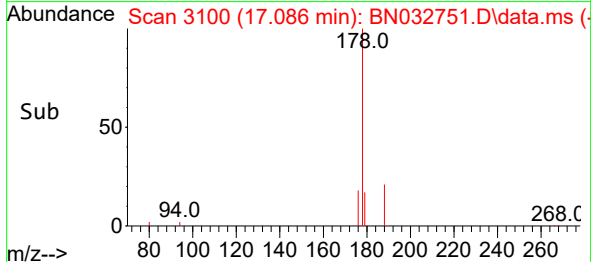
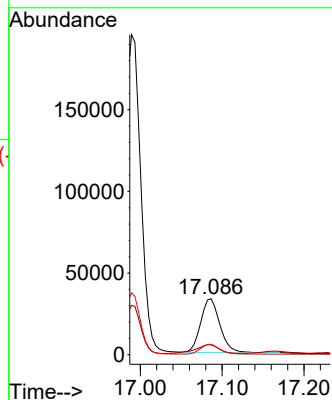
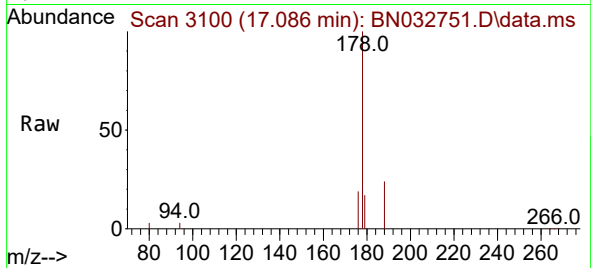




#15
Phenanthrene
Concen: 0.032 ng/ul
RT: 17.086 min Scan# 3100
Delta R.T. 0.058 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

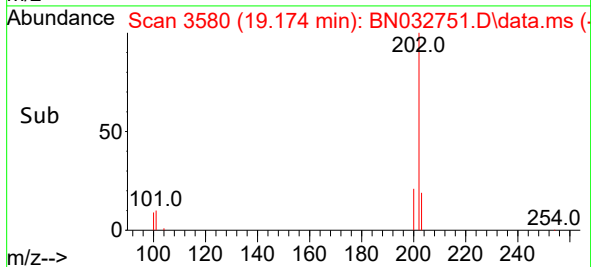
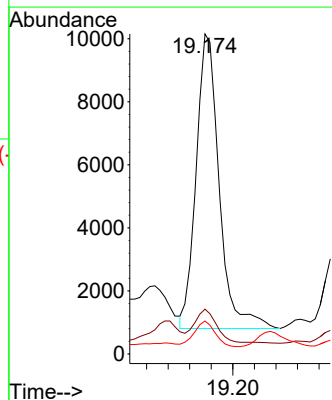
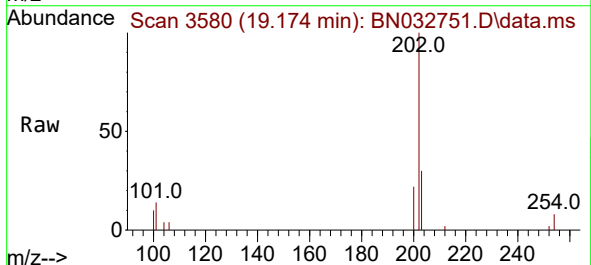
Instrument :
BNA_N
ClientSampleId :
A4BR9

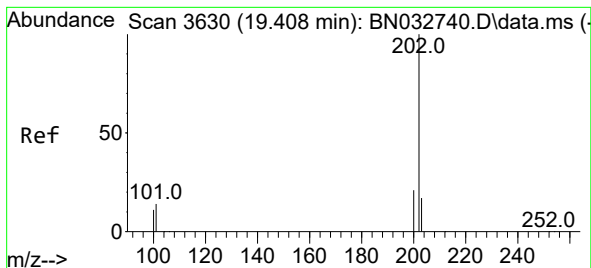
Tgt Ion:178 Resp: 53713
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 18.6 15.6 23.4



#19
Fluoranthene
Concen: 12.105 ng/ul
RT: 19.174 min Scan# 3580
Delta R.T. 0.120 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Tgt Ion:202 Resp: 13830
Ion Ratio Lower Upper
202 100
101 14.0 9.8 14.8
100 10.3 7.9 11.9





#20

Pyrene

Concen: 0.717 ng/ul

RT: 19.551 min Scan# 3

Delta R.T. 0.129 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

Instrument :

BNA_N

ClientSampleId :

A4BR9

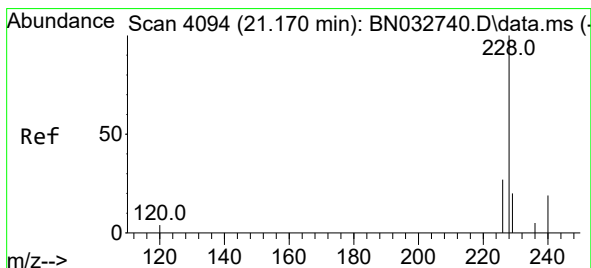
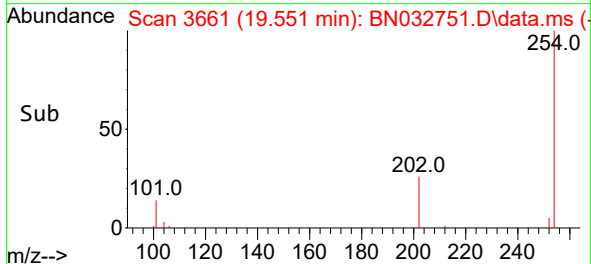
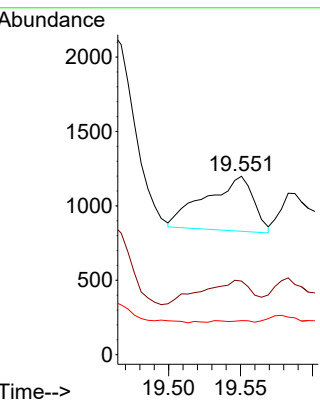
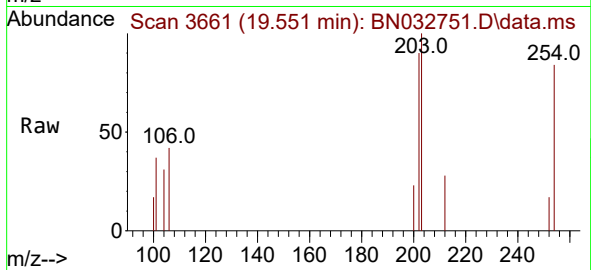
Tgt Ion:202 Resp: 848

Ion Ratio Lower Upper

202 100

101 41.2 11.8 17.6#

100 19.1 9.6 14.4#



#21

Benzo(a)anthracene

Concen: 19.544 ng/ul

RT: 21.315 min Scan# 4144

Delta R.T. 0.133 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

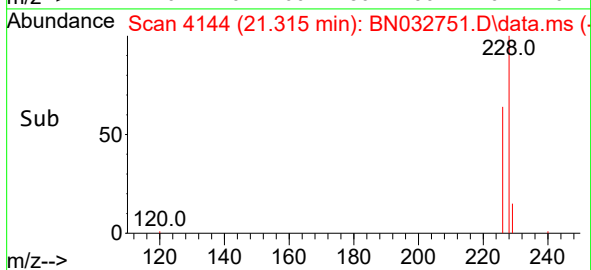
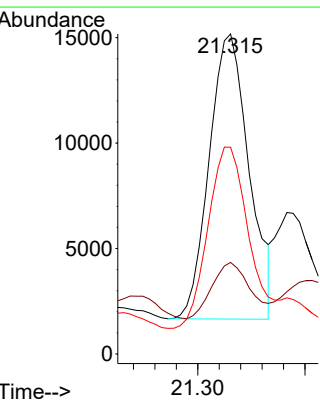
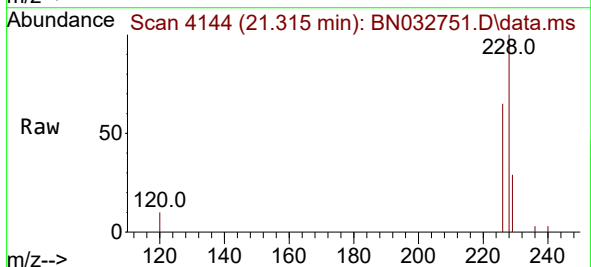
Tgt Ion:228 Resp: 17481

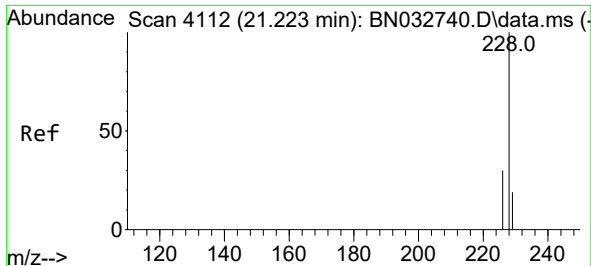
Ion Ratio Lower Upper

228 100

229 28.6 16.1 24.1#

226 64.6 21.9 32.9#





#22

Chrysene

Concen: 5.018 ng/ul

RT: 21.342 min Scan# 4112

Delta R.T. 0.110 min

Lab File: BN032751.D

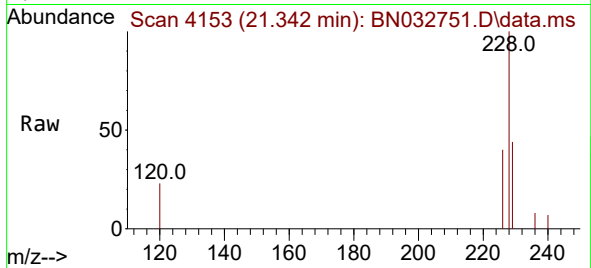
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A4BR9



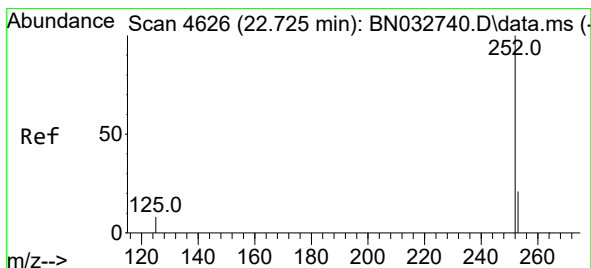
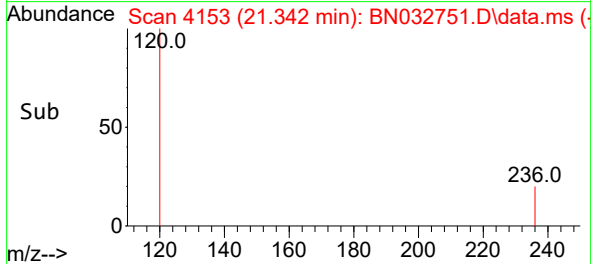
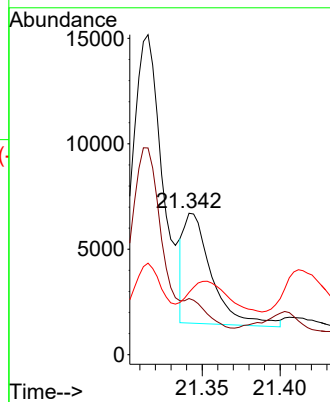
Tgt Ion:228 Resp: 6493

Ion Ratio Lower Upper

228 100

226 39.7 24.0 36.0#

229 44.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 4.660 ng/ul

RT: 22.867 min Scan# 4675

Delta R.T. 0.133 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

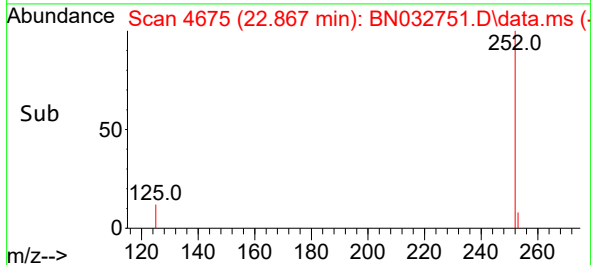
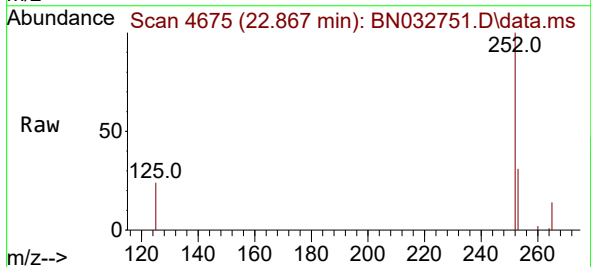
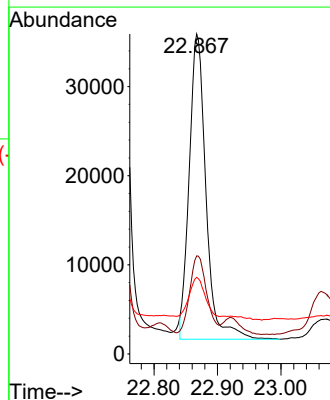
Tgt Ion:252 Resp: 62729

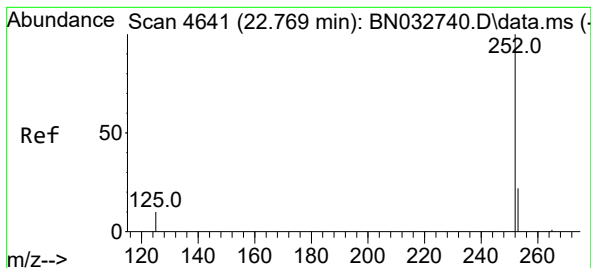
Ion Ratio Lower Upper

252 100

253 30.6 0.0 54.0

125 24.0 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.453 ng/ul

RT: 23.072 min Scan# 41

Delta R.T. 0.294 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

Instrument :

BNA_N

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A4BR9

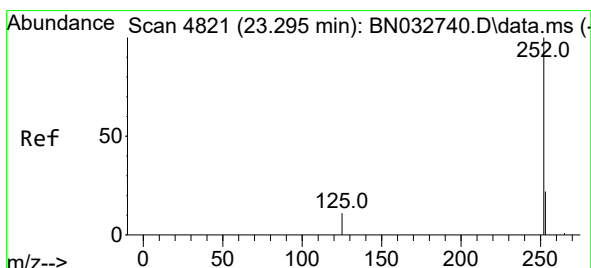
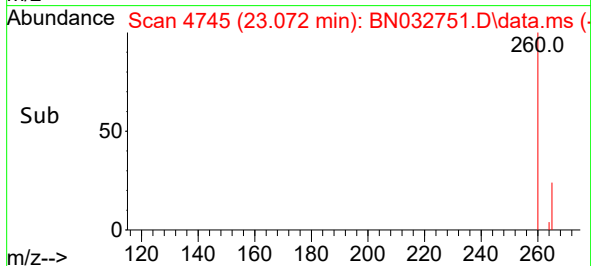
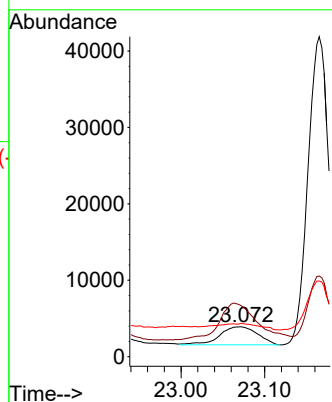
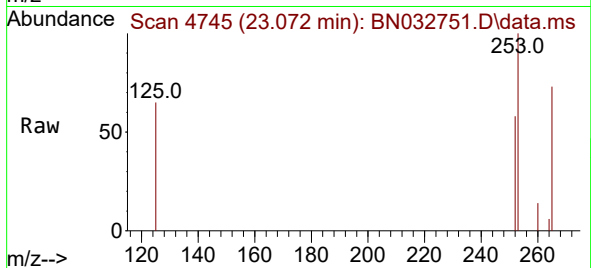
Tgt Ion:252 Resp: 7434

Ion Ratio Lower Upper

252 100

253 171.0 21.2 31.8#

125 111.0 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 23.531 min Scan# 4902

Delta R.T. 0.221 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

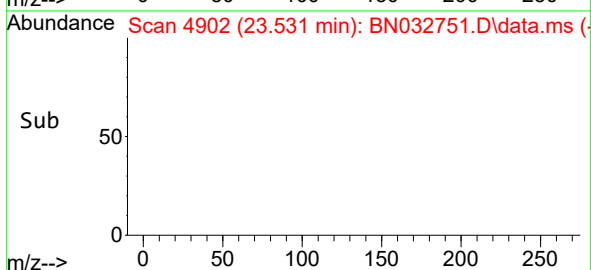
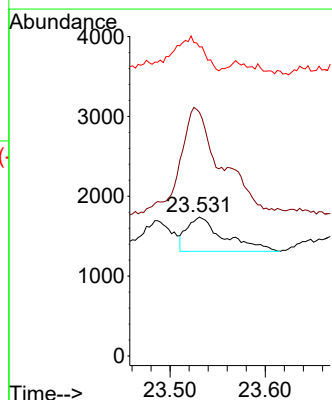
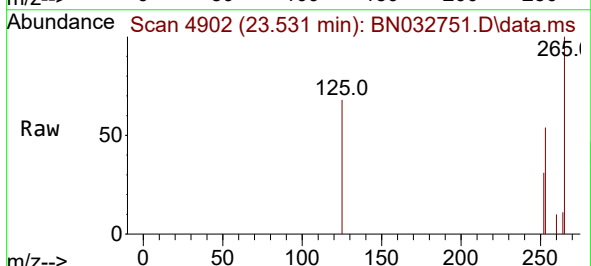
Tgt Ion:252 Resp: 1163

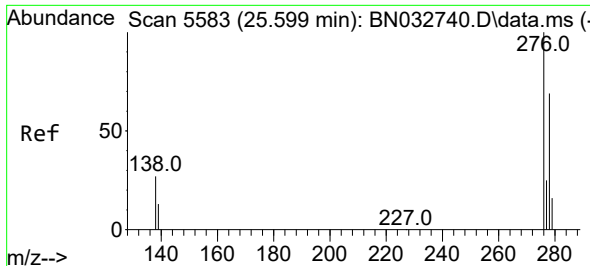
Ion Ratio Lower Upper

252 100

253 175.6 25.4 38.0#

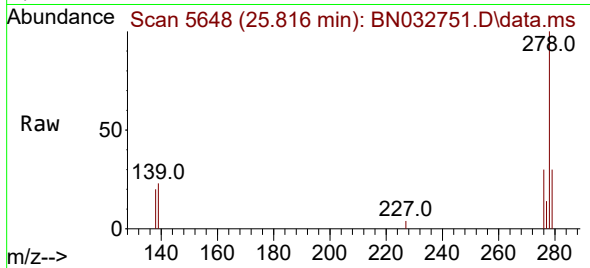
125 222.5 20.6 30.8#



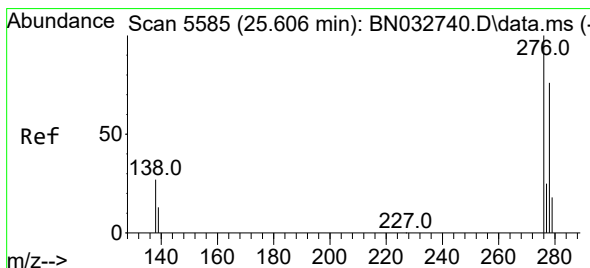
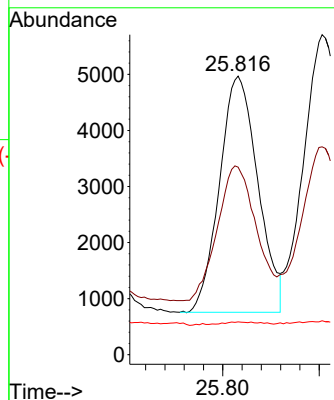


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.740 ng/ul
RT: 25.816 min Scan# 5648
Delta R.T. 0.190 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Instrument :
BNA_N
ClientSampleId :
A4BR9

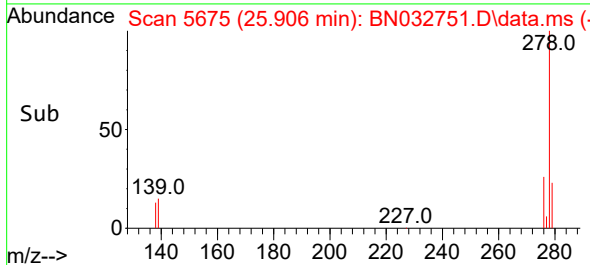
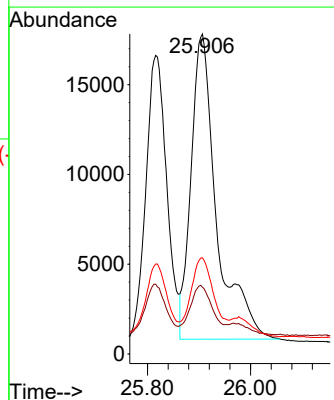
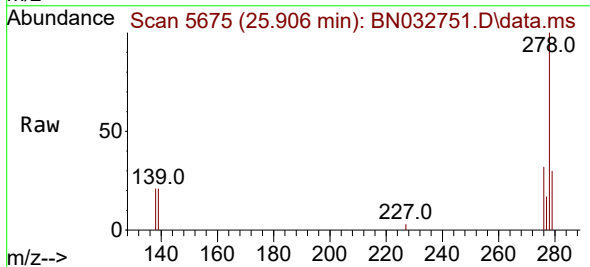


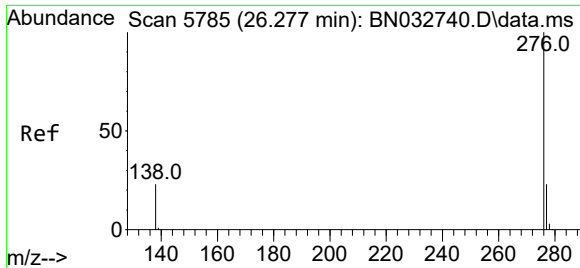
Tgt Ion:276 Resp: 11666
Ion Ratio Lower Upper
276 100
138 58.8 21.6 32.4#
227 0.9 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 4.790 ng/ul
RT: 25.906 min Scan# 5675
Delta R.T. 0.267 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Tgt Ion:278 Resp: 58559
Ion Ratio Lower Upper
278 100
139 20.8 16.6 24.8
279 30.0 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.294 ng/ul
 RT: 26.611 min Scan# 51
 Delta R.T. 0.311 min
 Lab File: BN032751.D
 Acq: 16 Jul 2024 21:19

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9

Tgt Ion:	276	Resp:	3880
Ion	Ratio	Lower	Upper
276	100		
138	64.4	21.0	31.4#
277	75.2	20.6	31.0#

