

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048931.D
 Acq On : 10 Dec 2024 20:21
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 22:50:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

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

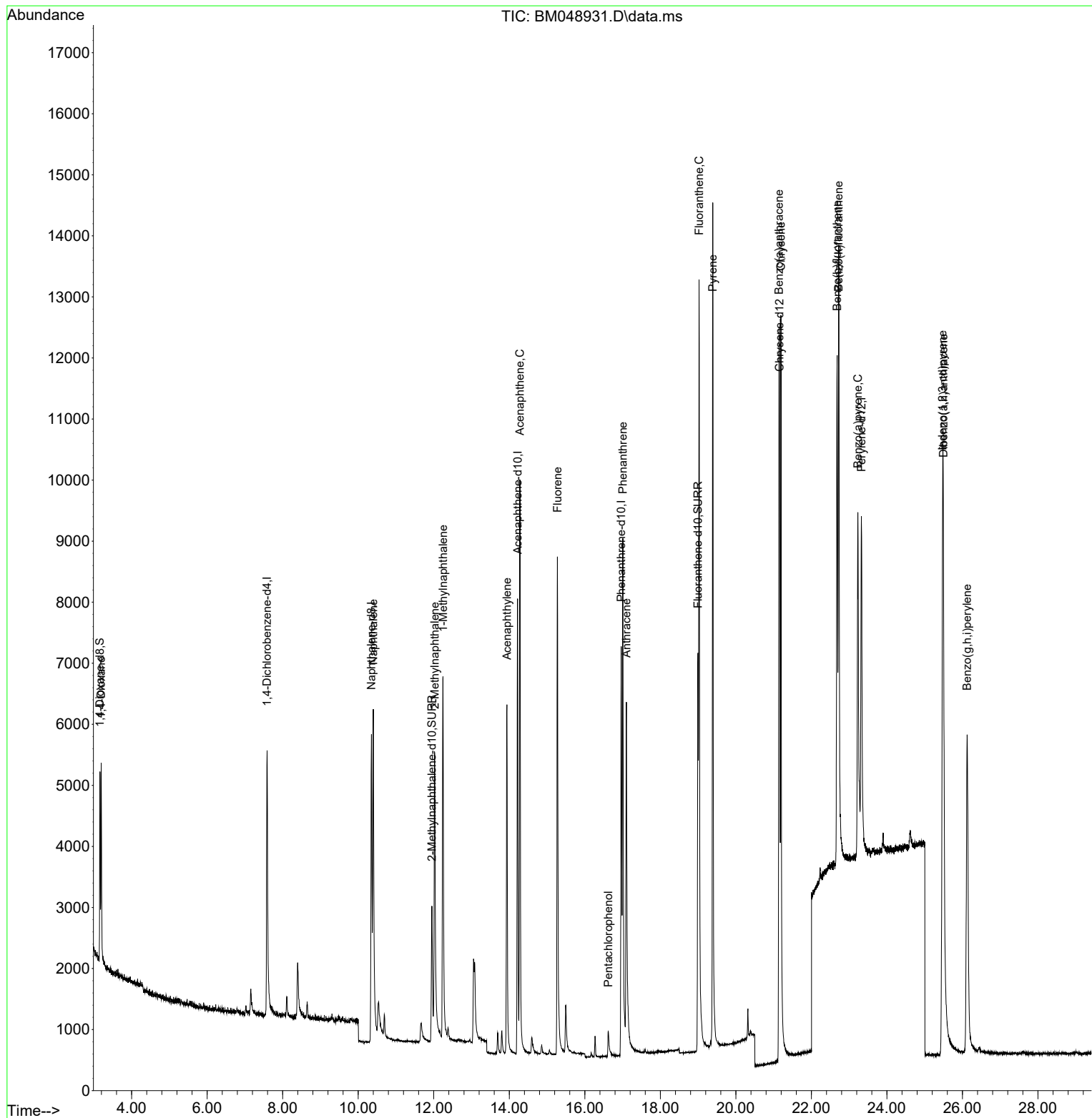
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	8601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4607	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	9623	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	7534	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	8467	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	1803	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	4324	0.394	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	8908	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	2154	0.490	ng/ul#	92
5) Naphthalene	10.397	128	9003	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	5324	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.245	142	5541	0.404	ng/ul	98
10) Acenaphthylene	13.938	152	7755	0.399	ng/ul	99
11) Acenaphthene	14.280	153	6075	0.412	ng/ul	97
12) Fluorene	15.275	166	6705	0.410	ng/ul	98
14) Pentachlorophenol	16.622	266	527	0.266	ng/ul	94
15) Phenanthrene	17.006	178	10331	0.392	ng/ul	100
16) Anthracene	17.099	178	8826	0.375	ng/ul	98
19) Fluoranthene	19.025	202	12264	0.393	ng/ul	100
20) Pyrene	19.388	202	12880	0.382	ng/ul	97
21) Benzo(a)anthracene	21.143	228	9726	0.367	ng/ul	99
22) Chrysene	21.192	228	12822	0.427	ng/ul	100
24) Benzo(b)fluoranthene	22.680	252	11426	0.390	ng/ul	99
25) Benzo(k)fluoranthene	22.724	252	13986	0.413	ng/ul	98
26) Benzo(a)pyrene	23.229	252	10175	0.376	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.473	276	15356	0.404	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.494	278	11648	0.394	ng/ul	96
29) Benzo(g,h,i)perylene	26.124	276	12214	0.399	ng/ul	98

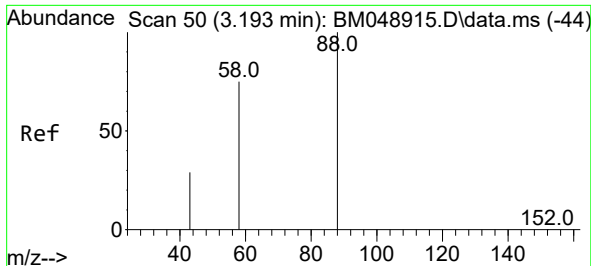
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
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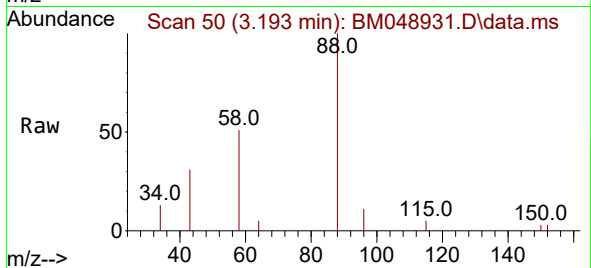
Quant Time: Dec 10 22:50:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



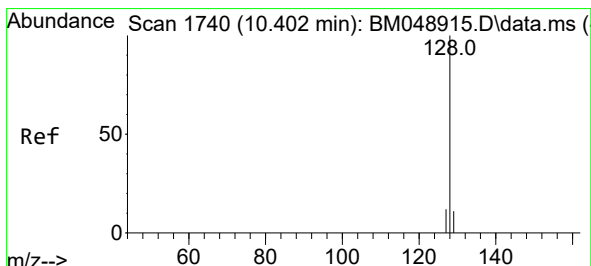
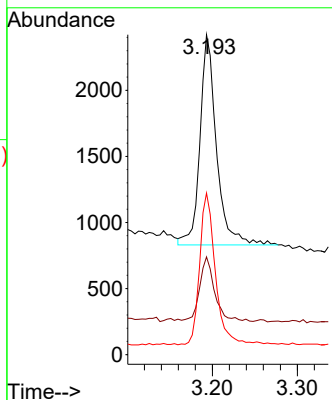
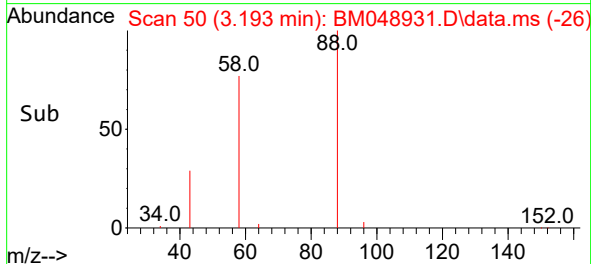


#2
1,4-Dioxane
Concen: 0.490 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :

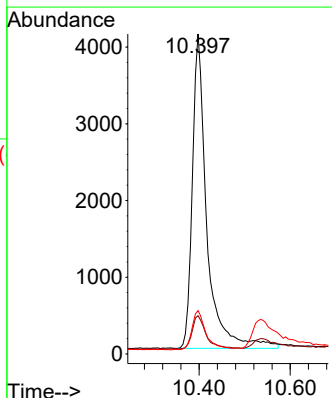
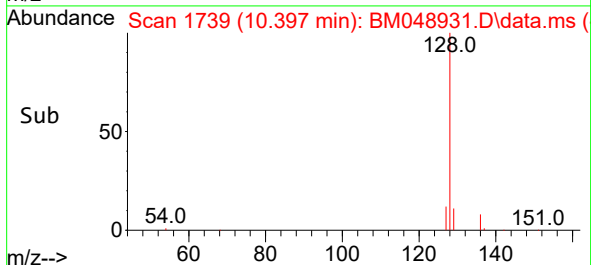
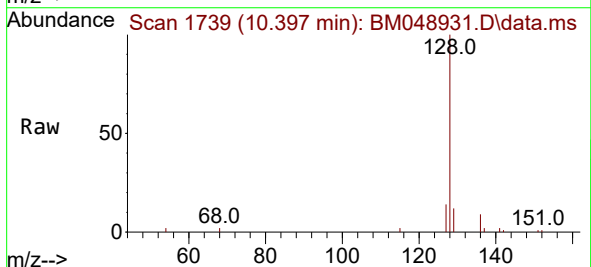


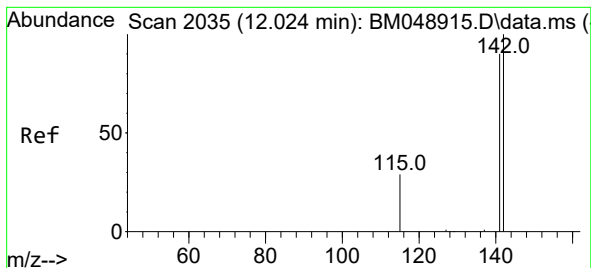
Tgt Ion: 88 Resp: 2154
Ion Ratio Lower Upper
88 100
43 30.6 32.3 48.5#
58 50.5 42.0 63.0



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.397 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Tgt Ion: 128 Resp: 9003
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 13.5 10.6 16.0

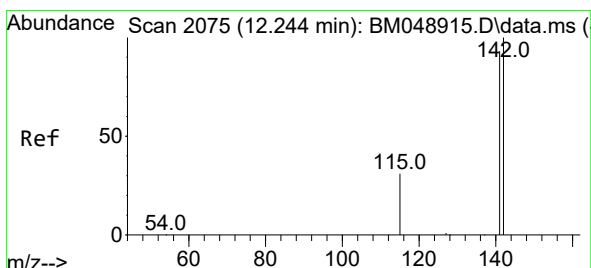
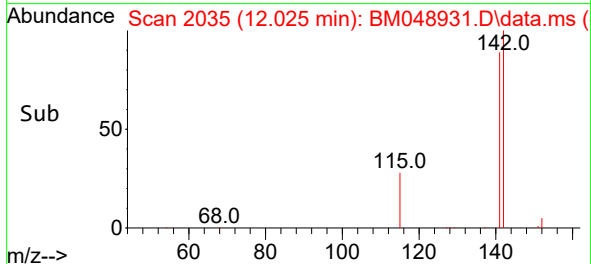
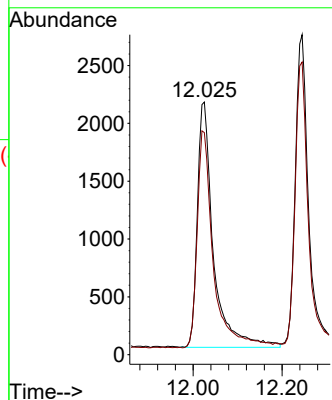
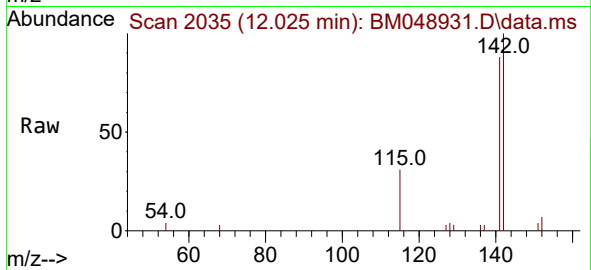




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. 0.001 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

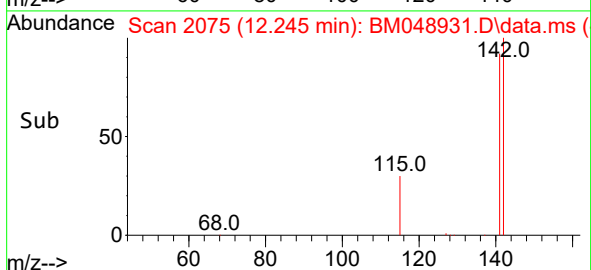
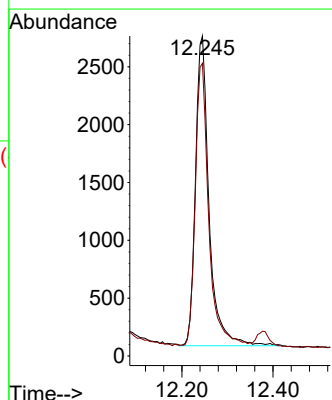
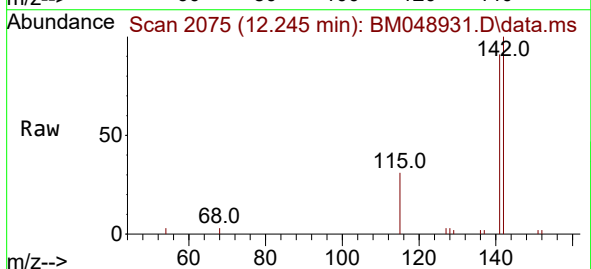
Instrument :
BNA_M
ClientSampleId :

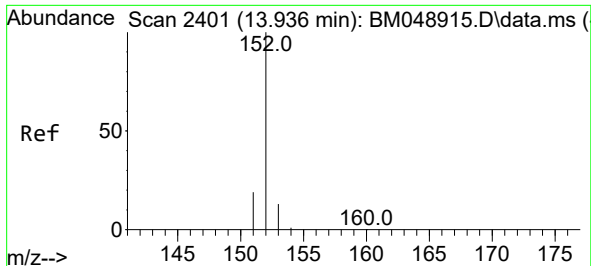
Tgt Ion:142 Resp: 5324
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

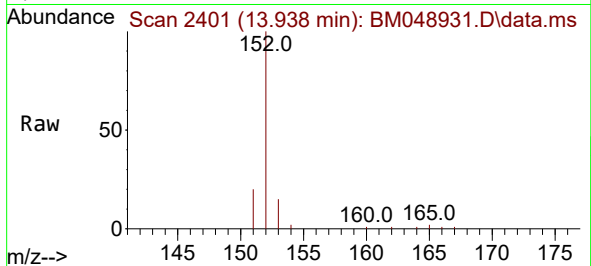
Tgt Ion:142 Resp: 5541
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2



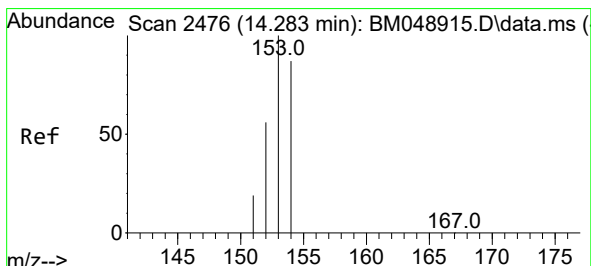
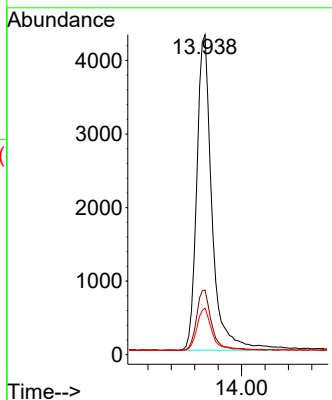


#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.938 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :

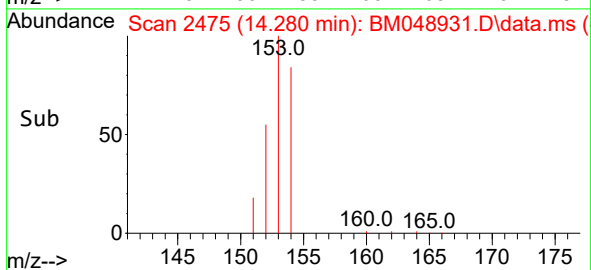
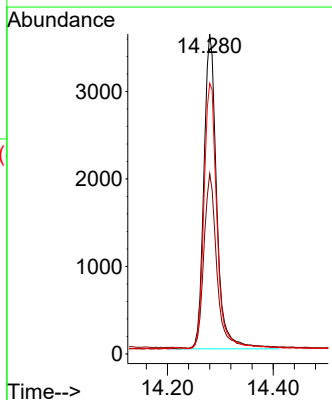
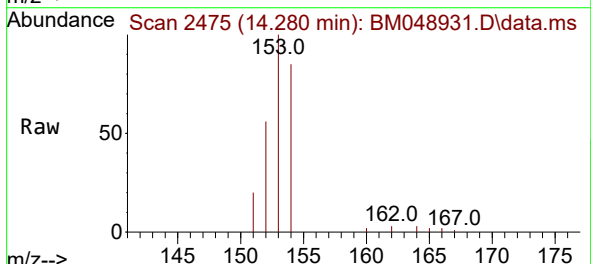


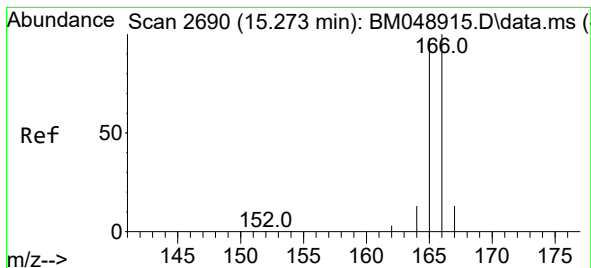
Tgt Ion:152 Resp: 7755
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.5 11.2 16.8



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Tgt Ion:153 Resp: 6075
Ion Ratio Lower Upper
153 100
152 56.3 43.5 65.3
154 84.6 69.5 104.3





#12

Fluorene

Concen: 0.410 ng/ul

RT: 15.275 min Scan# 2

Delta R.T. -0.003 min

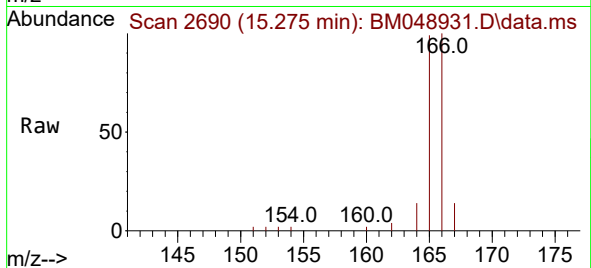
Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

Instrument :

BNA_M

ClientSampleId :



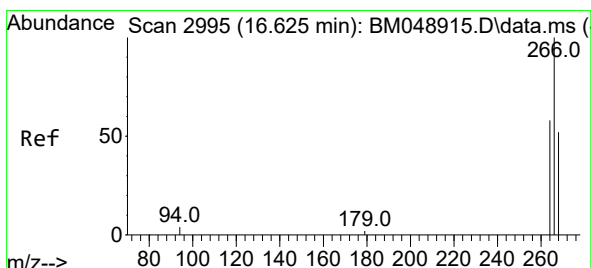
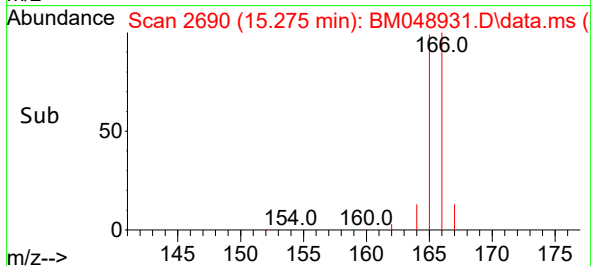
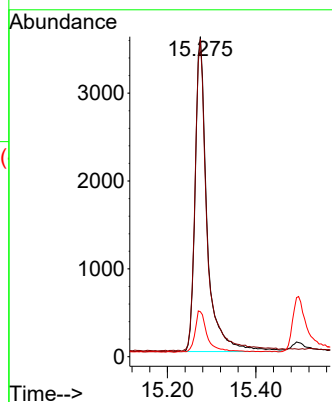
Tgt Ion:166 Resp: 6705

Ion Ratio Lower Upper

166 100

165 99.2 78.1 117.1

167 14.1 11.6 17.4



#14

Pentachlorophenol

Concen: 0.266 ng/ul

RT: 16.622 min Scan# 2994

Delta R.T. -0.003 min

Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

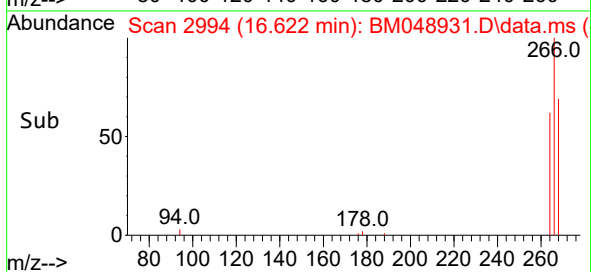
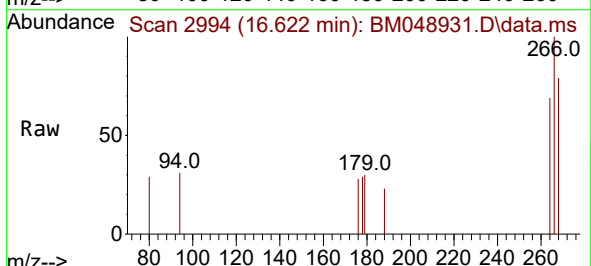
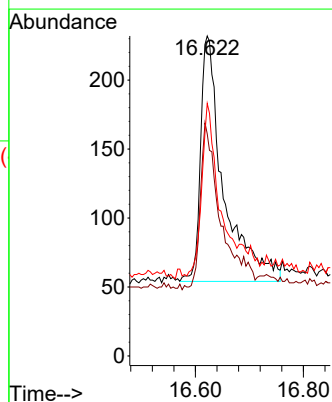
Tgt Ion:266 Resp: 527

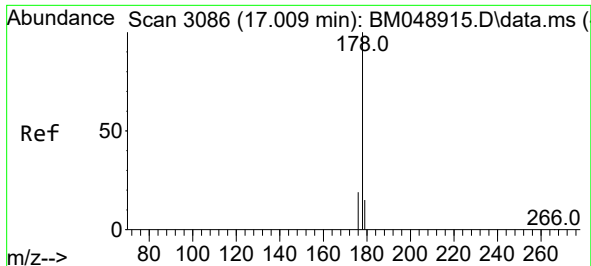
Ion Ratio Lower Upper

266 100

264 61.5 47.9 71.9

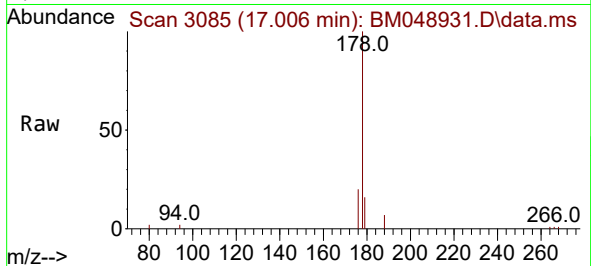
268 61.5 55.0 82.6



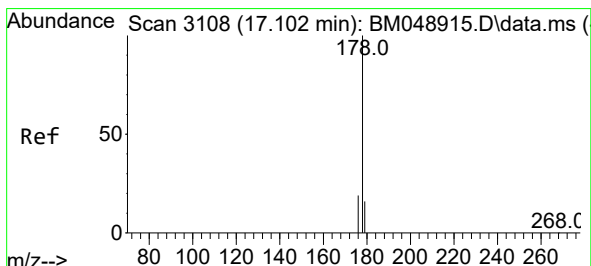
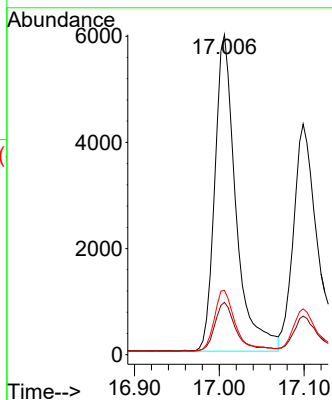


#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.003 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :

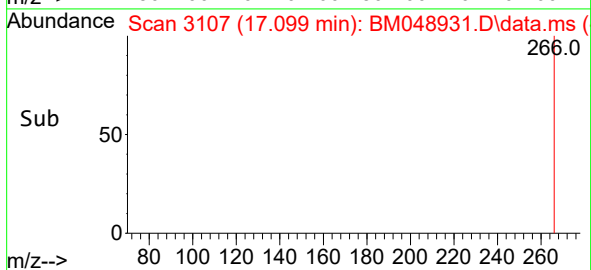
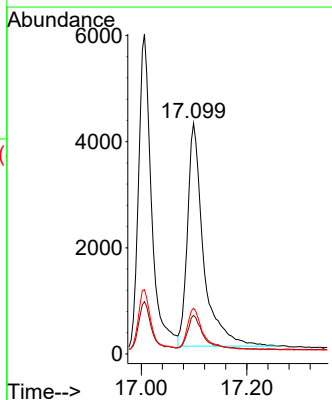
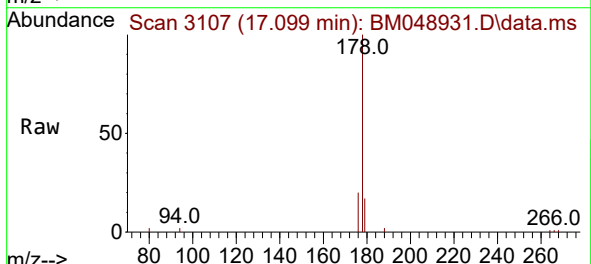


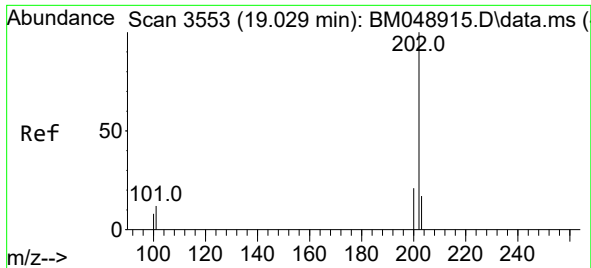
Tgt Ion:178 Resp: 10331
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.1 15.8 23.8



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

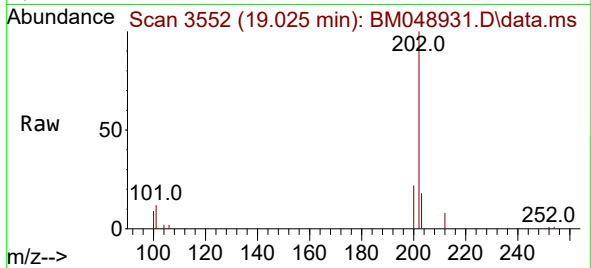
Tgt Ion:178 Resp: 8826
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 19.8 15.0 22.6



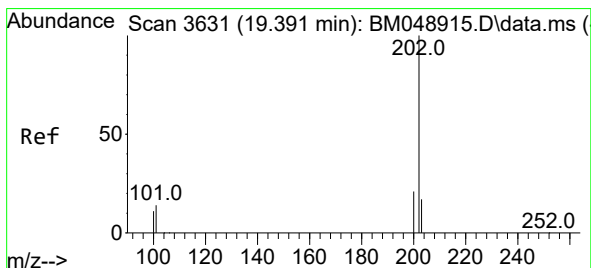
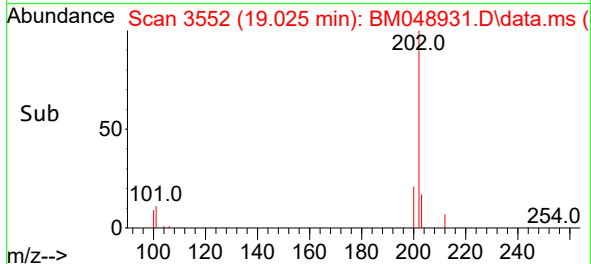
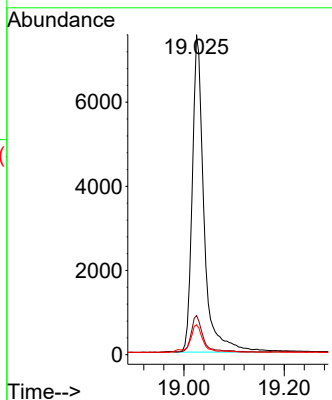


#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.025 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :

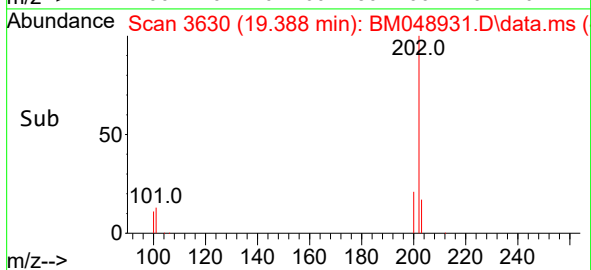
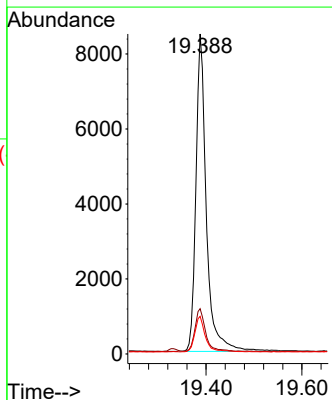
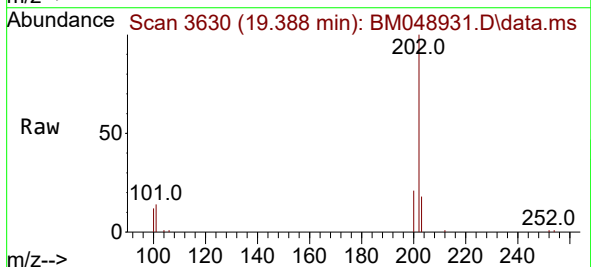


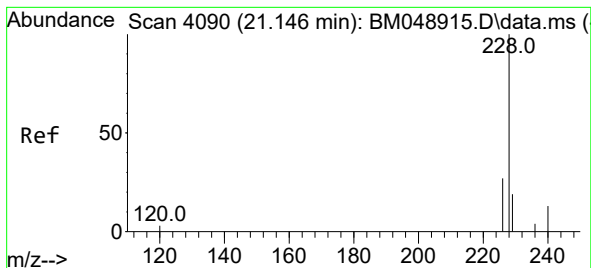
Tgt Ion:202 Resp: 12264
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.388 min Scan# 3630
Delta R.T. -0.008 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Tgt Ion:202 Resp: 12880
Ion Ratio Lower Upper
202 100
101 14.2 10.6 16.0
100 11.8 8.4 12.6





#21

Benzo(a)anthracene

Concen: 0.367 ng/ul

RT: 21.143 min Scan# 4090

Delta R.T. -0.006 min

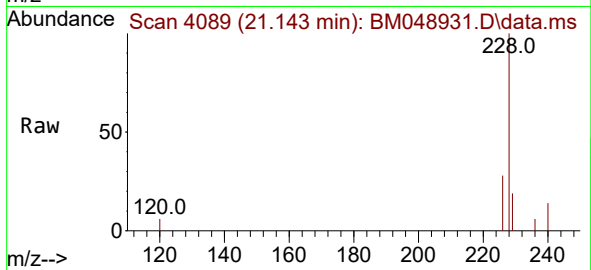
Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

Instrument :

BNA_M

ClientSampleId :



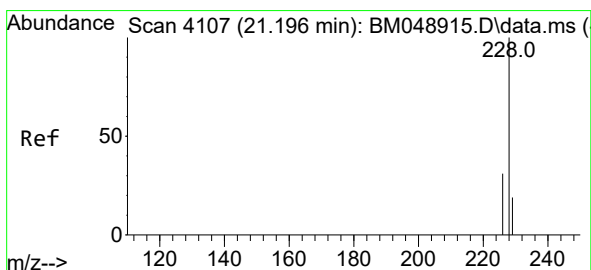
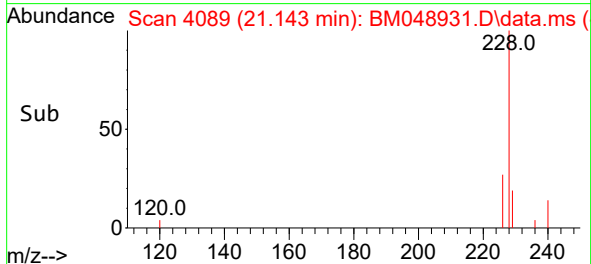
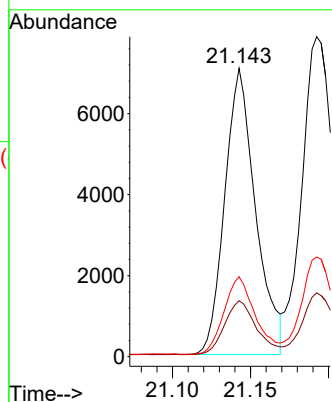
Tgt Ion:228 Resp: 9726

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

226 27.7 23.0 34.4



#22

Chrysene

Concen: 0.427 ng/ul

RT: 21.192 min Scan# 4106

Delta R.T. -0.006 min

Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

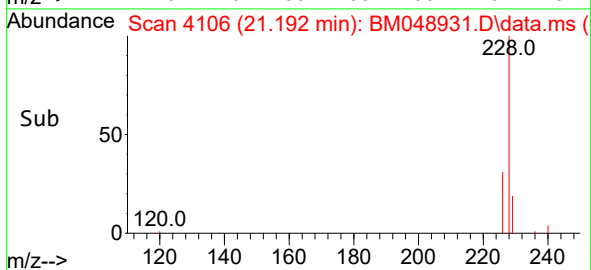
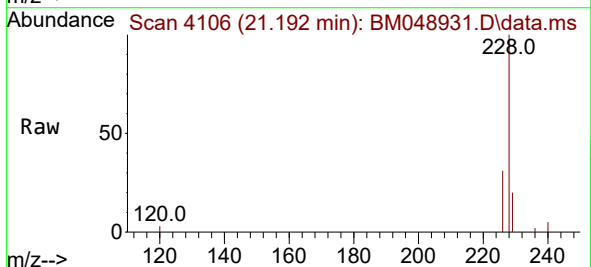
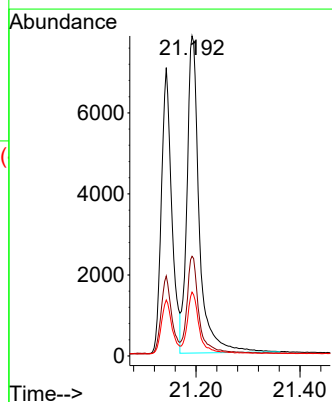
Tgt Ion:228 Resp: 12822

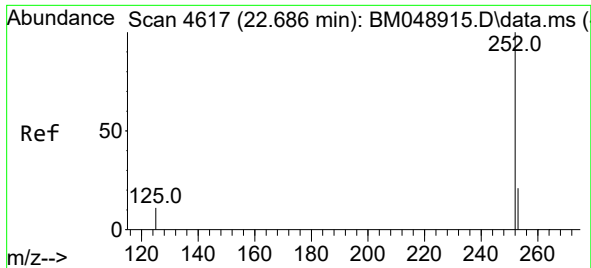
Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

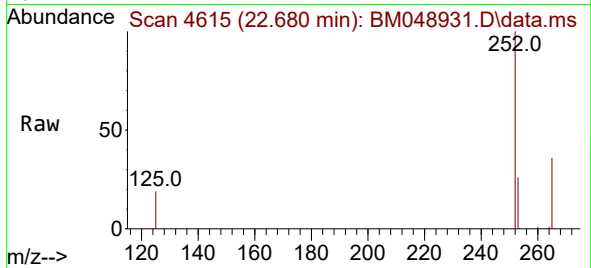
229 20.0 16.0 24.0



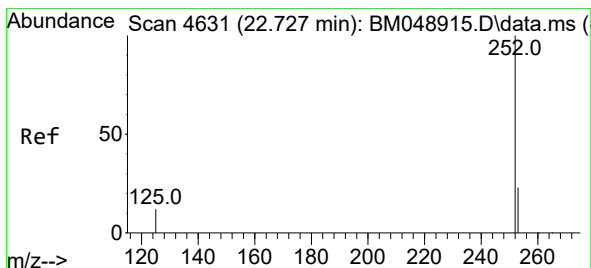
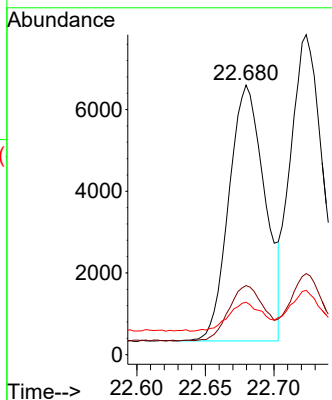


#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 22.680 min Scan# 4615
Delta R.T. -0.009 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :

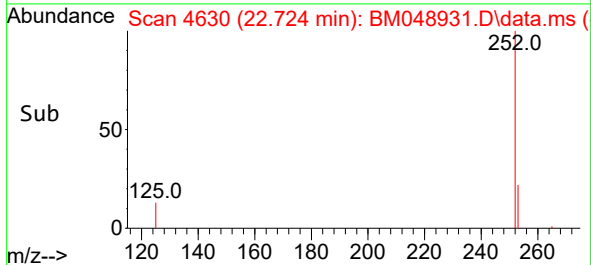
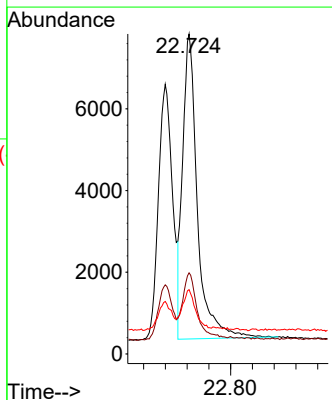
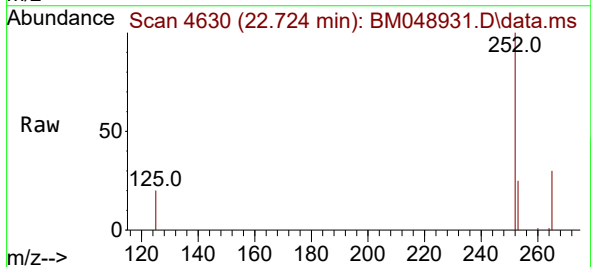


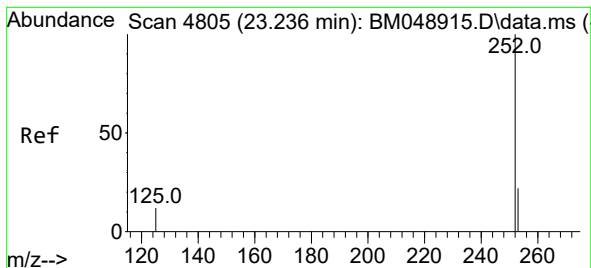
Tgt Ion:252 Resp: 11426
Ion Ratio Lower Upper
252 100
253 25.7 0.0 51.0
125 19.5 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 22.724 min Scan# 4630
Delta R.T. -0.009 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Tgt Ion:252 Resp: 13986
Ion Ratio Lower Upper
252 100
253 25.4 20.5 30.7
125 20.1 17.3 25.9





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.229 min Scan# 4803

Delta R.T. -0.012 min

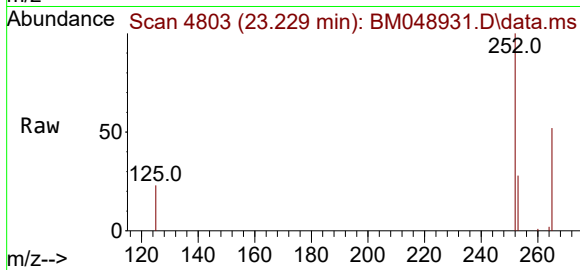
Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

Instrument :

BNA_M

ClientSampleId :



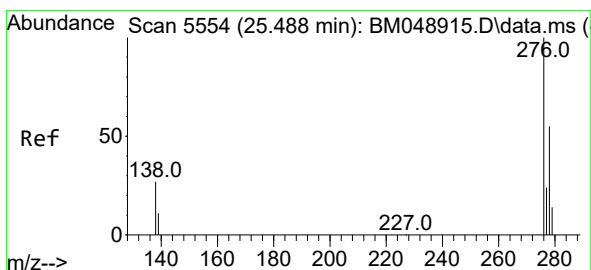
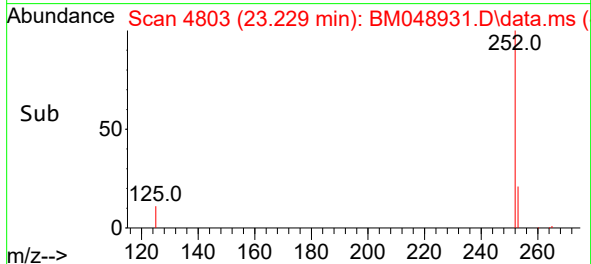
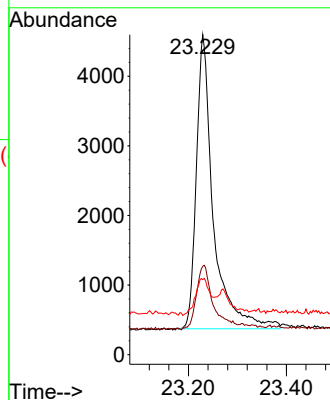
Tgt Ion:252 Resp: 10175

Ion Ratio Lower Upper

252 100

253 27.6 21.8 32.8

125 23.5 18.6 27.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng/ul

RT: 25.473 min Scan# 5550

Delta R.T. -0.017 min

Lab File: BM048931.D

Acq: 10 Dec 2024 20:21

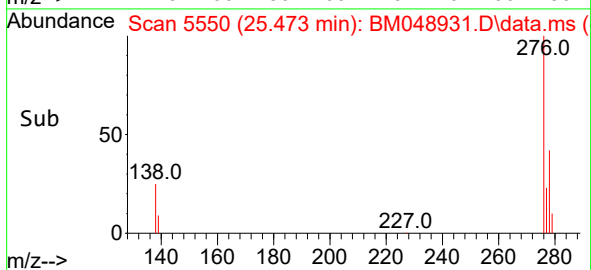
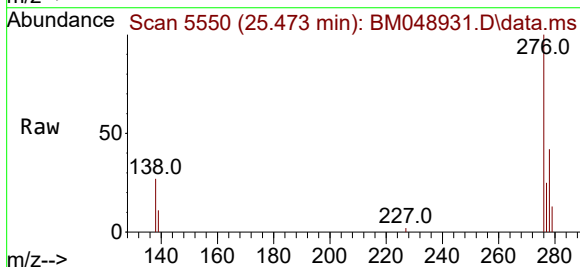
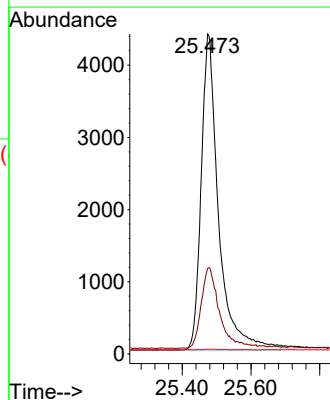
Tgt Ion:276 Resp: 15356

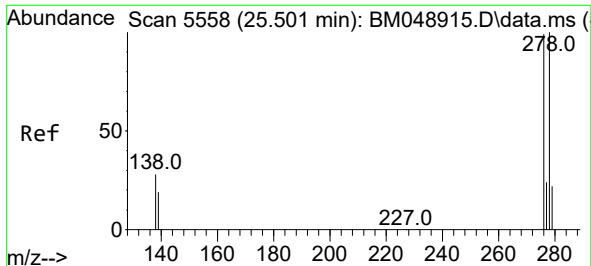
Ion Ratio Lower Upper

276 100

138 27.1 22.1 33.1

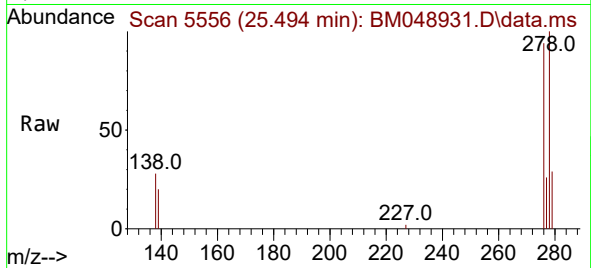
227 0.1 0.2 0.2#



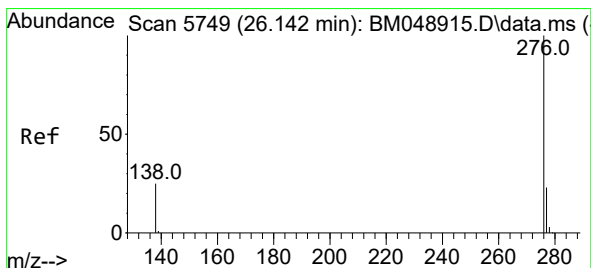
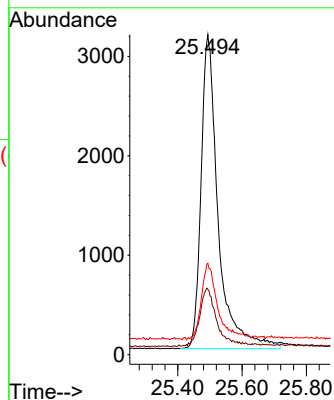


#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.494 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 11648
Ion Ratio Lower Upper
278 100
139 20.4 17.4 26.0
279 28.6 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.124 min Scan# 5744
Delta R.T. -0.021 min
Lab File: BM048931.D
Acq: 10 Dec 2024 20:21

Tgt Ion:276 Resp: 12214
Ion Ratio Lower Upper
276 100
138 25.9 19.8 29.6
277 25.6 19.6 29.4

