

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
 Data File : BM048815.D
 Acq On : 02 Dec 2024 21:06
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV005

Quant Time: Dec 03 00:24:02 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 : Tue Dec 03 00:22:16 2024
 Response via : Initial Calibration

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

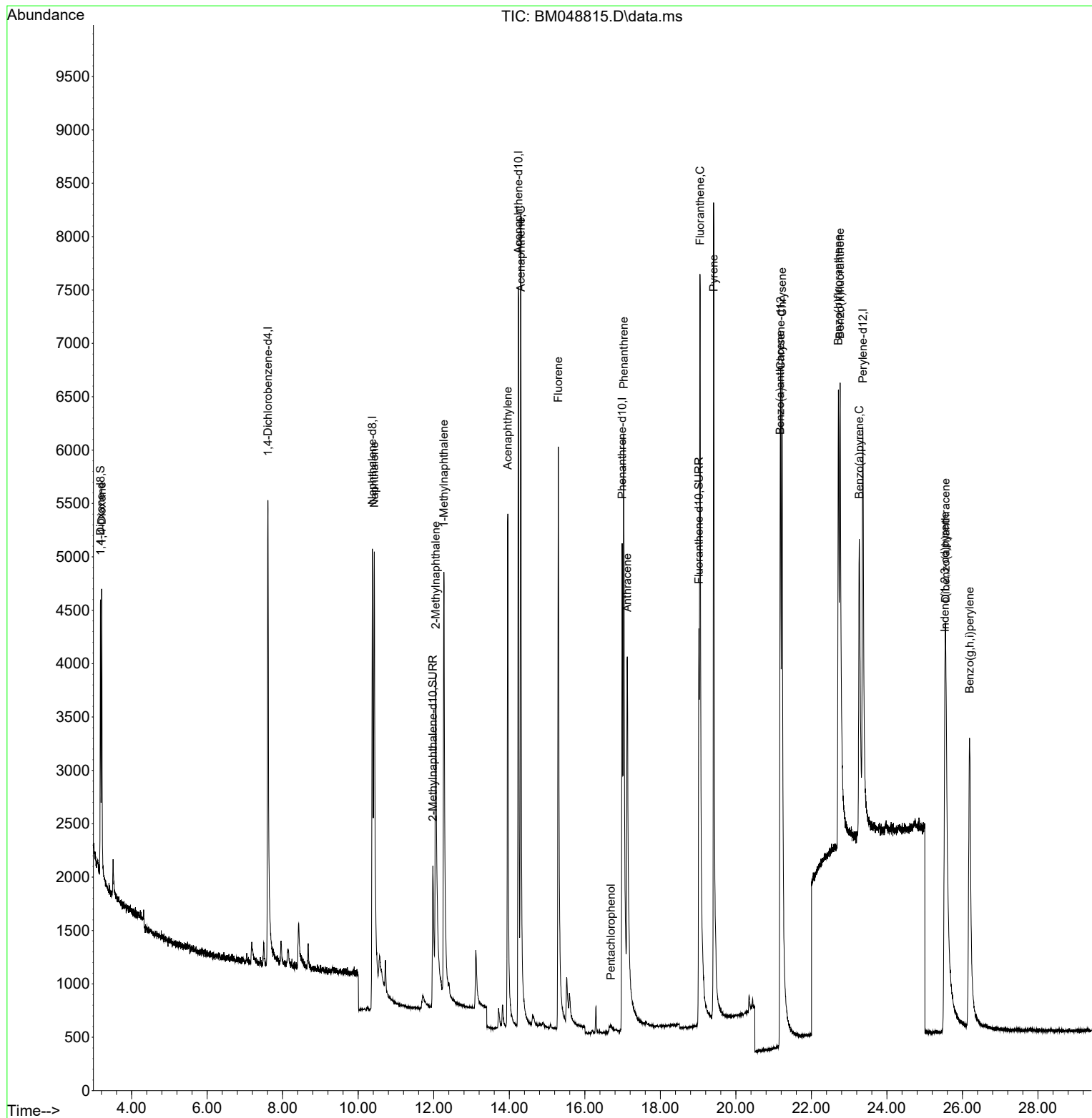
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	8845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	4811	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	9162	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	5797	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	6678	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1522	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	3609	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	6350	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.206	88	1729	0.346	ng/ul	98
5) Naphthalene	10.425	128	7735	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.053	142	4534	0.351	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	4522	0.331	ng/ul	96
10) Acenaphthylene	13.961	152	7464	0.354	ng/ul	98
11) Acenaphthene	14.303	153	5323	0.350	ng/ul	97
12) Fluorene	15.298	166	5547	0.352	ng/ul	100
14) Pentachlorophenol	16.689	266	203	0.256	ng/ul#	72
15) Phenanthrene	17.031	178	7604	0.327	ng/ul	99
16) Anthracene	17.124	178	6930	0.335	ng/ul	98
19) Fluoranthene	19.053	202	9179	0.344	ng/ul	98
20) Pyrene	19.411	202	9427	0.340	ng/ul	98
21) Benzo(a)anthracene	21.172	228	5086	0.311	ng/ul	99
22) Chrysene	21.222	228	9134	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252	6262	0.334	ng/ul	99
25) Benzo(k)fluoranthene	22.759	252	9025	0.343	ng/ul	99
26) Benzo(a)pyrene	23.270	252	6972	0.363	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.534	276	8874	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.557	278	6648	0.350	ng/ul	95
29) Benzo(g,h,i)perylene	26.188	276	7851	0.356	ng/ul	98

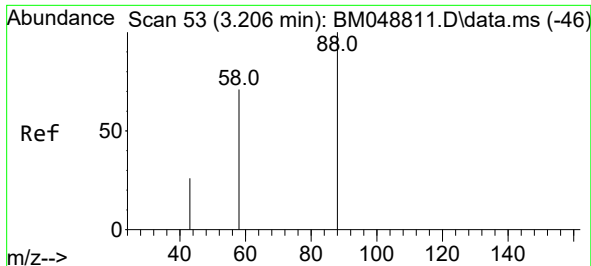
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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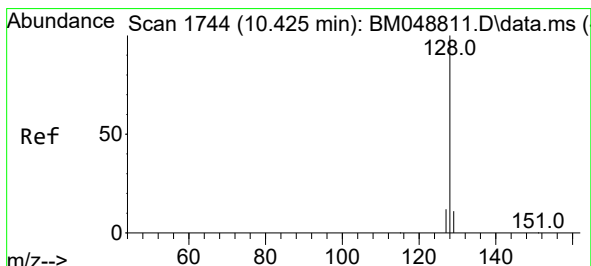
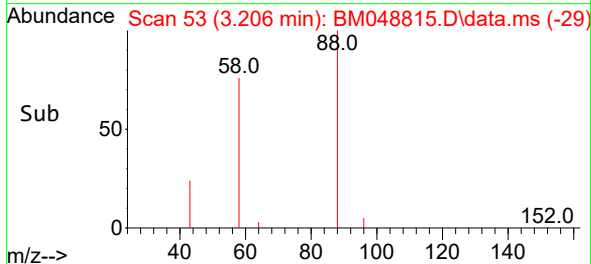
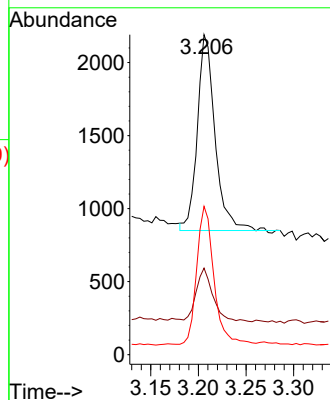
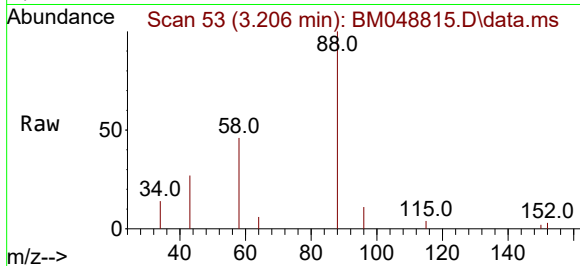




#2
1,4-Dioxane
Concen: 0.346 ng/ul
RT: 3.206 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

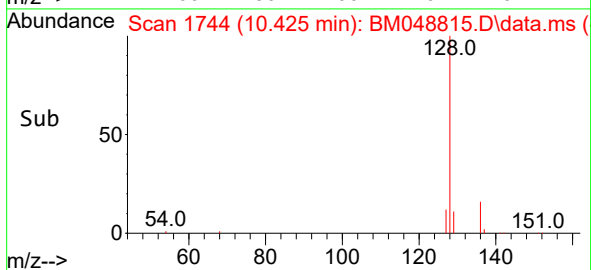
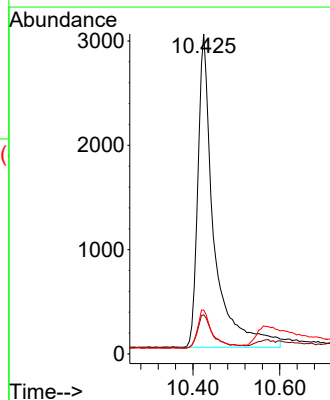
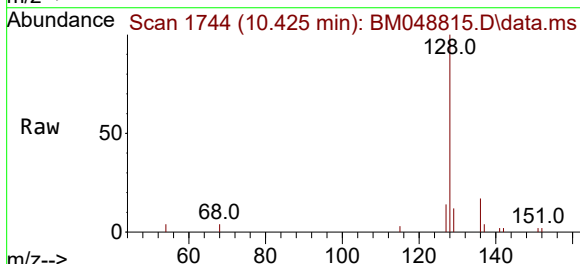
Instrument :
BNA_M
ClientSampleId :
SICV005

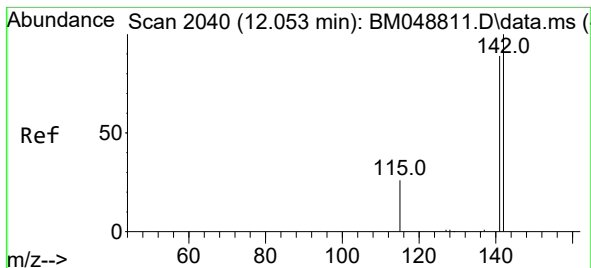
Tgt Ion: 88 Resp: 1729
Ion Ratio Lower Upper
88 100
43 27.1 20.6 30.8
58 46.3 37.6 56.4



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion: 128 Resp: 7735
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 13.7 10.7 16.1

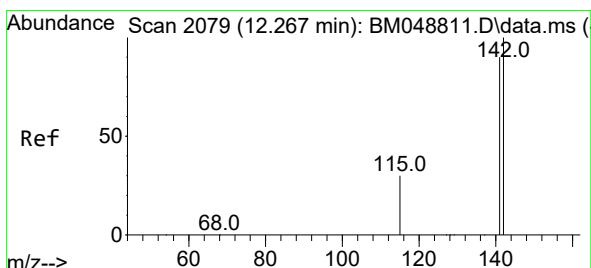
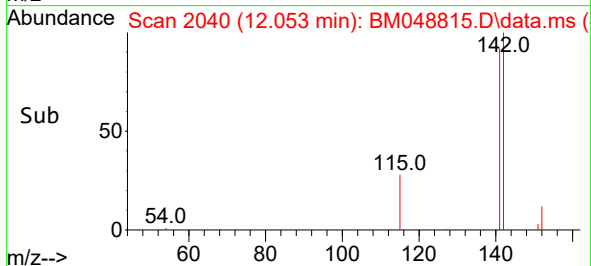
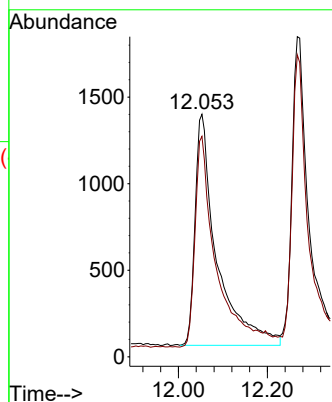
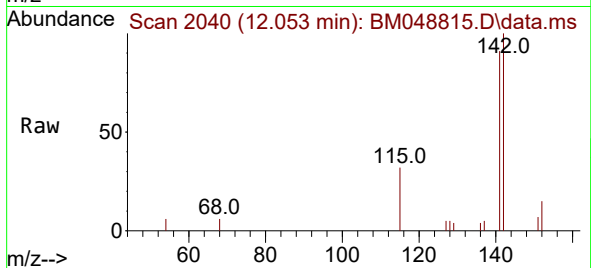




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.053 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

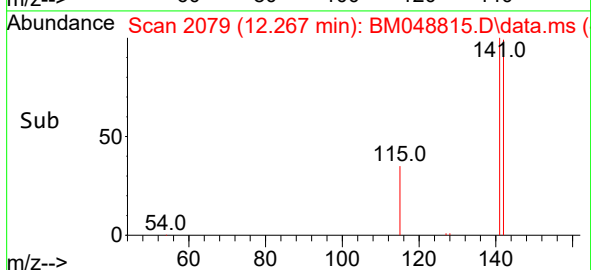
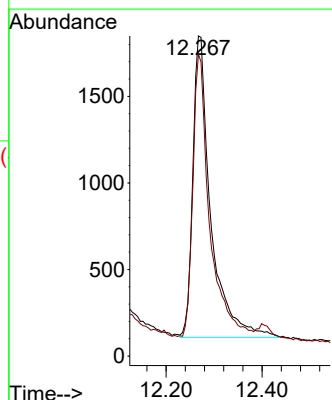
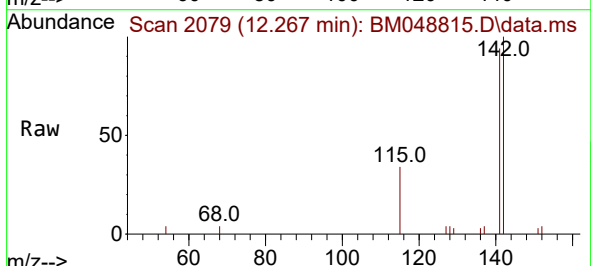
Instrument :
BNA_M
ClientSampleId :
SICV005

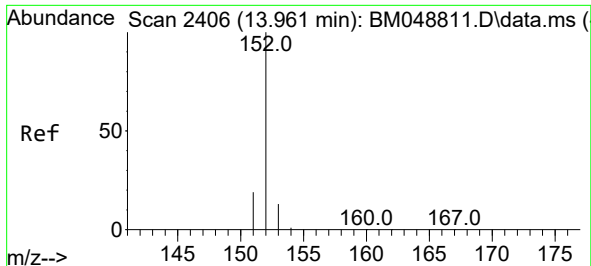
Tgt Ion:142 Resp: 4534
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:142 Resp: 4522
Ion Ratio Lower Upper
142 100
141 87.2 72.5 108.7

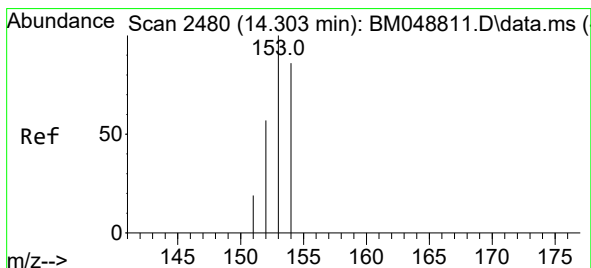
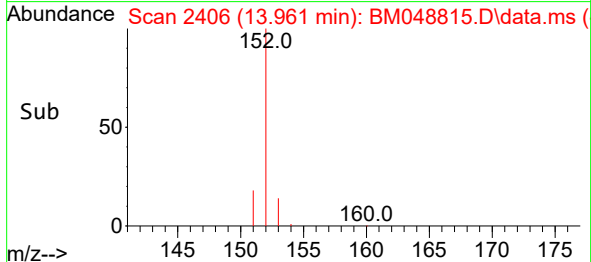
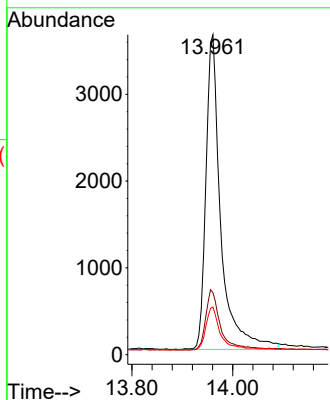
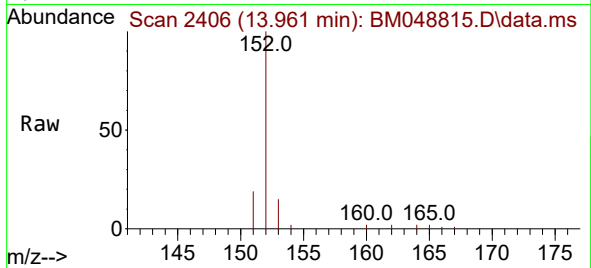




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 13.961 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

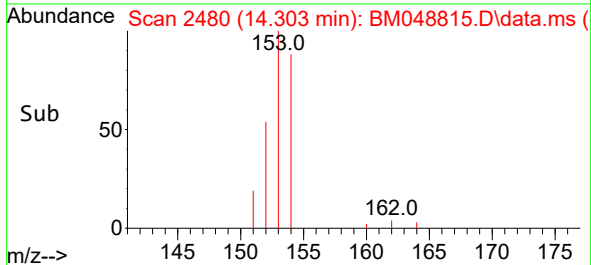
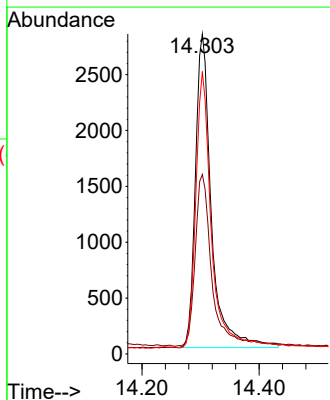
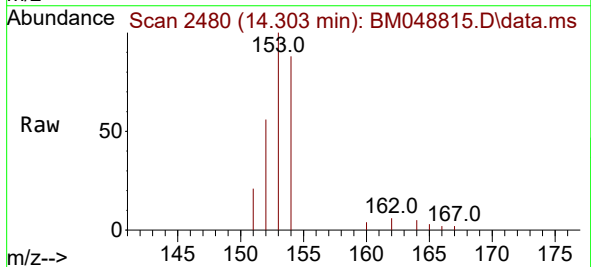
Instrument :
BNA_M
ClientSampleId :
SICV005

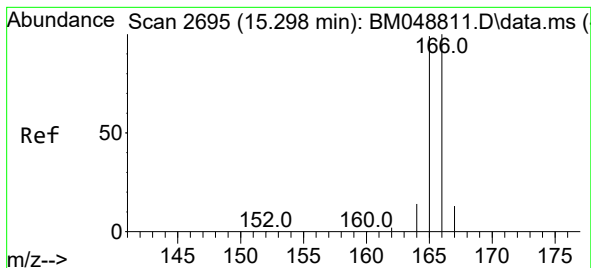
Tgt Ion:152 Resp: 7464
Ion Ratio Lower Upper
152 100
151 19.4 16.3 24.5
153 14.9 11.7 17.5



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:153 Resp: 5323
Ion Ratio Lower Upper
153 100
152 56.1 46.5 69.7
154 88.2 68.7 103.1





#12

Fluorene

Concen: 0.352 ng/ul

RT: 15.298 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM048815.D

Acq: 02 Dec 2024 21:06

Instrument :

BNA_M

ClientSampleId :

SICV005

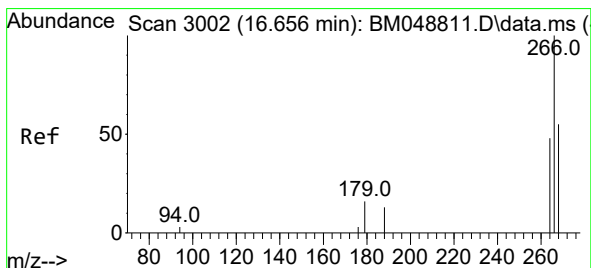
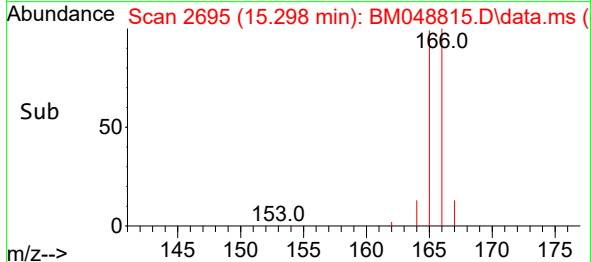
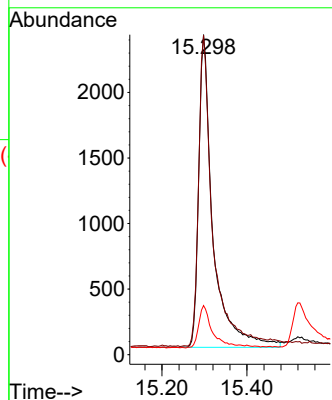
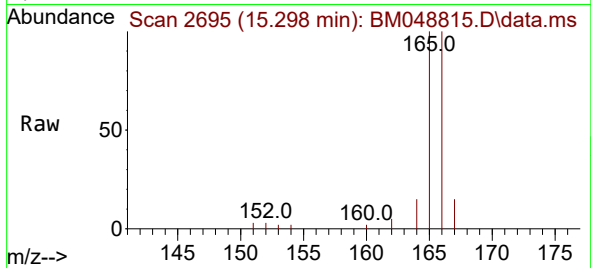
Tgt Ion:166 Resp: 5547

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.6

167 15.4 12.2 18.2



#14

Pentachlorophenol

Concen: 0.256 ng/ul

RT: 16.689 min Scan# 3010

Delta R.T. 0.034 min

Lab File: BM048815.D

Acq: 02 Dec 2024 21:06

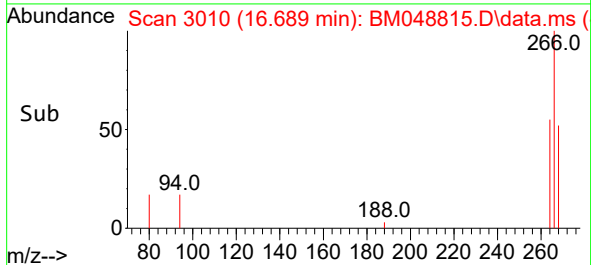
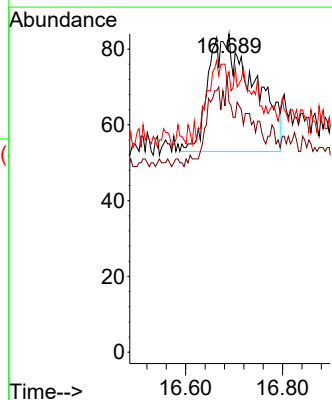
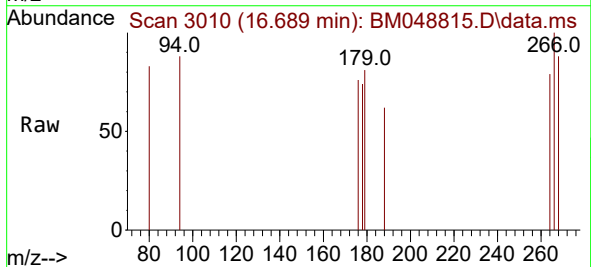
Tgt Ion:266 Resp: 203

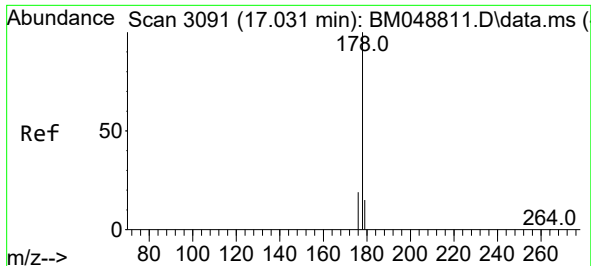
Ion Ratio Lower Upper

266 100

264 31.5 15.3 22.9#

268 0.0 0.0 0.0

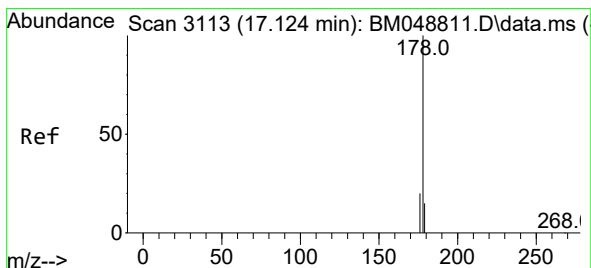
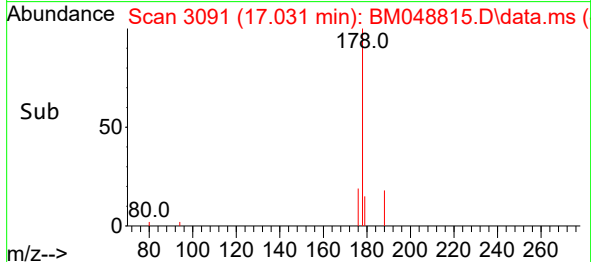
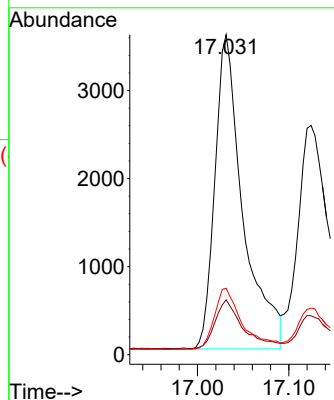
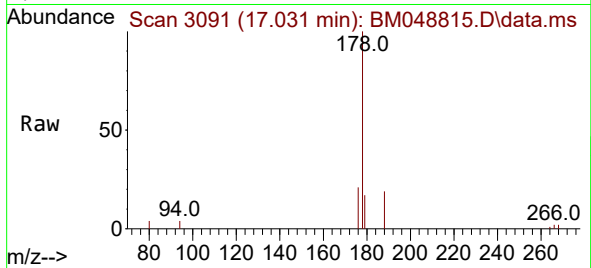




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

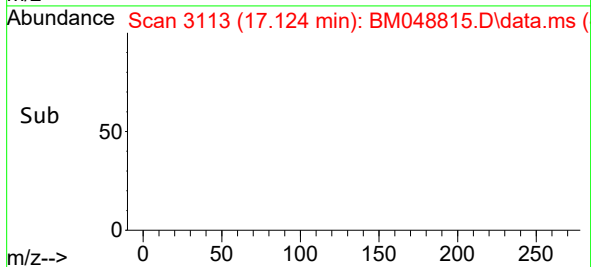
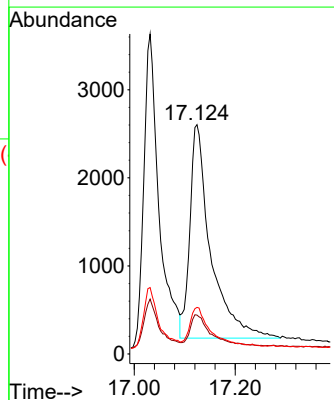
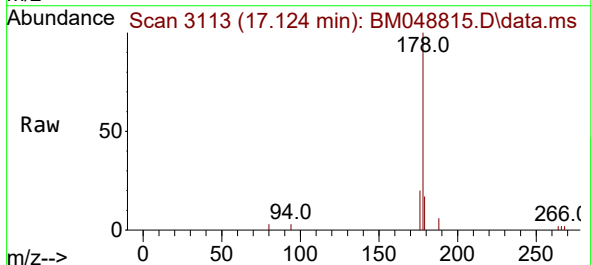
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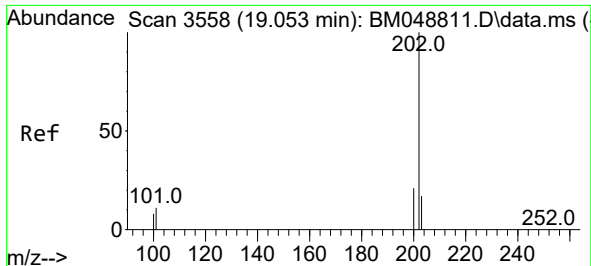
Tgt Ion:178 Resp: 7604
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.0
176 20.8 16.2 24.4



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.124 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:178 Resp: 6930
Ion Ratio Lower Upper
178 100
179 16.9 14.0 21.0
176 20.3 17.0 25.4

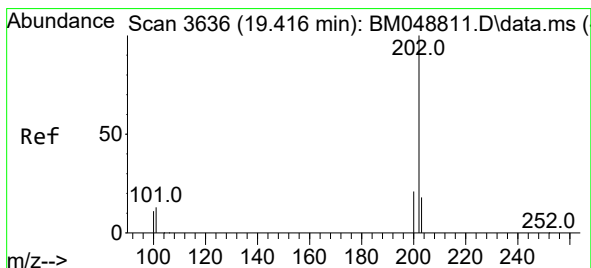
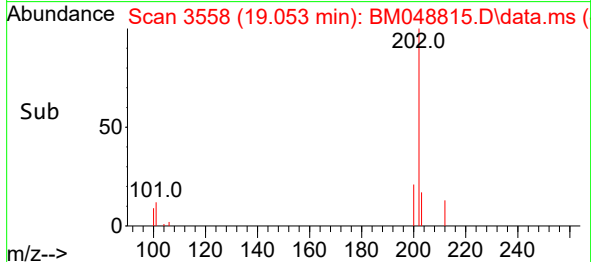
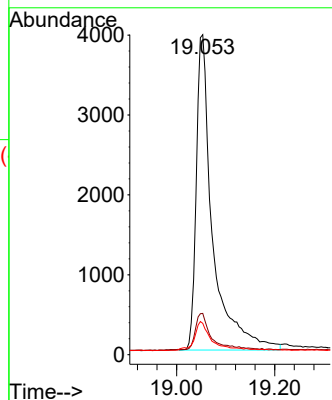
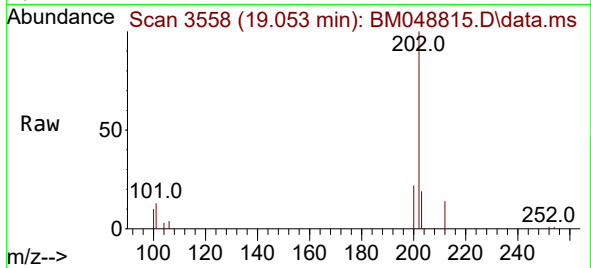




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.053 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

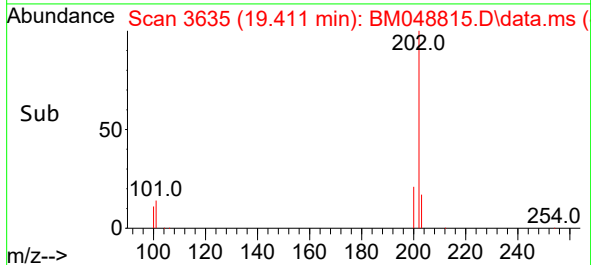
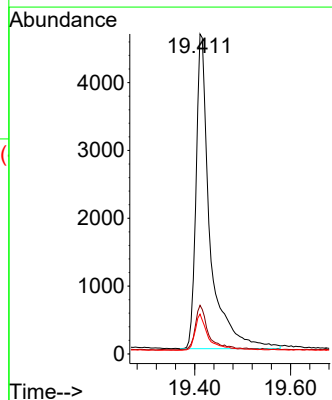
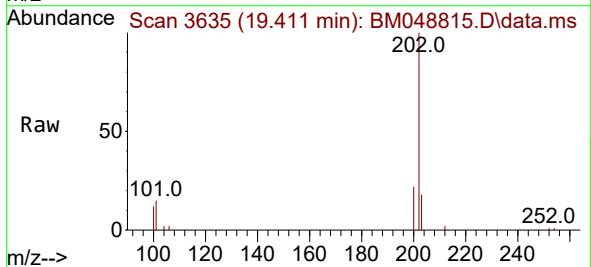
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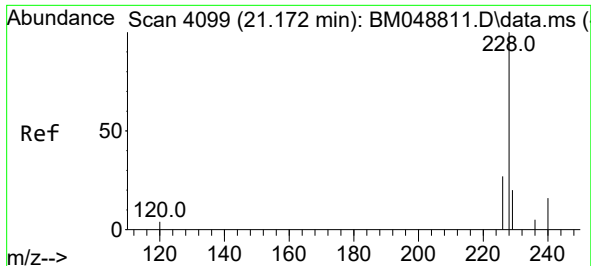
Tgt Ion:202 Resp: 9179
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.411 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:202 Resp: 9427
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 12.4 9.4 14.0

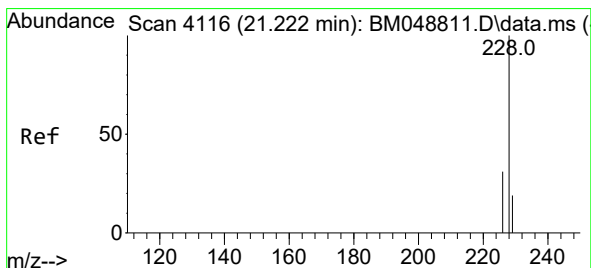
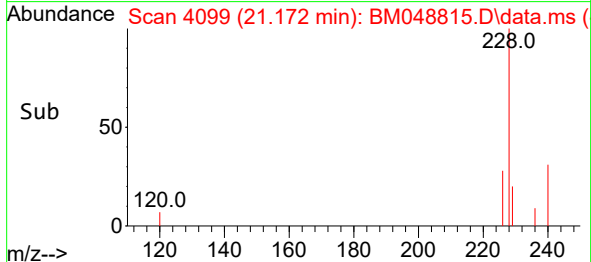
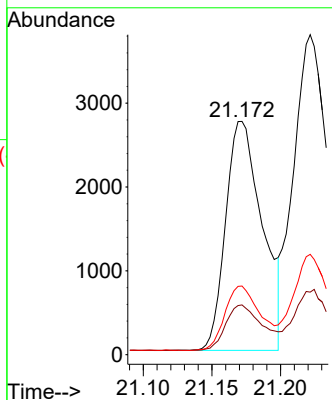
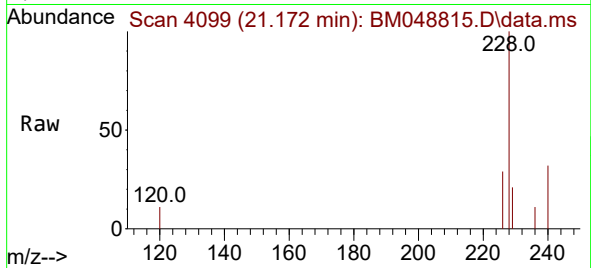




#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

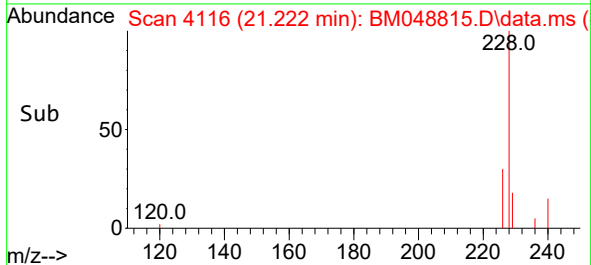
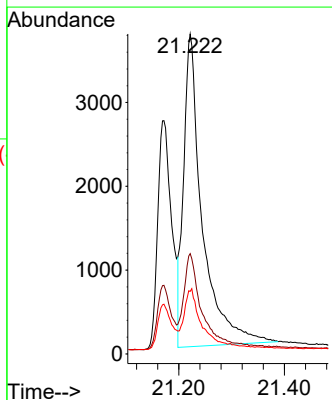
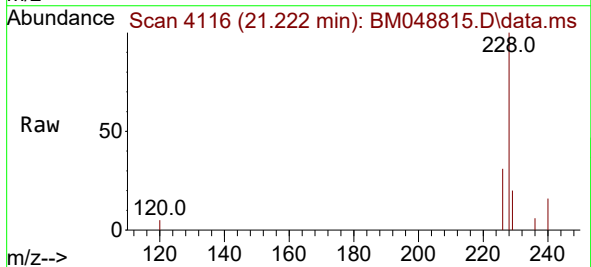
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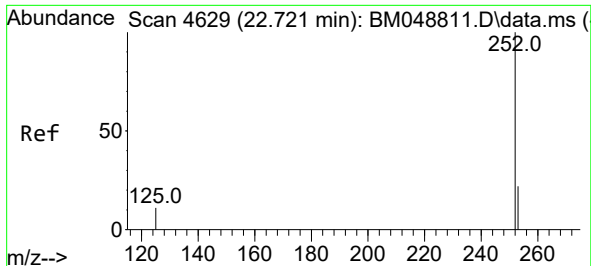
Tgt Ion:228 Resp: 5086
Ion Ratio Lower Upper
228 100
229 21.3 17.0 25.6
226 29.4 22.5 33.7



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.222 min Scan# 4116
Delta R.T. 0.000 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:228 Resp: 9134
Ion Ratio Lower Upper
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226 31.4 24.6 37.0
229 19.5 16.1 24.1

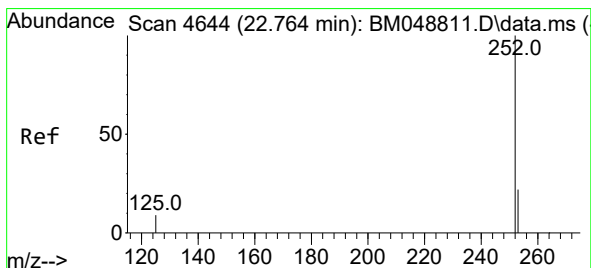
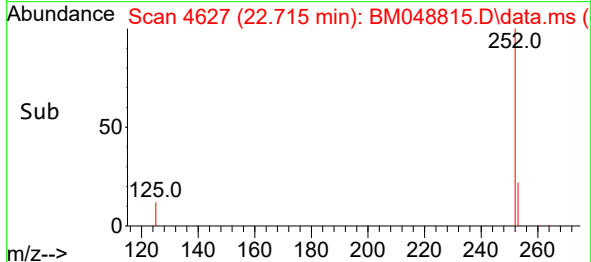
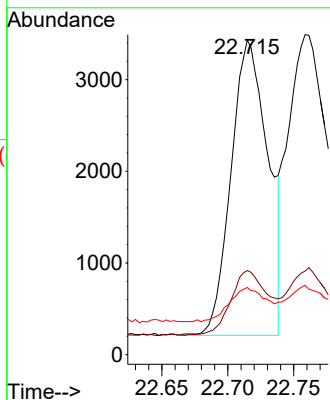
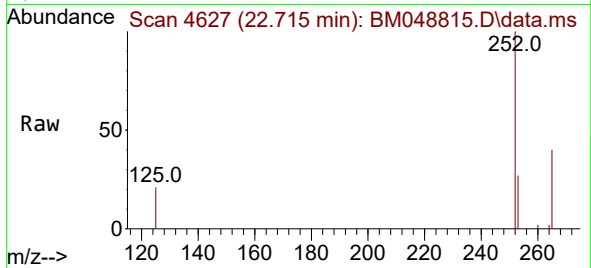




#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 22.715 min Scan# 4627
Delta R.T. -0.006 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

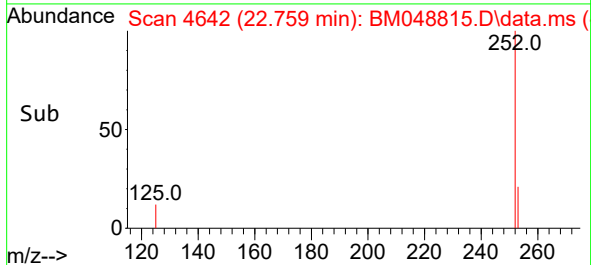
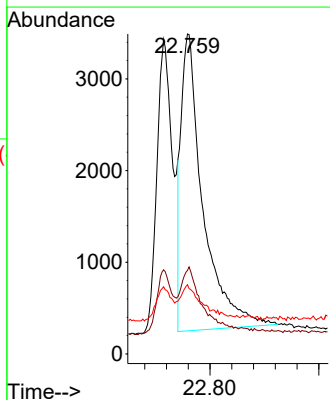
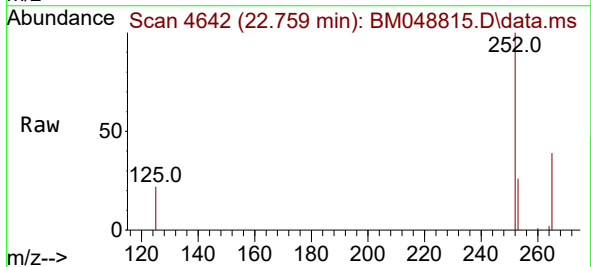
Instrument :
BNA_M
ClientSampleId :
SICV005

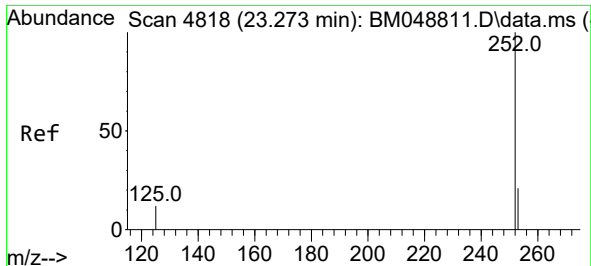
Tgt Ion:252 Resp: 6262
Ion Ratio Lower Upper
252 100
253 26.7 0.0 54.2
125 21.3 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 22.759 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:252 Resp: 9025
Ion Ratio Lower Upper
252 100
253 26.1 20.8 31.2
125 21.7 16.2 24.4

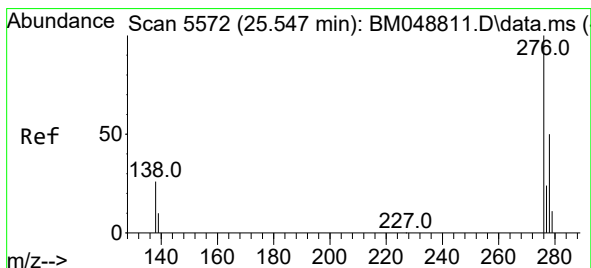
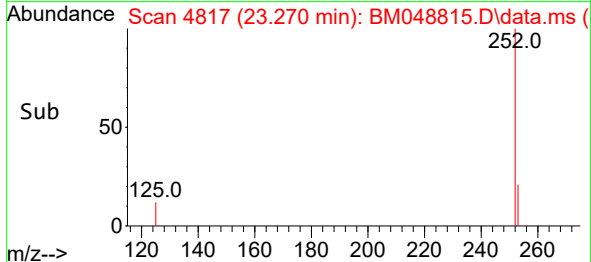
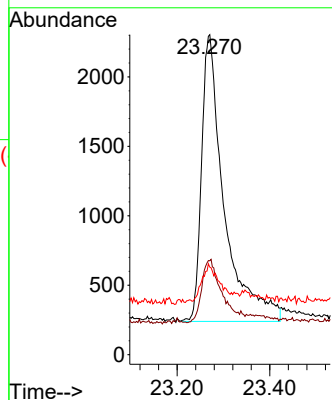
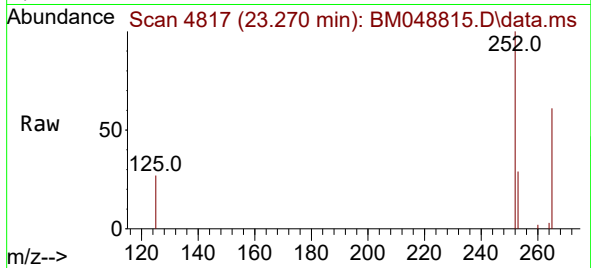




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.270 min Scan# 4818
Delta R.T. -0.003 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

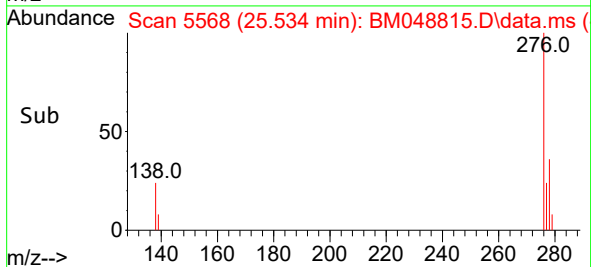
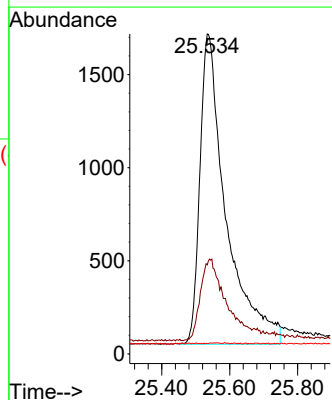
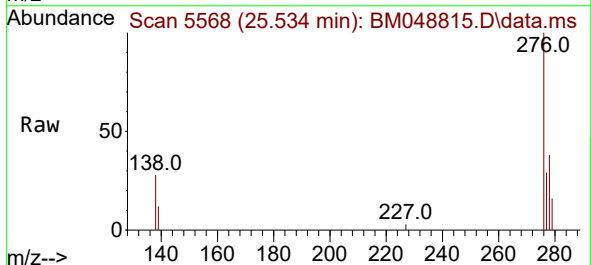
Instrument :
BNA_M
ClientSampleId :
SICV005

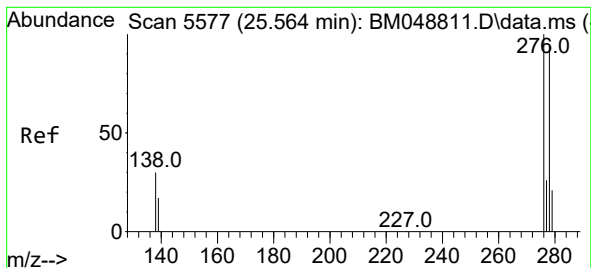
Tgt Ion:252 Resp: 6972
Ion Ratio Lower Upper
252 100
253 29.3 22.5 33.7
125 27.3 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.534 min Scan# 5568
Delta R.T. -0.013 min
Lab File: BM048815.D
Acq: 02 Dec 2024 21:06

Tgt Ion:276 Resp: 8874
Ion Ratio Lower Upper
276 100
138 28.1 23.3 34.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 25.557 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM048815.D

Acq: 02 Dec 2024 21:06

Instrument :

BNA_M

ClientSampleId :

SICV005

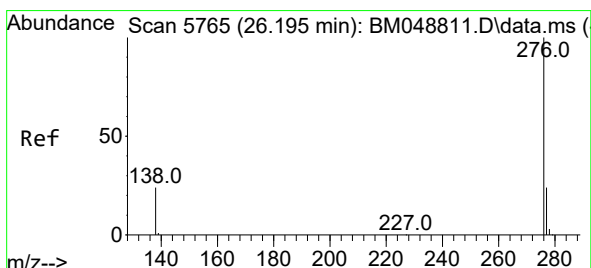
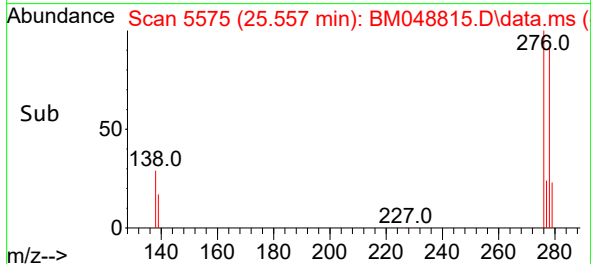
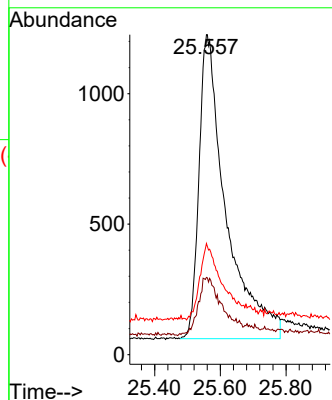
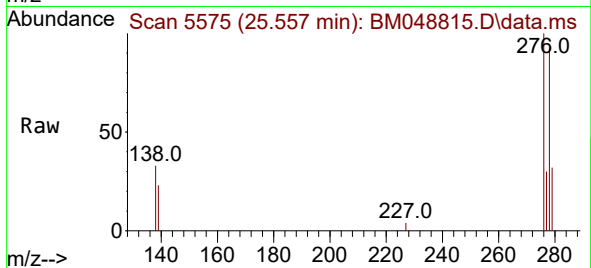
Tgt Ion:278 Resp: 6648

Ion Ratio Lower Upper

278 100

139 24.1 18.6 27.8

279 34.7 24.7 37.1



#29

Benzo(g,h,i)perylene

Concen: 0.356 ng/ul

RT: 26.188 min Scan# 5763

Delta R.T. -0.007 min

Lab File: BM048815.D

Acq: 02 Dec 2024 21:06

Tgt Ion:276 Resp: 7851

Ion Ratio Lower Upper

276 100

138 27.2 22.2 33.2

277 28.4 21.8 32.6

