

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033077.D
 Acq On : 29 Jul 2024 20:50
 Operator : MA/JU
 Sample : P3347-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY8

Quant Time: Jul 29 23:07:47 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

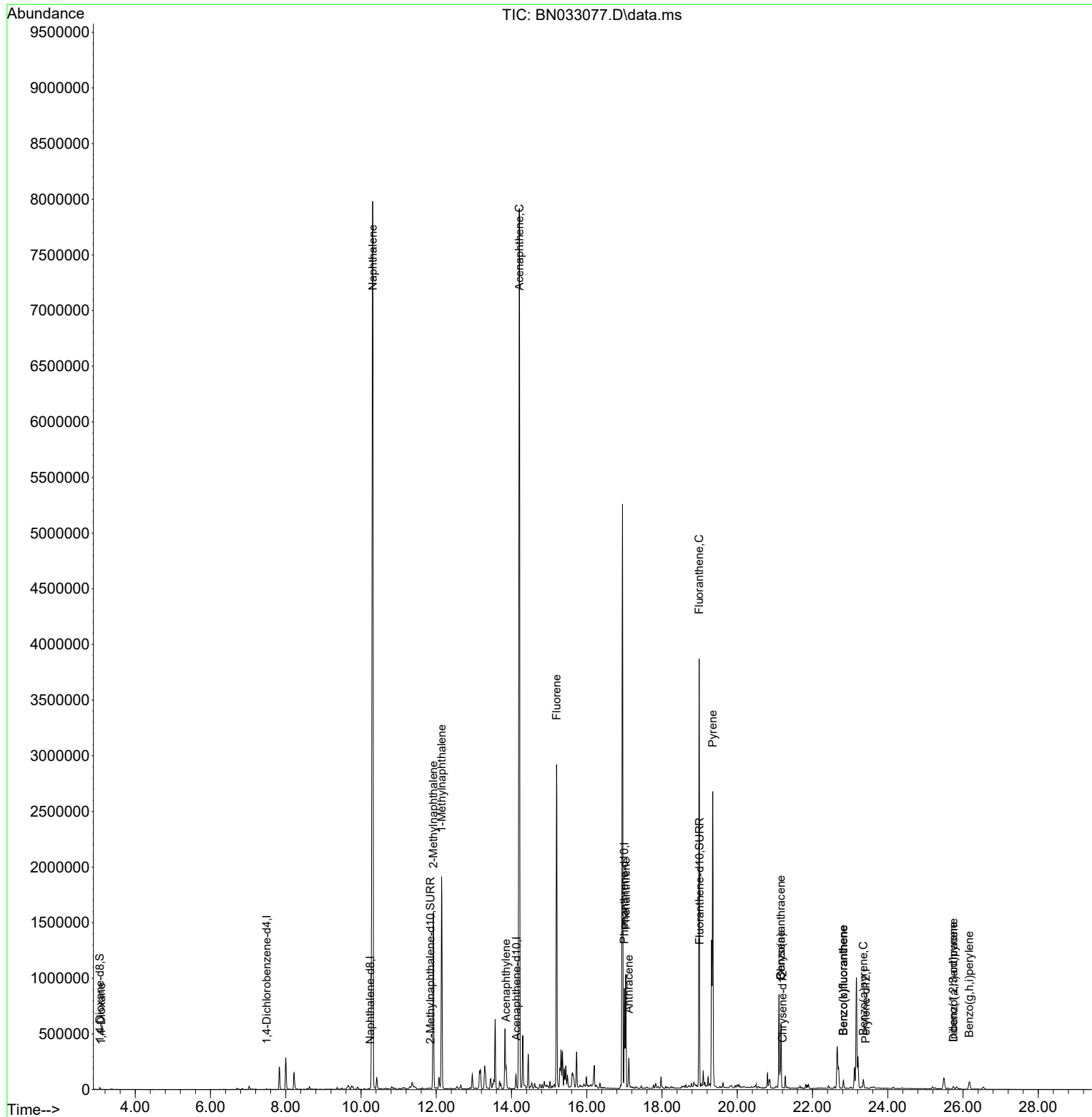
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	2978	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.245	136	10622	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	13666	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	17.000	188	958638	0.400	ng/ul	0.06
17) Chrysene-d12	21.201	240	2482	0.400	ng/ul	# 0.04
23) Perylene-d12	23.413	264	2753	0.400	ng/ul	# 0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	12616	3.349	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	4361	0.252	ng/ul	-0.07
18) Fluoranthene-d10	19.000	212	3594	0.511	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.098	88	156	0.036	ng/ul#	19
5) Naphthalene	10.311	128	13831862	507.079	ng/ul#	94
7) 2-Methylnaphthalene	11.923	142	1132296	61.277	ng/ul	95
8) 1-Methylnaphthalene	12.143	142	1311275	65.621	ng/ul	100
10) Acenaphthylene	13.856	152	136687	2.444	ng/ul#	78
11) Acenaphthene	14.208	153	5197036	123.535	ng/ul	98
12) Fluorene	15.198	166	1867221	38.081	ng/ul	98
15) Phenanthrene	17.038	178	1045204	0.406	ng/ul	97
16) Anthracene	17.118	178	93360	0.040	ng/ul#	1
19) Fluoranthene	18.986	202	3023155	369.929	ng/ul	98
20) Pyrene	19.349	202	2096277	239.196	ng/ul	96
21) Benzo(a)anthracene	21.160	228	554728	65.524	ng/ul	96
22) Chrysene	21.160	228	554728	56.146	ng/ul	99
24) Benzo(b)fluoranthene	22.820	252	89134	11.083	ng/ul	89
25) Benzo(k)fluoranthene	22.820	252	91801	9.525	ng/ul#	88
26) Benzo(a)pyrene	23.352	252	94999	12.552	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.742	276	9162	0.796	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.745	278	34456	3.777	ng/ul	94
29) Benzo(g,h,i)perylene	26.164	276	124955	13.664	ng/ul#	91

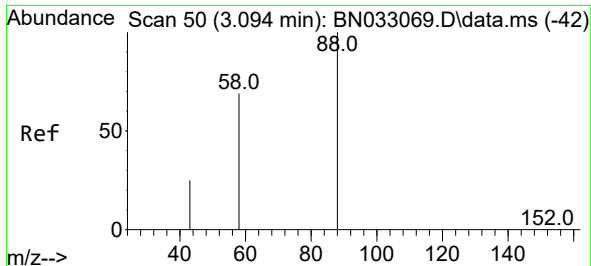
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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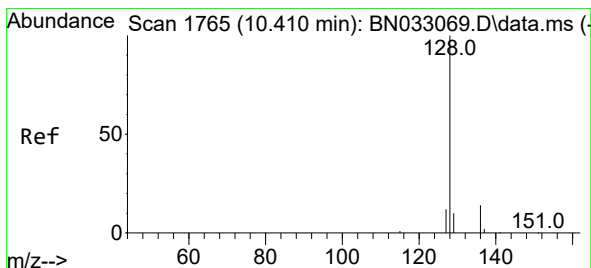
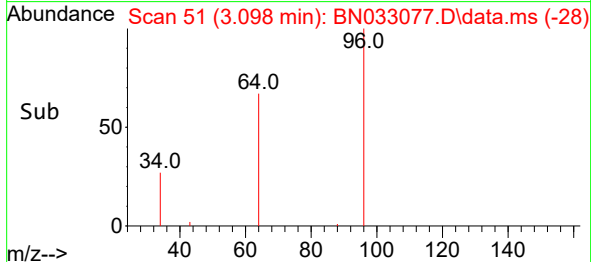
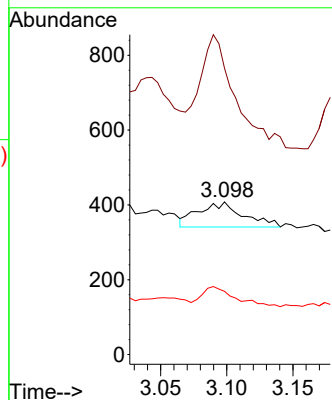
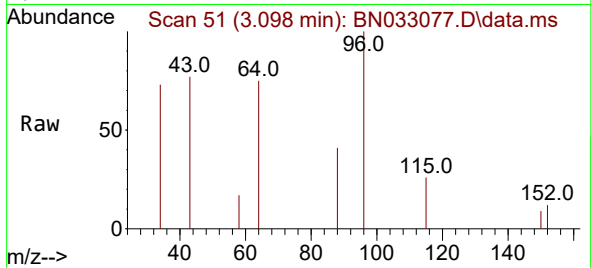




#2
1,4-Dioxane
Concen: 0.036 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

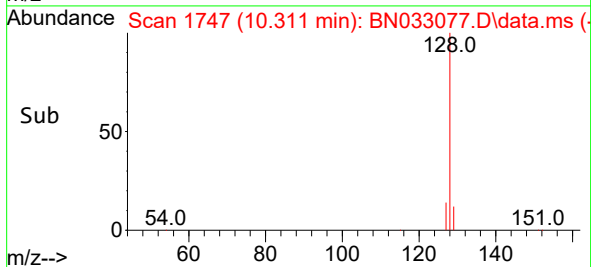
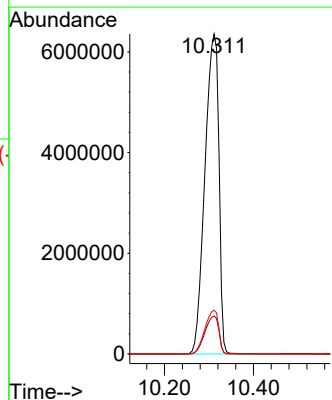
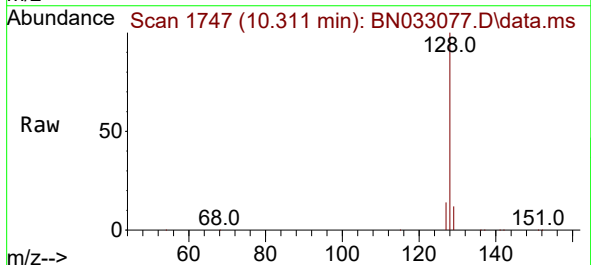
Instrument :
BNA_N
ClientSampleId :
C0AY8

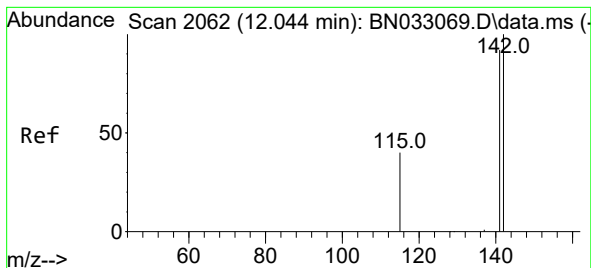
Tgt Ion: 88 Resp: 156
Ion Ratio Lower Upper
88 100
43 187.5 63.4 95.2#
58 41.4 49.4 74.0#



#5
Naphthalene
Concen: 507.079 ng/ul
RT: 10.311 min Scan# 1747
Delta R.T. -0.038 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion: 128 Resp: 13831862
Ion Ratio Lower Upper
128 100
129 11.8 12.0 18.0#
127 13.7 12.7 19.1

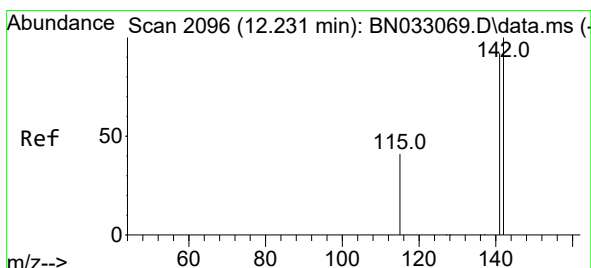
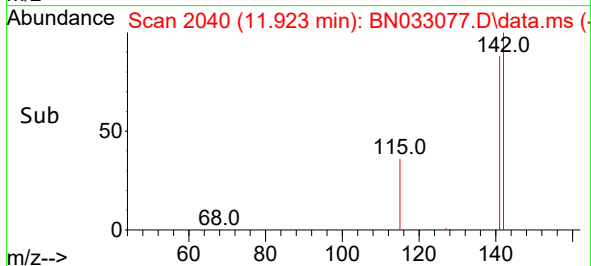
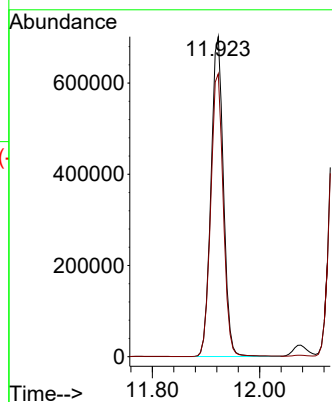
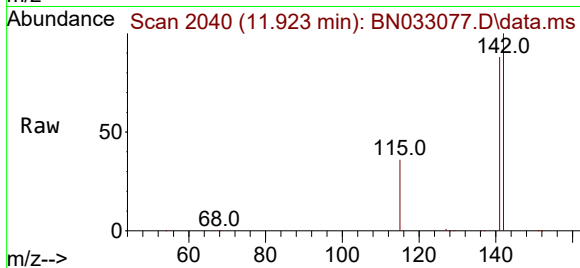




#7
2-Methylnaphthalene
Concen: 61.277 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.060 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

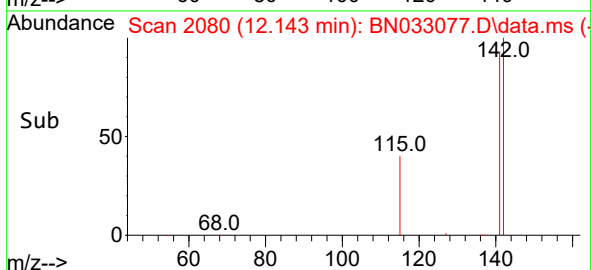
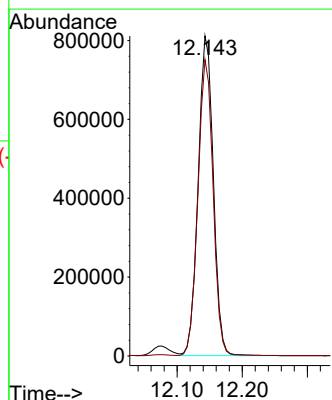
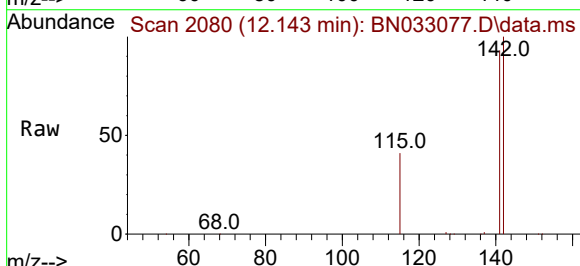
Instrument :
BNA_N
ClientSampleId :
C0AY8

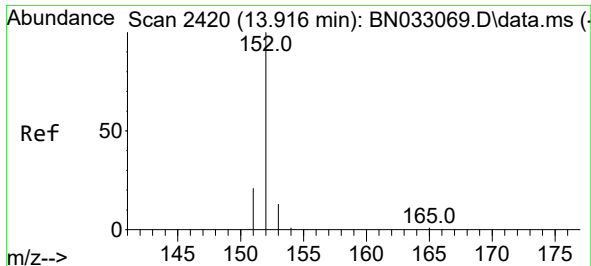
Tgt Ion:142 Resp: 1132296
Ion Ratio Lower Upper
142 100
141 89.1 75.2 112.8



#8
1-Methylnaphthalene
Concen: 65.621 ng/ul
RT: 12.143 min Scan# 2080
Delta R.T. -0.055 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion:142 Resp: 1311275
Ion Ratio Lower Upper
142 100
141 92.4 74.3 111.5

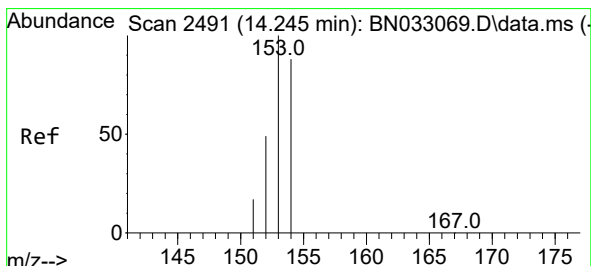
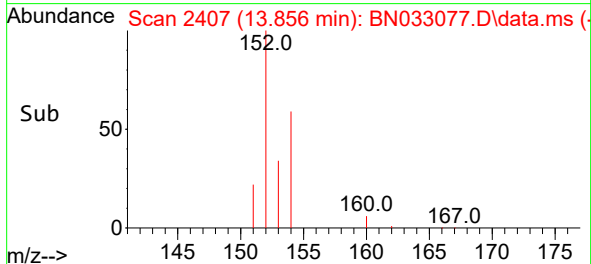
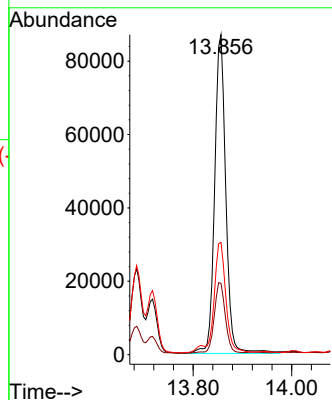
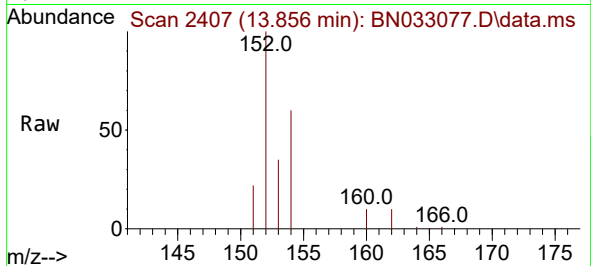




#10
Acenaphthylene
Concen: 2.444 ng/ul
RT: 13.856 min Scan# 2420
Delta R.T. -0.041 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

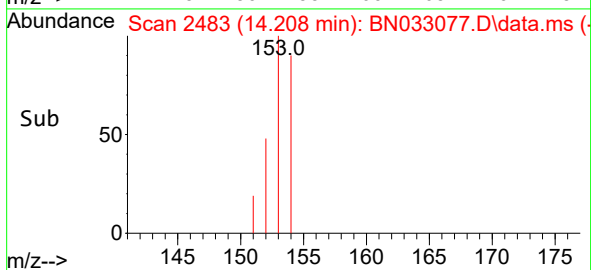
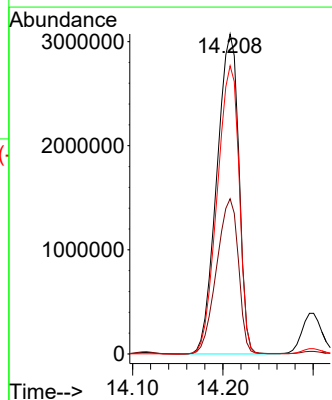
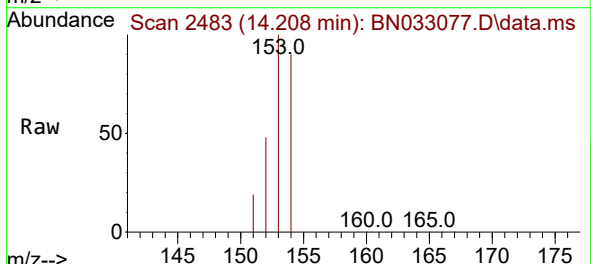
Instrument :
BNA_N
ClientSampleId :
C0AY8

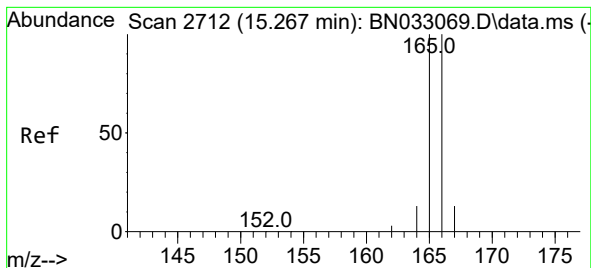
Tgt Ion:152 Resp: 136687
Ion Ratio Lower Upper
152 100
151 22.3 16.8 25.2
153 35.1 11.9 17.9#



#11
Acenaphthene
Concen: 123.535 ng/ul
RT: 14.208 min Scan# 2483
Delta R.T. -0.028 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion:153 Resp: 5197036
Ion Ratio Lower Upper
153 100
152 48.5 40.0 60.0
154 90.1 70.1 105.1





#12

Fluorene

Concen: 38.081 ng/ul

RT: 15.198 min Scan# 2

Delta R.T. -0.046 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

Instrument :

BNA_N

ClientSampleId :

C0AY8

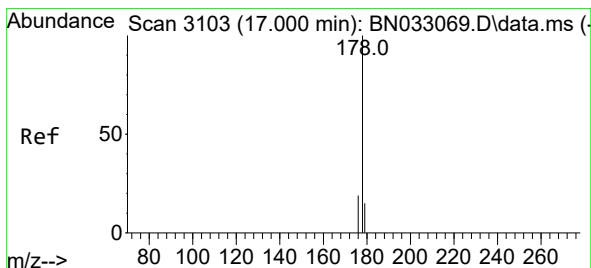
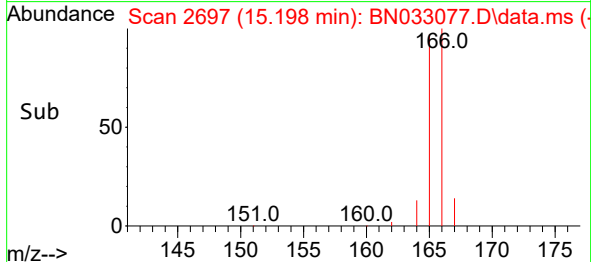
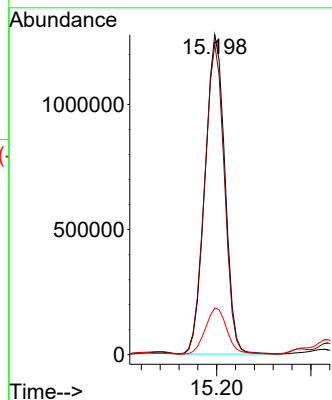
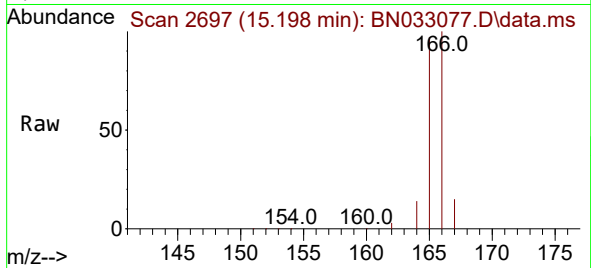
Tgt Ion:166 Resp: 1867221

Ion Ratio Lower Upper

166 100

165 97.0 79.6 119.4

167 14.6 12.2 18.4



#15

Phenanthrene

Concen: 0.406 ng/ul

RT: 17.038 min Scan# 3112

Delta R.T. 0.051 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

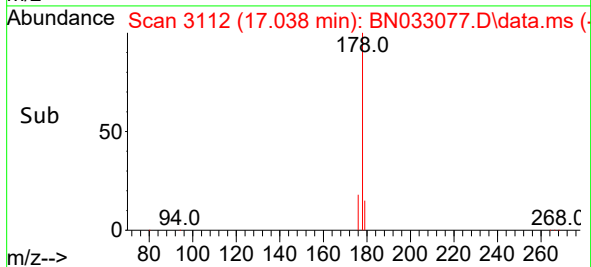
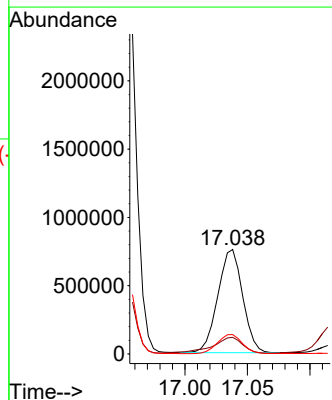
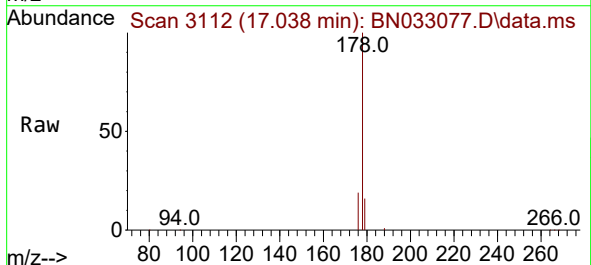
Tgt Ion:178 Resp: 1045204

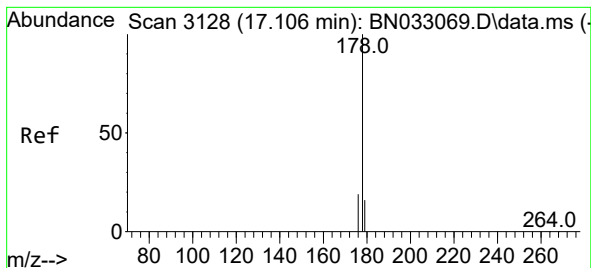
Ion Ratio Lower Upper

178 100

179 15.9 13.7 20.5

176 18.5 15.9 23.9





#16

Anthracene

Concen: 0.040 ng/ul

RT: 17.118 min Scan# 31

Delta R.T. 0.034 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

Instrument :

BNA_N

ClientSampleId :

C0AY8

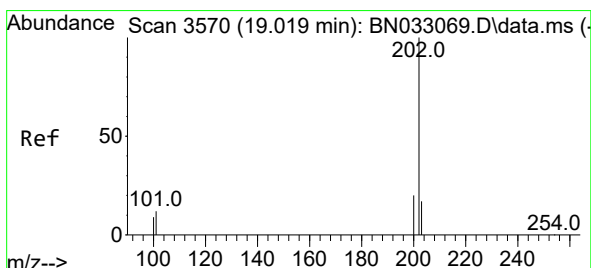
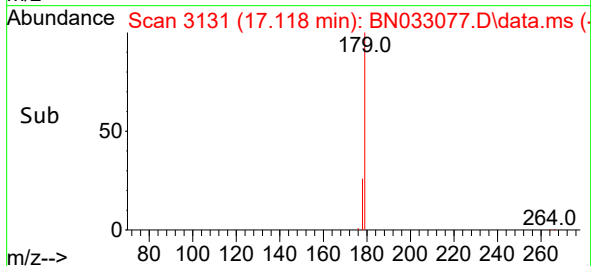
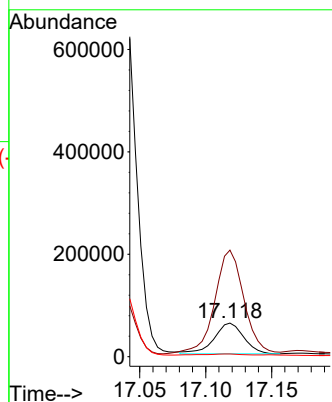
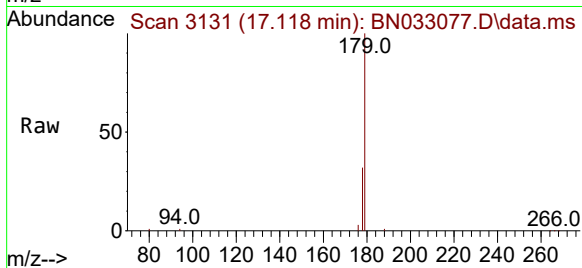
Tgt Ion:178 Resp: 93360

Ion Ratio Lower Upper

178 100

179 316.6 14.3 21.5#

176 8.1 15.8 23.8#



#19

Fluoranthene

Concen: 369.929 ng/ul

RT: 18.986 min Scan# 3563

Delta R.T. -0.028 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

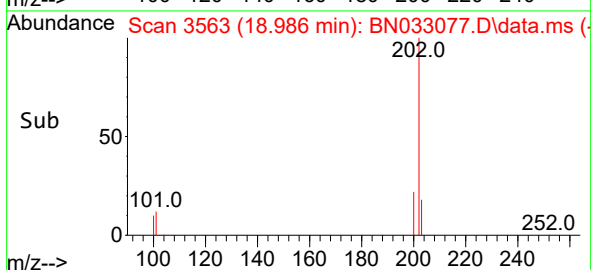
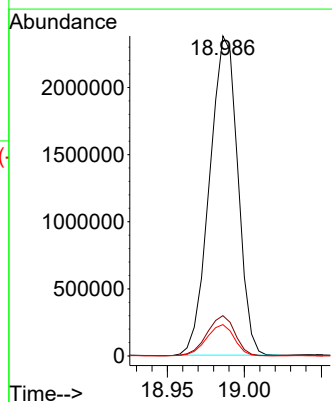
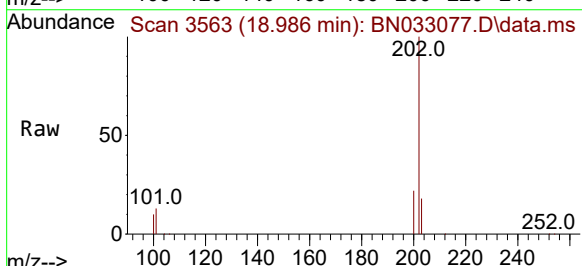
Tgt Ion:202 Resp: 3023155

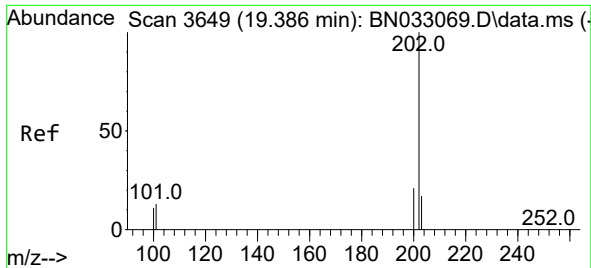
Ion Ratio Lower Upper

202 100

101 12.6 10.7 16.1

100 9.8 8.3 12.5

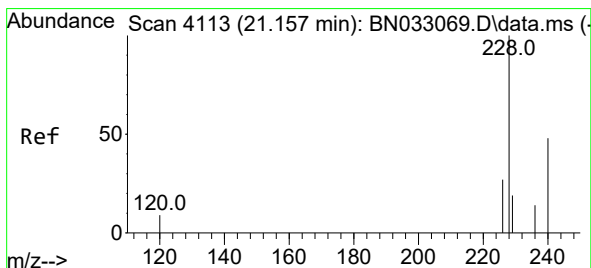
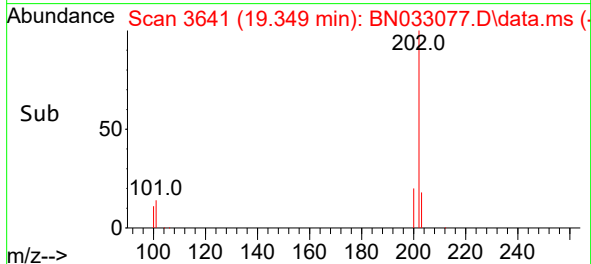
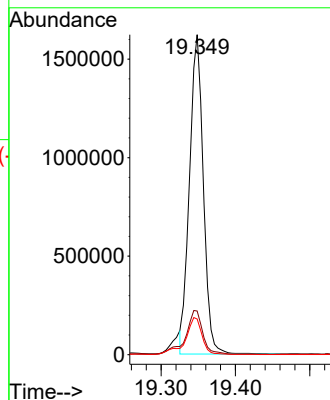
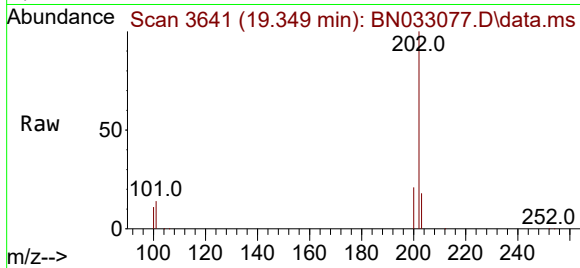




#20
Pyrene
Concen: 239.196 ng/ul
RT: 19.349 min Scan# 30
Delta R.T. -0.032 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

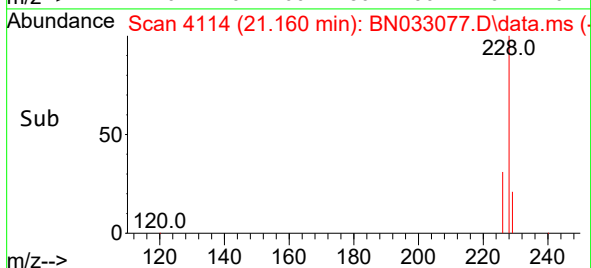
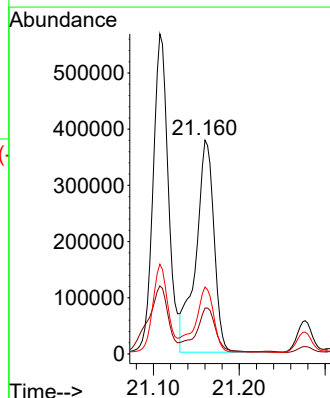
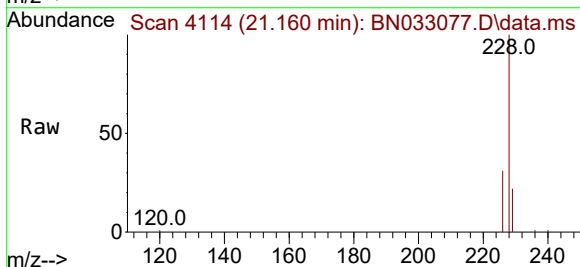
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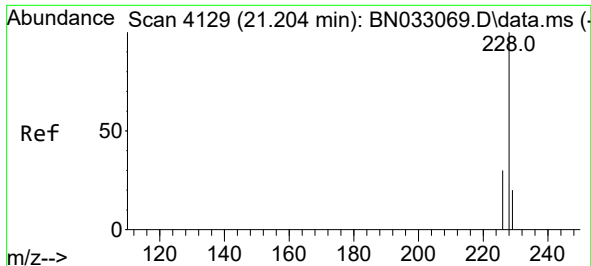
Tgt Ion:202 Resp: 2096277
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 11.2 9.9 14.9



#21
Benzo(a)anthracene
Concen: 65.524 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. 0.015 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion:228 Resp: 554728
Ion Ratio Lower Upper
228 100
229 21.5 17.1 25.7
226 31.3 22.4 33.6





#22

Chrysene

Concen: 56.146 ng/ul

RT: 21.160 min Scan# 4114

Delta R.T. -0.035 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

Instrument :

BNA_N

ClientSampleId :

C0AY8

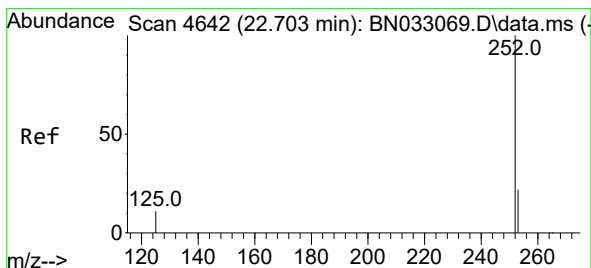
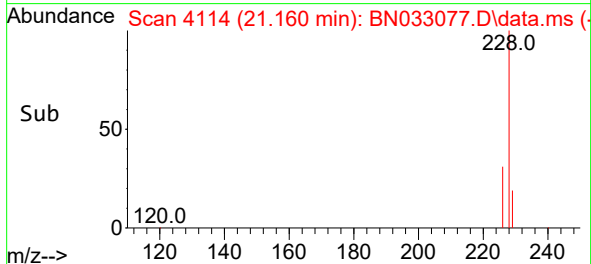
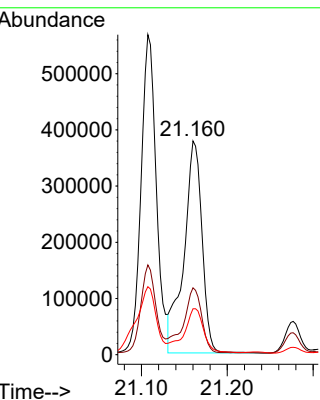
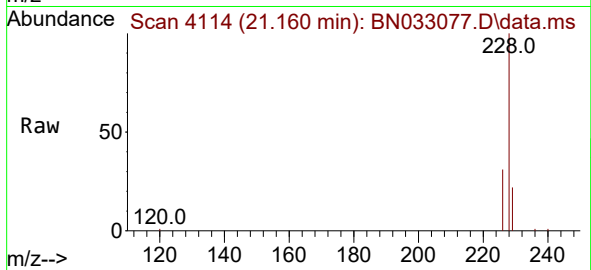
Tgt Ion:228 Resp: 554728

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 21.5 17.0 25.6



#24

Benzo(b)fluoranthene

Concen: 11.083 ng/ul

RT: 22.820 min Scan# 4682

Delta R.T. 0.126 min

Lab File: BN033077.D

Acq: 29 Jul 2024 20:50

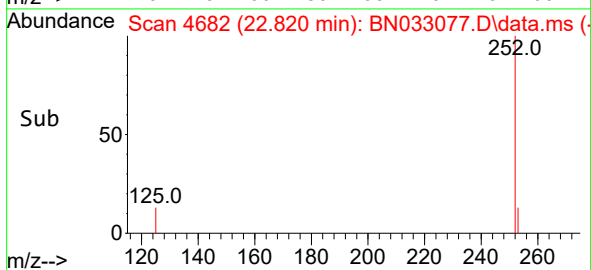
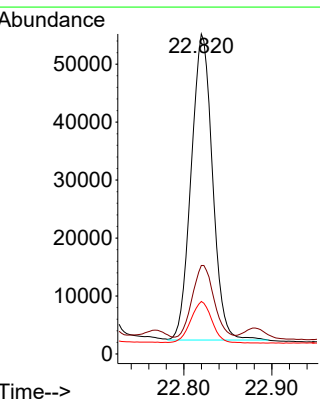
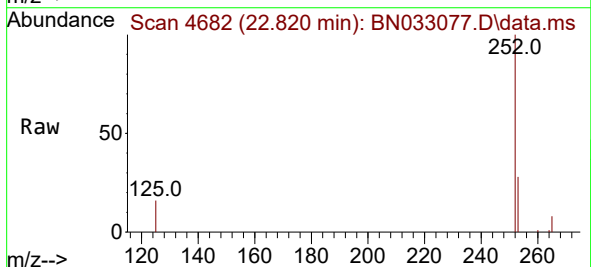
Tgt Ion:252 Resp: 89134

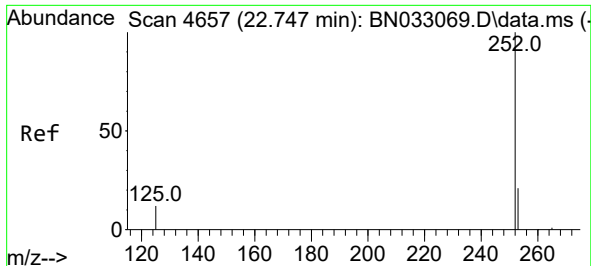
Ion Ratio Lower Upper

252 100

253 27.6 0.0 60.6

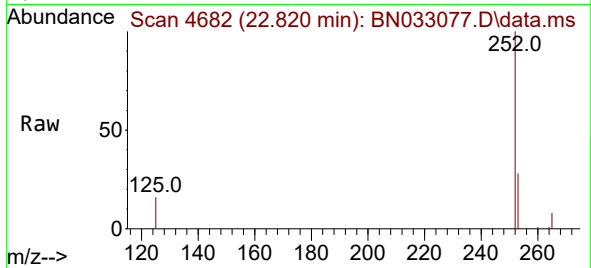
125 16.4 0.0 51.0



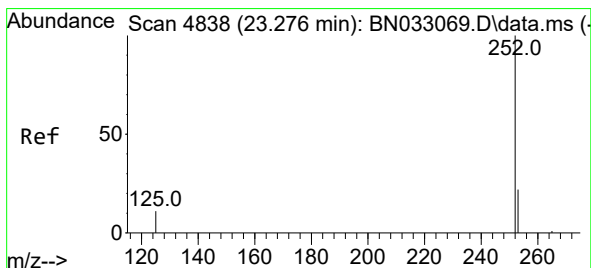
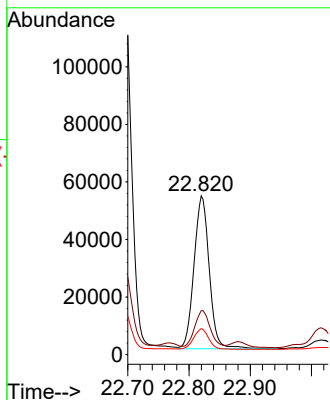
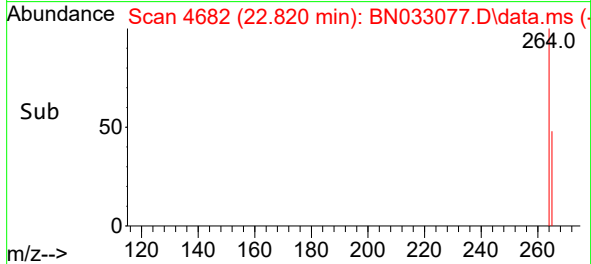


#25
Benzo(k)fluoranthene
Concen: 9.525 ng/ul
RT: 22.820 min Scan# 4682
Delta R.T. 0.085 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Instrument :
BNA_N
ClientSampleId :
C0AY8

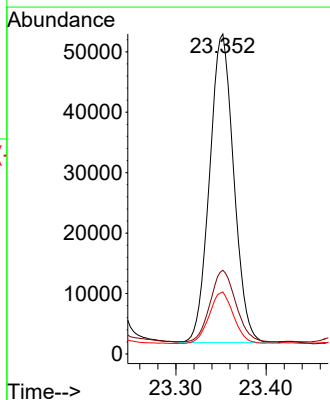
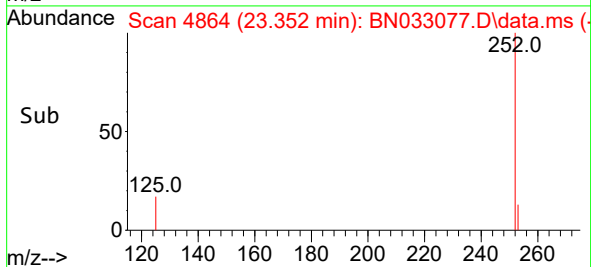
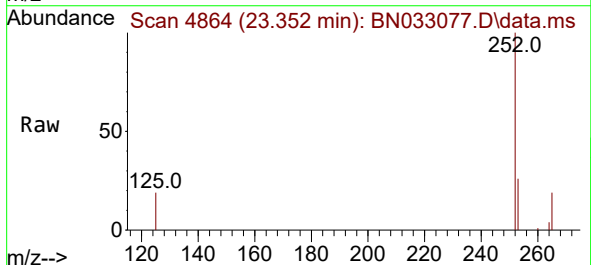


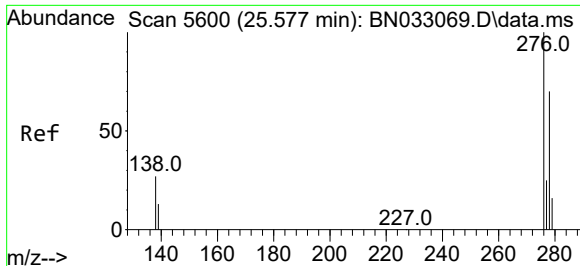
Tgt Ion:252 Resp: 91801
Ion Ratio Lower Upper
252 100
253 27.6 24.9 37.3
125 16.4 20.9 31.3#



#26
Benzo(a)pyrene
Concen: 12.552 ng/ul
RT: 23.352 min Scan# 4864
Delta R.T. 0.091 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion:252 Resp: 94999
Ion Ratio Lower Upper
252 100
253 26.2 27.5 41.3#
125 19.4 27.0 40.6#

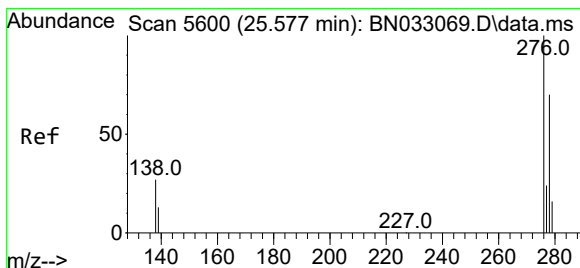
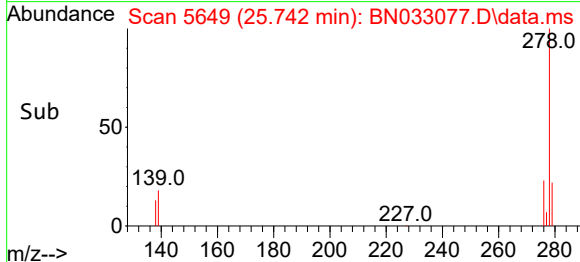
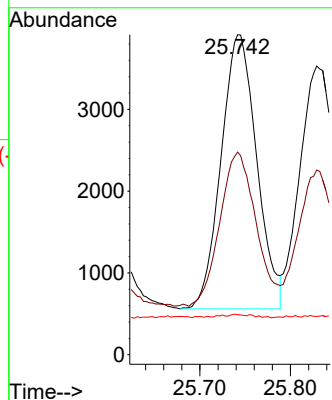
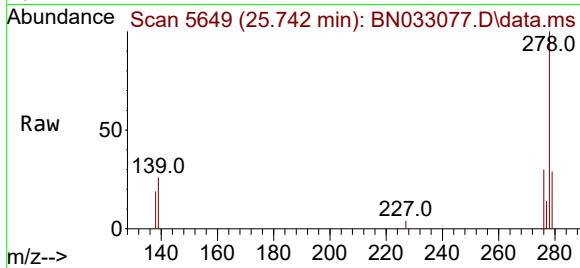




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.796 ng/ul
RT: 25.742 min Scan# 5649
Delta R.T. 0.181 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

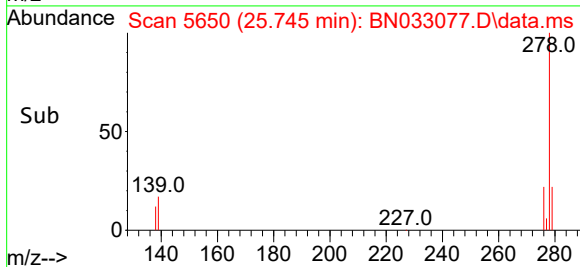
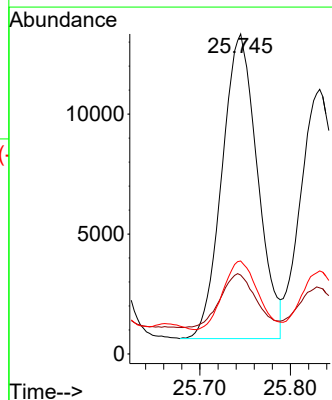
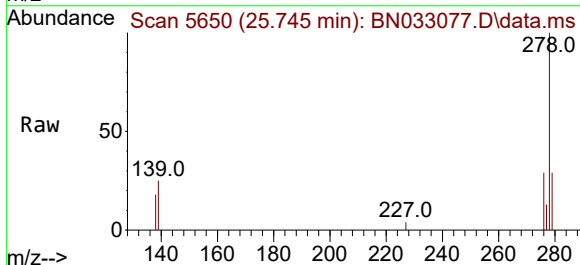
Instrument :
BNA_N
ClientSampleId :
C0AY8

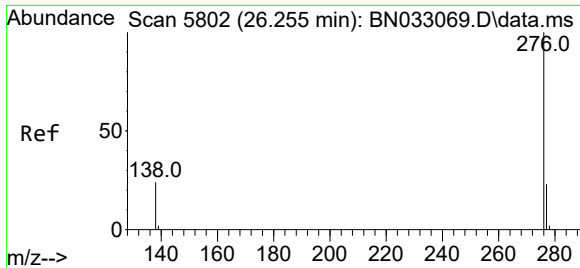
Tgt Ion:276 Resp: 9162
Ion Ratio Lower Upper
276 100
138 56.9 21.8 32.8#
227 0.8 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 3.777 ng/ul
RT: 25.745 min Scan# 5650
Delta R.T. 0.185 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

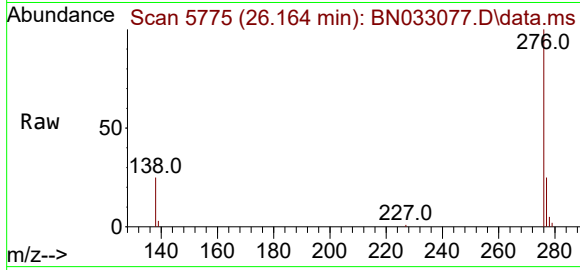
Tgt Ion:278 Resp: 34456
Ion Ratio Lower Upper
278 100
139 24.7 22.5 33.7
279 29.1 25.5 38.3





#29
Benzo(g,h,i)perylene
Concen: 13.664 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.077 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:276 Resp: 124955
Ion Ratio Lower Upper
276 100
138 24.6 24.6 37.0#
277 24.8 22.6 34.0

