

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033002.D
 Acq On : 26 Jul 2024 18:15
 Operator : MA/JU
 Sample : P3264-25MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0MS

Quant Time: Jul 26 23:33:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

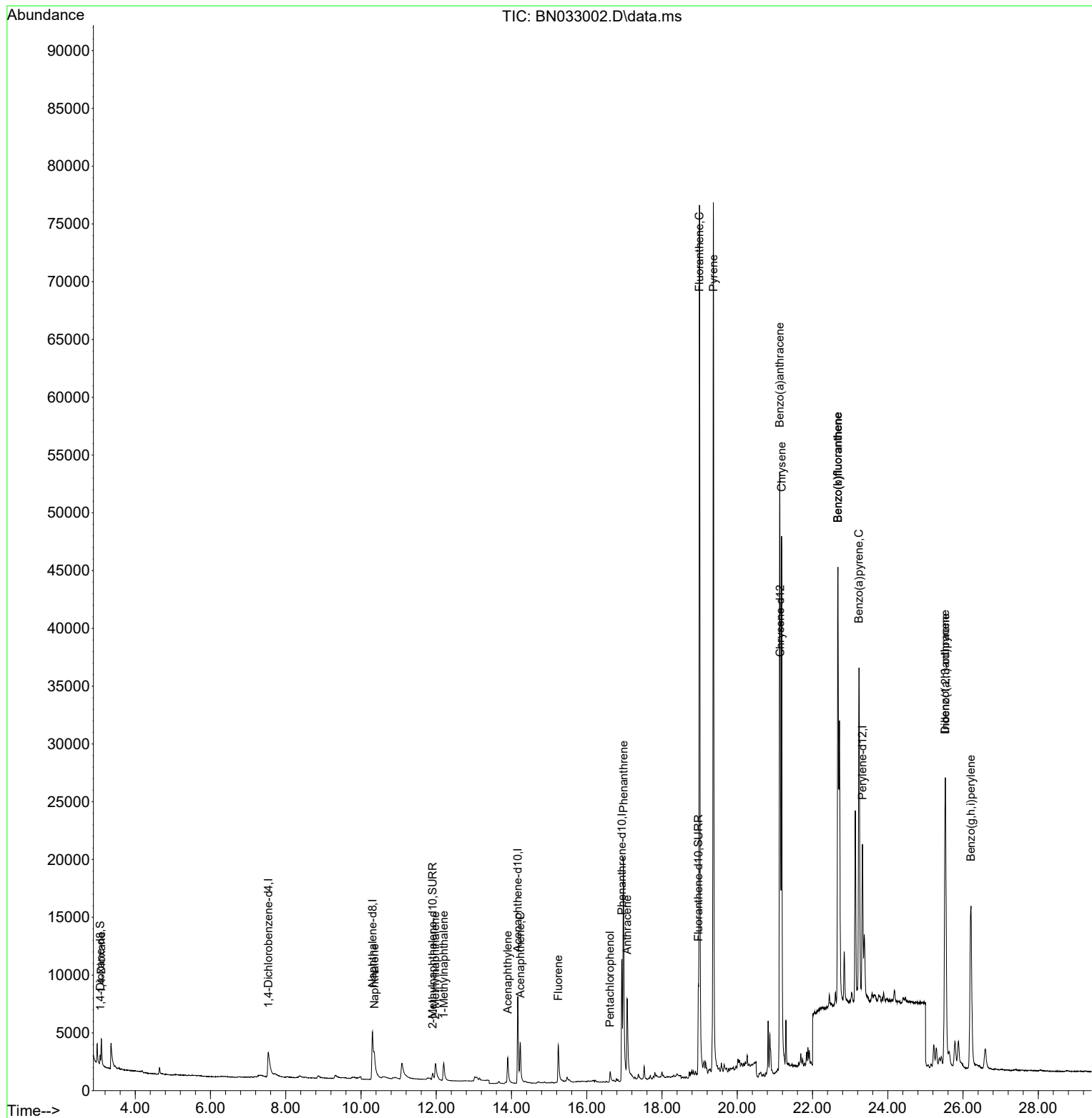
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.537	152	3124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	11775	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	5985	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	16545	0.400	ng/ul	-0.01
17) Chrysene-d12	21.142	240	16121	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264	19211	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	611	0.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	1560	0.081	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	9348	0.205	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	1775	0.394	ng/ul#	87
5) Naphthalene	10.355	128	3787	0.125	ng/ul#	93
7) 2-Methylnaphthalene	11.978	142	1997	0.097	ng/ul	96
8) 1-Methylnaphthalene	12.198	142	1895	0.086	ng/ul	99
10) Acenaphthylene	13.898	152	4184	0.171	ng/ul	96
11) Acenaphthene	14.231	153	2805	0.152	ng/ul	99
12) Fluorene	15.244	166	3533	0.165	ng/ul	97
14) Pentachlorophenol	16.620	266	1029	0.305	ng/ul	98
15) Phenanthrene	16.975	178	26083	0.588	ng/ul	98
16) Anthracene	17.072	178	11396	0.286	ng/ul	99
19) Fluoranthene	18.995	202	73652	1.388	ng/ul	98
20) Pyrene	19.367	202	72973	1.282	ng/ul	96
21) Benzo(a)anthracene	21.128	228	49185	0.894	ng/ul	99
22) Chrysene	21.177	228	47613	0.742	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	89926	1.602	ng/ul	87
25) Benzo(k)fluoranthene	22.674	252	89968	1.338	ng/ul#	86
26) Benzo(a)pyrene	23.235	252	44133	0.836	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.530	276	36802	0.458	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.527	278	17693	0.278	ng/ul	96
29) Benzo(g,h,i)perylene	26.211	276	32384	0.507	ng/ul	95

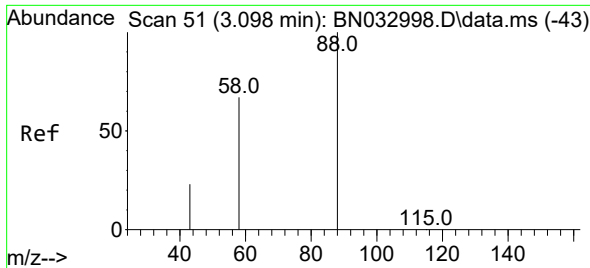
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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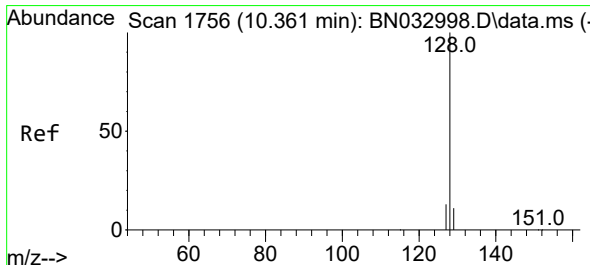
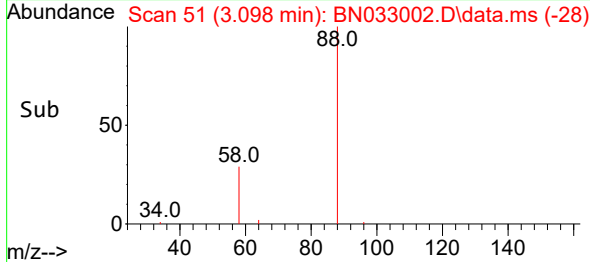
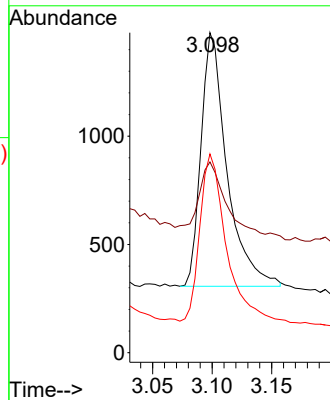
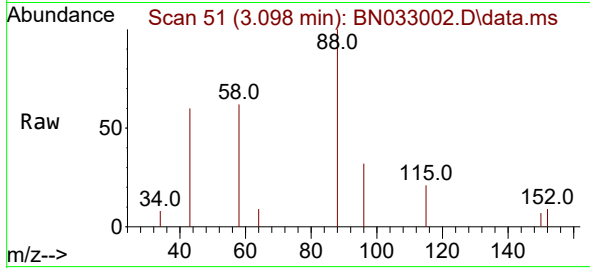




#2
 1,4-Dioxane
 Concen: 0.394 ng/ul
 RT: 3.098 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN033002.D
 Acq: 26 Jul 2024 18:15

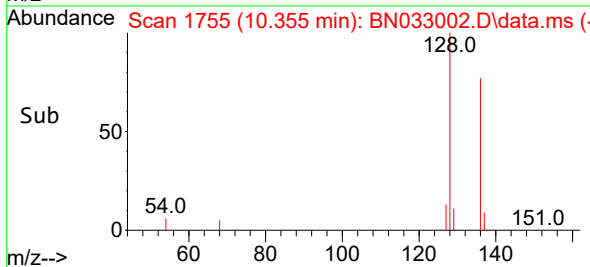
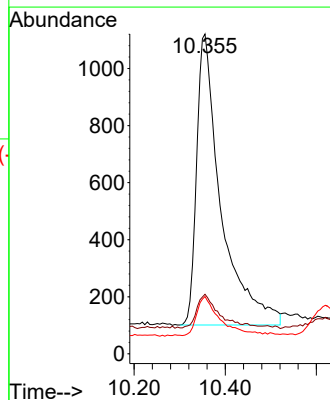
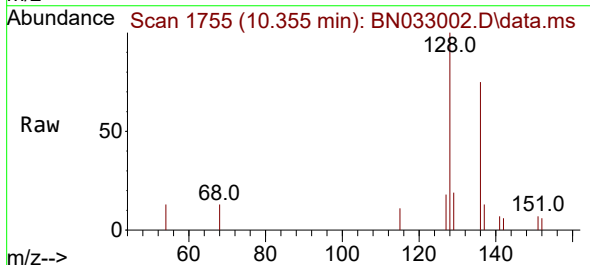
Instrument :
 BNA_N
 ClientSampleId :
 A4CN0MS

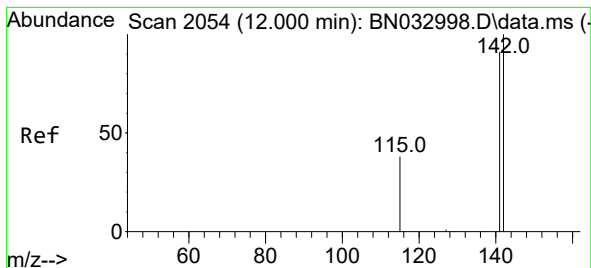
Tgt Ion: 88 Resp: 1775
 Ion Ratio Lower Upper
 88 100
 43 59.6 63.4 95.2#
 58 62.1 49.4 74.0



#5
 Naphthalene
 Concen: 0.125 ng/ul
 RT: 10.355 min Scan# 1755
 Delta R.T. 0.006 min
 Lab File: BN033002.D
 Acq: 26 Jul 2024 18:15

Tgt Ion: 128 Resp: 3787
 Ion Ratio Lower Upper
 128 100
 129 18.6 12.0 18.0#
 127 17.9 12.7 19.1

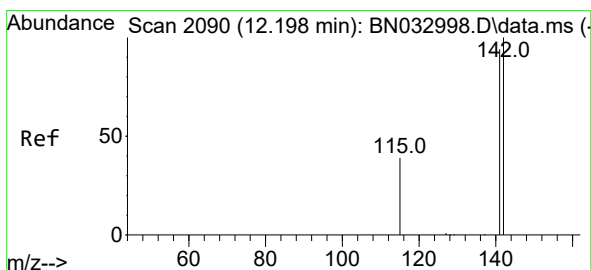
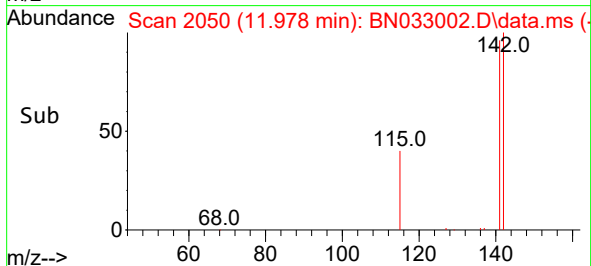
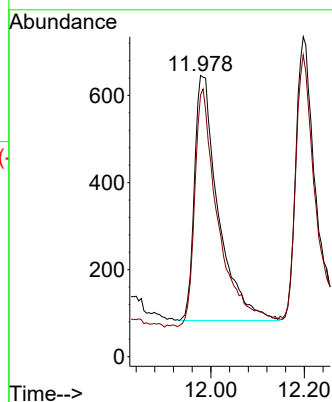
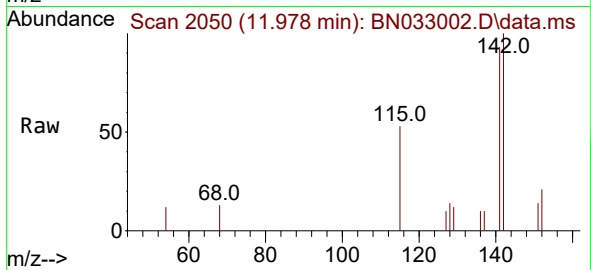




#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

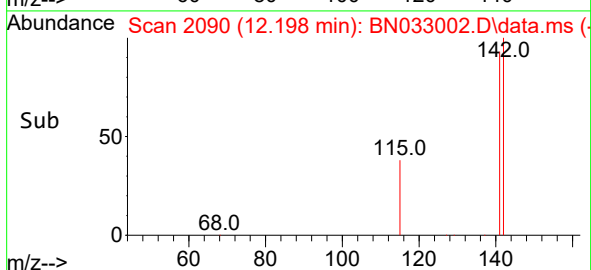
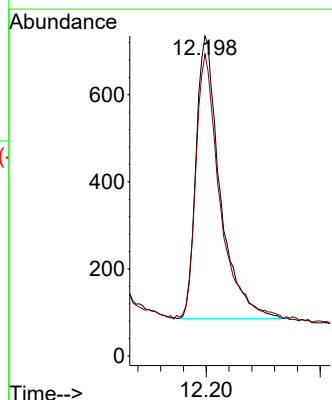
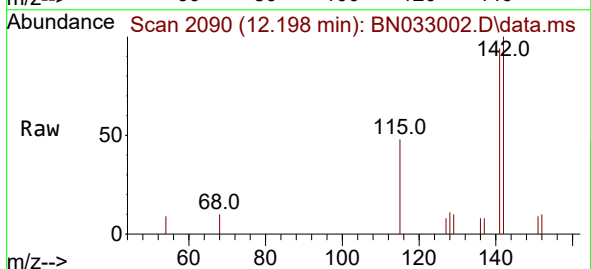
Instrument :
BNA_N
ClientSampleId :
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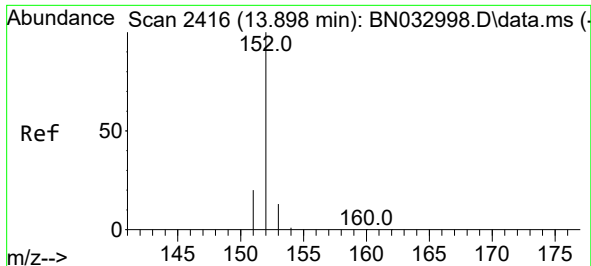
Tgt Ion:142 Resp: 1997
Ion Ratio Lower Upper
142 100
141 97.5 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:142 Resp: 1895
Ion Ratio Lower Upper
142 100
141 94.3 74.3 111.5

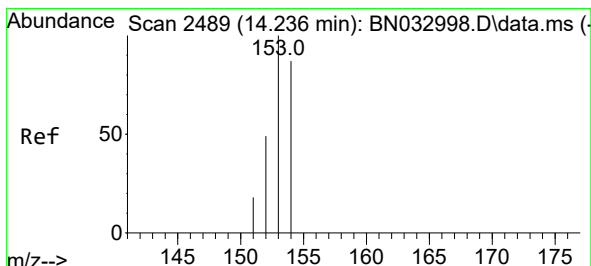
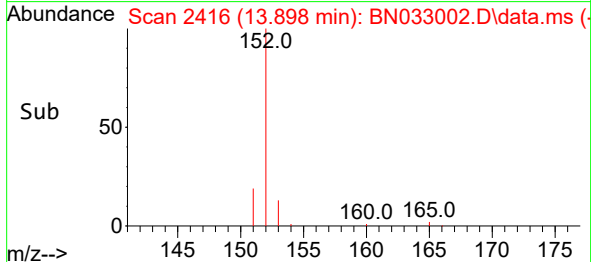
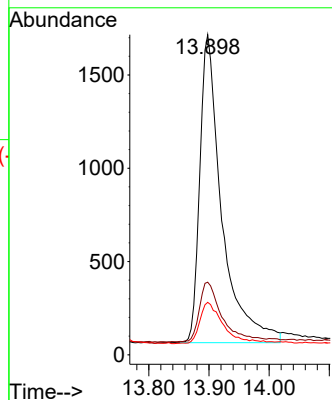
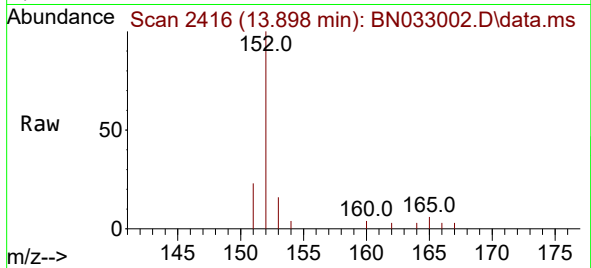




#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

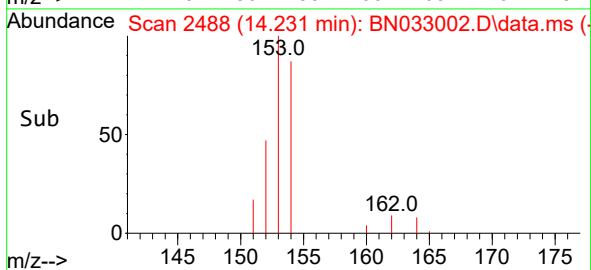
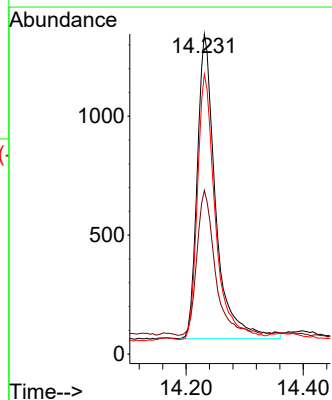
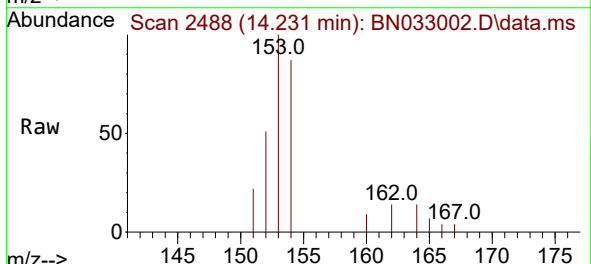
Instrument :
BNA_N
ClientSampleId :
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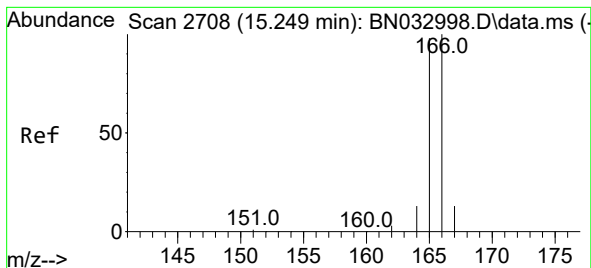
Tgt Ion:152 Resp: 4184
Ion Ratio Lower Upper
152 100
151 22.7 16.8 25.2
153 16.4 11.9 17.9



#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:153 Resp: 2805
Ion Ratio Lower Upper
153 100
152 51.1 40.0 60.0
154 87.4 70.1 105.1





#12

Fluorene

Concen: 0.165 ng/ul

RT: 15.244 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033002.D

Acq: 26 Jul 2024 18:15

Instrument :

BNA_N

ClientSampleId :

A4CN0MS

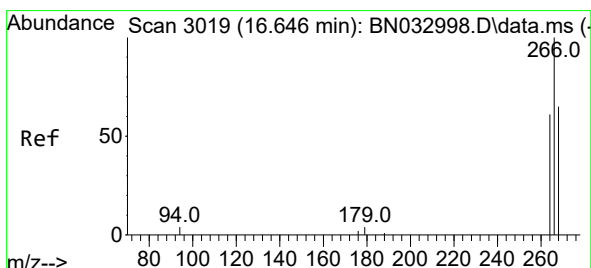
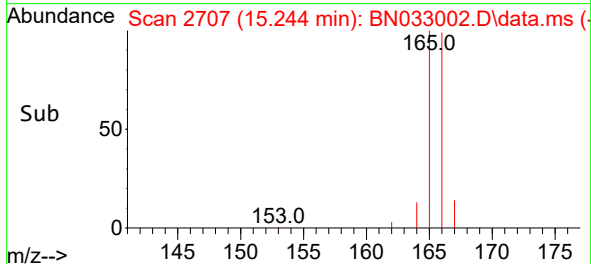
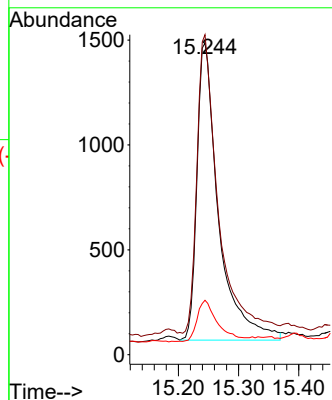
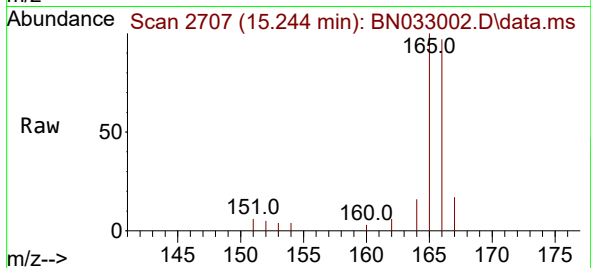
Tgt Ion:166 Resp: 3533

Ion Ratio Lower Upper

166 100

165 102.7 79.6 119.4

167 17.4 12.2 18.4



#14

Pentachlorophenol

Concen: 0.305 ng/ul

RT: 16.620 min Scan# 3013

Delta R.T. -0.017 min

Lab File: BN033002.D

Acq: 26 Jul 2024 18:15

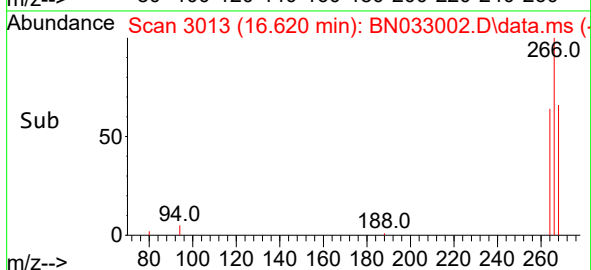
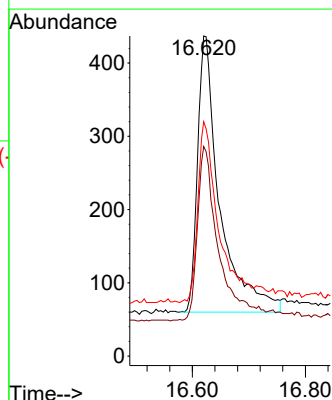
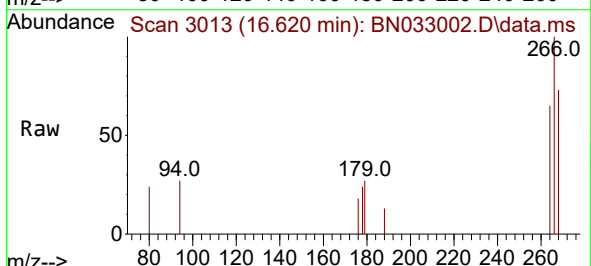
Tgt Ion:266 Resp: 1029

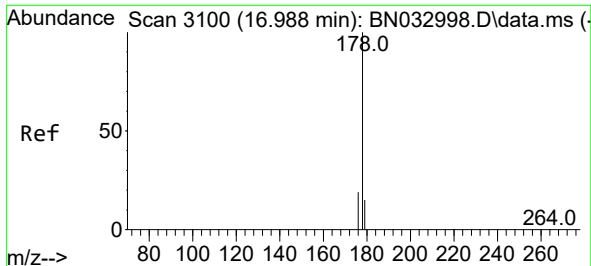
Ion Ratio Lower Upper

266 100

264 63.0 49.3 73.9

268 65.9 51.8 77.8

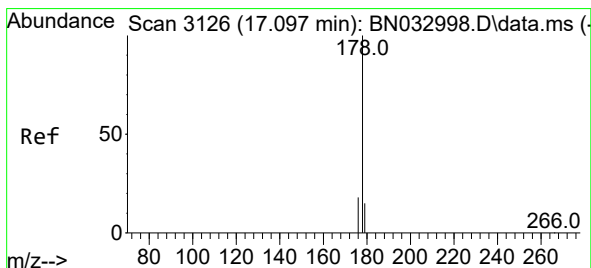
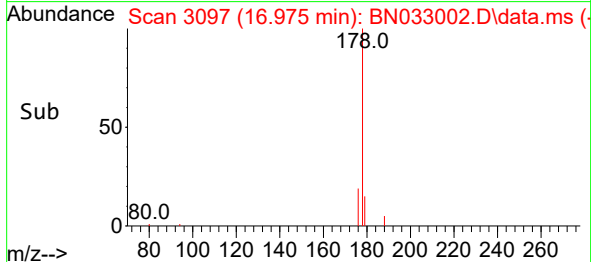
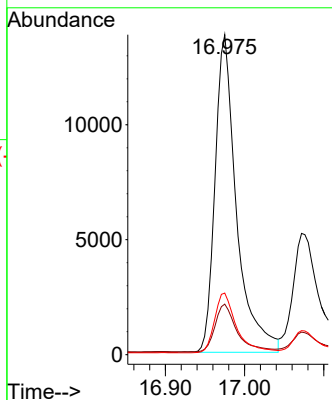
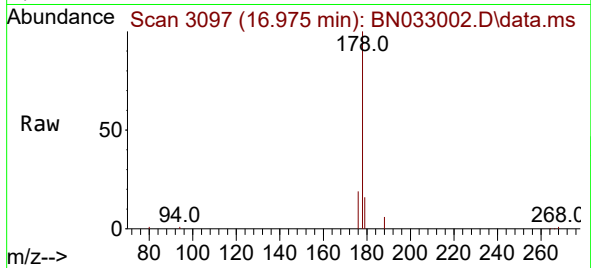




#15
Phenanthrene
Concen: 0.588 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.013 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

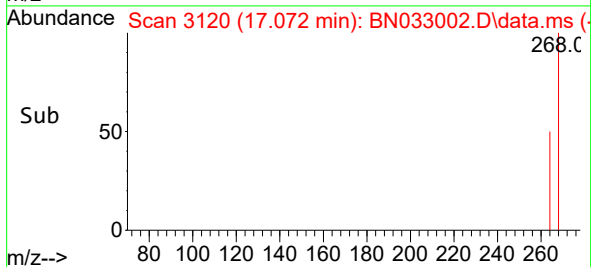
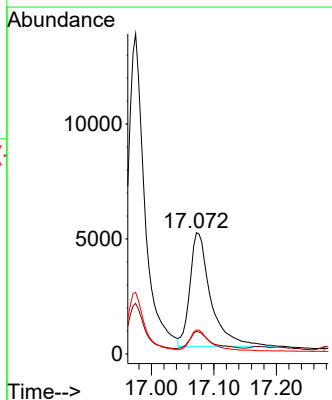
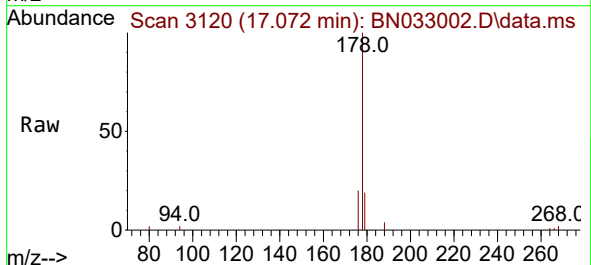
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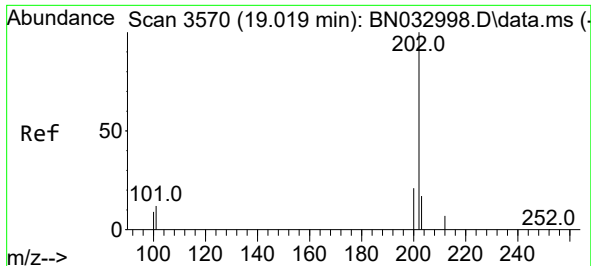
Tgt Ion:178 Resp: 26083
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 19.2 15.9 23.9



#16
Anthracene
Concen: 0.286 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:178 Resp: 11396
Ion Ratio Lower Upper
178 100
179 18.6 14.3 21.5
176 19.8 15.8 23.8

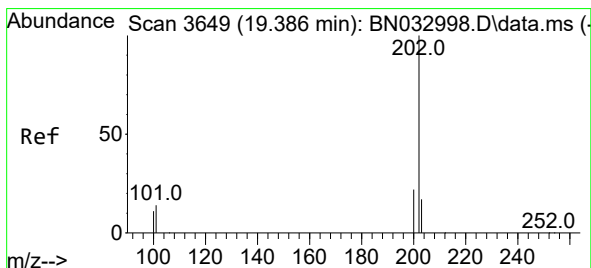
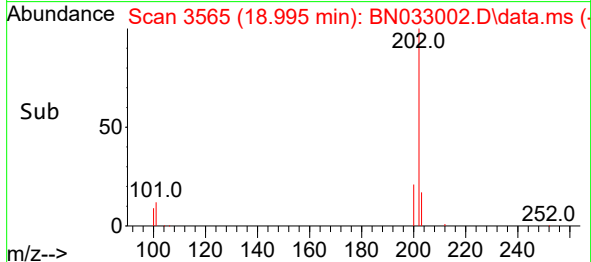
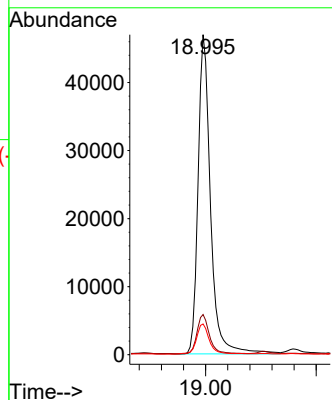
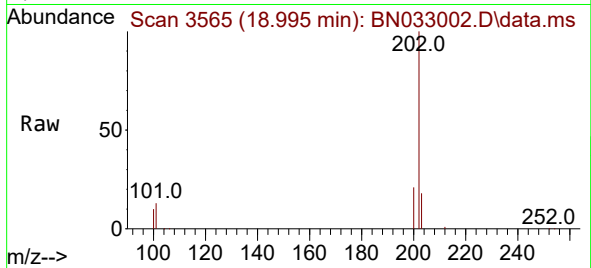




#19
Fluoranthene
Concen: 1.388 ng/ul
RT: 18.995 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

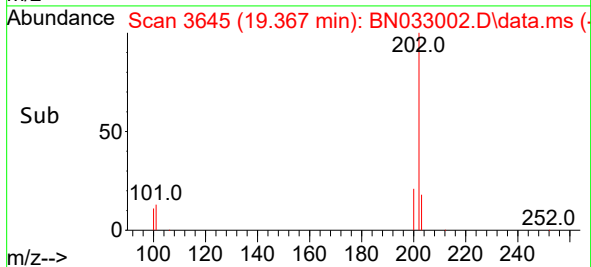
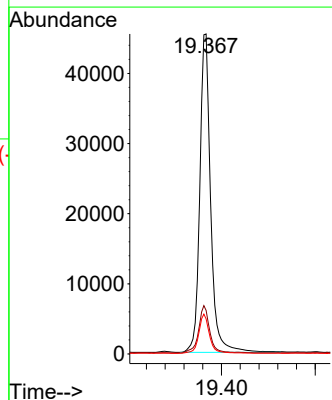
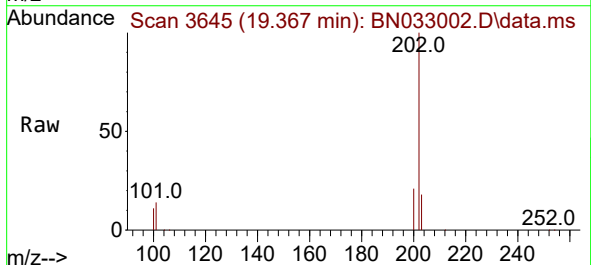
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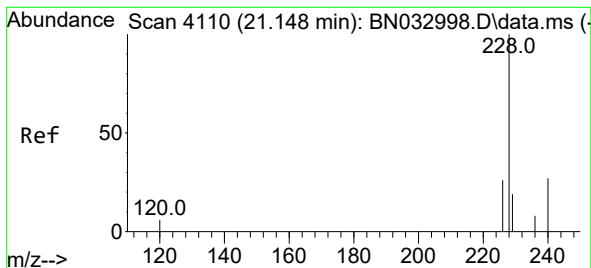
Tgt Ion:202 Resp: 73652
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.6 8.3 12.5



#20
Pyrene
Concen: 1.282 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:202 Resp: 72973
Ion Ratio Lower Upper
202 100
101 13.6 12.6 18.8
100 11.0 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.894 ng/ul

RT: 21.128 min Scan# 4110

Delta R.T. -0.017 min

Lab File: BN033002.D

Acq: 26 Jul 2024 18:15

Instrument :

BNA_N

ClientSampleId :

A4CN0MS

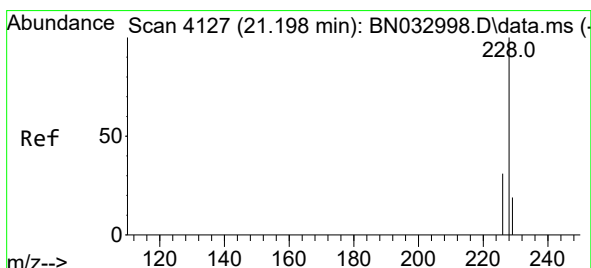
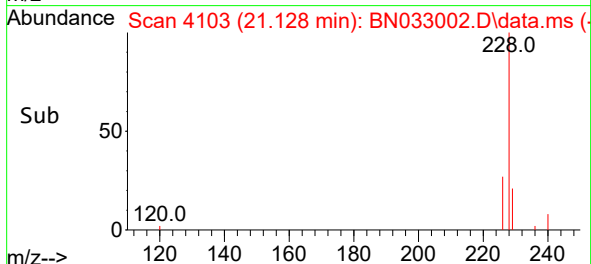
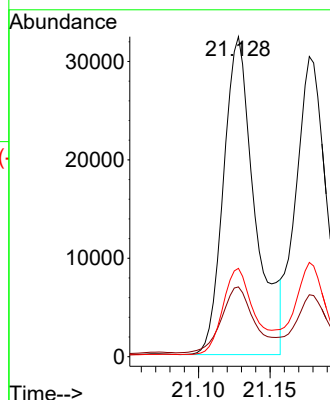
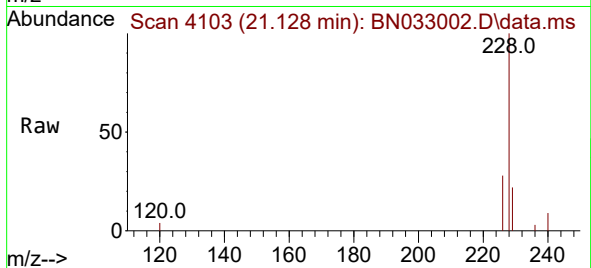
Tgt Ion:228 Resp: 49185

Ion Ratio Lower Upper

228 100

229 21.8 17.1 25.7

226 27.6 22.4 33.6



#22

Chrysene

Concen: 0.742 ng/ul

RT: 21.177 min Scan# 4120

Delta R.T. -0.017 min

Lab File: BN033002.D

Acq: 26 Jul 2024 18:15

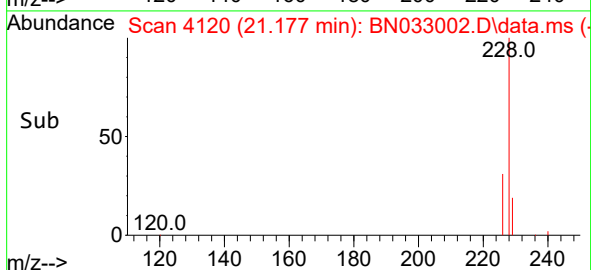
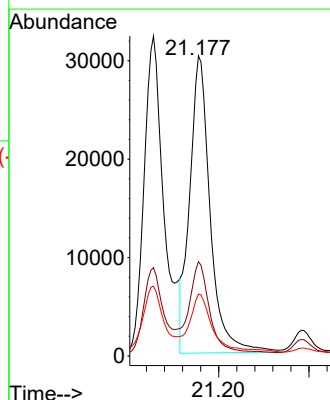
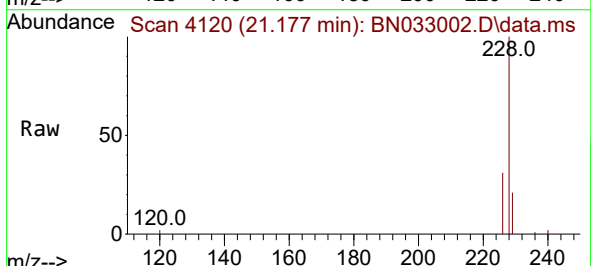
Tgt Ion:228 Resp: 47613

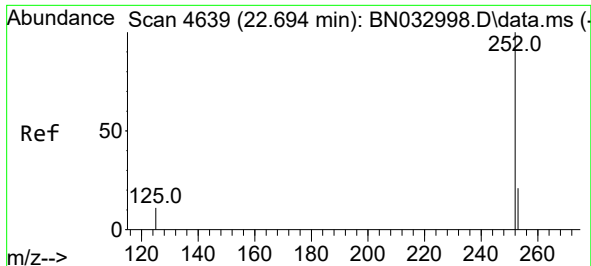
Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 20.6 17.0 25.6

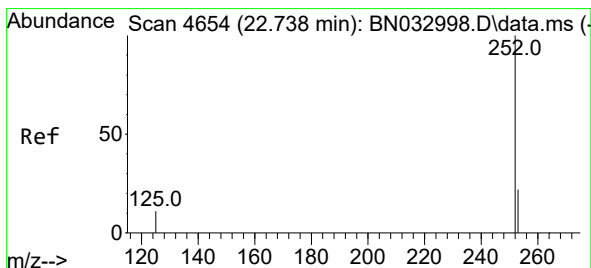
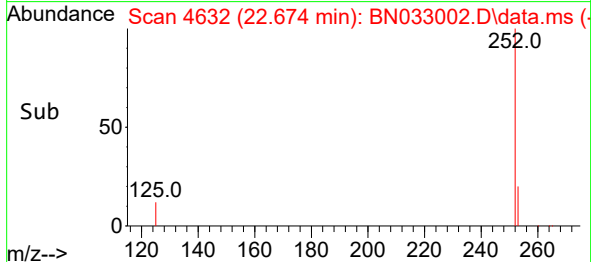
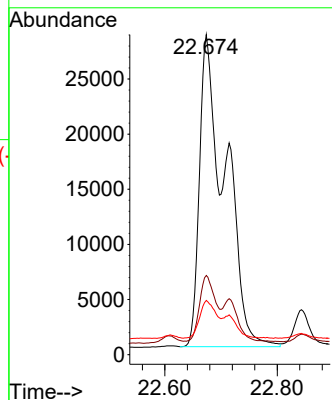
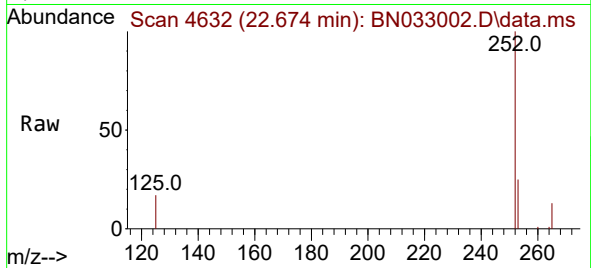




#24
Benzo(b)fluoranthene
Concen: 1.602 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.020 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

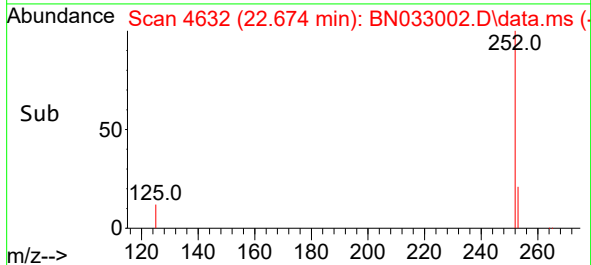
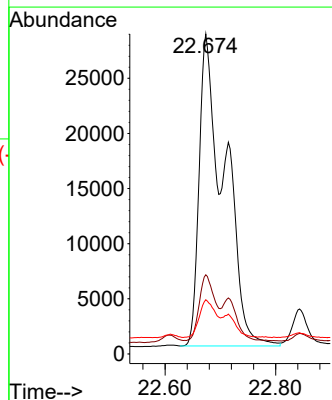
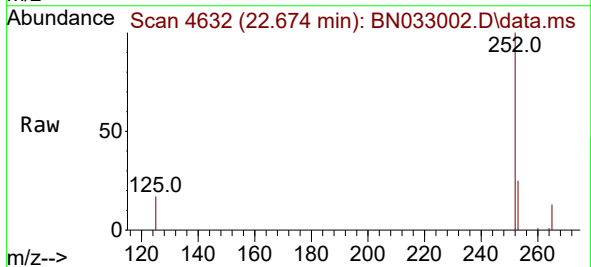
Instrument :
BNA_N
ClientSampleId :
A4CN0MS

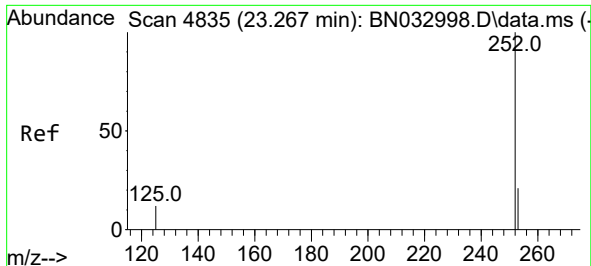
Tgt Ion:252 Resp: 89926
Ion Ratio Lower Upper
252 100
253 24.7 0.0 60.6
125 16.9 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 1.338 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.061 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:252 Resp: 89968
Ion Ratio Lower Upper
252 100
253 24.7 24.9 37.3#
125 16.9 20.9 31.3#

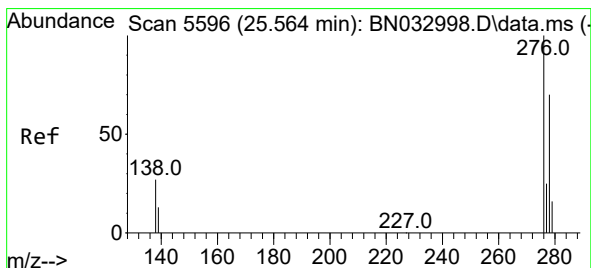
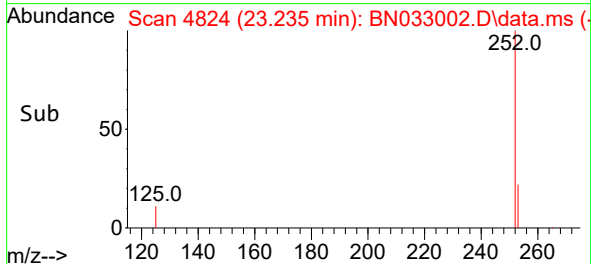
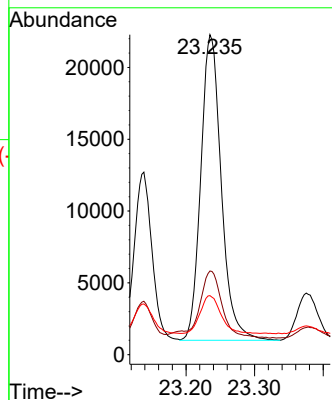
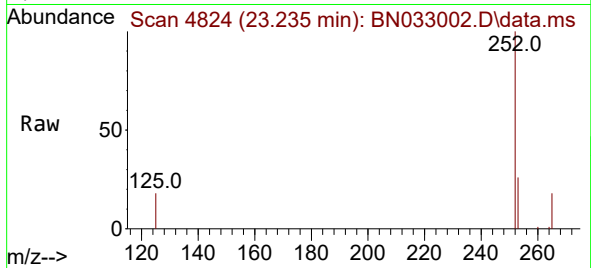




#26
Benzo(a)pyrene
Concen: 0.836 ng/ul
RT: 23.235 min Scan# 41
Delta R.T. -0.026 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

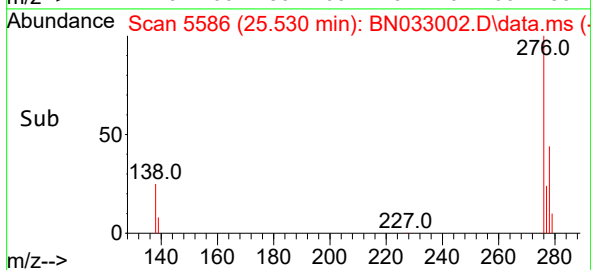
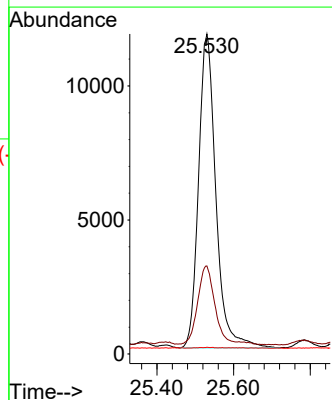
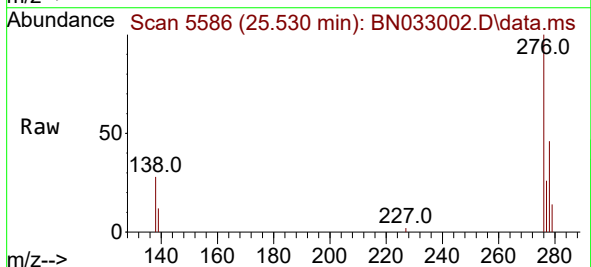
Instrument :
BNA_N
ClientSampleId :
A4CN0MS

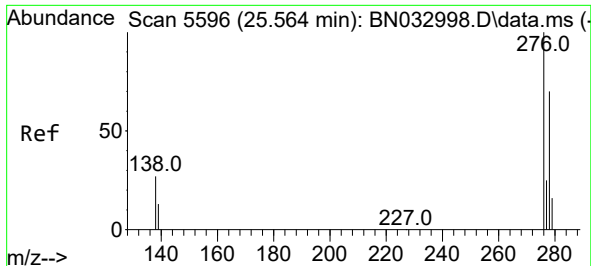
Tgt Ion:252 Resp: 44133
Ion Ratio Lower Upper
252 100
253 26.2 27.5 41.3#
125 18.5 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.030 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:276 Resp: 36802
Ion Ratio Lower Upper
276 100
138 25.5 21.8 32.8
227 0.1 0.2 0.2#

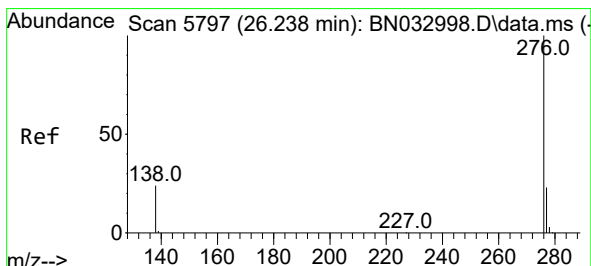
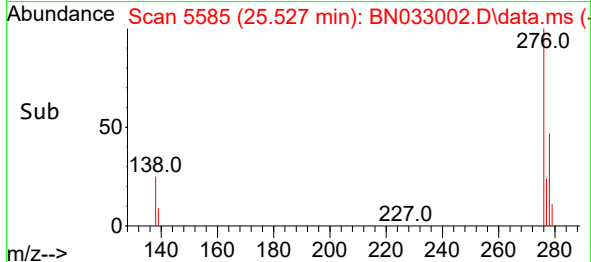
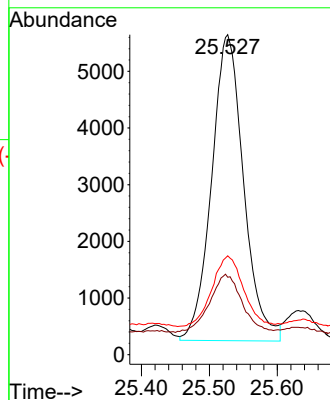
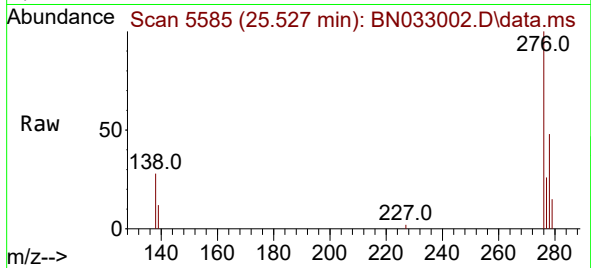




#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 25.527 min Scan# 51
Delta R.T. -0.033 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Instrument :
BNA_N
ClientSampleId :
A4CN0MS

Tgt Ion:278 Resp: 17693
Ion Ratio Lower Upper
278 100
139 24.2 22.5 33.7
279 30.9 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.507 ng/ul
RT: 26.211 min Scan# 5789
Delta R.T. -0.030 min
Lab File: BN033002.D
Acq: 26 Jul 2024 18:15

Tgt Ion:276 Resp: 32384
Ion Ratio Lower Upper
276 100
138 26.9 24.6 37.0
277 26.5 22.6 34.0

