

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033113.D
 Acq On : 30 Jul 2024 19:16
 Operator : MA/JU
 Sample : P3336-09DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E37DL

Quant Time: Jul 30 23:57:56 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 : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

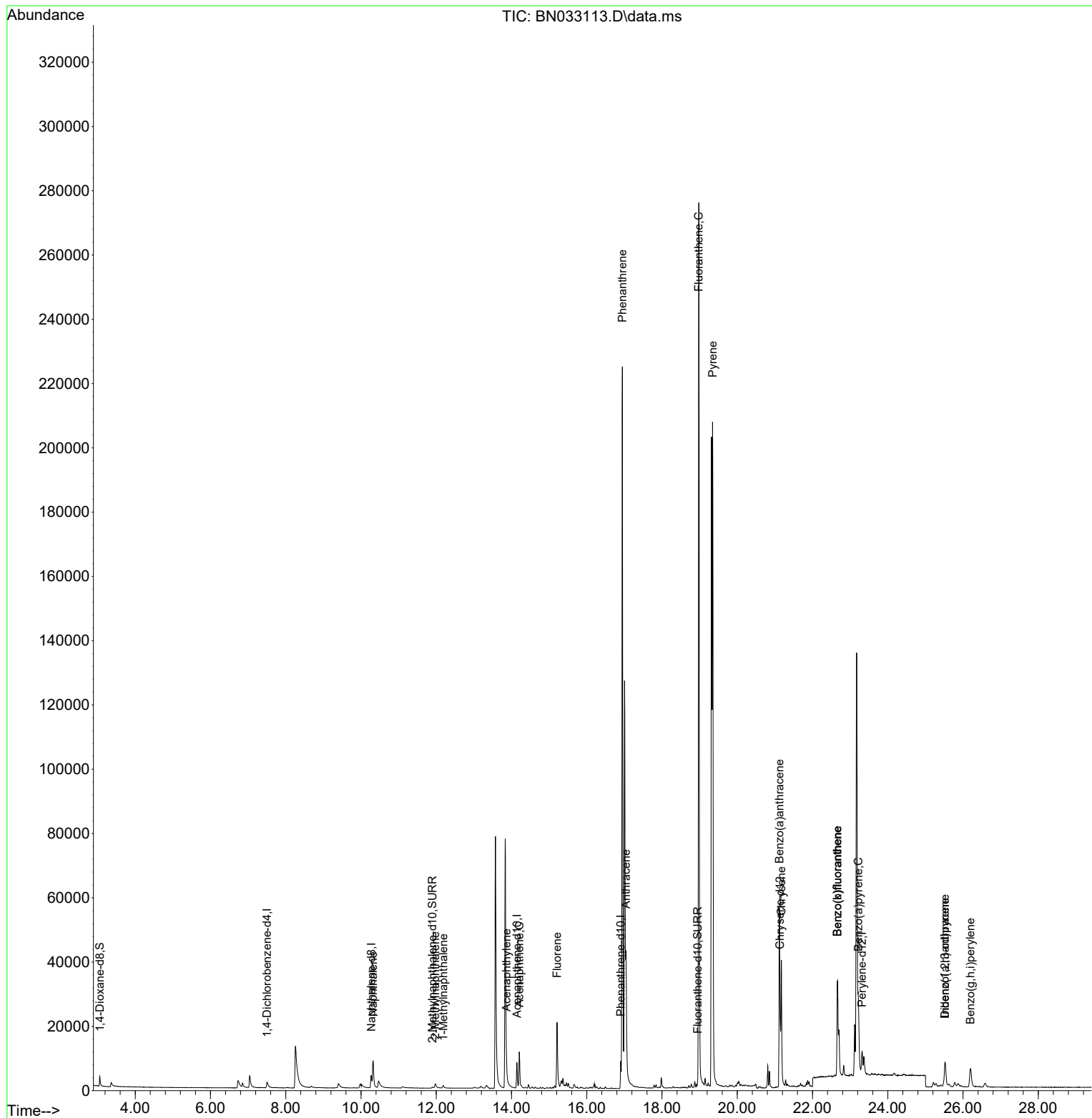
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	1854	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.273	136	7125	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164	4474	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.903	188	9981	0.400	ng/ul	-0.04
17) Chrysene-d12	21.134	240	9742	0.400	ng/ul	-0.02
23) Perylene-d12	23.317	264	11726	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	2239	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	786	0.068	ng/ul	-0.03
18) Fluoranthene-d10	18.949	212	2143	0.078	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.322	128	16210	0.886	ng/ul#	93
7) 2-Methylnaphthalene	11.978	142	1830	0.148	ng/ul	98
8) 1-Methylnaphthalene	12.187	142	789	0.059	ng/ul	97
10) Acenaphthylene	13.865	152	4335	0.237	ng/ul	96
11) Acenaphthene	14.208	153	7949	0.577	ng/ul	100
12) Fluorene	15.207	166	18106	1.128	ng/ul	99
15) Phenanthrene	16.945	178	253613	9.473	ng/ul	97
16) Anthracene	17.042	178	49309	2.049	ng/ul	97
19) Fluoranthene	18.977	202	260161	8.111	ng/ul	98
20) Pyrene	19.344	202	191196	5.558	ng/ul	99
21) Benzo(a)anthracene	21.119	228	58662	1.765	ng/ul	98
22) Chrysene	21.172	228	43266	1.116	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	65912	1.924	ng/ul	84
25) Benzo(k)fluoranthene	22.662	252	65912	1.606	ng/ul#	83
26) Benzo(a)pyrene	23.217	252	29940	0.929	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.520	276	14666	0.299	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.517	278	3412	0.088	ng/ul#	75
29) Benzo(g,h,i)perylene	26.194	276	13623	0.350	ng/ul	97

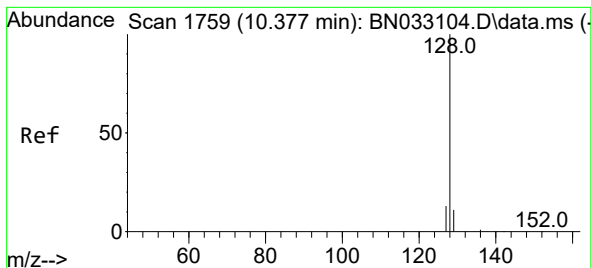
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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#5

Naphthalene

Concen: 0.886 ng/ul

RT: 10.322 min Scan# 1749

Delta R.T. -0.055 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

Instrument :

BNA_N

ClientSampleId :

F7E37DL

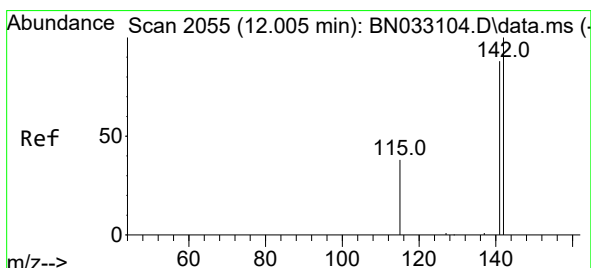
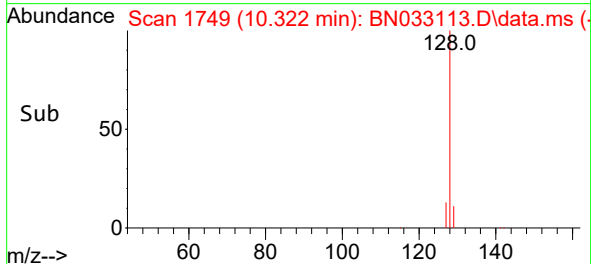
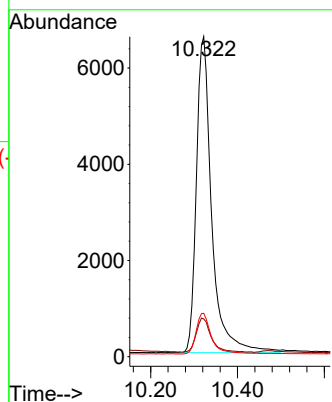
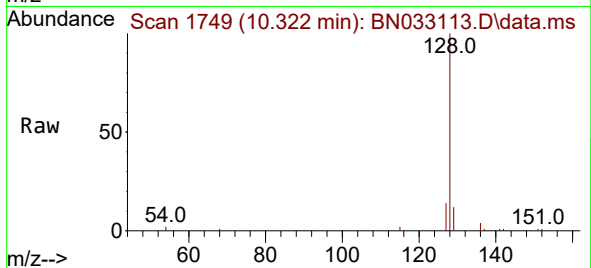
Tgt Ion:128 Resp: 16210

Ion Ratio Lower Upper

128 100

129 11.8 12.0 18.0#

127 13.5 12.7 19.1



#7

2-Methylnaphthalene

Concen: 0.148 ng/ul

RT: 11.978 min Scan# 2050

Delta R.T. -0.027 min

Lab File: BN033113.D

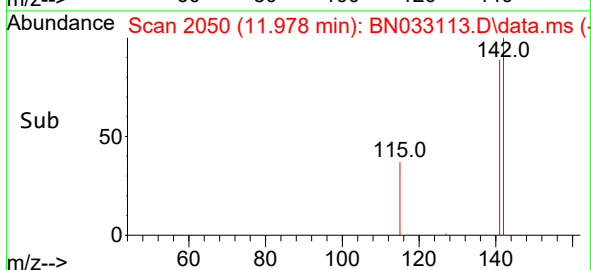
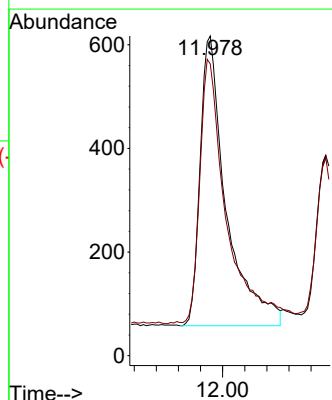
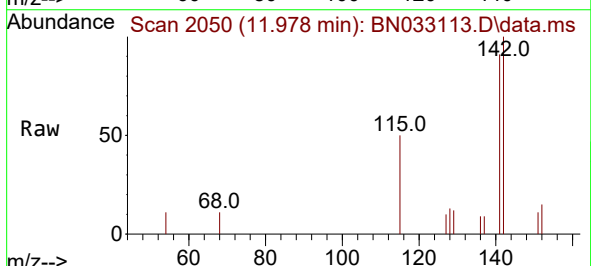
Acq: 30 Jul 2024 19:16

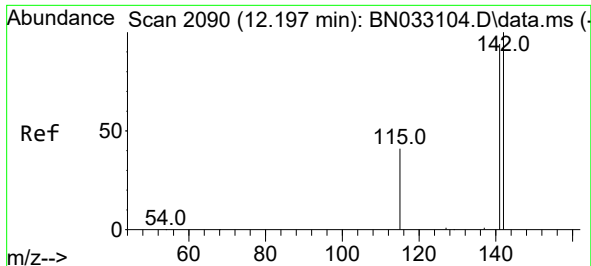
Tgt Ion:142 Resp: 1830

Ion Ratio Lower Upper

142 100

141 92.5 75.2 112.8

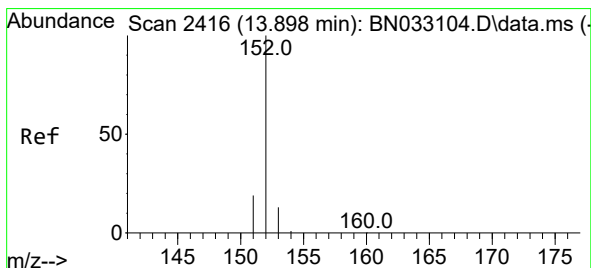
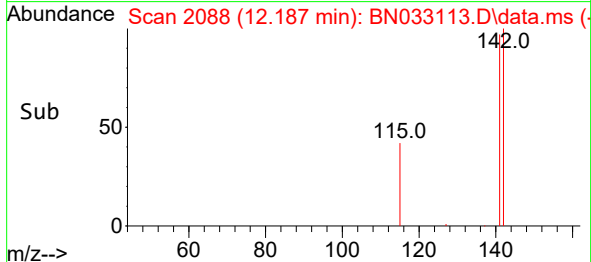
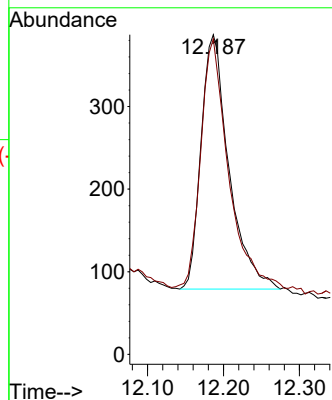
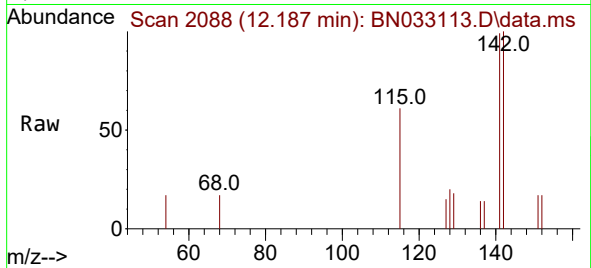




#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.187 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

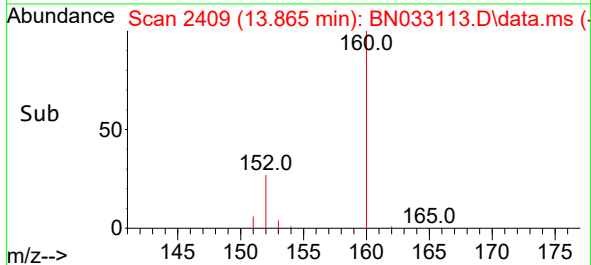
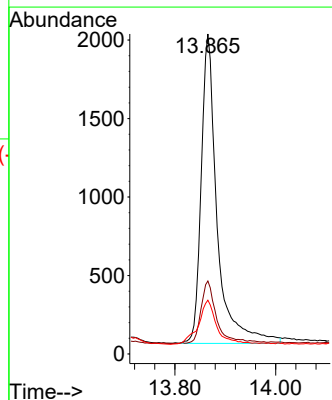
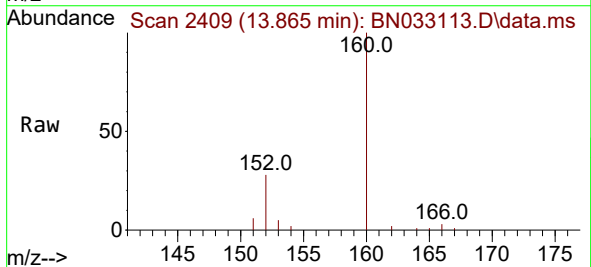
Instrument :
BNA_N
ClientSampleId :
F7E37DL

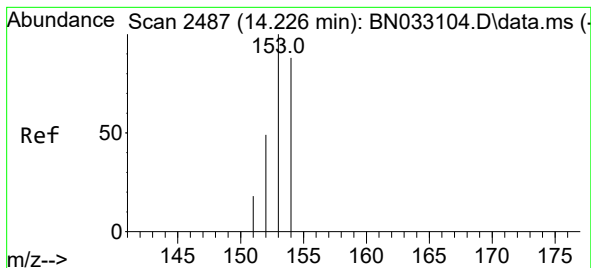
Tgt Ion:142 Resp: 789
Ion Ratio Lower Upper
142 100
141 95.7 74.3 111.5



#10
Acenaphthylene
Concen: 0.237 ng/ul
RT: 13.865 min Scan# 2409
Delta R.T. -0.032 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Tgt Ion:152 Resp: 4335
Ion Ratio Lower Upper
152 100
151 22.8 16.8 25.2
153 16.8 11.9 17.9





#11

Acenaphthene

Concen: 0.577 ng/ul

RT: 14.208 min Scan# 2487

Delta R.T. -0.018 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

Instrument :

BNA_N

ClientSampleId :

F7E37DL

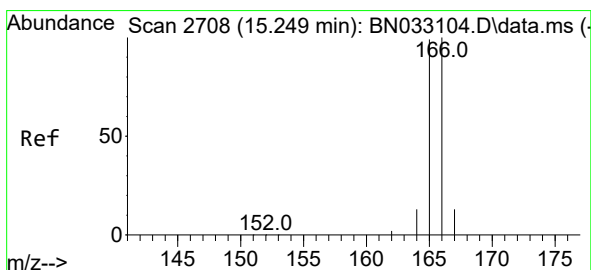
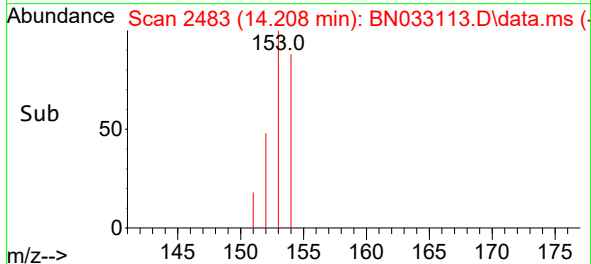
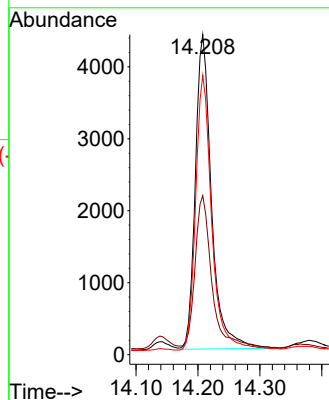
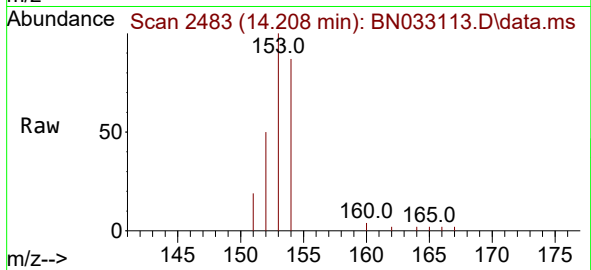
Tgt Ion:153 Resp: 7949

Ion Ratio Lower Upper

153 100

152 49.7 40.0 60.0

154 87.3 70.1 105.1



#12

Fluorene

Concen: 1.128 ng/ul

RT: 15.207 min Scan# 2699

Delta R.T. -0.042 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

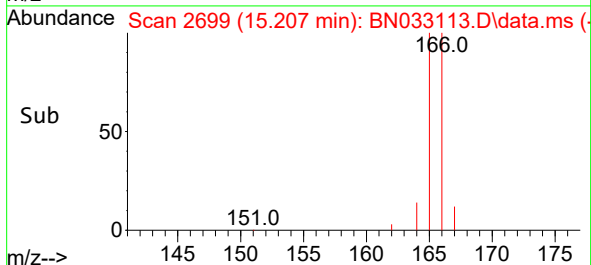
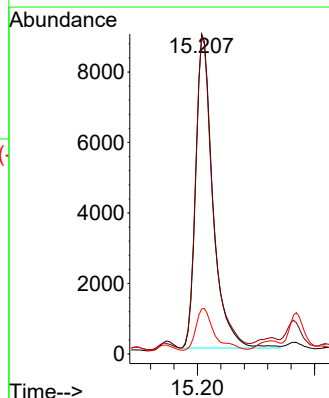
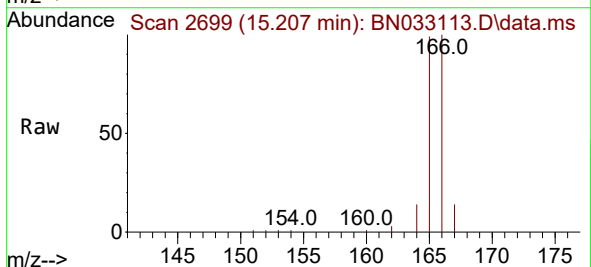
Tgt Ion:166 Resp: 18106

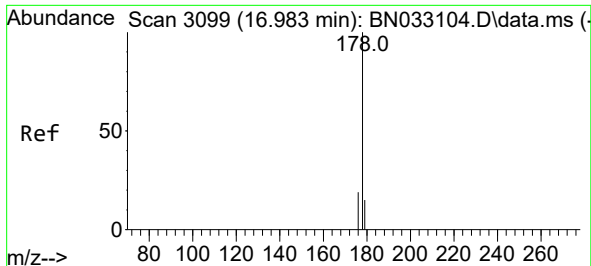
Ion Ratio Lower Upper

166 100

165 98.9 79.6 119.4

167 14.1 12.2 18.4

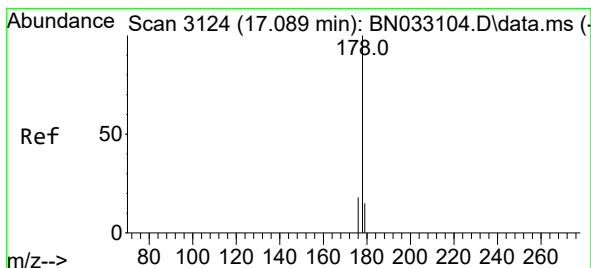
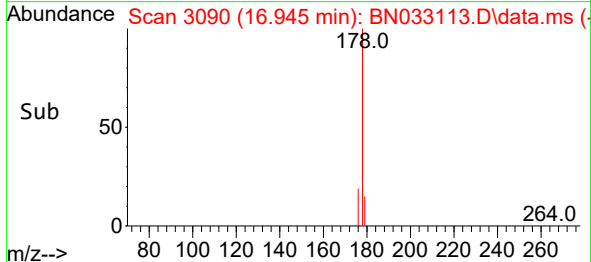
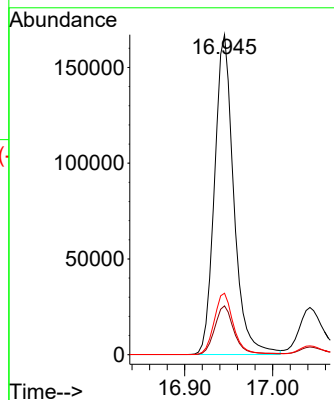
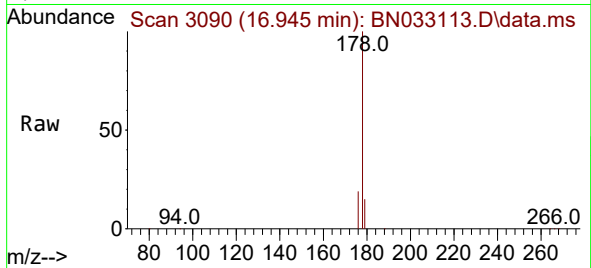




#15
Phenanthrene
Concen: 9.473 ng/ul
RT: 16.945 min Scan# 3090
Delta R.T. -0.038 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

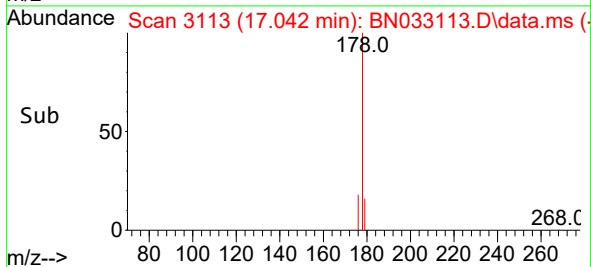
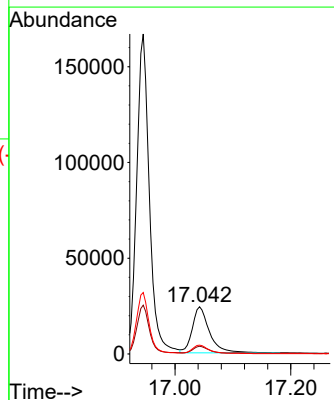
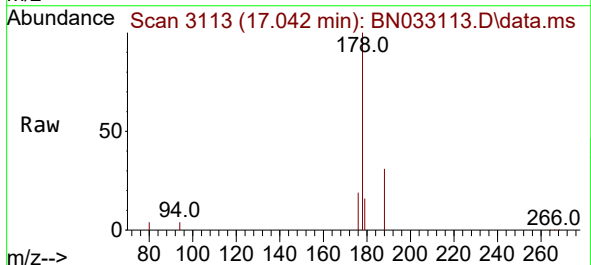
Instrument :
BNA_N
ClientSampleId :
F7E37DL

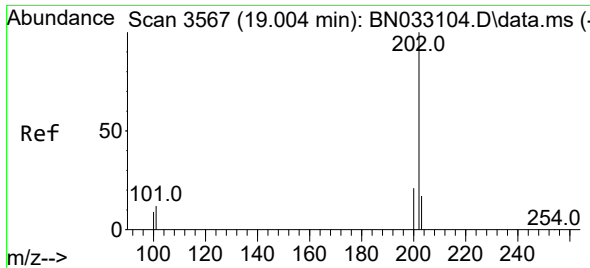
Tgt Ion:178 Resp: 253613
Ion Ratio Lower Upper
178 100
179 15.2 13.7 20.5
176 19.2 15.9 23.9



#16
Anthracene
Concen: 2.049 ng/ul
RT: 17.042 min Scan# 3113
Delta R.T. -0.046 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

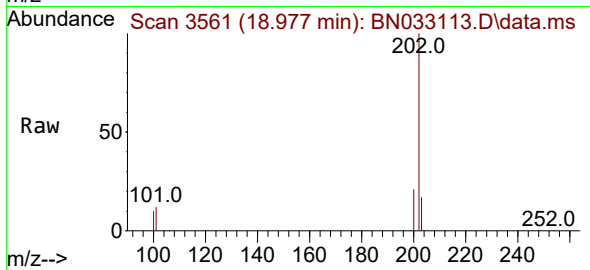
Tgt Ion:178 Resp: 49309
Ion Ratio Lower Upper
178 100
179 16.3 14.3 21.5
176 18.6 15.8 23.8



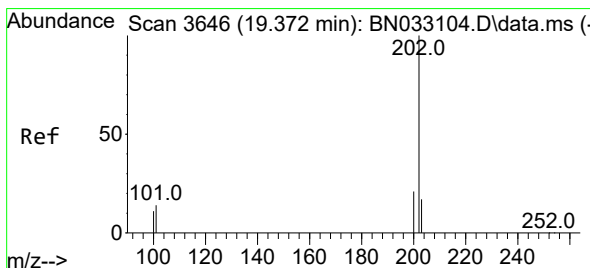
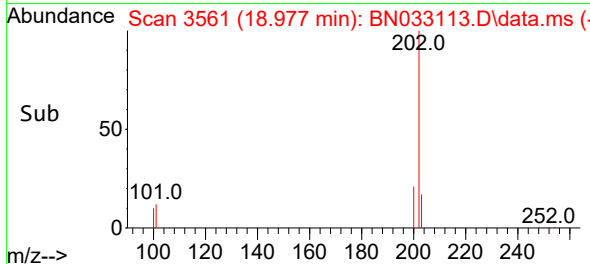
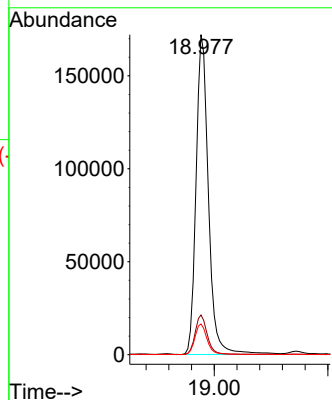


#19
Fluoranthene
Concen: 8.111 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Instrument :
BNA_N
ClientSampleId :
F7E37DL

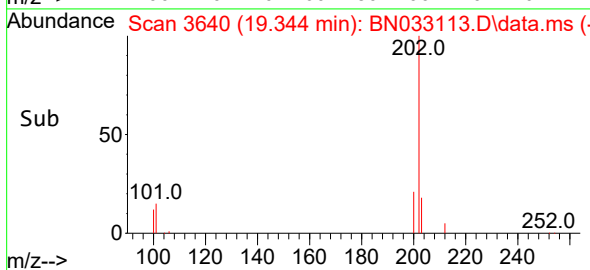
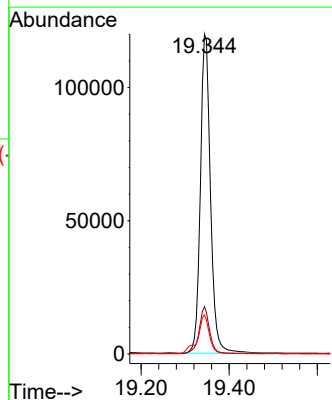
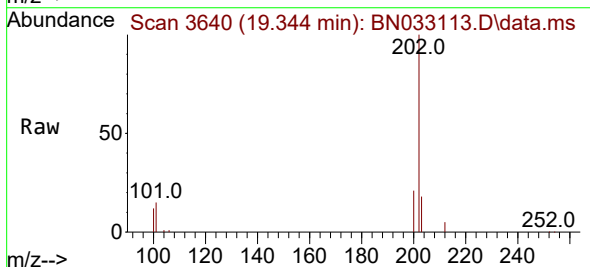


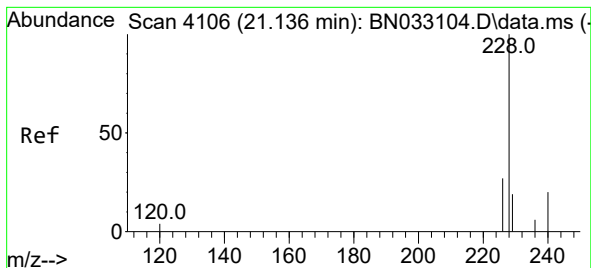
Tgt Ion:202 Resp: 260161
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.6 8.3 12.5



#20
Pyrene
Concen: 5.558 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Tgt Ion:202 Resp: 191196
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.3 9.9 14.9





#21

Benzo(a)anthracene

Concen: 1.765 ng/ul

RT: 21.119 min Scan# 4110

Delta R.T. -0.017 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

Instrument :

BNA_N

ClientSampleId :

F7E37DL

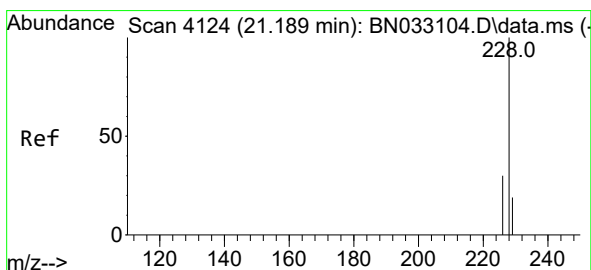
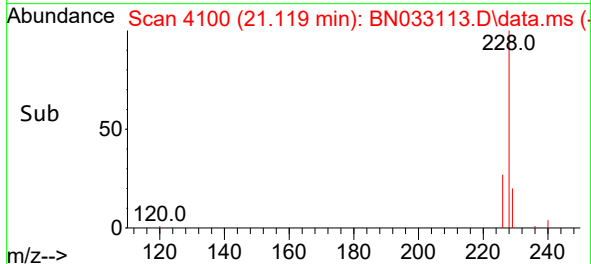
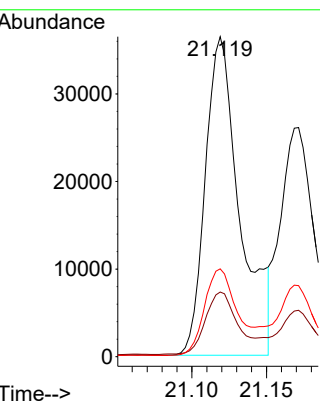
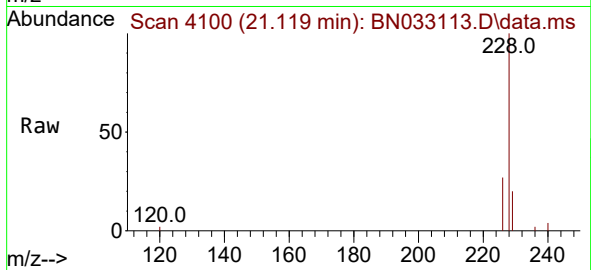
Tgt Ion:228 Resp: 58662

Ion Ratio Lower Upper

228 100

229 20.2 17.1 25.7

226 27.5 22.4 33.6



#22

Chrysene

Concen: 1.116 ng/ul

RT: 21.172 min Scan# 4118

Delta R.T. -0.017 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

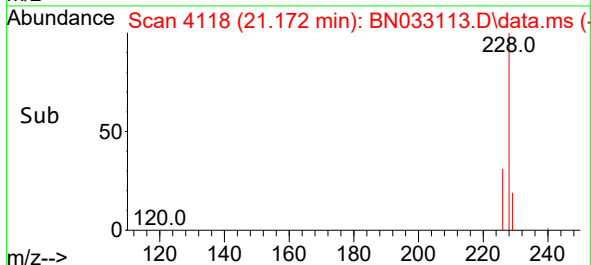
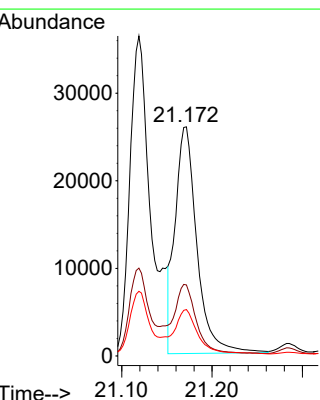
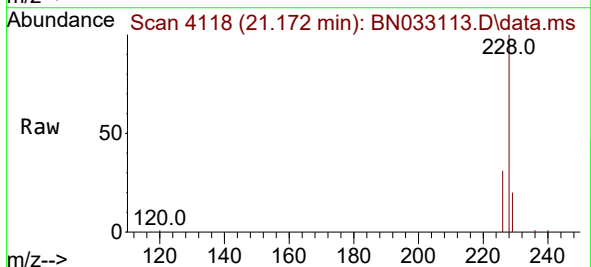
Tgt Ion:228 Resp: 43266

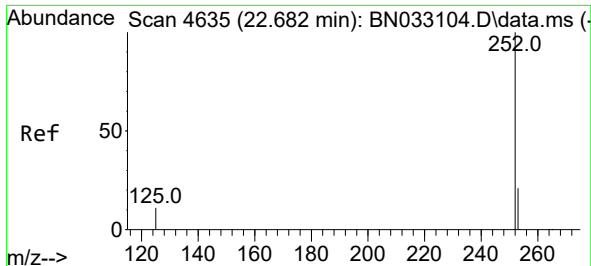
Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 20.3 17.0 25.6

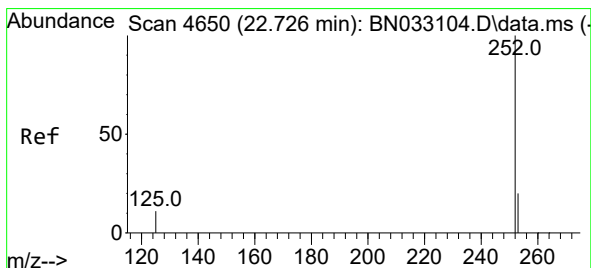
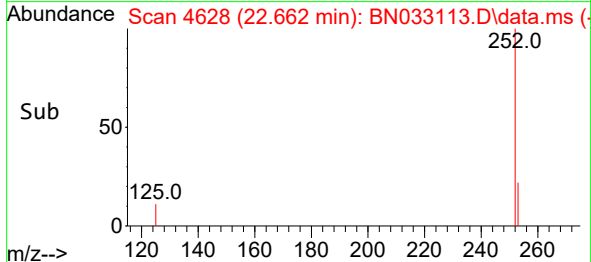
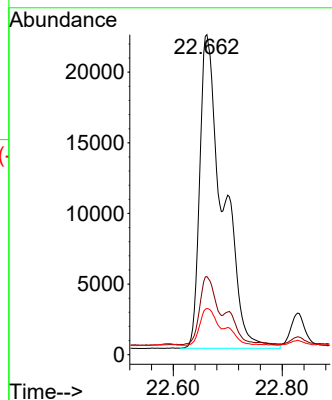
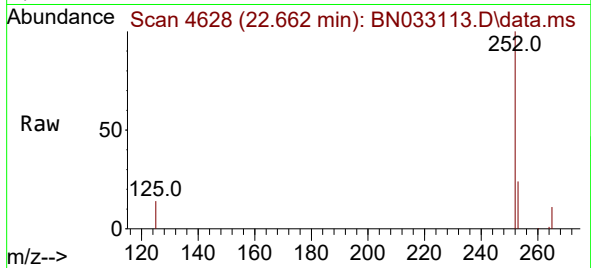




#24
Benzo(b)fluoranthene
Concen: 1.924 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.020 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

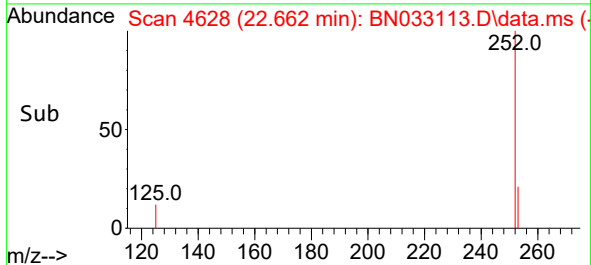
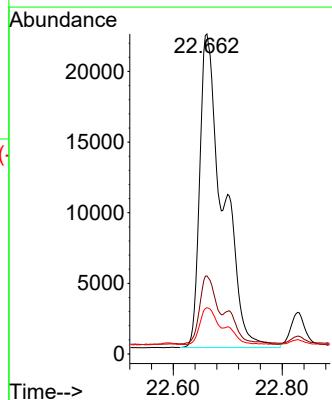
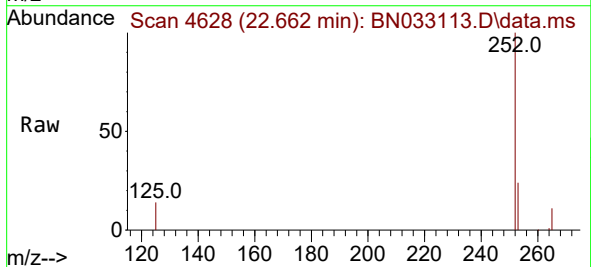
Instrument :
BNA_N
ClientSampleId :
F7E37DL

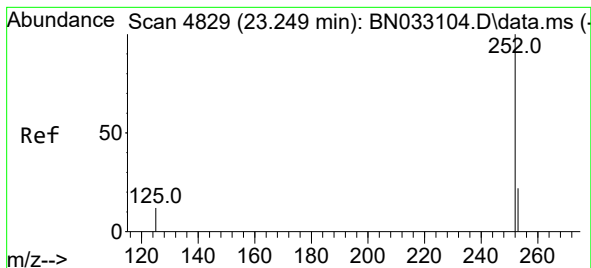
Tgt Ion:252 Resp: 65912
Ion Ratio Lower Upper
252 100
253 24.4 0.0 60.6
125 14.4 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 1.606 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.064 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Tgt Ion:252 Resp: 65912
Ion Ratio Lower Upper
252 100
253 24.4 24.9 37.3#
125 14.4 20.9 31.3#





#26

Benzo(a)pyrene

Concen: 0.929 ng/ul

RT: 23.217 min Scan# 4818

Delta R.T. -0.032 min

Lab File: BN033113.D

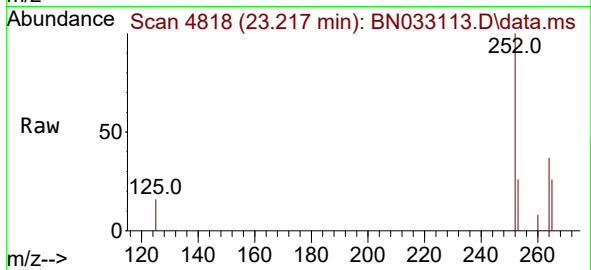
Acq: 30 Jul 2024 19:16

Instrument :

BNA_N

ClientSampleId :

F7E37DL



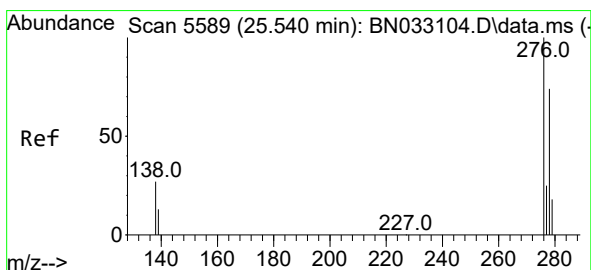
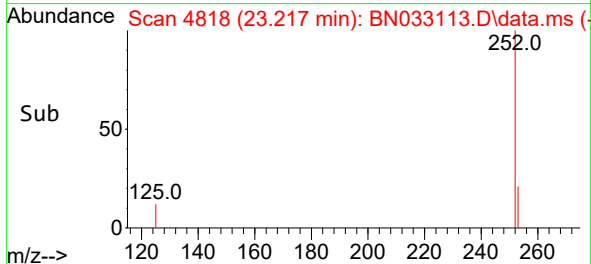
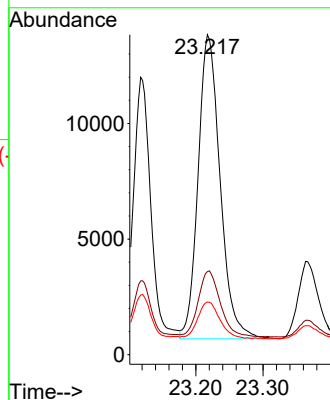
Tgt Ion:252 Resp: 29940

Ion Ratio Lower Upper

252 100

253 26.0 27.5 41.3#

125 16.4 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

RT: 25.520 min Scan# 5583

Delta R.T. -0.020 min

Lab File: BN033113.D

Acq: 30 Jul 2024 19:16

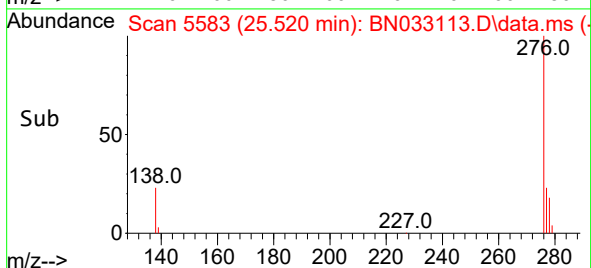
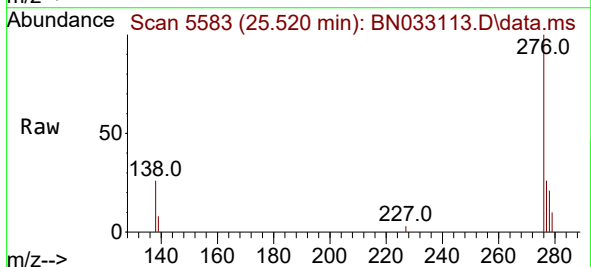
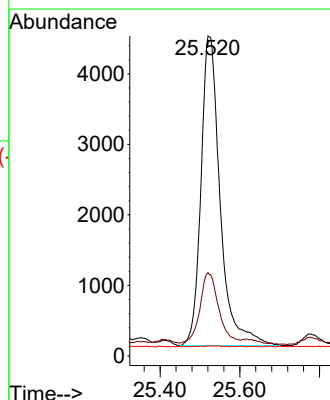
Tgt Ion:276 Resp: 14666

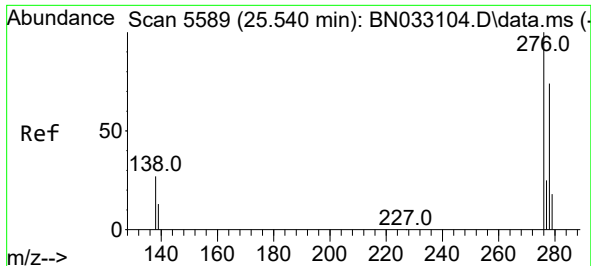
Ion Ratio Lower Upper

276 100

138 24.6 21.8 32.8

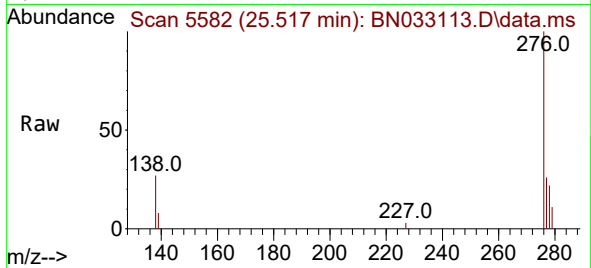
227 0.1 0.2 0.2#



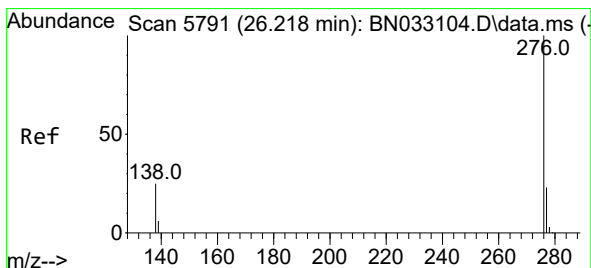
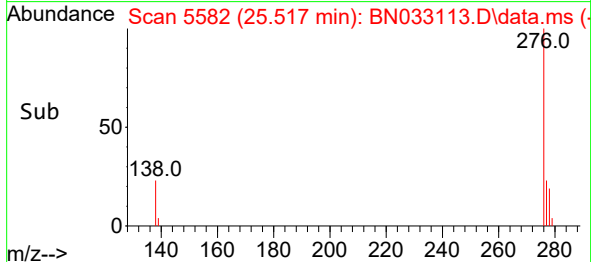
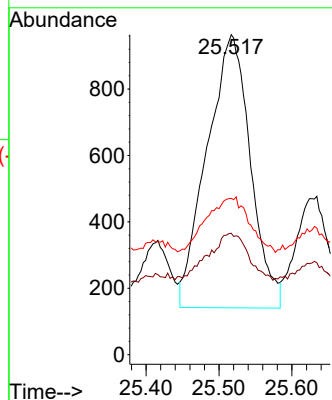


#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.517 min Scan# 51
Delta R.T. -0.023 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Instrument :
BNA_N
ClientSampleId :
F7E37DL



Tgt Ion:278 Resp: 3412
Ion Ratio Lower Upper
278 100
139 38.0 22.5 33.7#
279 48.9 25.5 38.3#



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 26.194 min Scan# 5784
Delta R.T. -0.023 min
Lab File: BN033113.D
Acq: 30 Jul 2024 19:16

Tgt Ion:276 Resp: 13623
Ion Ratio Lower Upper
276 100
138 27.8 24.6 37.0
277 27.8 22.6 34.0

