

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032515.D
 Acq On : 05 Jul 2024 19:30
 Operator : MA/JU
 Sample : P2963-22DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3DL

Quant Time: Jul 05 23:28:31 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)

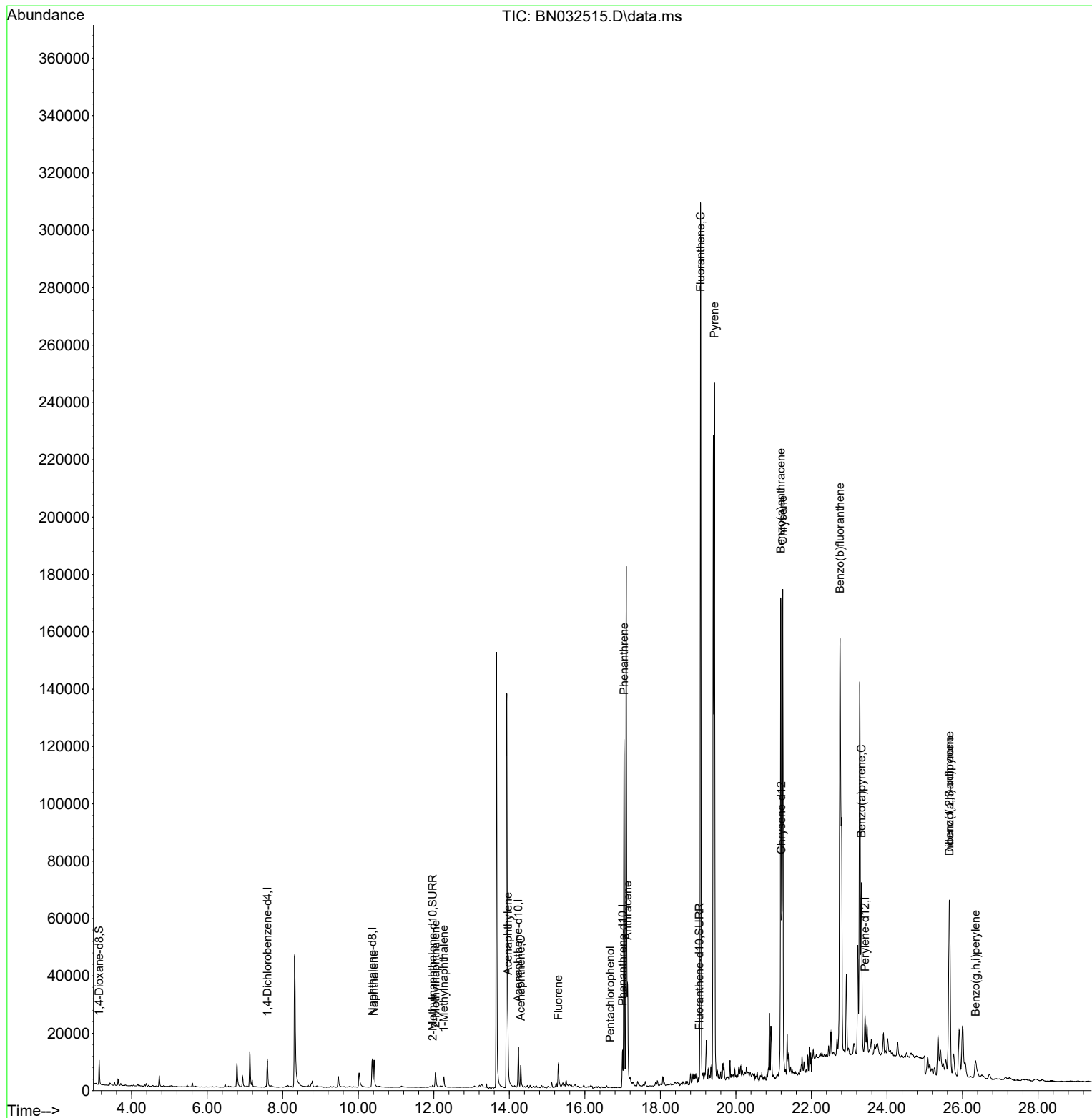
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	15341	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	8307	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	15672	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	14603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	17451	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	5892	0.973	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1297	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2581	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	14415	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	5189	0.193	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	2957	0.106	ng/ul	97
10) Acenaphthylene	13.962	152	23426	0.678	ng/ul	99
11) Acenaphthene	14.304	153	4917	0.183	ng/ul	97
12) Fluorene	15.299	166	6230	0.195	ng/ul#	98
14) Pentachlorophenol	16.670	266	132	0.037	ng/ul	91
15) Phenanthrene	17.037	178	135486	3.153	ng/ul	99
16) Anthracene	17.134	178	38277	0.999	ng/ul	99
19) Fluoranthene	19.064	202	274625	4.939	ng/ul	97
20) Pyrene	19.431	202	209682	3.608	ng/ul	100
21) Benzo(a)anthracene	21.188	228	150245	2.851	ng/ul	96
22) Chrysene	21.241	228	169257	2.926	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	322700	4.256	ng/ul	96
26) Benzo(a)pyrene	23.325	252	85991	1.630	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.656	276	90702	1.098	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.656	278	33103	0.539	ng/ul#	79
29) Benzo(g,h,i)perylene	26.344	276	12988	0.197	ng/ul#	76

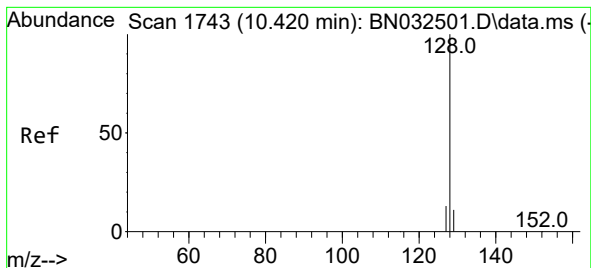
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032515.D
Acq On : 05 Jul 2024 19:30
Operator : MA/JU
Sample : P2963-22DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3DL

Quant Time: Jul 05 23:28:31 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





#5

Naphthalene

Concen: 0.355 ng/ul

RT: 10.420 min Scan# 1743

Delta R.T. -0.011 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

Instrument :

BNA_N

ClientSampleId :

A4CS3DL

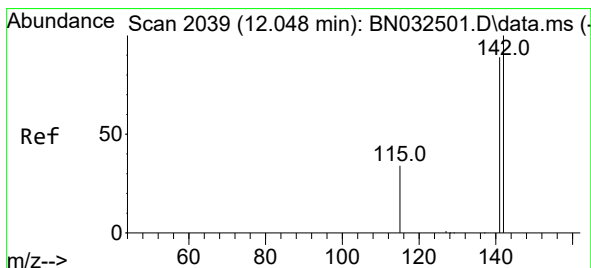
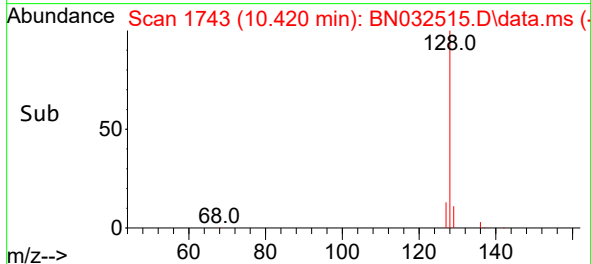
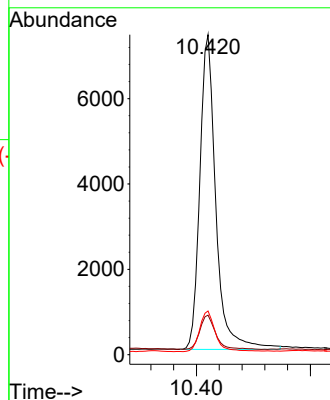
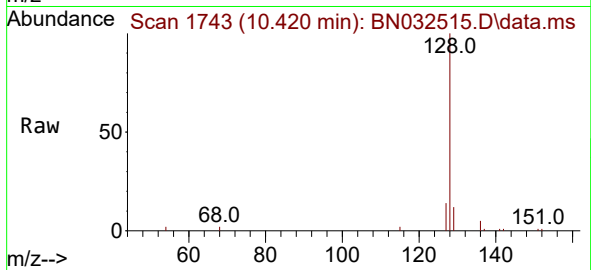
Tgt Ion:128 Resp: 14415

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 13.7 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.193 ng/ul

RT: 12.048 min Scan# 2039

Delta R.T. -0.005 min

Lab File: BN032515.D

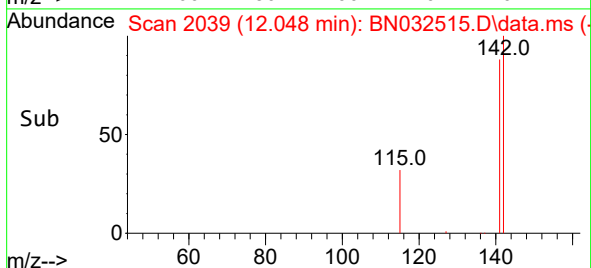
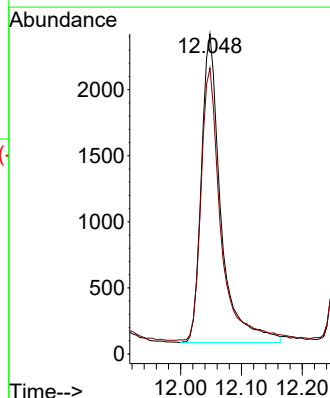
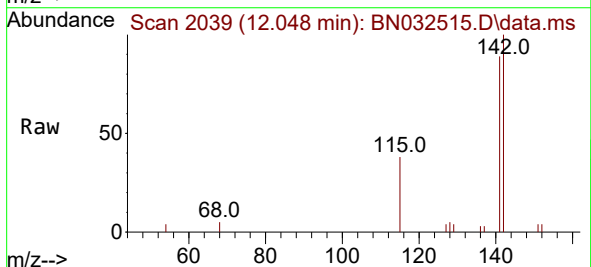
Acq: 05 Jul 2024 19:30

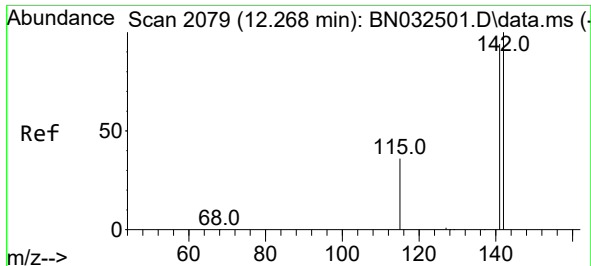
Tgt Ion:142 Resp: 5189

Ion Ratio Lower Upper

142 100

141 88.8 72.2 108.2

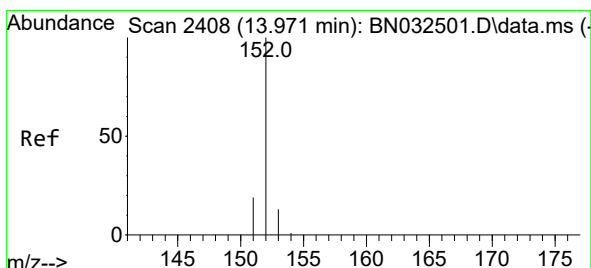
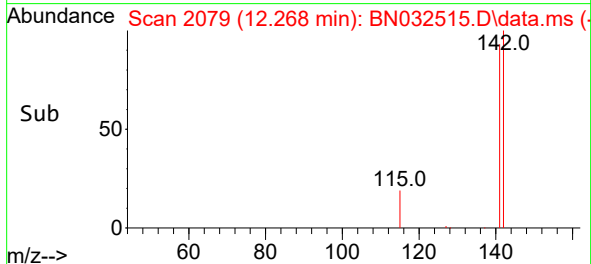
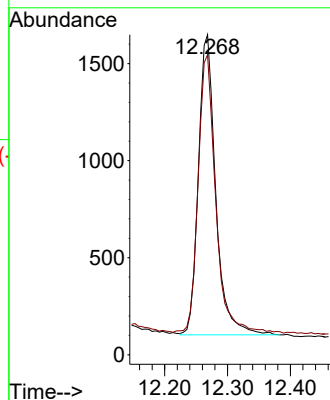
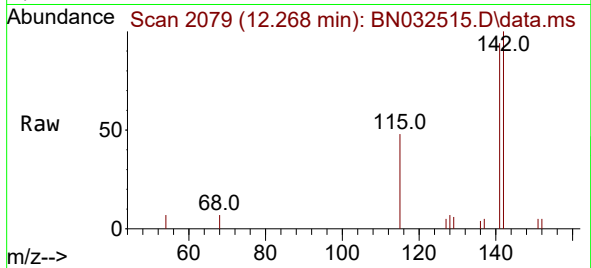




#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.268 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

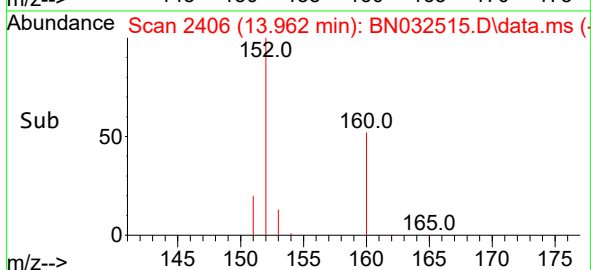
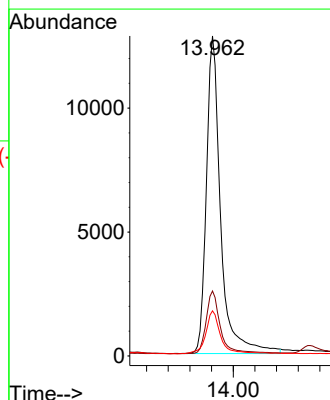
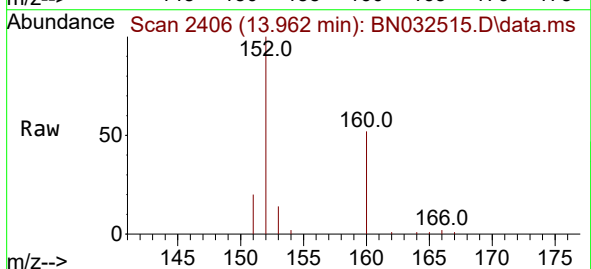
Instrument :
BNA_N
ClientSampleId :
A4CS3DL

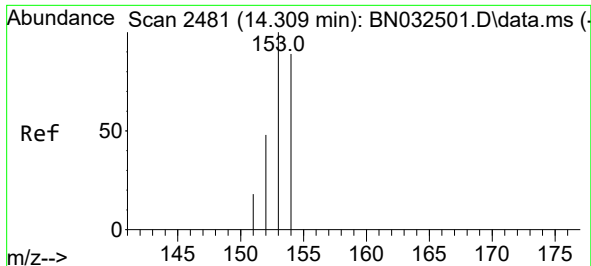
Tgt Ion:142 Resp: 2957
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.0



#10
Acenaphthylene
Concen: 0.678 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:152 Resp: 23426
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.1 10.9 16.3

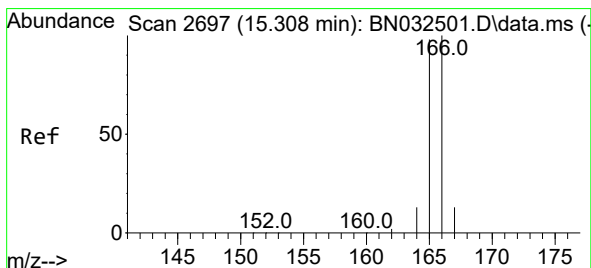
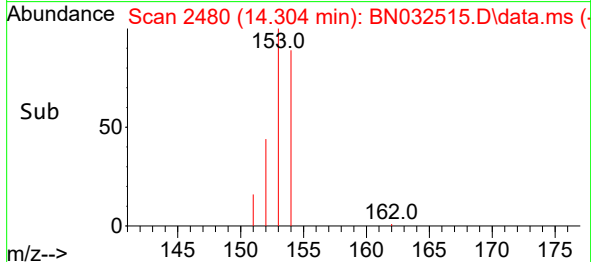
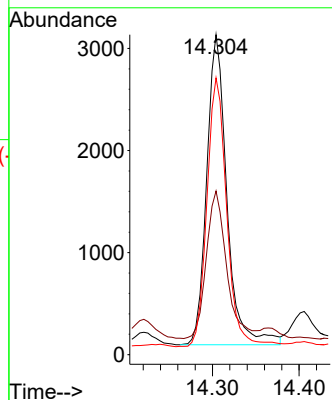
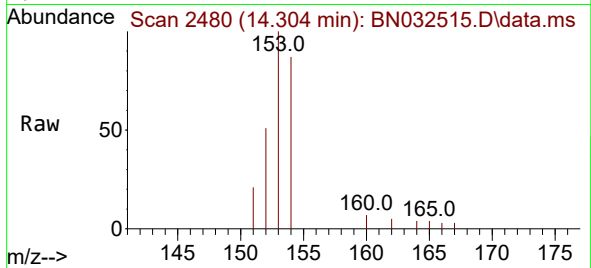




#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

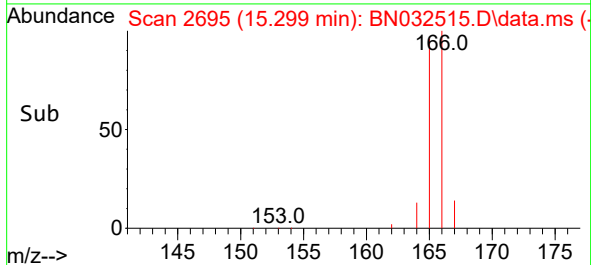
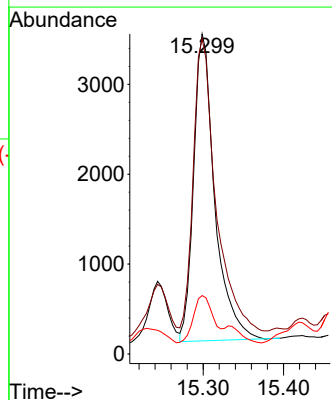
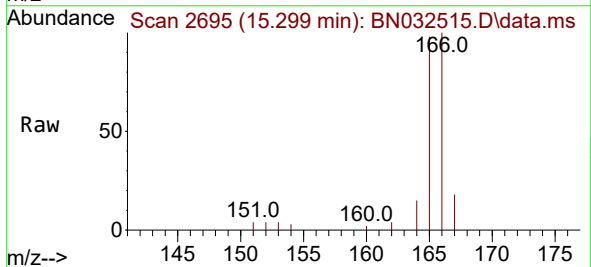
Instrument :
BNA_N
ClientSampleId :
A4CS3DL

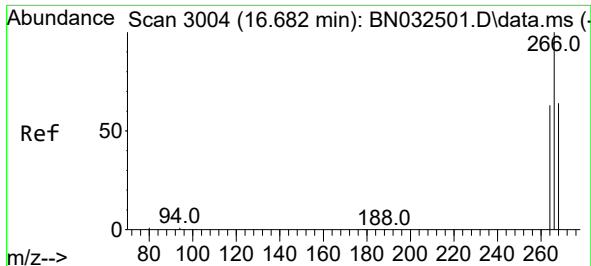
Tgt Ion:153 Resp: 4917
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 86.5 71.7 107.5



#12
Fluorene
Concen: 0.195 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:166 Resp: 6230
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 18.2 11.0 16.6#

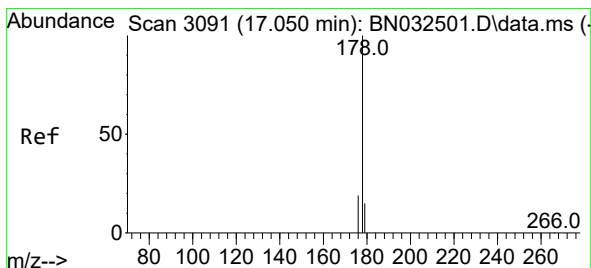
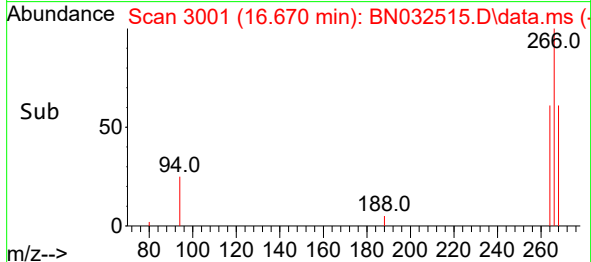
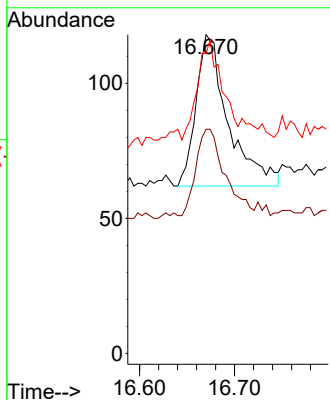
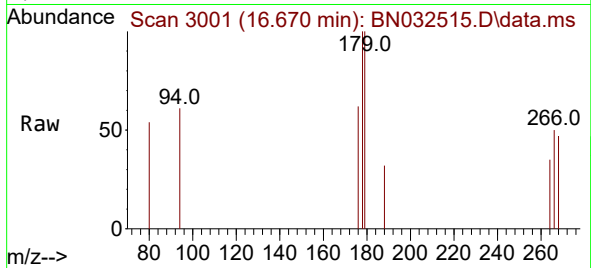




#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.670 min Scan# 3001
 Delta R.T. -0.004 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

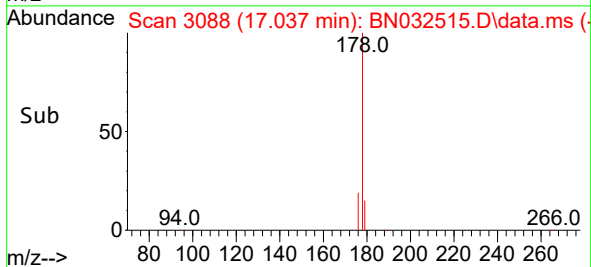
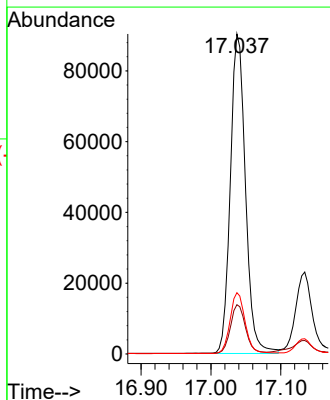
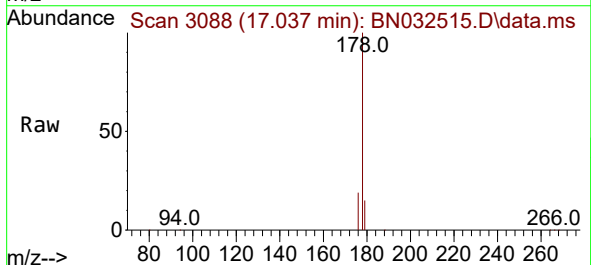
Instrument :
 BNA_N
 ClientSampleId :
 A4CS3DL

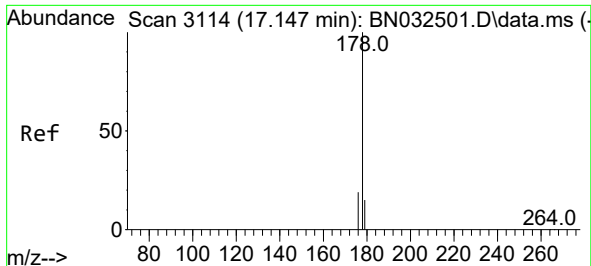
Tgt Ion:266 Resp: 132
 Ion Ratio Lower Upper
 266 100
 264 50.8 49.9 74.9
 268 62.9 52.4 78.6



#15
 Phenanthrene
 Concen: 3.153 ng/ul
 RT: 17.037 min Scan# 3088
 Delta R.T. -0.013 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

Tgt Ion:178 Resp: 135486
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 19.2 15.6 23.4

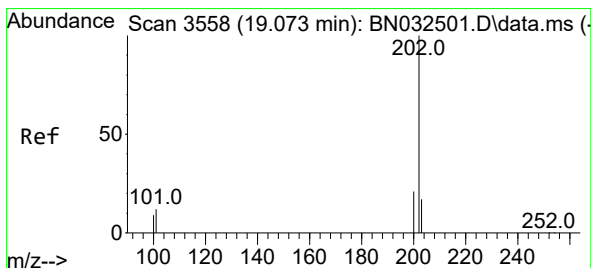
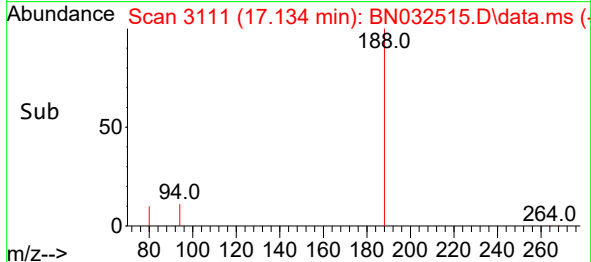
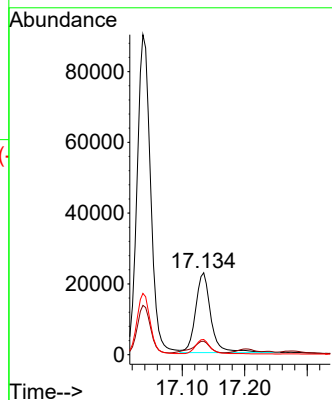
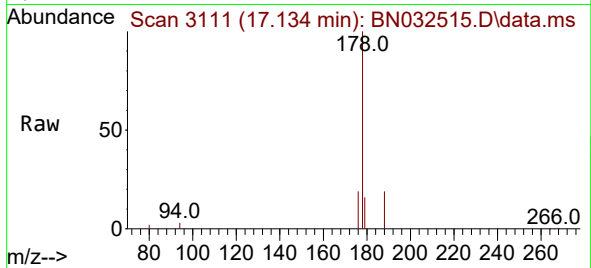




#16
Anthracene
Concen: 0.999 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

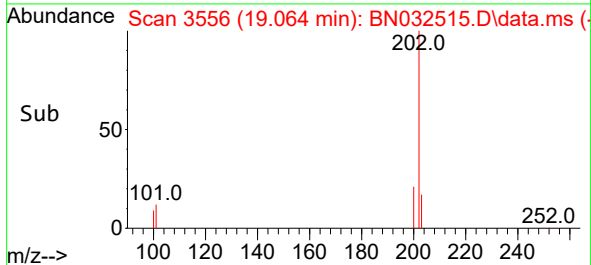
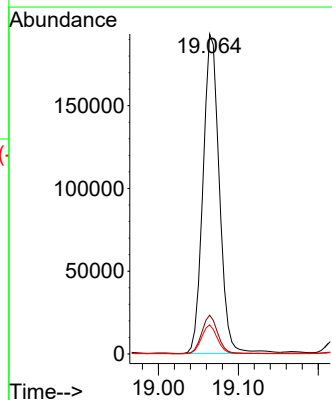
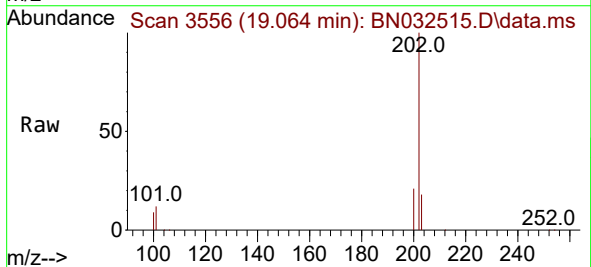
Instrument :
BNA_N
ClientSampleId :
A4CS3DL

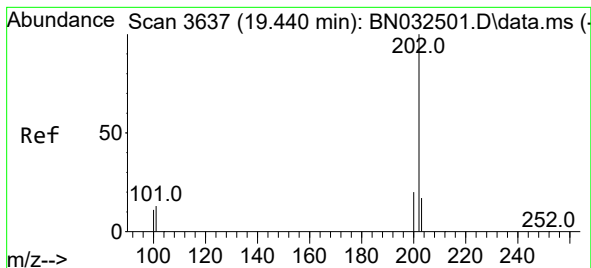
Tgt Ion:178 Resp: 38277
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.6 15.0 22.6



#19
Fluoranthene
Concen: 4.939 ng/ul
RT: 19.064 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:202 Resp: 274625
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 9.1 6.4 9.6





#20

Pyrene

Concen: 3.608 ng/ul

RT: 19.431 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

Instrument :

BNA_N

ClientSampleId :

A4CS3DL

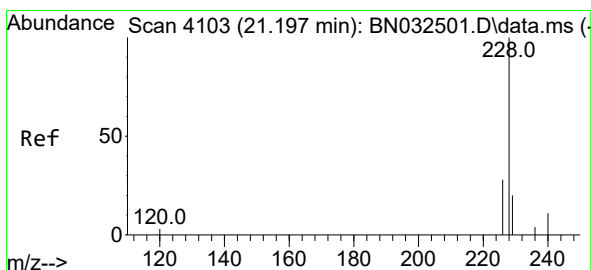
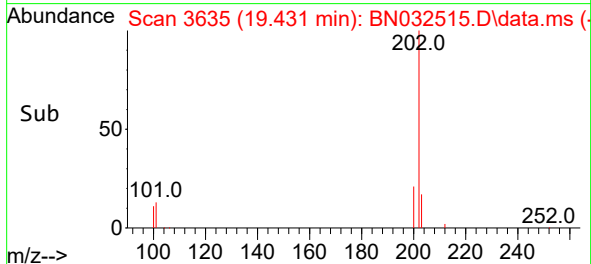
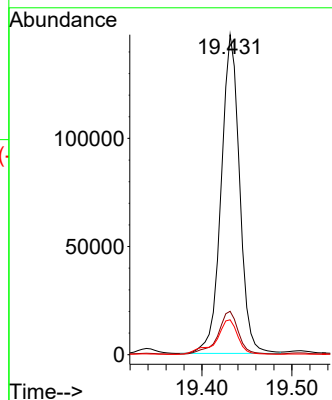
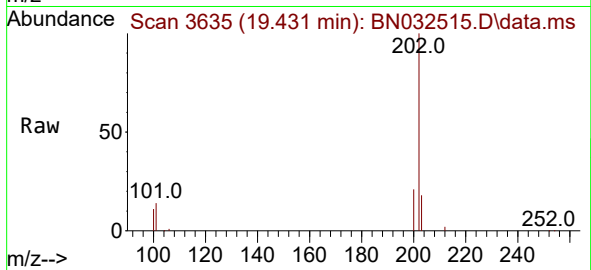
Tgt Ion:202 Resp: 209682

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.4

100 10.9 8.7 13.1



#21

Benzo(a)anthracene

Concen: 2.851 ng/ul

RT: 21.188 min Scan# 4100

Delta R.T. -0.003 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

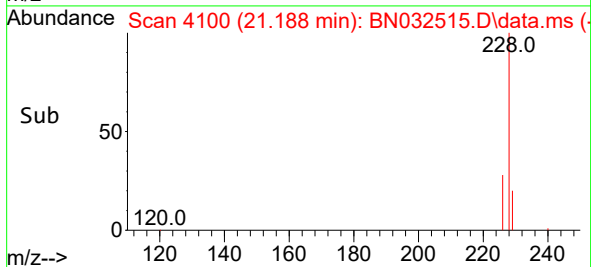
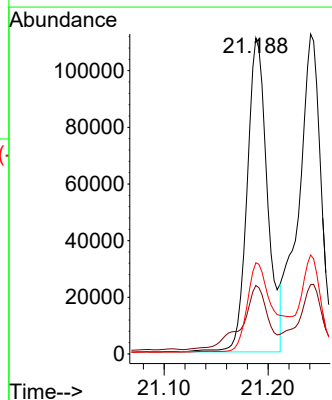
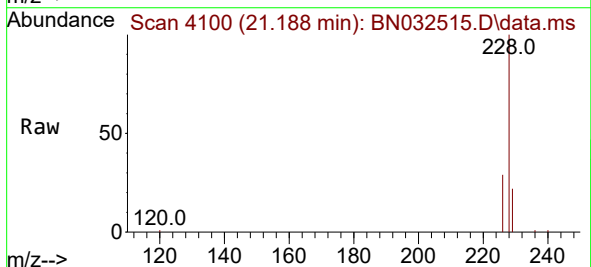
Tgt Ion:228 Resp: 150245

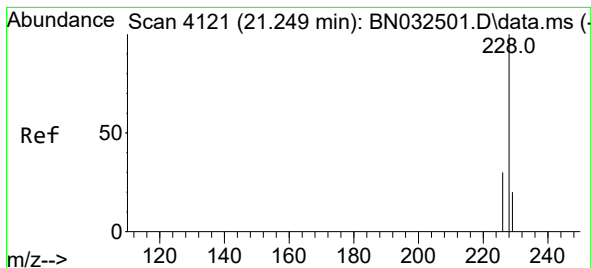
Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

226 28.9 21.8 32.8





#22

Chrysene

Concen: 2.926 ng/ul

RT: 21.241 min Scan# 4118

Delta R.T. -0.003 min

Lab File: BN032515.D

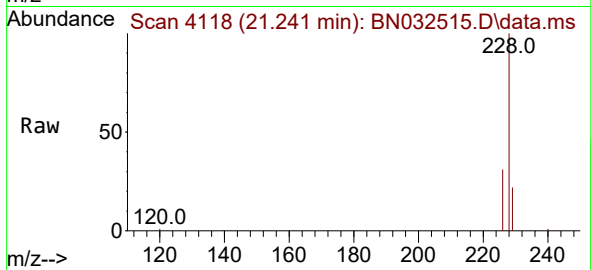
Acq: 05 Jul 2024 19:30

Instrument :

BNA_N

ClientSampleId :

A4CS3DL



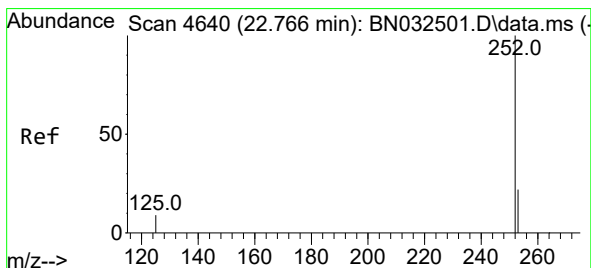
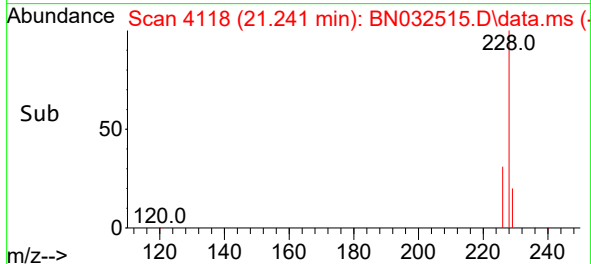
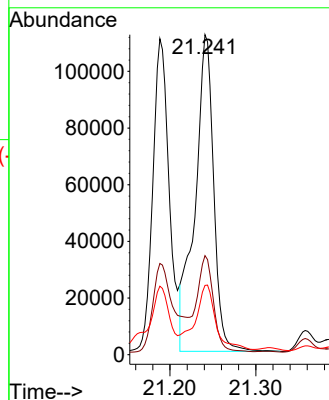
Tgt Ion:228 Resp: 169257

Ion Ratio Lower Upper

228 100

226 31.0 23.6 35.4

229 21.7 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 4.256 ng/ul

RT: 22.757 min Scan# 4637

Delta R.T. 0.000 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

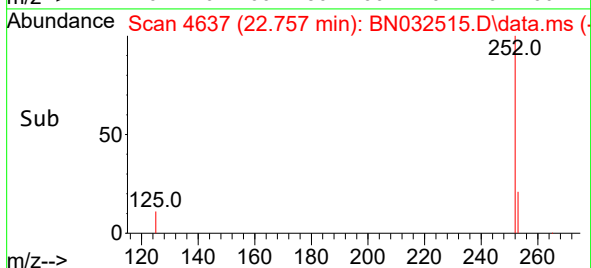
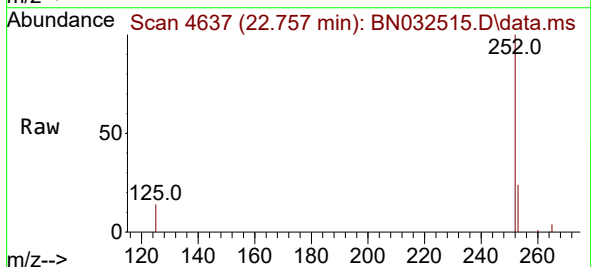
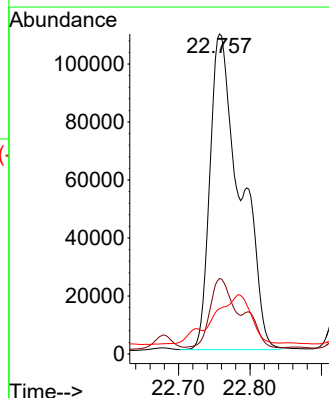
Tgt Ion:252 Resp: 322700

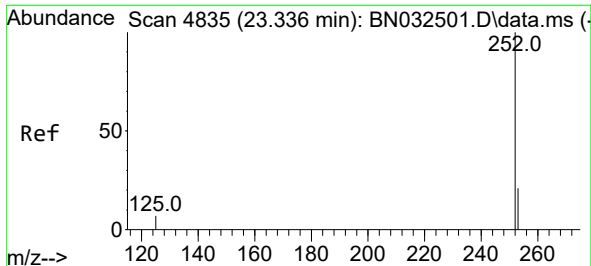
Ion Ratio Lower Upper

252 100

253 23.5 0.0 50.2

125 14.1 0.0 32.0

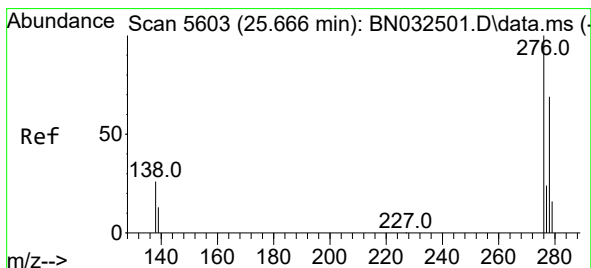
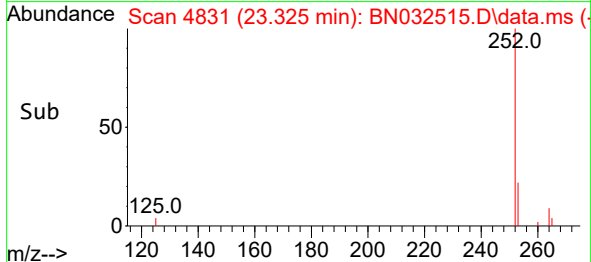
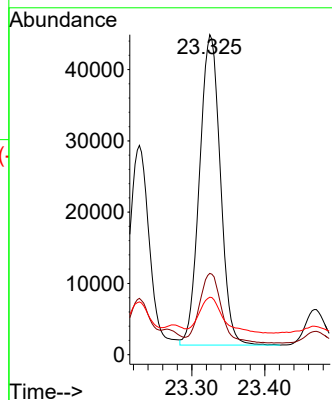
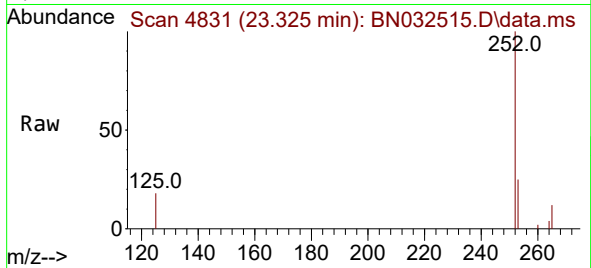




#26
Benzo(a)pyrene
Concen: 1.630 ng/ul
RT: 23.325 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

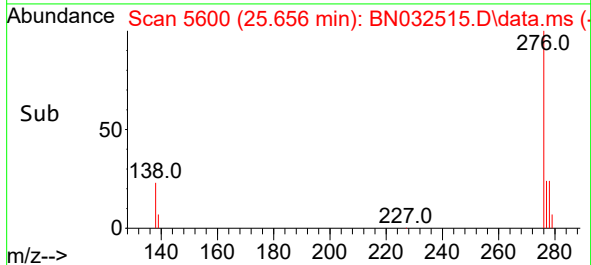
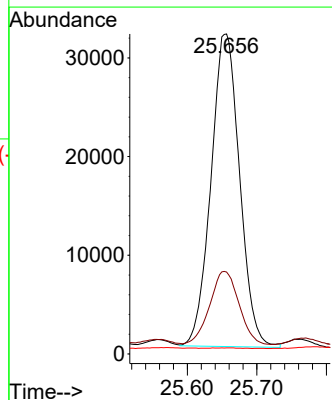
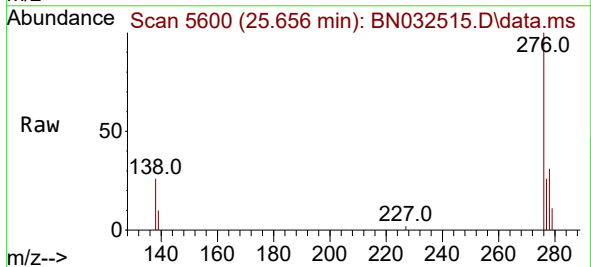
Instrument :
BNA_N
ClientSampleId :
A4CS3DL

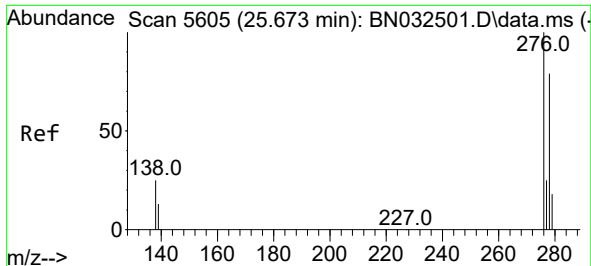
Tgt Ion:252 Resp: 85991
Ion Ratio Lower Upper
252 100
253 25.4 22.2 33.2
125 18.0 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.098 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:276 Resp: 90702
Ion Ratio Lower Upper
276 100
138 24.2 21.3 31.9
227 0.2 0.1 0.1#

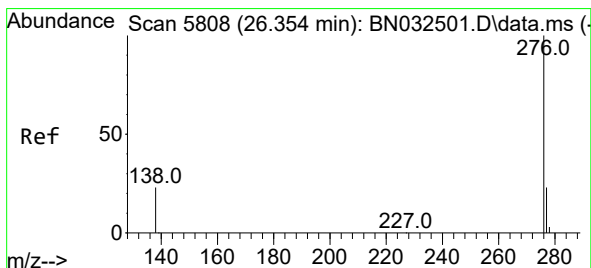
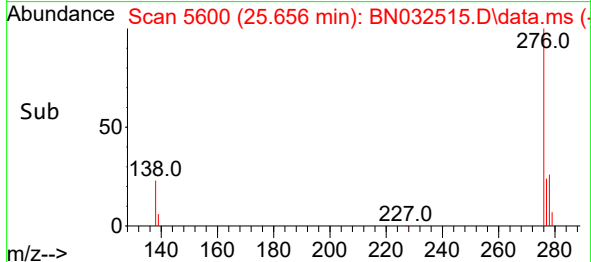
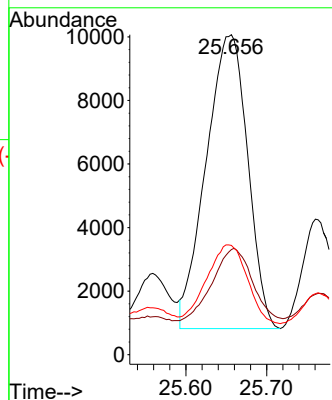
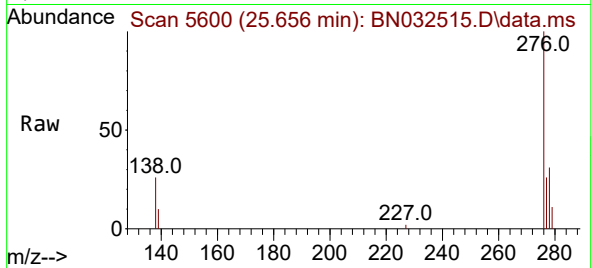




#28
 Dibenzo(a,h)anthracene
 Concen: 0.539 ng/ul
 RT: 25.656 min Scan# 5600
 Delta R.T. -0.010 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3DL

Tgt Ion:278 Resp: 33103
 Ion Ratio Lower Upper
 278 100
 139 32.8 15.9 23.9#
 279 34.1 21.1 31.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.197 ng/ul
 RT: 26.344 min Scan# 5805
 Delta R.T. 0.000 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

Tgt Ion:276 Resp: 12988
 Ion Ratio Lower Upper
 276 100
 138 37.9 19.8 29.6#
 277 36.0 19.8 29.6#

