

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032697.D
 Acq On : 13 Jul 2024 06:40
 Operator : MA/JU
 Sample : P3088-09DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7DL

Quant Time: Jul 15 08:55:03 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)

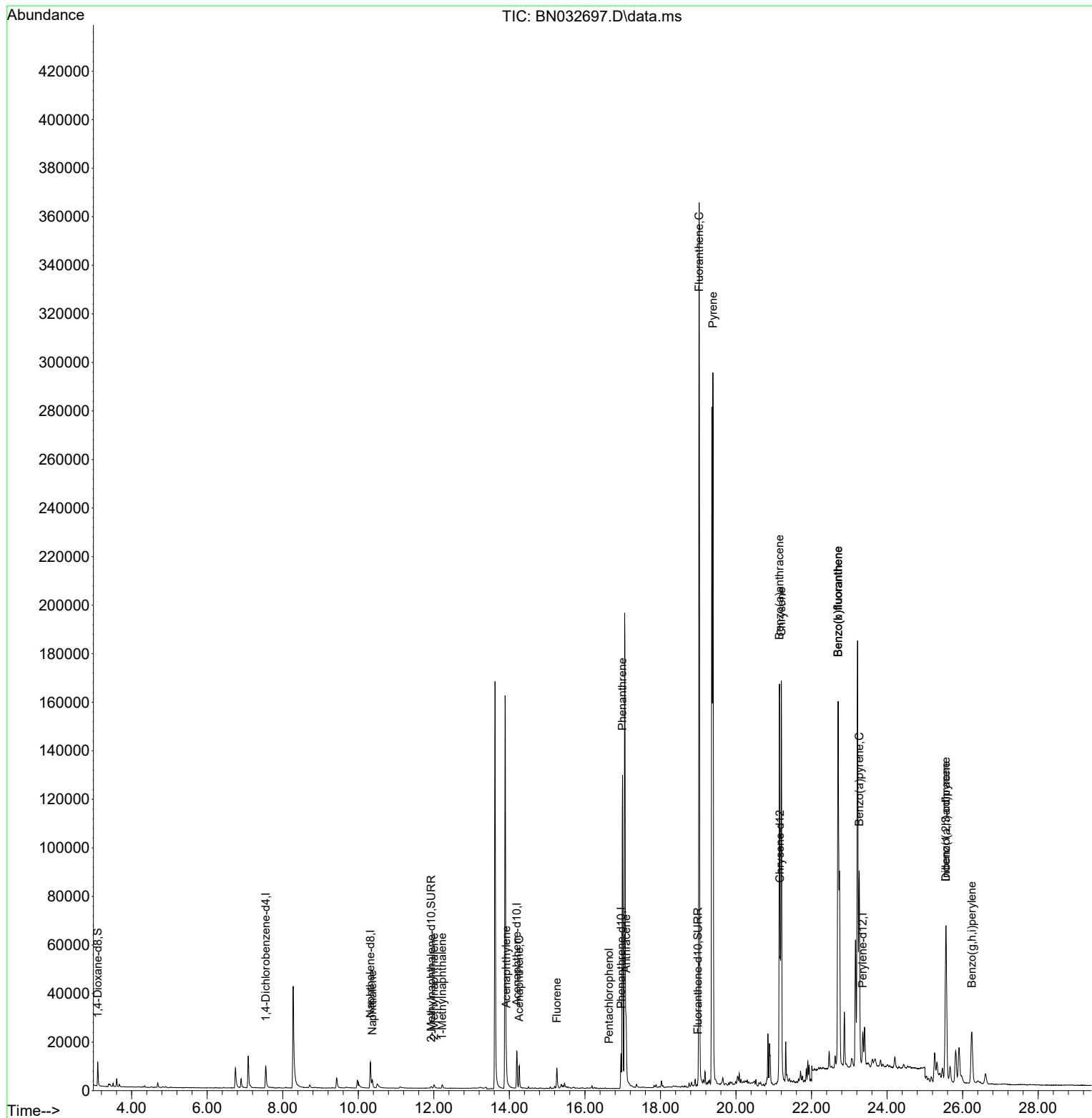
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5954	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	17249	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	9094	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	16990	0.400	ng/ul	-0.03
17) Chrysene-d12	21.165	240	15637	0.400	ng/ul	-0.03
23) Perylene-d12	23.357	264	19269	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	6805	0.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1511	0.058	ng/ul	-0.04
18) Fluoranthene-d10	18.994	212	2824	0.055	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	5054	0.109	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	1611	0.056	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	1297	0.043	ng/ul	100
10) Acenaphthylene	13.920	152	10129	0.276	ng/ul	99
11) Acenaphthene	14.262	153	5827	0.192	ng/ul	100
12) Fluorene	15.257	166	6301	0.181	ng/ul	99
14) Pentachlorophenol	16.640	266	61	0.020	ng/ul#	80
15) Phenanthrene	16.995	178	145043	3.135	ng/ul	99
16) Anthracene	17.092	178	28917	0.765	ng/ul	98
19) Fluoranthene	19.027	202	328942	5.174	ng/ul	98
20) Pyrene	19.389	202	257148	3.908	ng/ul	98
21) Benzo(a)anthracene	21.150	228	144960	2.912	ng/ul	99
22) Chrysene	21.200	228	171228	2.378	ng/ul	98
24) Benzo(b)fluoranthene	22.702	252	333126	4.900	ng/ul	91
25) Benzo(k)fluoranthene	22.702	252	277515	3.349	ng/ul#	91
26) Benzo(a)pyrene	23.263	252	109915	1.868	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.559	276	102493	1.287	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.559	278	28955	0.469	ng/ul	95
29) Benzo(g,h,i)perylene	26.243	276	44613	0.670	ng/ul	99

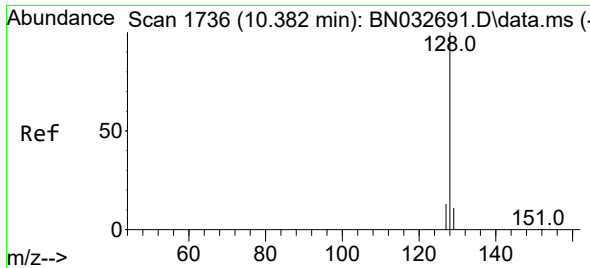
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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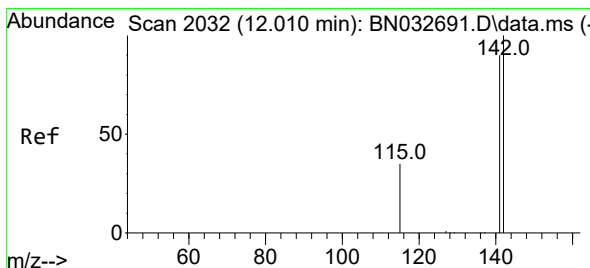
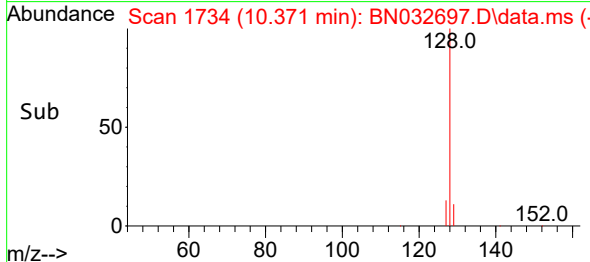
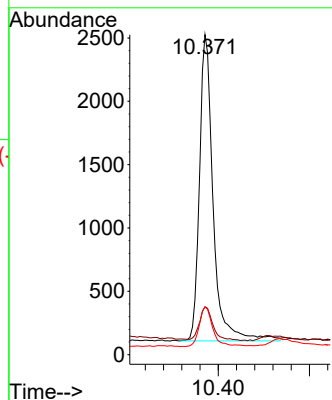
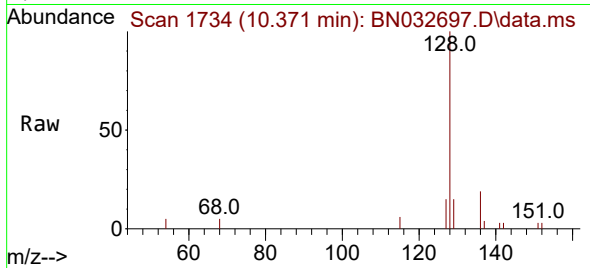




#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

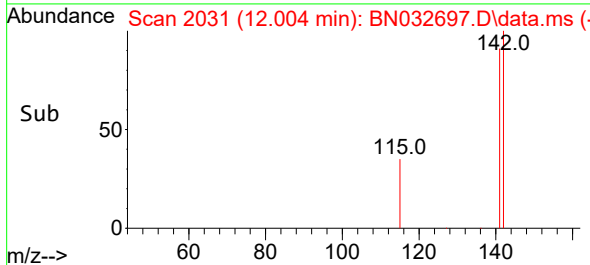
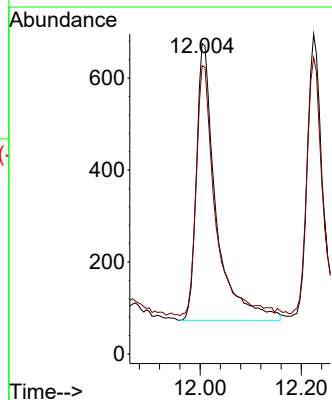
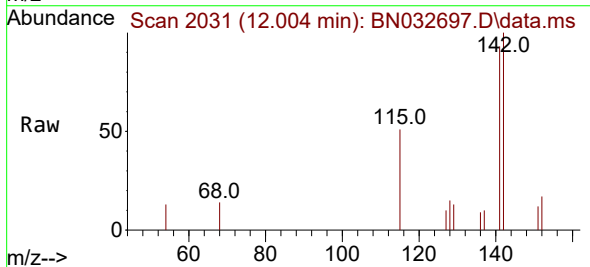
Instrument :
BNA_N
ClientSampleId :
A4BR7DL

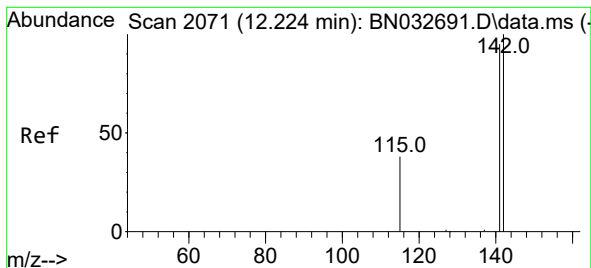
Tgt Ion:128 Resp: 5054
Ion Ratio Lower Upper
128 100
129 14.9 10.0 15.0
127 15.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Tgt Ion:142 Resp: 1611
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.043 ng/ul

RT: 12.224 min Scan# 2071

Delta R.T. -0.022 min

Lab File: BN032697.D

Acq: 13 Jul 2024 06:40

Instrument :

BNA_N

ClientSampleId :

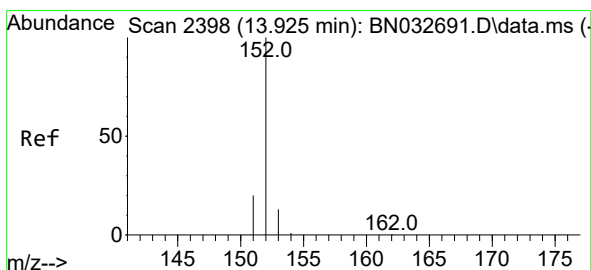
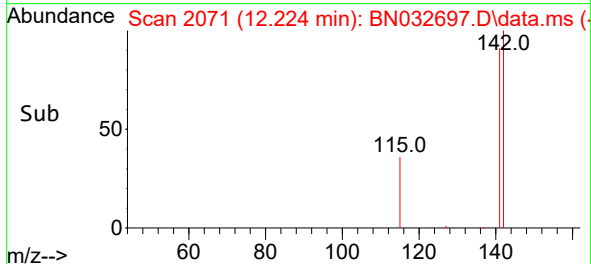
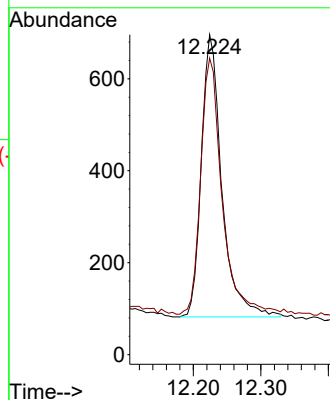
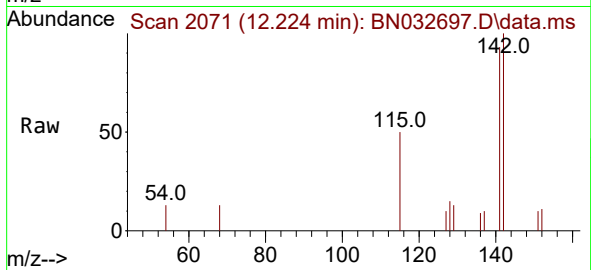
A4BR7DL

Tgt Ion:142 Resp: 1297

Ion Ratio Lower Upper

142 100

141 94.1 75.0 112.4



#10

Acenaphthylene

Concen: 0.276 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032697.D

Acq: 13 Jul 2024 06:40

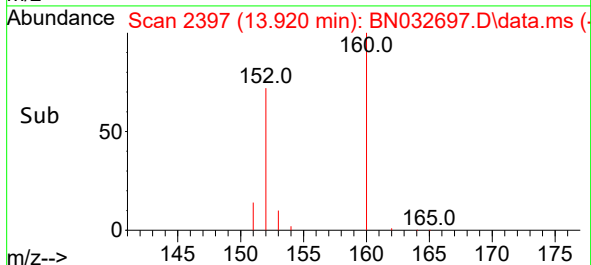
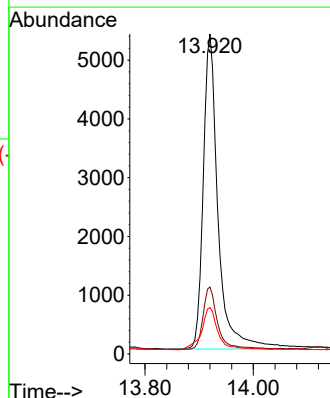
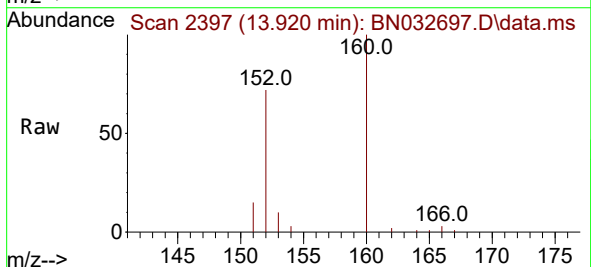
Tgt Ion:152 Resp: 10129

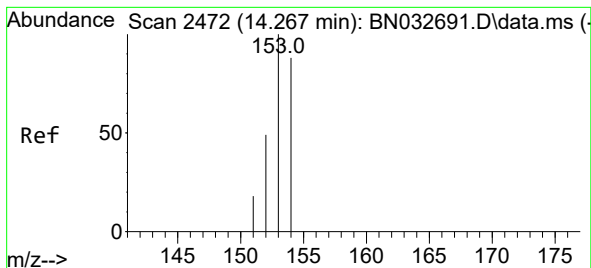
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 14.5 11.3 16.9





#11

Acenaphthene

Concen: 0.192 ng/ul

RT: 14.262 min Scan# 2472

Delta R.T. -0.019 min

Lab File: BN032697.D

Acq: 13 Jul 2024 06:40

Instrument :

BNA_N

ClientSampleId :

A4BR7DL

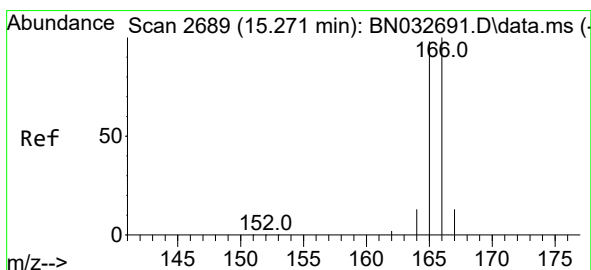
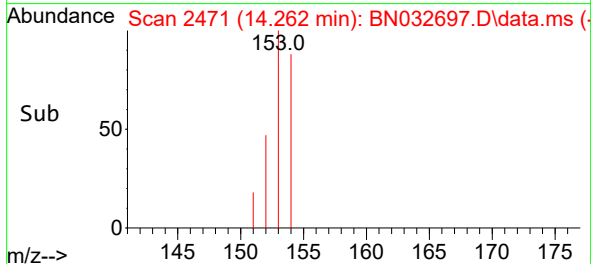
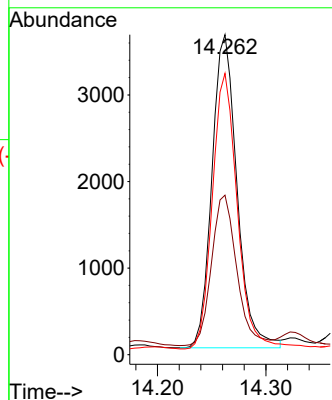
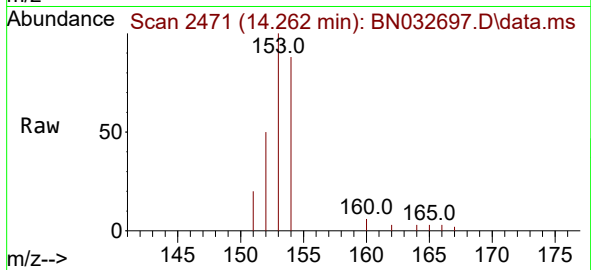
Tgt Ion:153 Resp: 5827

Ion Ratio Lower Upper

153 100

152 49.9 40.0 60.0

154 87.9 70.2 105.4



#12

Fluorene

Concen: 0.181 ng/ul

RT: 15.257 min Scan# 2686

Delta R.T. -0.032 min

Lab File: BN032697.D

Acq: 13 Jul 2024 06:40

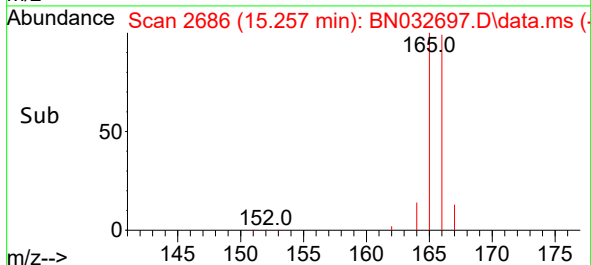
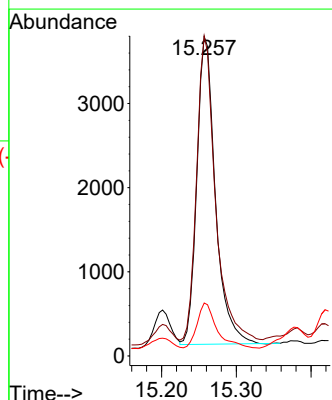
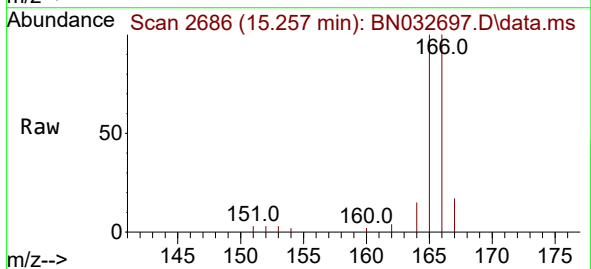
Tgt Ion:166 Resp: 6301

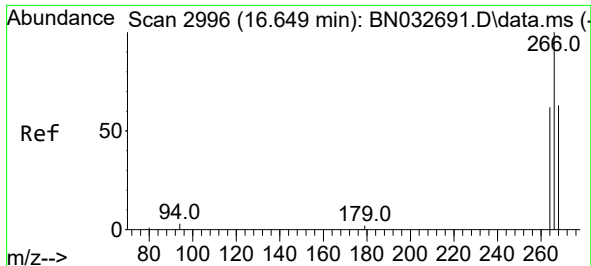
Ion Ratio Lower Upper

166 100

165 100.2 79.7 119.5

167 16.6 11.4 17.2

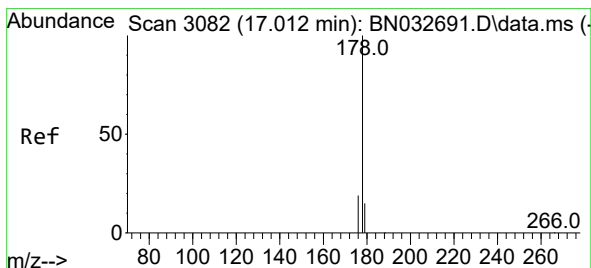
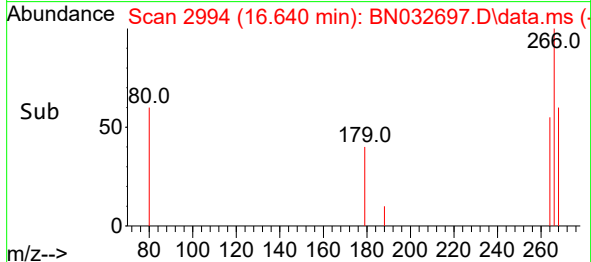
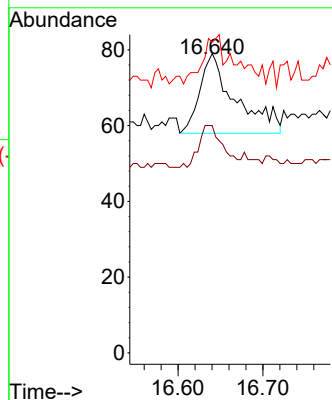
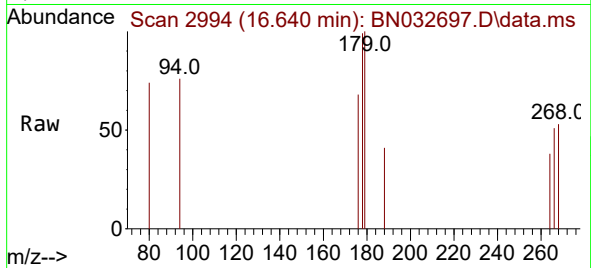




#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.640 min Scan# 2996
Delta R.T. -0.030 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

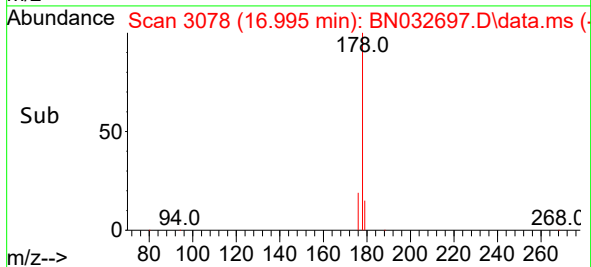
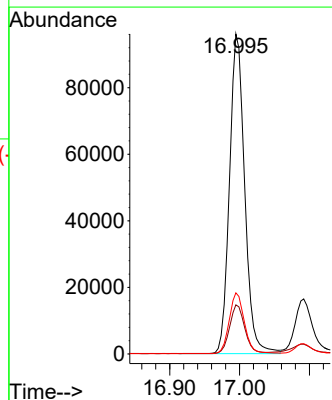
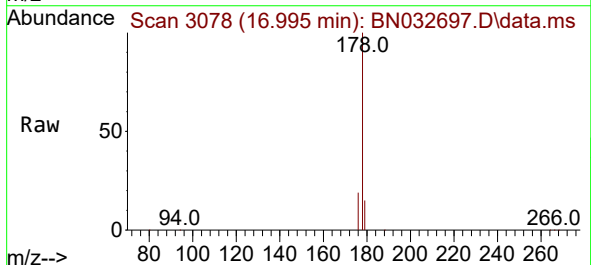
Instrument :
BNA_N
ClientSampleId :
A4BR7DL

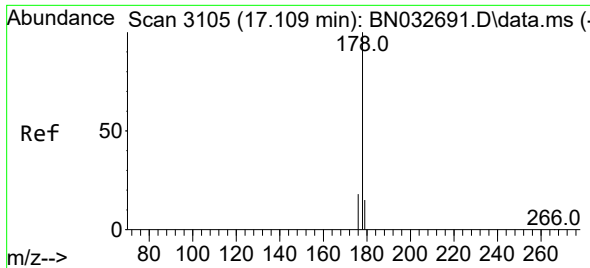
Tgt Ion:266 Resp: 61
Ion Ratio Lower Upper
266 100
264 36.1 49.4 74.2#
268 59.0 51.6 77.4



#15
Phenanthrene
Concen: 3.135 ng/ul
RT: 16.995 min Scan# 3078
Delta R.T. -0.034 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Tgt Ion:178 Resp: 145043
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4

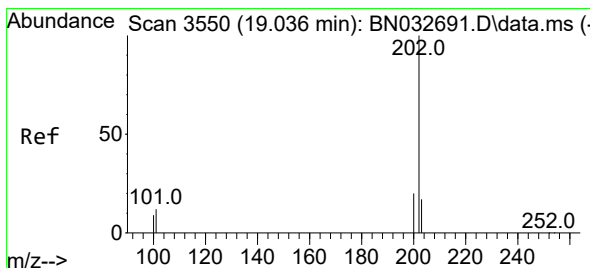
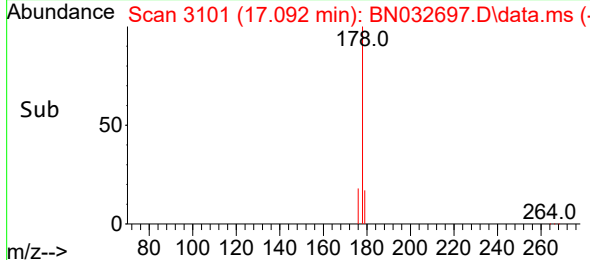
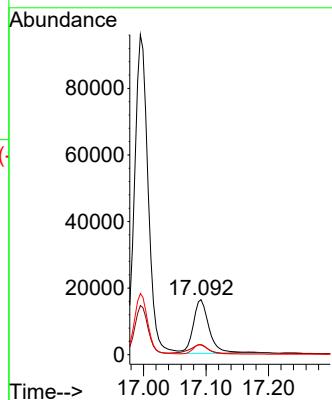
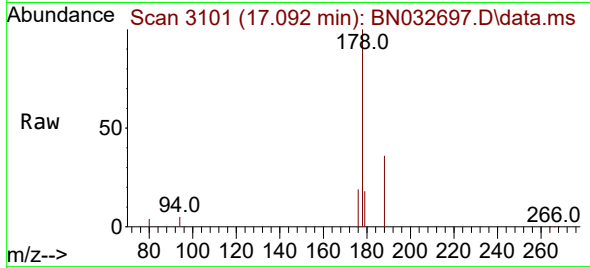




#16
Anthracene
Concen: 0.765 ng/ul
RT: 17.092 min Scan# 3105
Delta R.T. -0.046 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

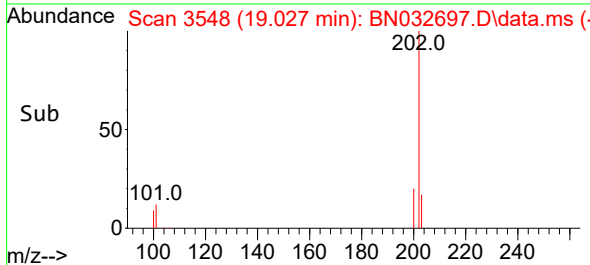
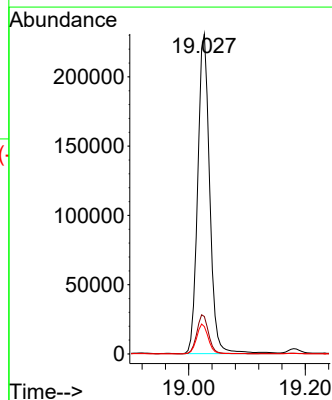
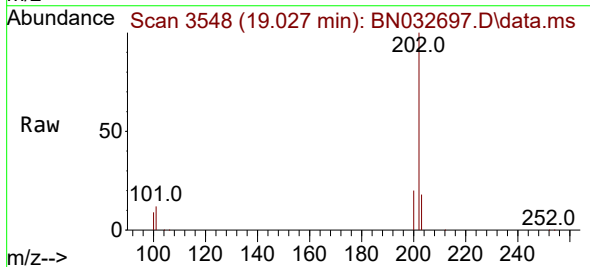
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A4BR7DL

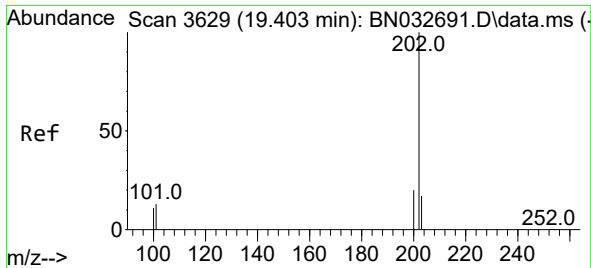
Tgt Ion:178 Resp: 28917
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.2
176 18.8 15.4 23.0



#19
Fluoranthene
Concen: 5.174 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Tgt Ion:202 Resp: 328942
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.6 7.9 11.9

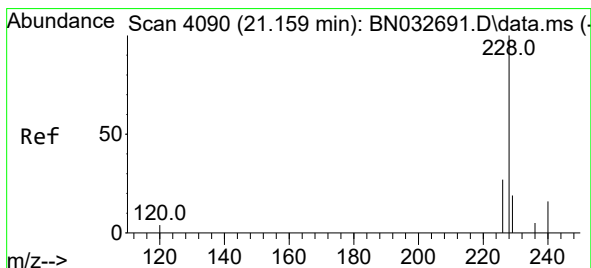
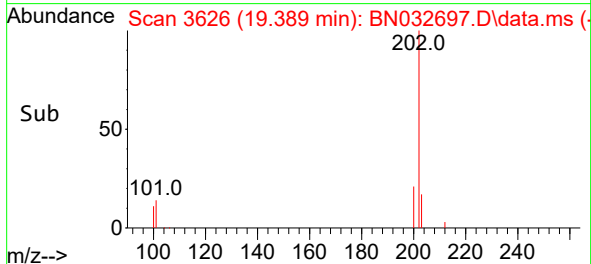
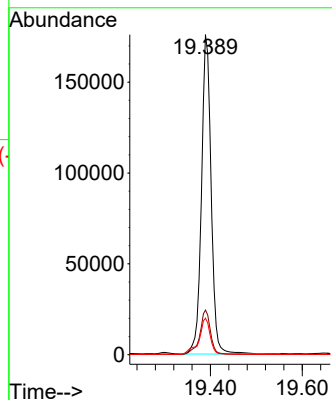
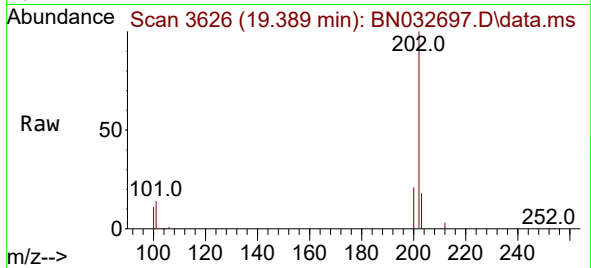




#20
Pyrene
Concen: 3.908 ng/ul
RT: 19.389 min Scan# 30
Delta R.T. -0.033 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

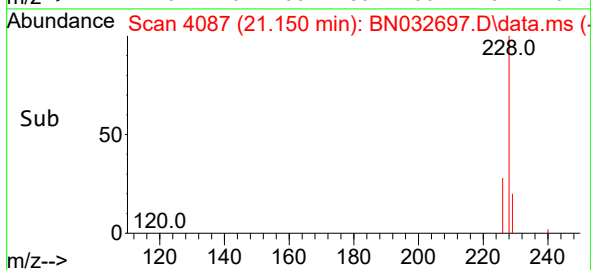
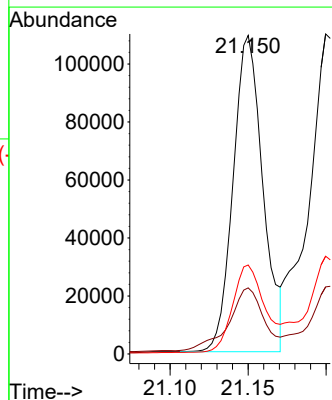
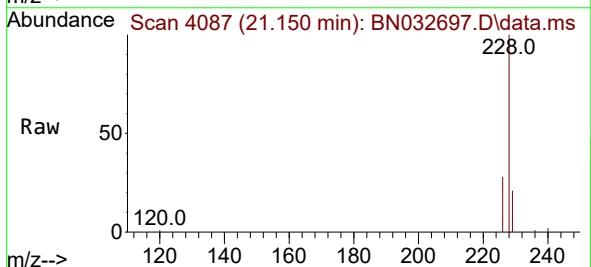
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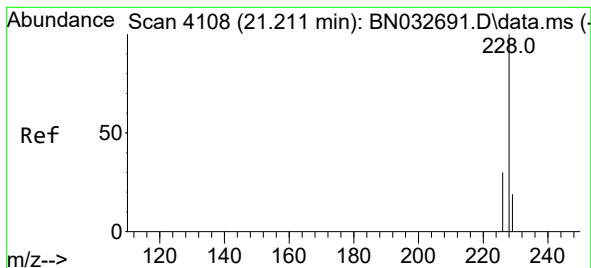
Tgt Ion:202 Resp: 257148
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4



#21
Benzo(a)anthracene
Concen: 2.912 ng/ul
RT: 21.150 min Scan# 4087
Delta R.T. -0.032 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Tgt Ion:228 Resp: 144960
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.9 21.9 32.9





#22

Chrysene

Concen: 2.378 ng/ul

RT: 21.200 min Scan# 4104

Delta R.T. -0.032 min

Lab File: BN032697.D

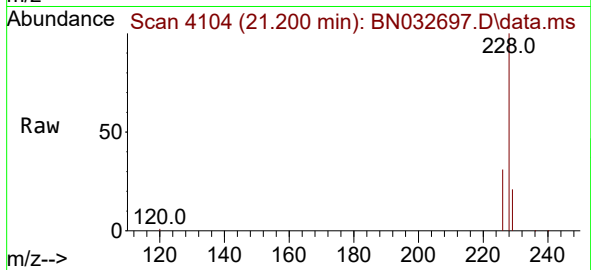
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Instrument :

BNA_N

ClientSampleId :

A4BR7DL



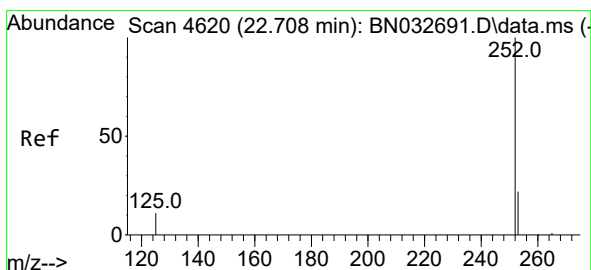
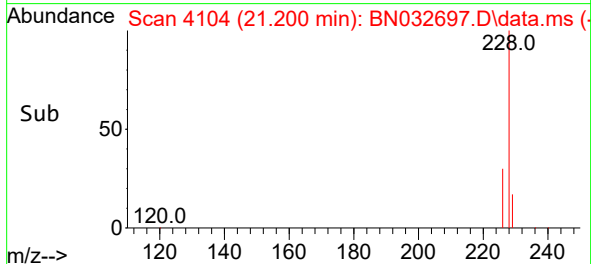
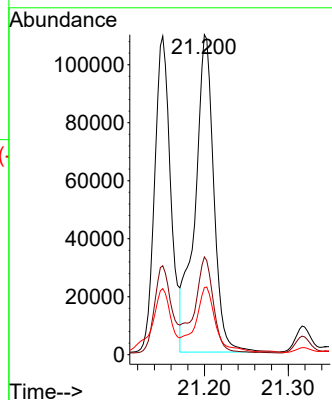
Tgt Ion:228 Resp: 171228

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 21.0 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 4.900 ng/ul

RT: 22.702 min Scan# 4618

Delta R.T. -0.032 min

Lab File: BN032697.D

Acq: 13 Jul 2024 06:40

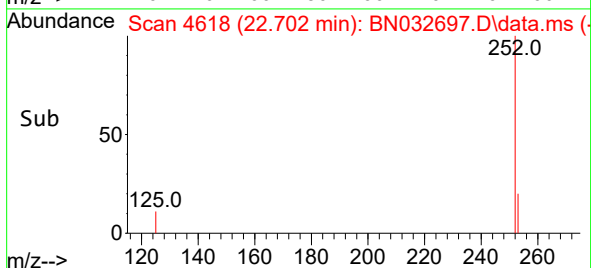
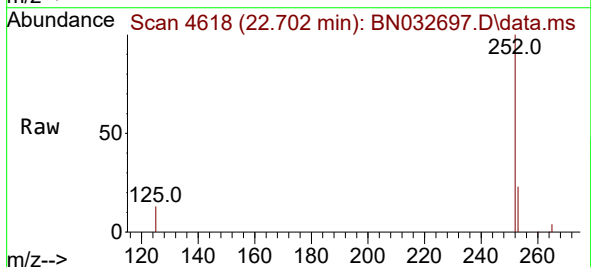
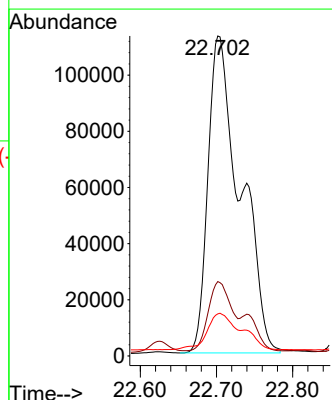
Tgt Ion:252 Resp: 333126

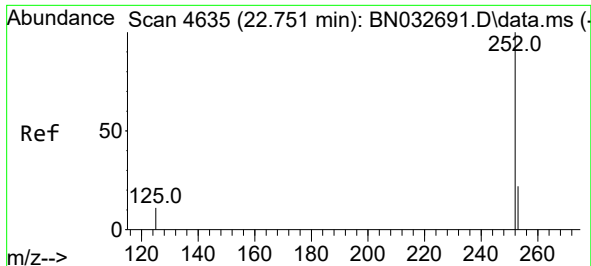
Ion Ratio Lower Upper

252 100

253 23.3 0.0 54.0

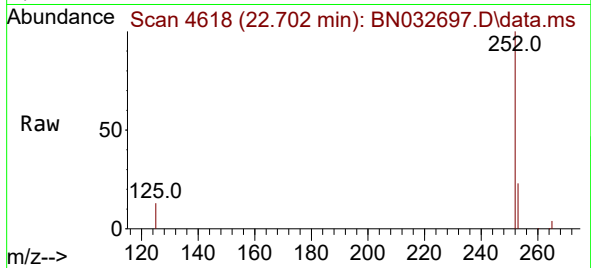
125 13.2 0.0 36.0



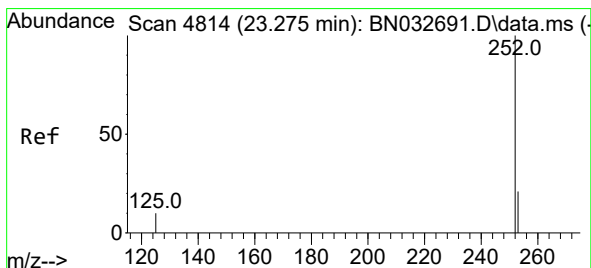
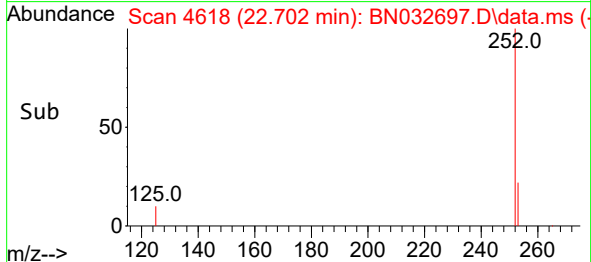
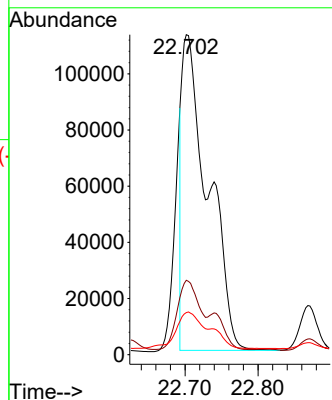


#25
Benzo(k)fluoranthene
Concen: 3.349 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. -0.076 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Instrument :
BNA_N
ClientSampleId :
A4BR7DL

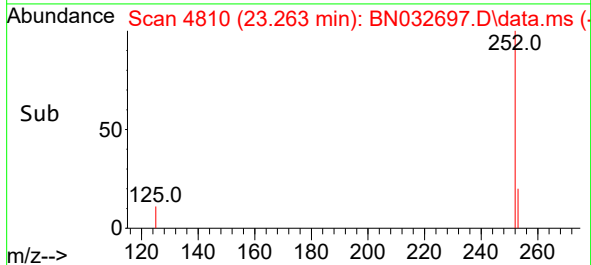
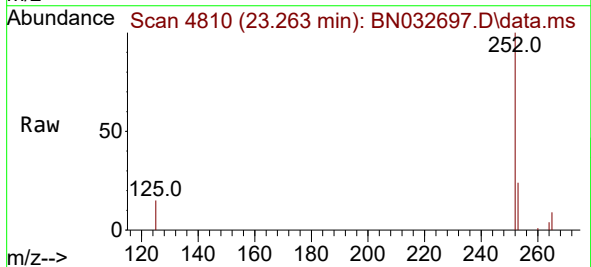
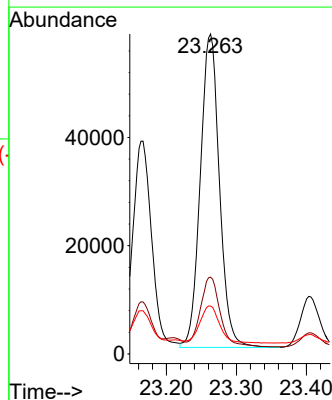


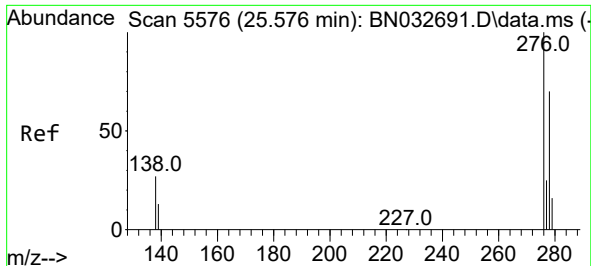
Tgt Ion:252 Resp: 277515
Ion Ratio Lower Upper
252 100
253 23.3 21.2 31.8
125 13.2 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 1.868 ng/ul
RT: 23.263 min Scan# 4810
Delta R.T. -0.047 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Tgt Ion:252 Resp: 109915
Ion Ratio Lower Upper
252 100
253 24.0 25.4 38.0#
125 15.0 20.6 30.8#

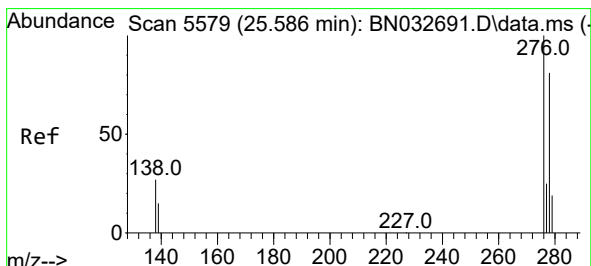
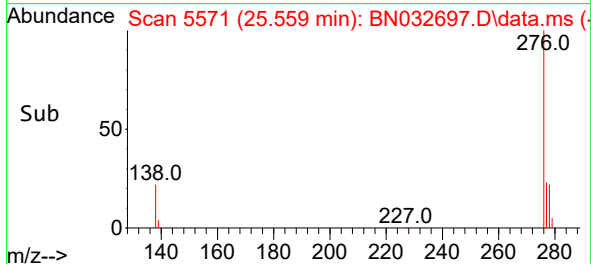
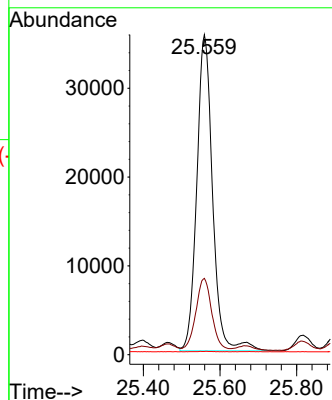
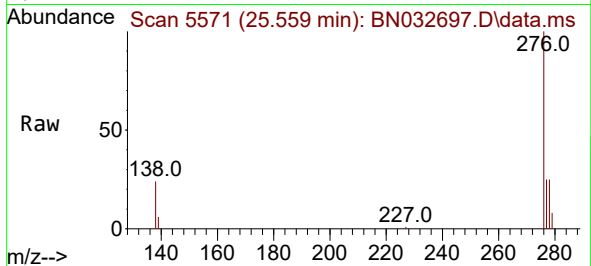




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.287 ng/ul
 RT: 25.559 min Scan# 5571
 Delta R.T. -0.067 min
 Lab File: BN032697.D
 Acq: 13 Jul 2024 06:40

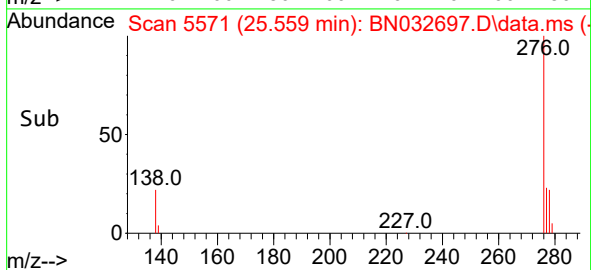
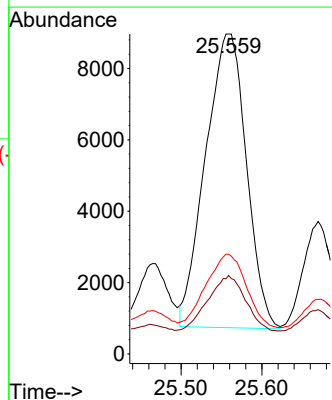
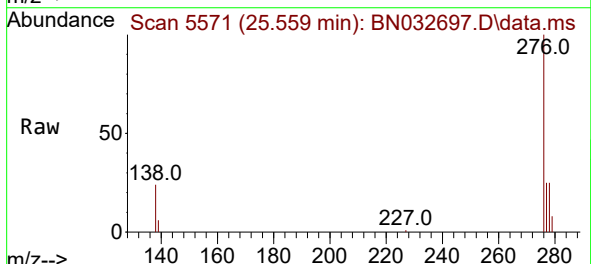
Instrument :
 BNA_N
 ClientSampleId :
 A4BR7DL

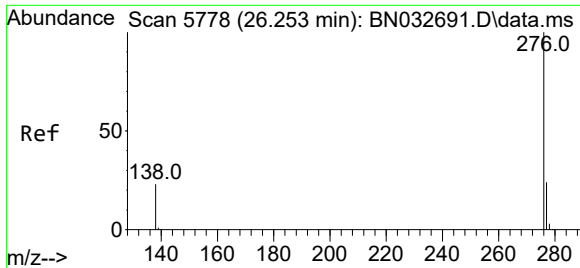
Tgt Ion:276 Resp: 102493
 Ion Ratio Lower Upper
 276 100
 138 22.0 21.6 32.4
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.469 ng/ul
 RT: 25.559 min Scan# 5571
 Delta R.T. -0.081 min
 Lab File: BN032697.D
 Acq: 13 Jul 2024 06:40

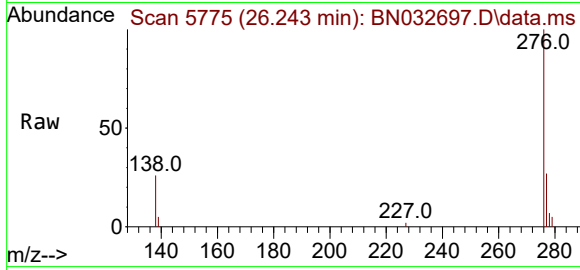
Tgt Ion:278 Resp: 28955
 Ion Ratio Lower Upper
 278 100
 139 24.5 16.6 24.8
 279 31.1 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.670 ng/ul
RT: 26.243 min Scan# 51
Delta R.T. -0.057 min
Lab File: BN032697.D
Acq: 13 Jul 2024 06:40

Instrument :
BNA_N
ClientSampleId :
A4BR7DL



Tgt Ion:276 Resp: 44613
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
277 26.6 20.6 31.0

