

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048895.D
 Acq On : 07 Dec 2024 14:00
 Operator : RC/JU
 Sample : P5114-05MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1PKOMS

Quant Time: Dec 08 21:47:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

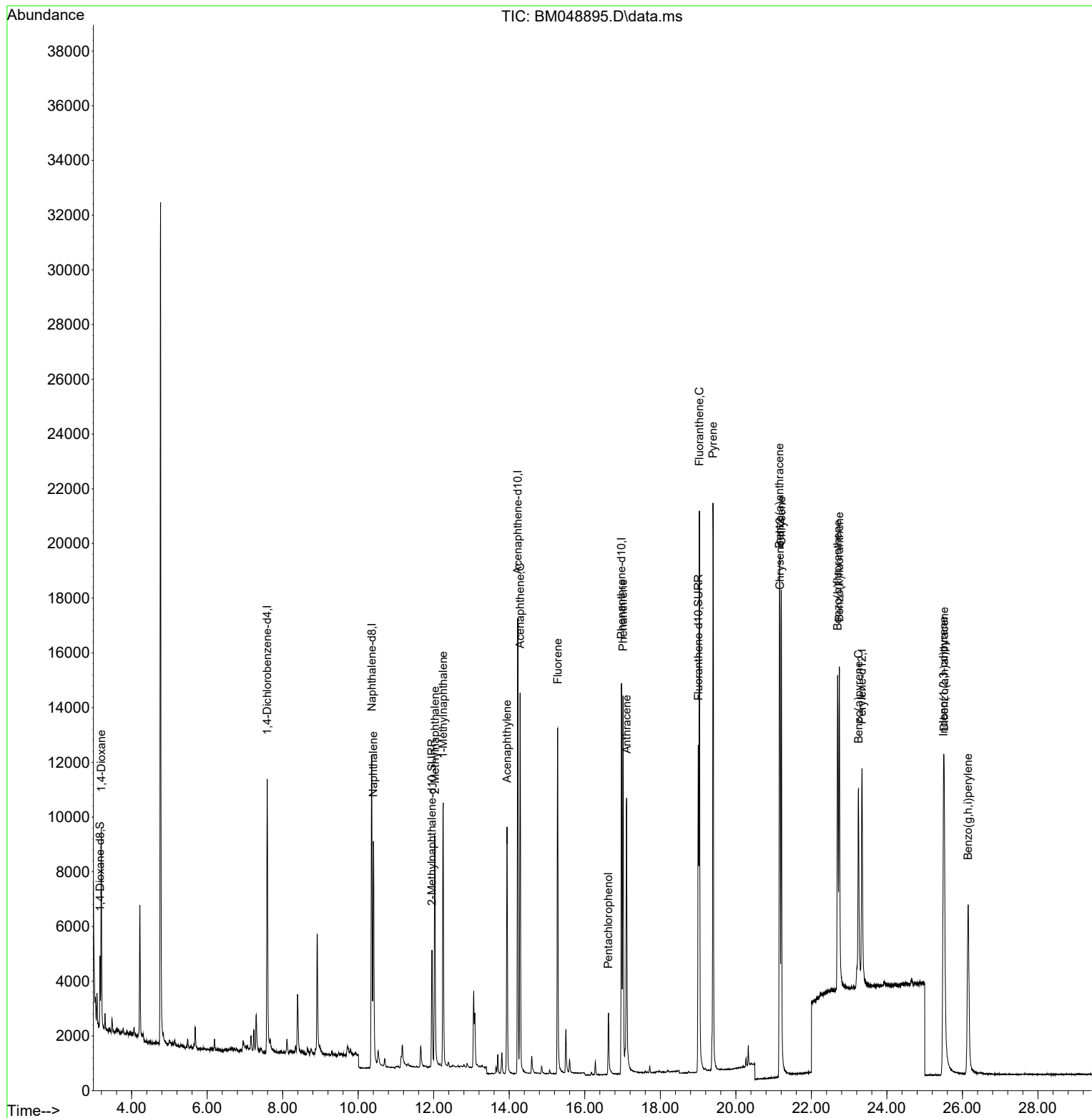
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	5989	0.400	ng/ul	0.00
4) Naphthalene-d8	10.358	136	16907	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	9189	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	17387	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	11485	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	11104	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1534	0.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	6444	0.317	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	13680	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	4610	0.509	ng/ul#	86
5) Naphthalene	10.402	128	12251	0.287	ng/ul	100
7) 2-Methylnaphthalene	12.029	142	7361	0.298	ng/ul	97
8) 1-Methylnaphthalene	12.249	142	7508	0.287	ng/ul	99
10) Acenaphthylene	13.941	152	10834	0.269	ng/ul	98
11) Acenaphthene	14.288	153	8142	0.280	ng/ul	97
12) Fluorene	15.283	166	9187	0.305	ng/ul	97
14) Pentachlorophenol	16.625	266	1929	1.283	ng/ul#	3
15) Phenanthrene	17.013	178	14954	0.339	ng/ul	99
16) Anthracene	17.106	178	12725	0.324	ng/ul	96
19) Fluoranthene	19.033	202	17710	0.335	ng/ul	99
20) Pyrene	19.396	202	18257	0.332	ng/ul	99
21) Benzo(a)anthracene	21.155	228	13892	0.428	ng/ul	98
22) Chrysene	21.205	228	16623	0.324	ng/ul	99
24) Benzo(b)fluoranthene	22.695	252	14642	0.469	ng/ul	94
25) Benzo(k)fluoranthene	22.739	252	16642	0.381	ng/ul	96
26) Benzo(a)pyrene	23.247	252	12189	0.381	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.497	276	17351	0.411	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.518	278	13321	0.422	ng/ul	93
29) Benzo(g,h,i)perylene	26.151	276	14111	0.385	ng/ul	96

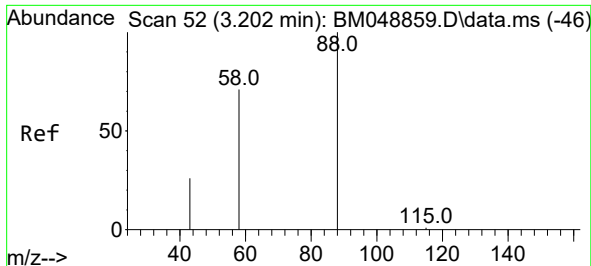
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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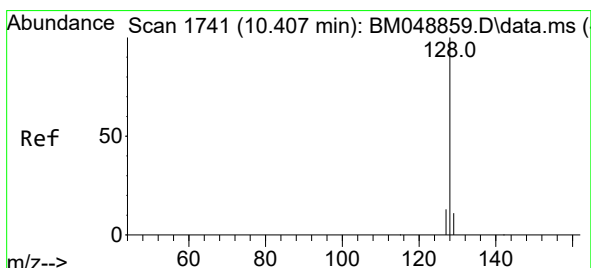
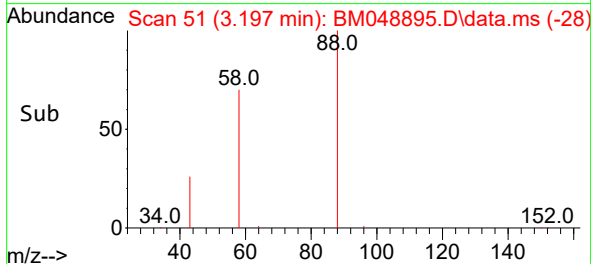
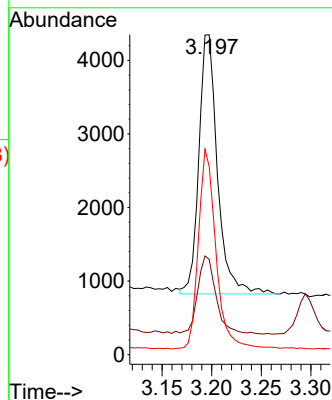
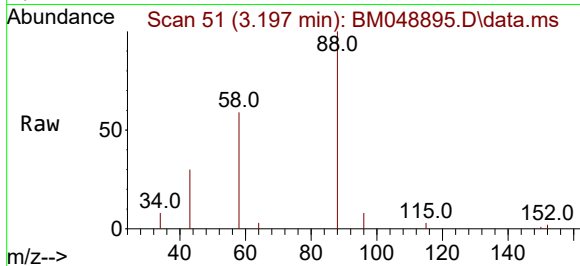




#2
1,4-Dioxane
Concen: 0.509 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

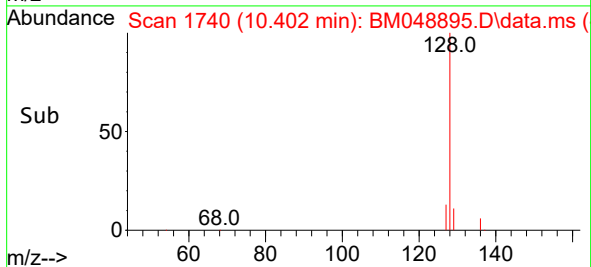
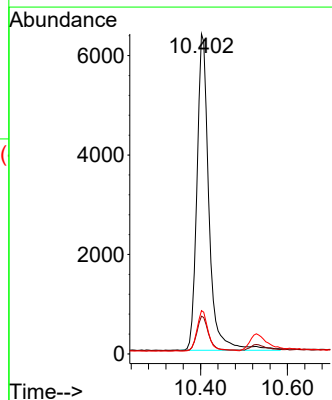
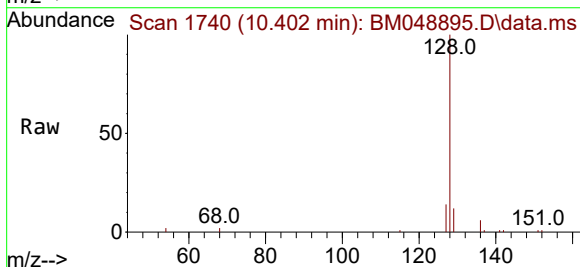
Instrument :
BNA_M
ClientSampleId :
E1PKOMS

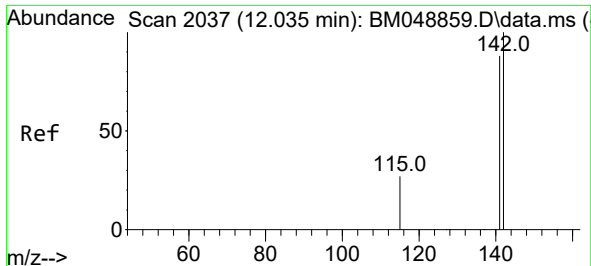
Tgt Ion: 88 Resp: 4610
Ion Ratio Lower Upper
88 100
43 29.8 20.6 30.8
58 58.9 37.6 56.4#



#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.402 min Scan# 1740
Delta R.T. -0.011 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion: 128 Resp: 12251
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.6 10.7 16.1

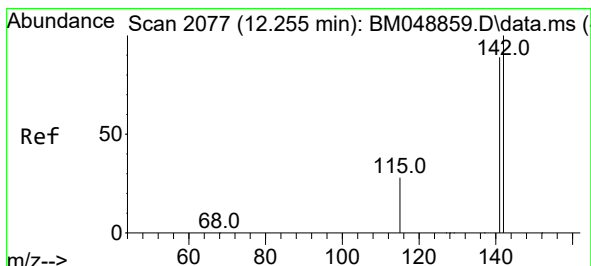
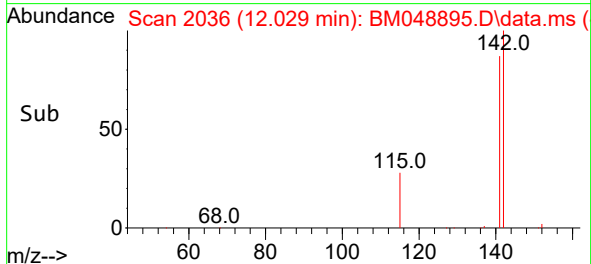
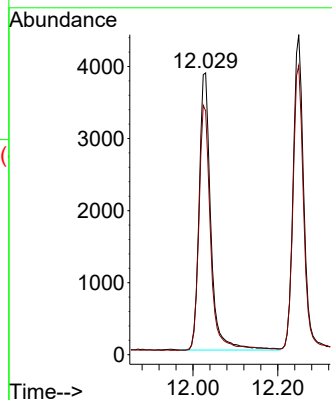
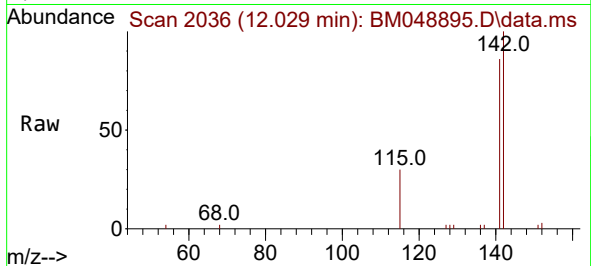




#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.029 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

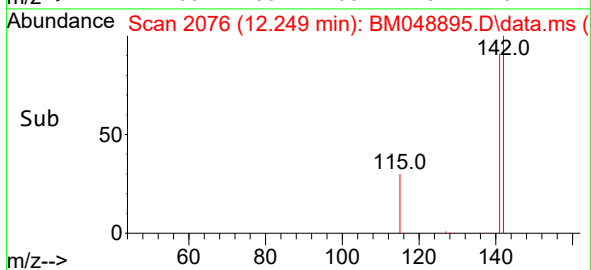
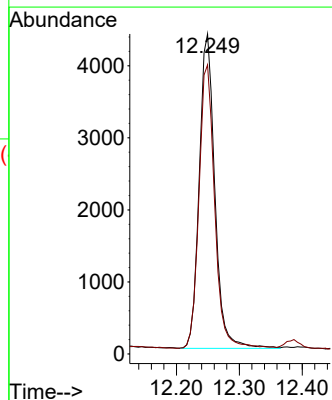
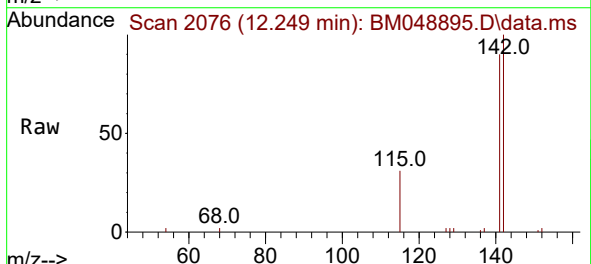
Instrument :
BNA_M
ClientSampleId :
E1PKOMS

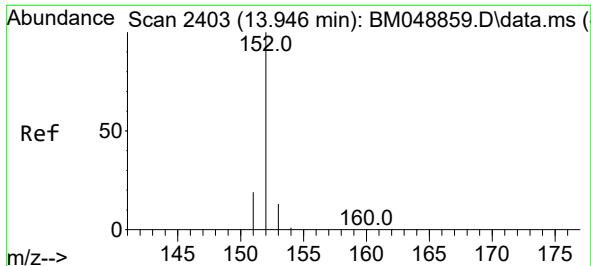
Tgt Ion:142 Resp: 7361
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.249 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:142 Resp: 7508
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7

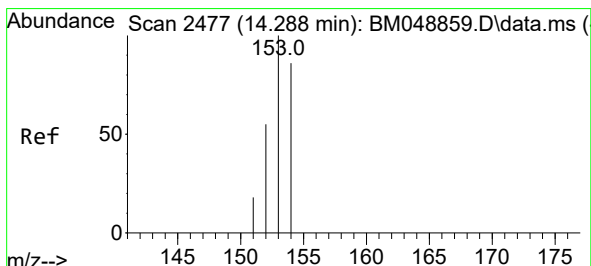
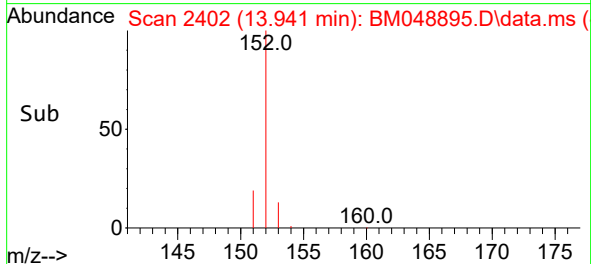
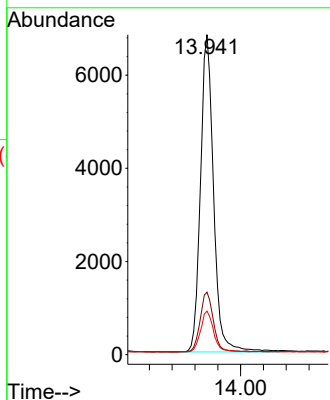
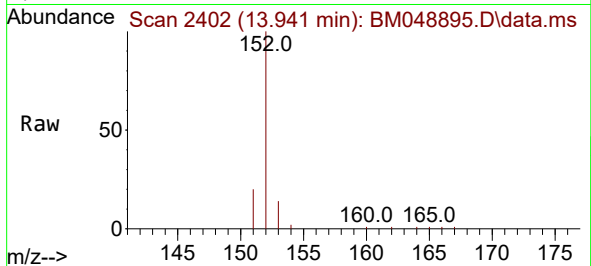




#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 13.941 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

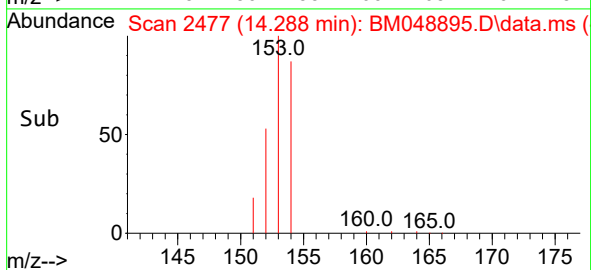
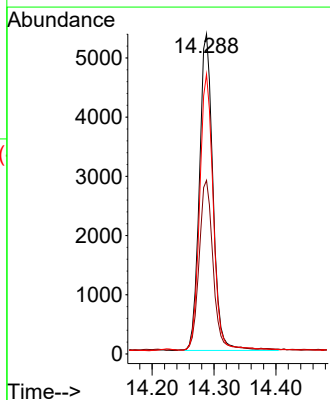
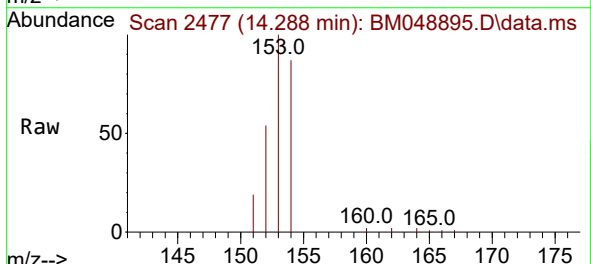
Instrument :
BNA_M
ClientSampleId :
E1PKOMS

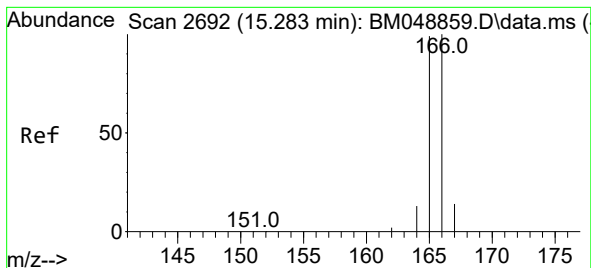
Tgt Ion:152 Resp: 10834
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.6 11.7 17.5



#11
Acenaphthene
Concen: 0.280 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:153 Resp: 8142
Ion Ratio Lower Upper
153 100
152 54.3 46.5 69.7
154 87.4 68.7 103.1





#12

Fluorene

Concen: 0.305 ng/ul

RT: 15.283 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM048895.D

Acq: 07 Dec 2024 14:00

Instrument :

BNA_M

ClientSampleId :

E1PKOMS

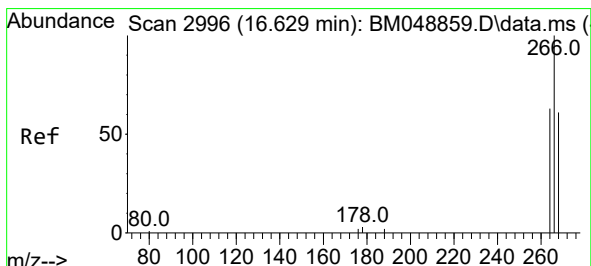
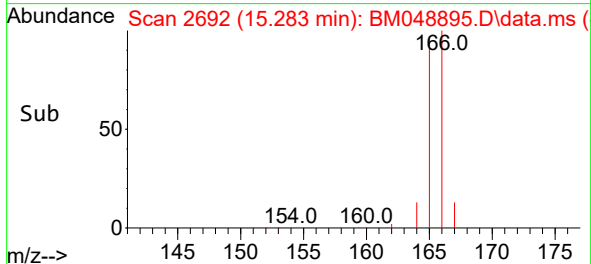
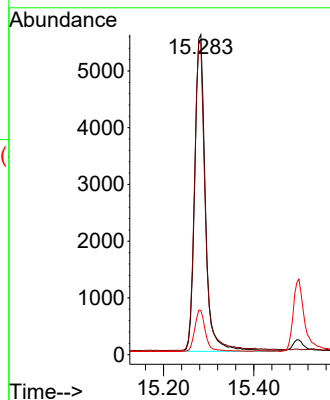
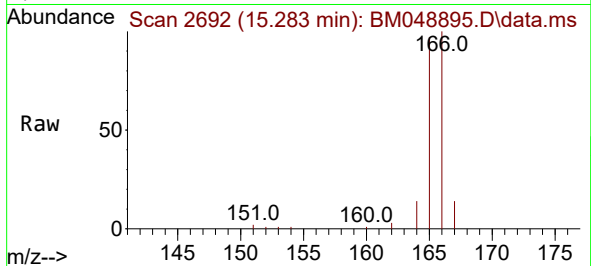
Tgt Ion:166 Resp: 9187

Ion Ratio Lower Upper

166 100

165 97.2 79.8 119.6

167 13.9 12.2 18.2



#14

Pentachlorophenol

Concen: 1.283 ng/ul

RT: 16.625 min Scan# 2995

Delta R.T. -0.009 min

Lab File: BM048895.D

Acq: 07 Dec 2024 14:00

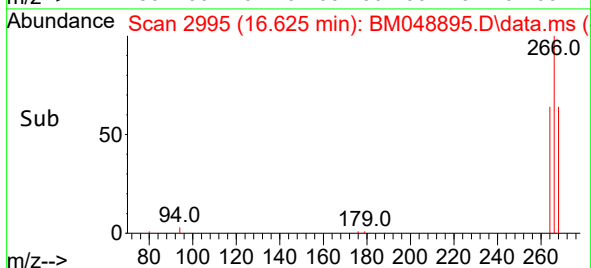
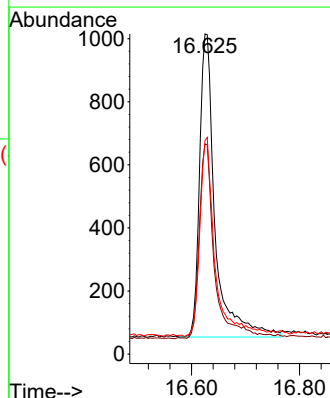
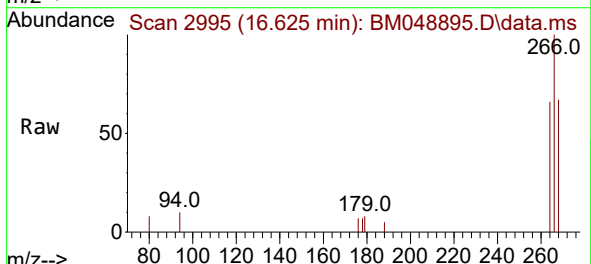
Tgt Ion:266 Resp: 1929

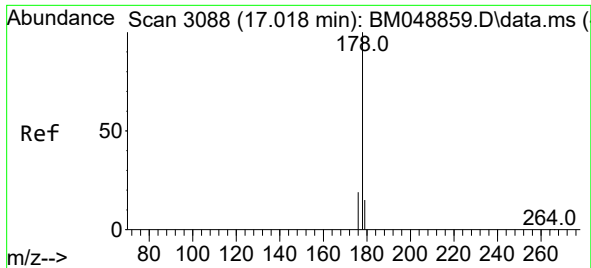
Ion Ratio Lower Upper

266 100

264 63.0 15.3 22.9#

268 64.3 0.0 0.0#

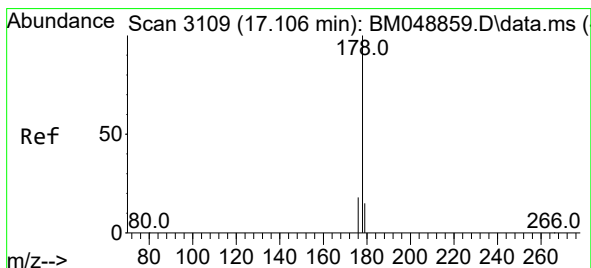
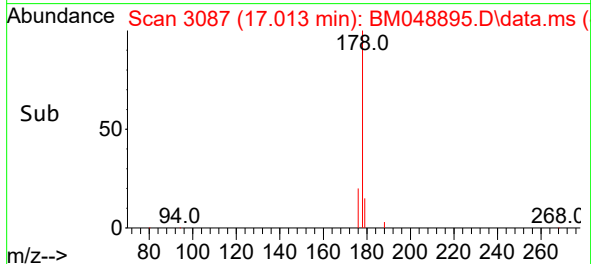
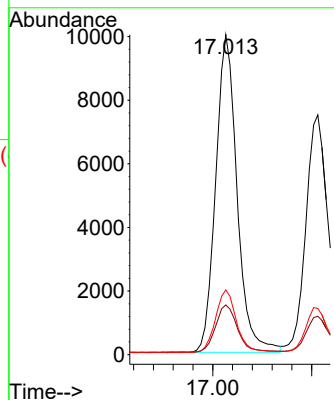
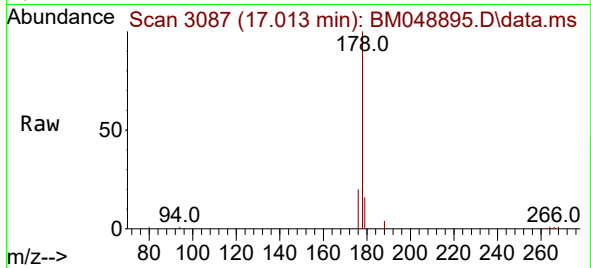




#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.013 min Scan# 3088
Delta R.T. -0.004 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

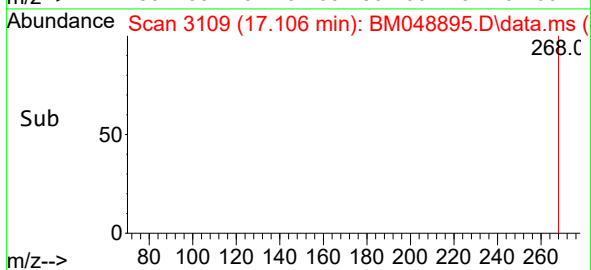
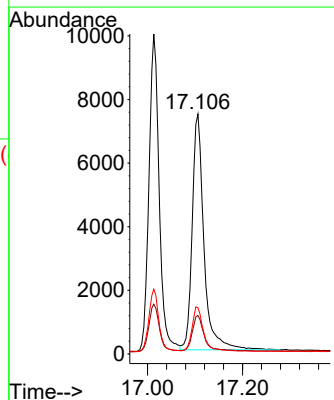
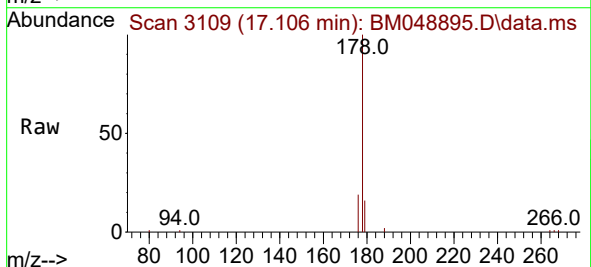
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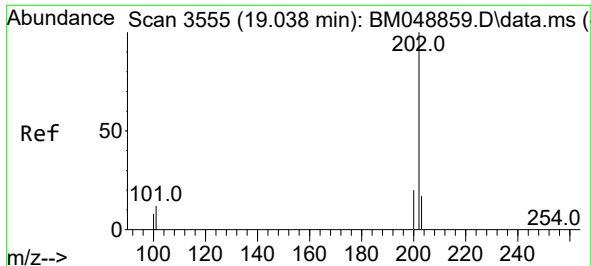
Tgt Ion:178 Resp: 14954
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.0
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:178 Resp: 12725
Ion Ratio Lower Upper
178 100
179 16.0 14.0 21.0
176 19.3 17.0 25.4

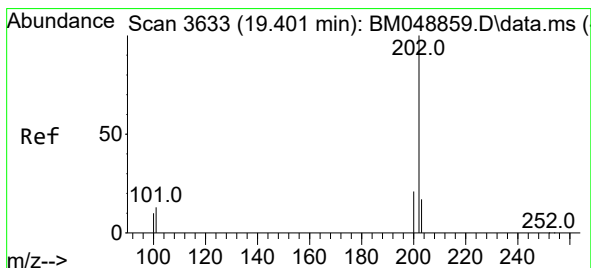
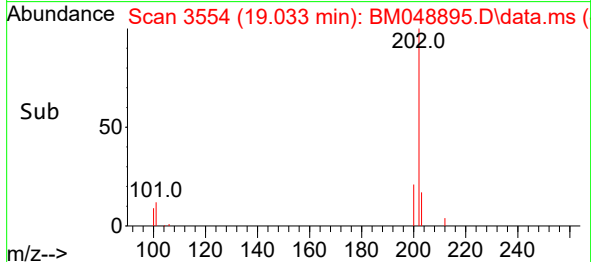
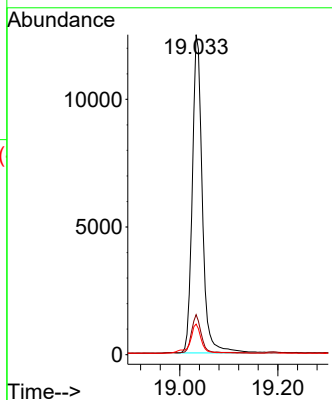
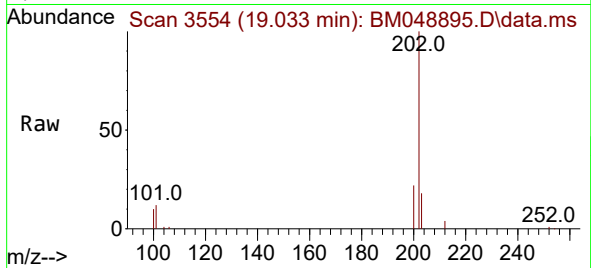




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.033 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

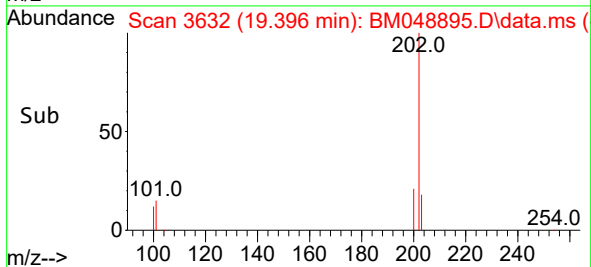
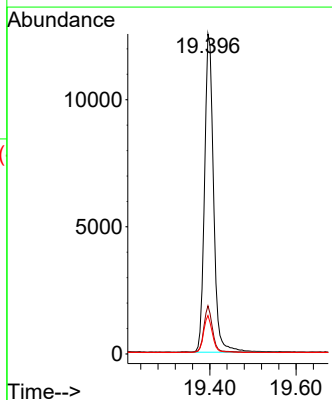
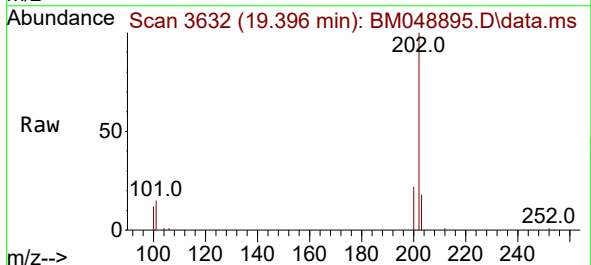
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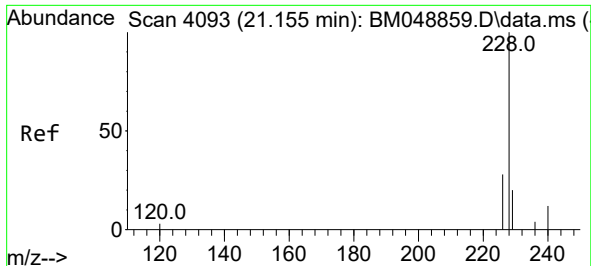
Tgt Ion:202 Resp: 17710
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.396 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:202 Resp: 18257
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.0 9.4 14.0

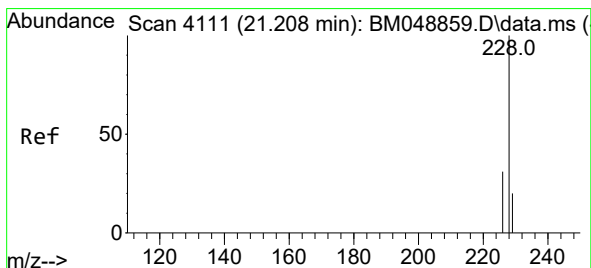
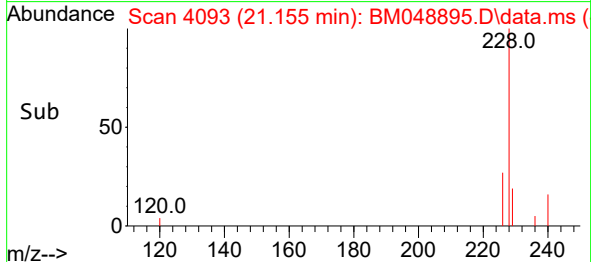
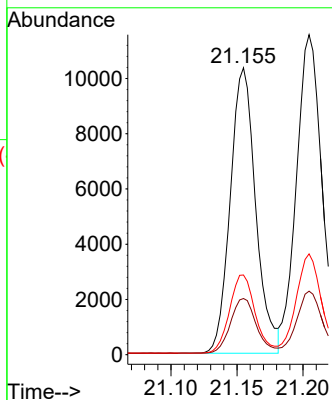
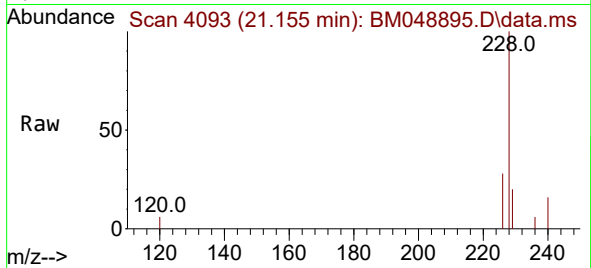




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

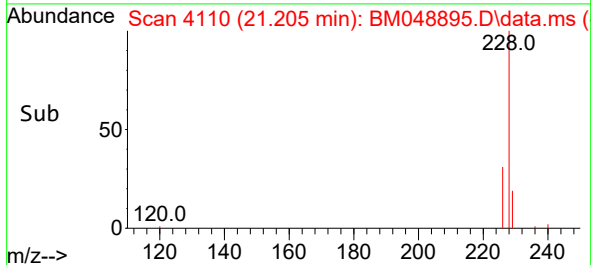
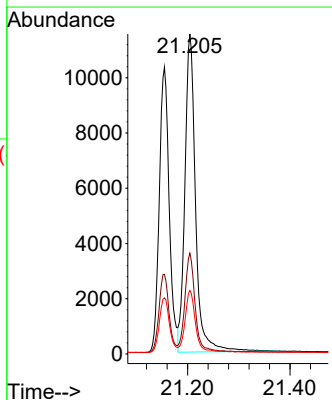
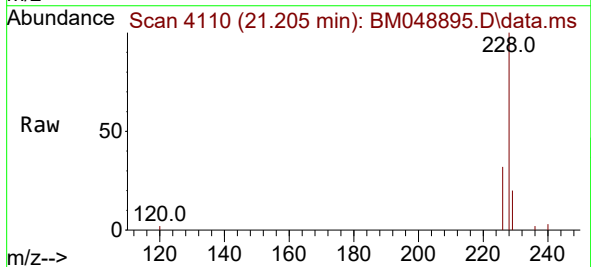
Instrument :
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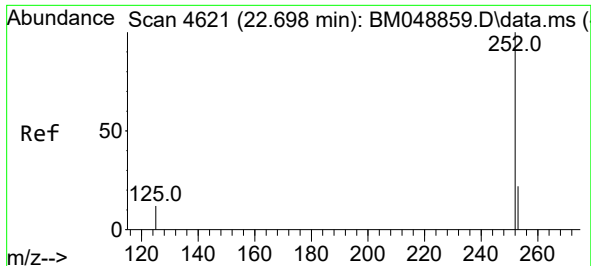
Tgt Ion:228 Resp: 13892
Ion Ratio Lower Upper
228 100
229 19.6 17.0 25.6
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.205 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:228 Resp: 16623
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 19.9 16.1 24.1

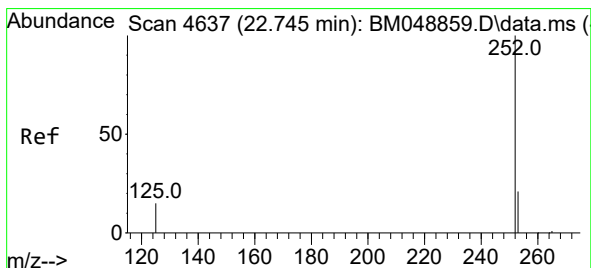
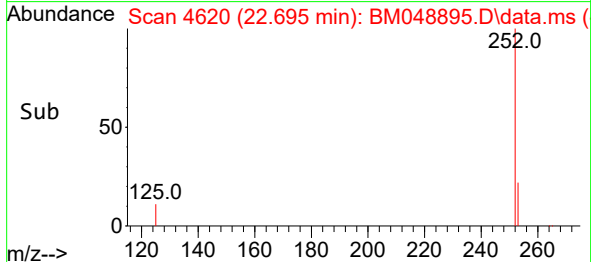
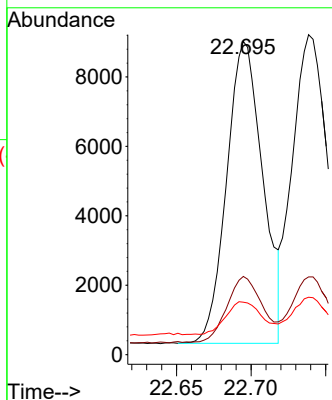
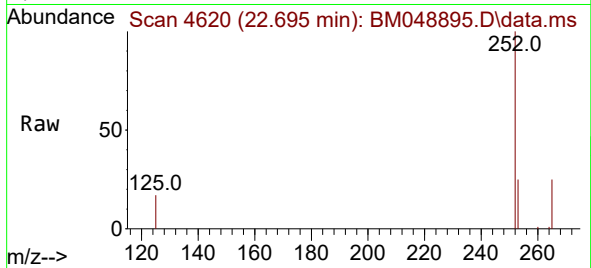




#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 22.695 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

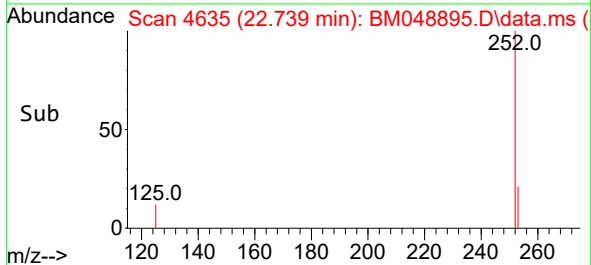
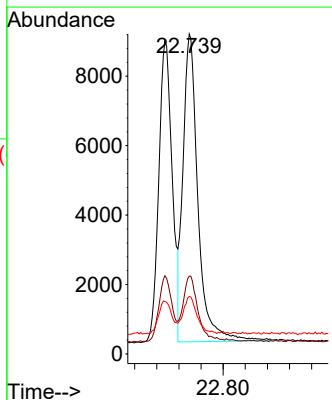
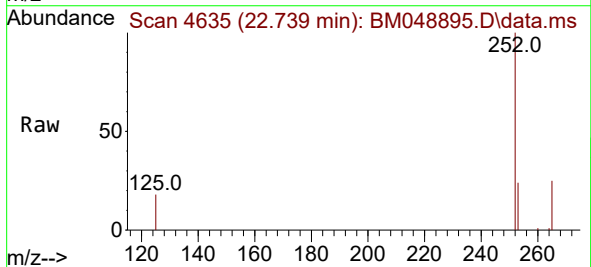
Instrument :
BNA_M
ClientSampleId :
E1PKOMS

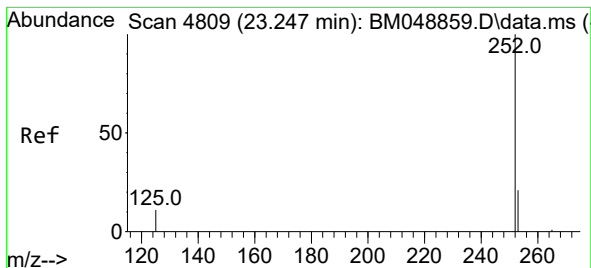
Tgt Ion:252 Resp: 14642
Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.2
125 16.8 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:252 Resp: 16642
Ion Ratio Lower Upper
252 100
253 24.3 20.8 31.2
125 17.9 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.247 min Scan# 4809

Delta R.T. -0.006 min

Lab File: BM048895.D

Acq: 07 Dec 2024 14:00

Instrument :

BNA_M

ClientSampleId :

E1PKOMS

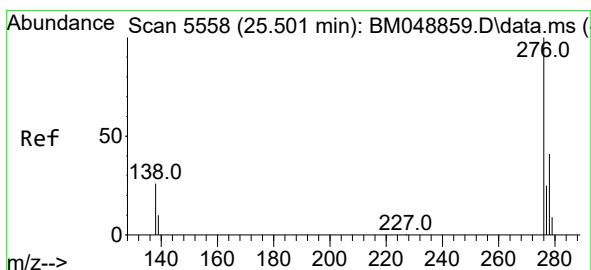
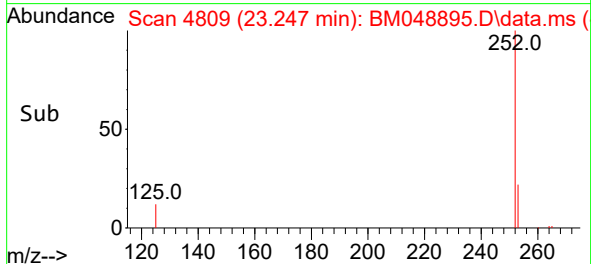
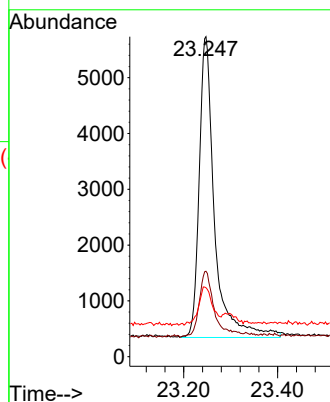
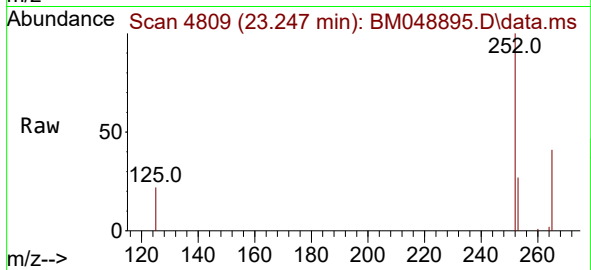
Tgt Ion:252 Resp: 12189

Ion Ratio Lower Upper

252 100

253 26.7 22.5 33.7

125 21.5 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 25.497 min Scan# 5557

Delta R.T. -0.010 min

Lab File: BM048895.D

Acq: 07 Dec 2024 14:00

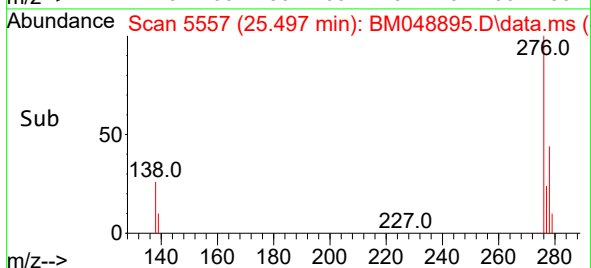
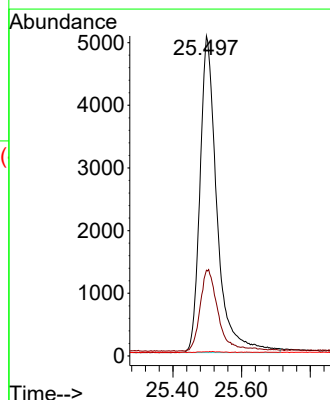
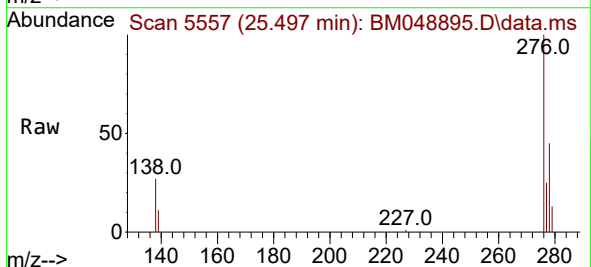
Tgt Ion:276 Resp: 17351

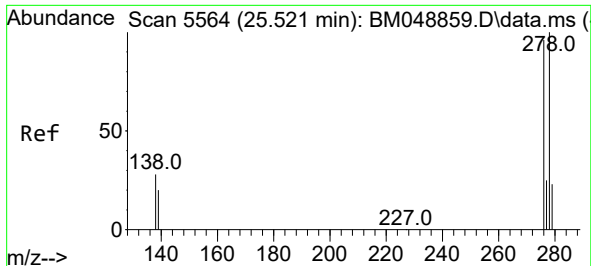
Ion Ratio Lower Upper

276 100

138 27.6 23.3 34.9

227 0.1 0.1 0.1#

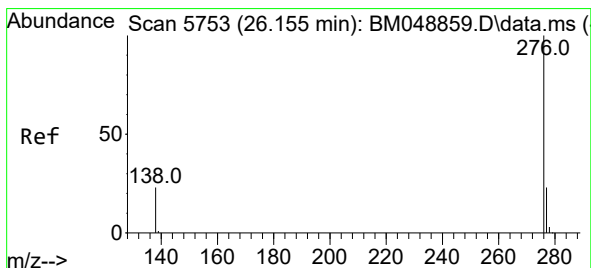
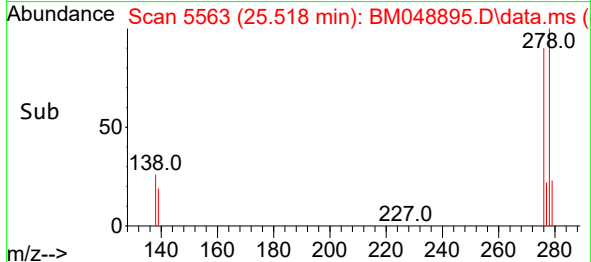
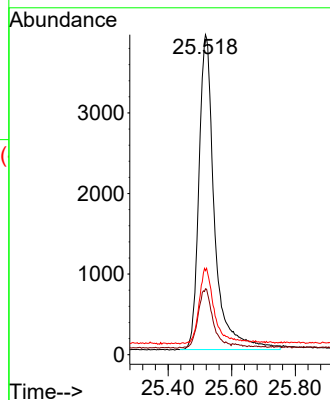
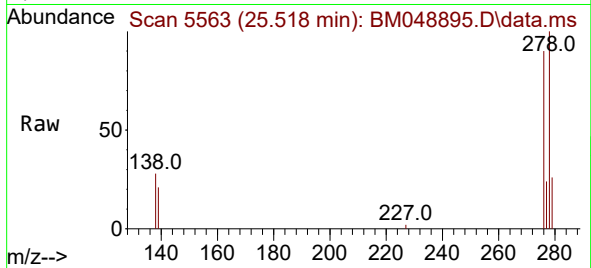




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.518 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Instrument :
BNA_M
ClientSampleId :
E1PKOMS

Tgt Ion:278 Resp: 13321
Ion Ratio Lower Upper
278 100
139 20.6 18.6 27.8
279 26.3 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.151 min Scan# 5752
Delta R.T. -0.010 min
Lab File: BM048895.D
Acq: 07 Dec 2024 14:00

Tgt Ion:276 Resp: 14111
Ion Ratio Lower Upper
276 100
138 25.4 22.2 33.2
277 25.6 21.8 32.6

