

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048857.D
 Acq On : 06 Dec 2024 05:24
 Operator : RC/JU
 Sample : PB165399BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS399

Quant Time: Dec 06 06:14:36 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)

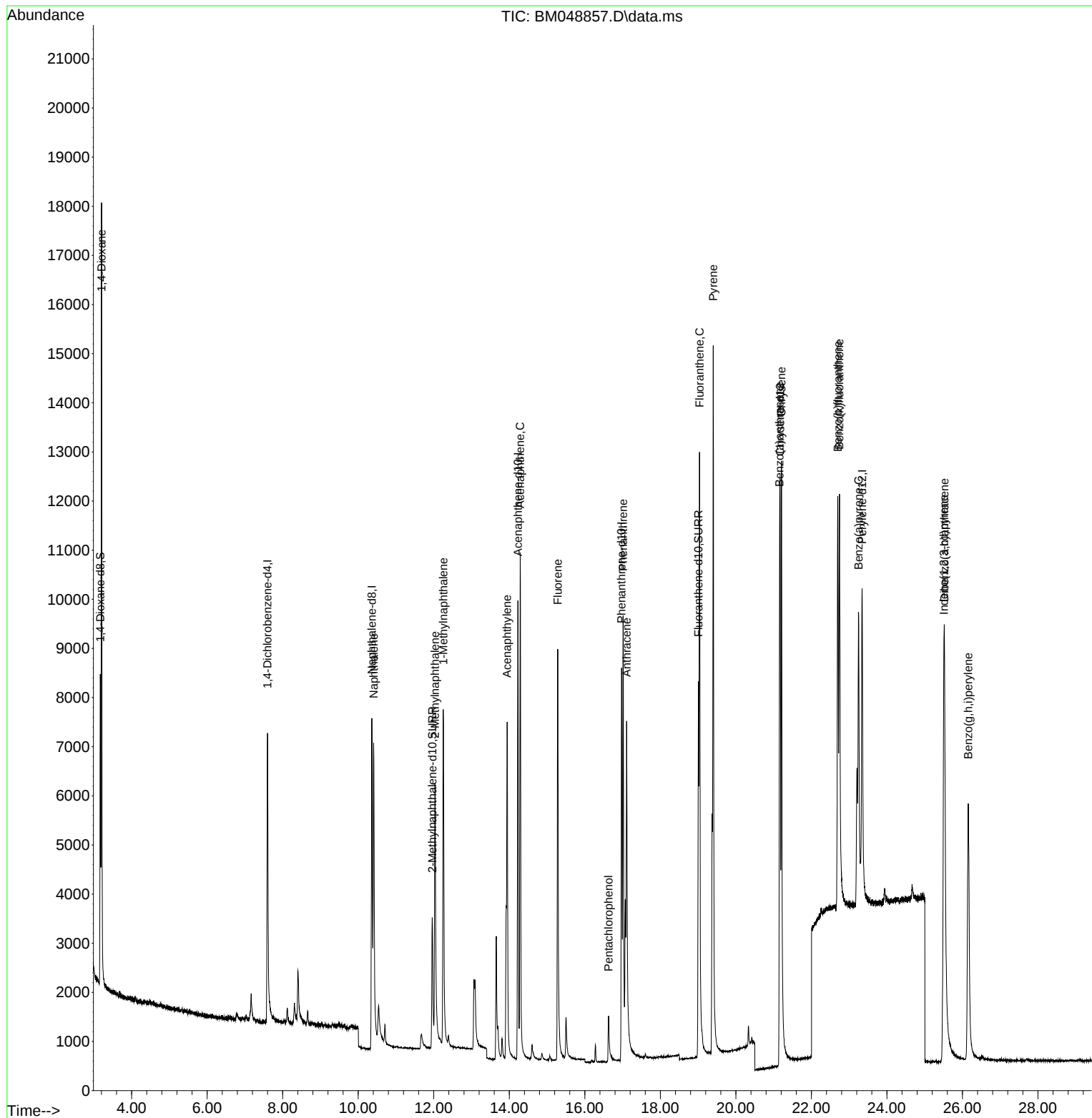
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	4069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	11126	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.229	164	5696	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.972	188	10855	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	8317	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	9160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	3748	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.959	152	5236	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.007	212	9983	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	9894	1.608	ng/ul#	78
5) Naphthalene	10.409	128	10143	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.031	142	5793	0.357	ng/ul	98
8) 1-Methylnaphthalene	12.251	142	6137	0.357	ng/ul	100
10) Acenaphthylene	13.942	152	8630	0.346	ng/ul	99
11) Acenaphthene	14.289	153	6438	0.357	ng/ul	97
12) Fluorene	15.284	166	6898	0.370	ng/ul	98
14) Pentachlorophenol	16.630	266	1087	1.158	ng/ul#	6
15) Phenanthrene	17.015	178	10739	0.390	ng/ul	100
16) Anthracene	17.108	178	9351	0.381	ng/ul	98
19) Fluoranthene	19.039	202	12968	0.339	ng/ul	99
20) Pyrene	19.402	202	13757	0.346	ng/ul	100
21) Benzo(a)anthracene	21.157	228	9790	0.417	ng/ul	98
22) Chrysene	21.207	228	13129	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.697	252	11144	0.433	ng/ul	98
25) Benzo(k)fluoranthene	22.741	252	13784	0.382	ng/ul	99
26) Benzo(a)pyrene	23.250	252	10519	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.507	276	14630	0.420	ng/ul	99
28) Dibenzo(a,h)anthracene	25.524	278	11414	0.438	ng/ul	97
29) Benzo(g,h,i)perylene	26.154	276	12126	0.401	ng/ul	97

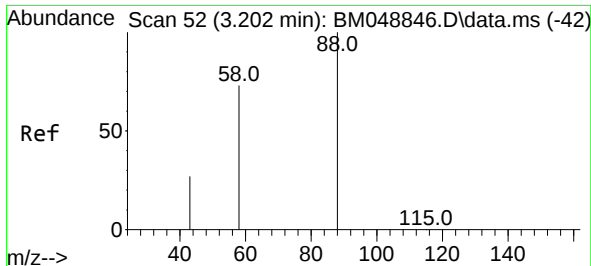
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
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Quant Time: Dec 06 06:14:36 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

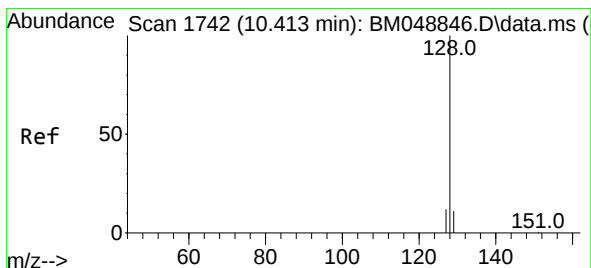
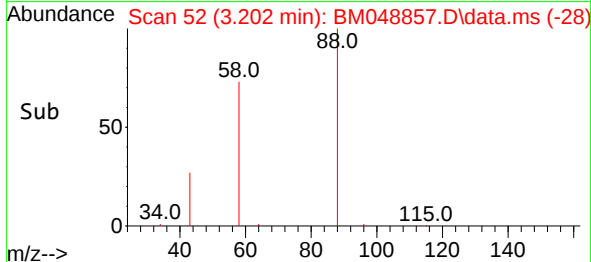
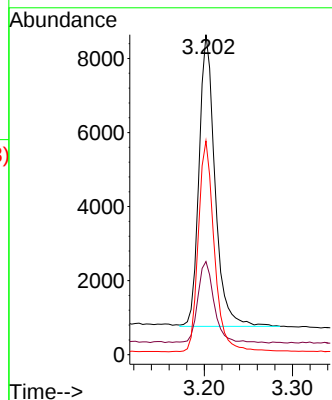
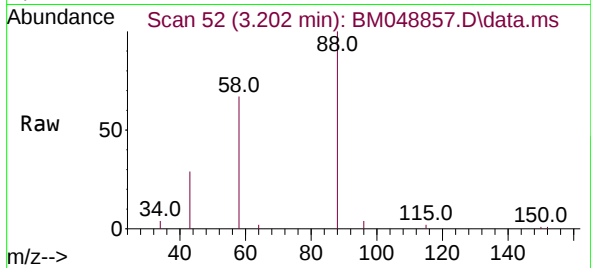




#2
1,4-Dioxane
Concen: 1.608 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

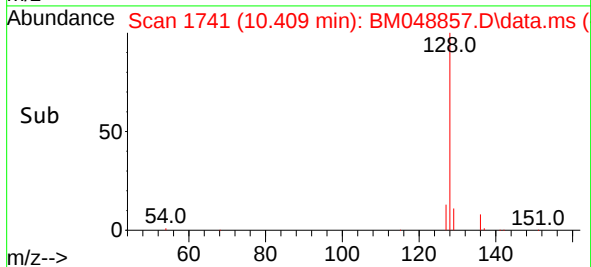
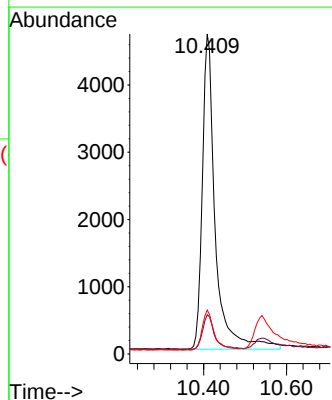
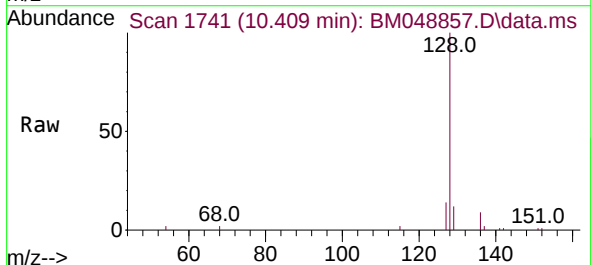
Instrument :
BNA_M
ClientSampleId :
SLCS399

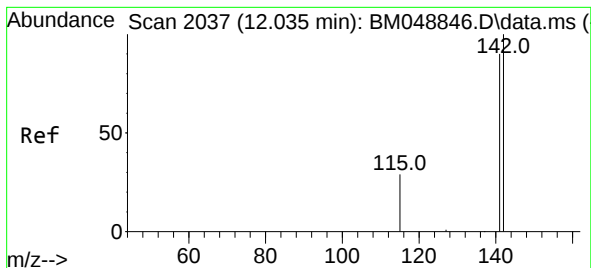
Tgt Ion: 88 Resp: 9894
Ion Ratio Lower Upper
88 100
43 29.1 20.6 30.8
58 66.8 37.6 56.4#



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.409 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion: 128 Resp: 10143
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 13.7 10.7 16.1

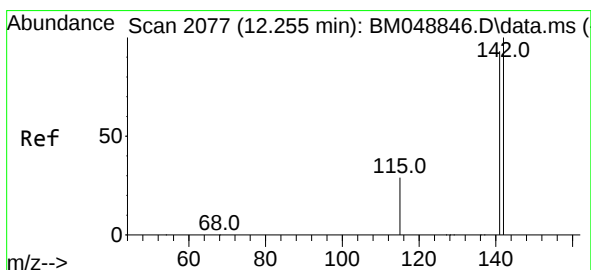
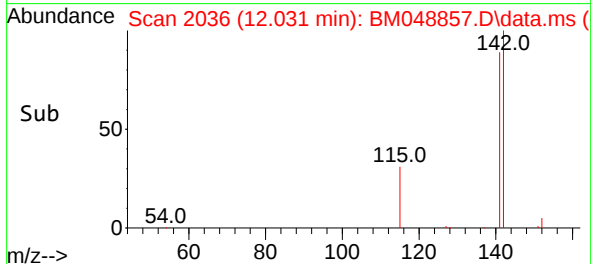
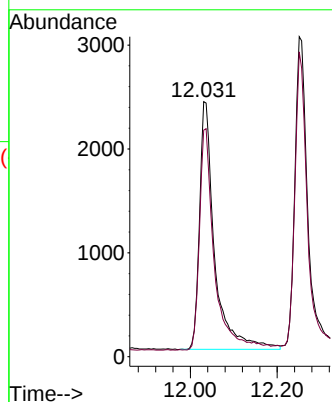
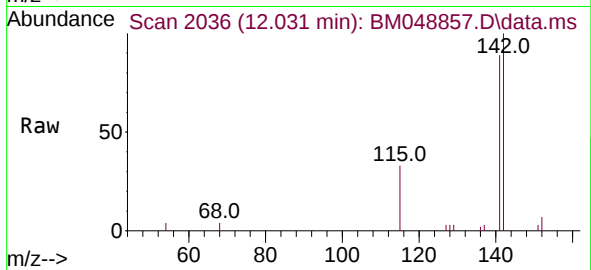




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.031 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

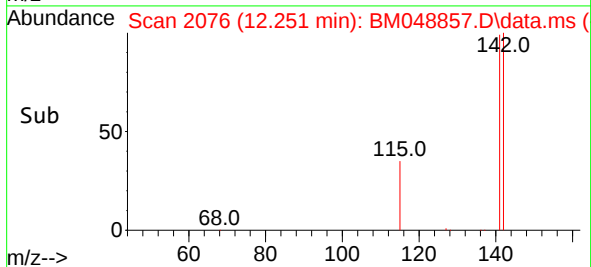
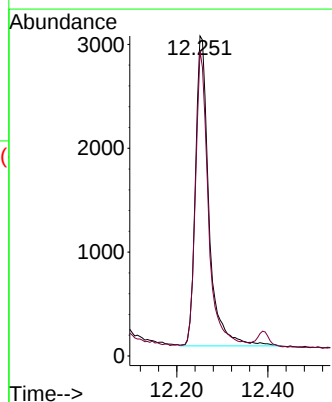
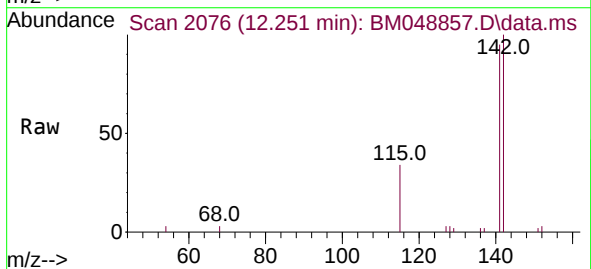
Instrument :
BNA_M
ClientSampleId :
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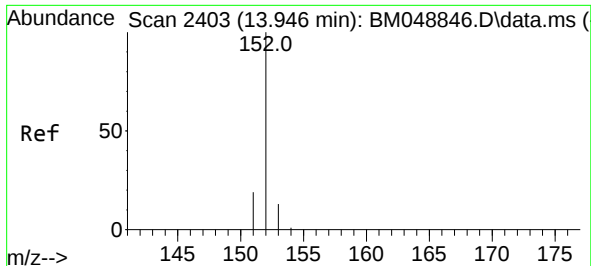
Tgt Ion:142 Resp: 5793
Ion Ratio Lower Upper
142 100
141 89.3 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.251 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:142 Resp: 6137
Ion Ratio Lower Upper
142 100
141 90.3 72.5 108.7

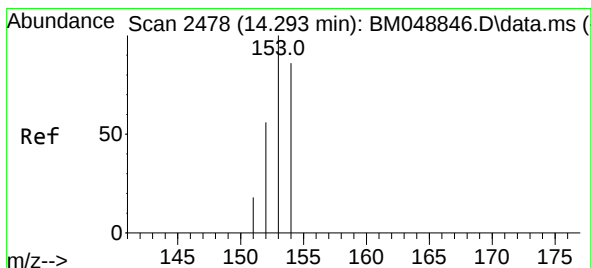
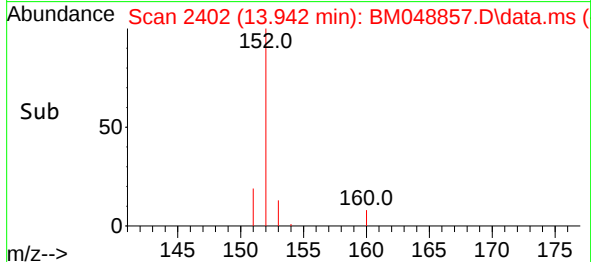
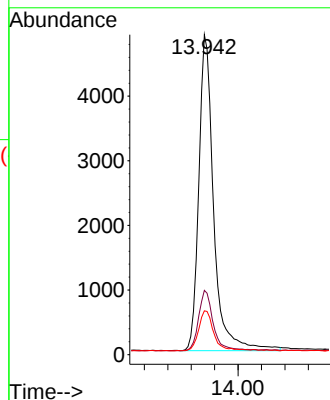
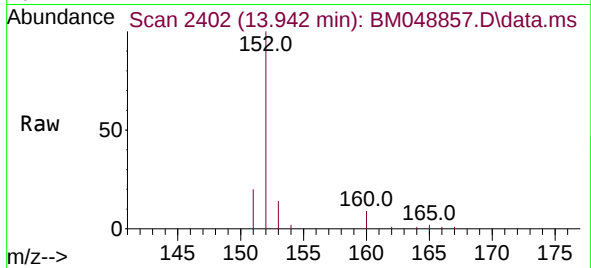




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.942 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

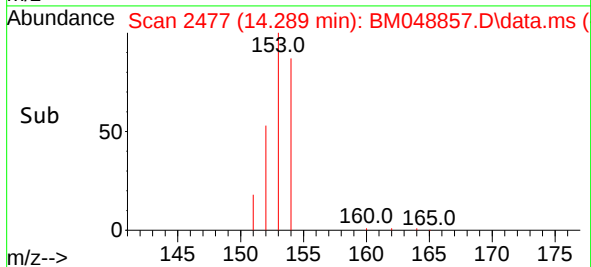
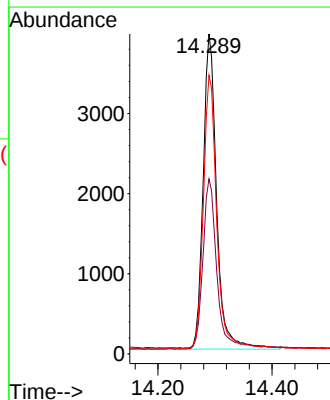
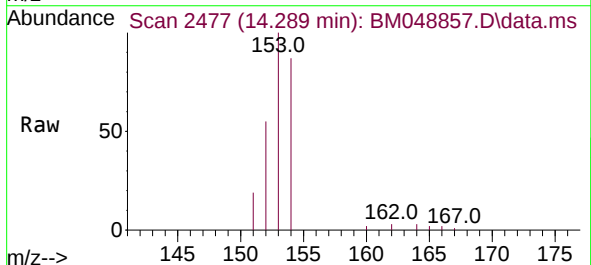
Instrument :
BNA_M
ClientSampleId :
SLCS399

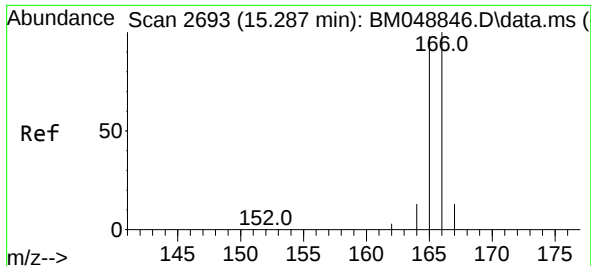
Tgt Ion:152 Resp: 8630
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.7 17.5



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.289 min Scan# 2477
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:153 Resp: 6438
Ion Ratio Lower Upper
153 100
152 54.7 46.5 69.7
154 87.1 68.7 103.1

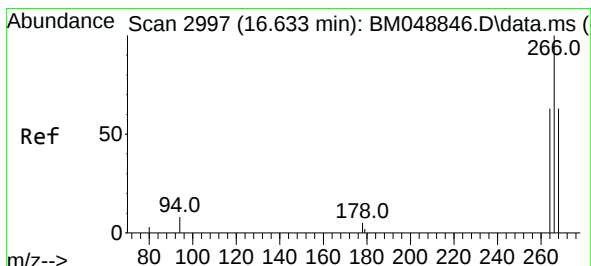
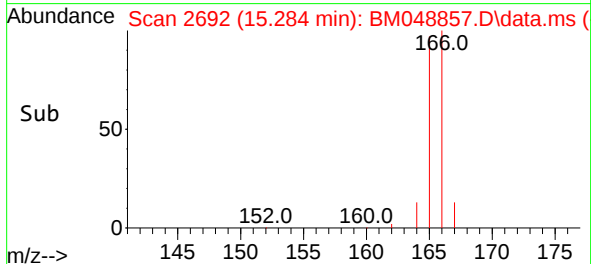
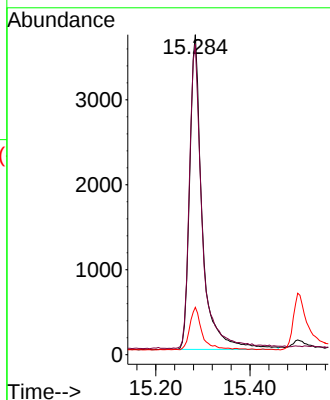
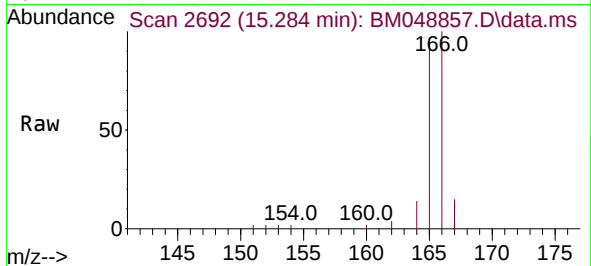




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.284 min Scan# 2096
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

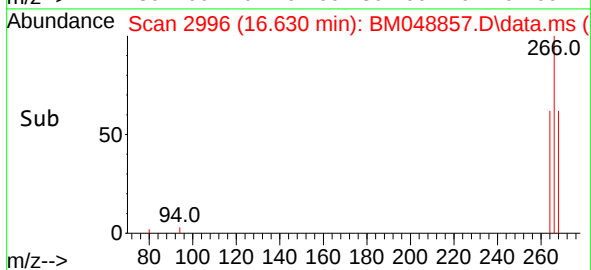
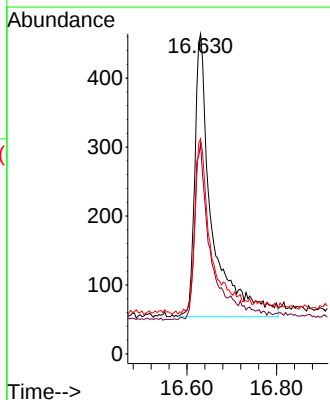
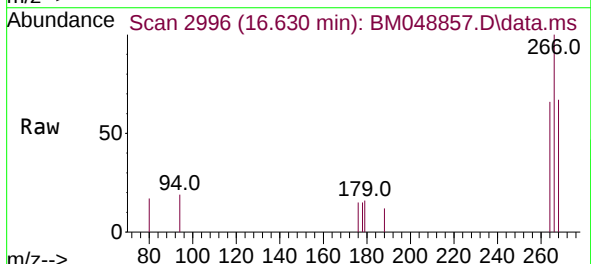
Instrument :
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ClientSampleId :
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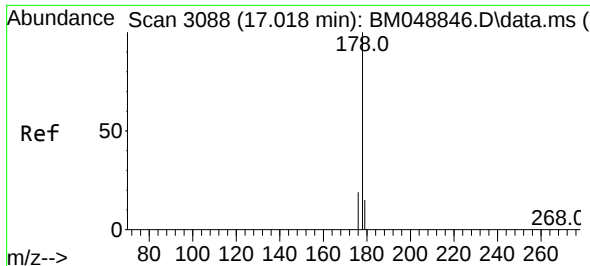
Tgt Ion:166 Resp: 6898
Ion Ratio Lower Upper
166 100
165 97.0 79.8 119.6
167 14.8 12.2 18.2



#14
Pentachlorophenol
Concen: 1.158 ng/ul
RT: 16.630 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:266 Resp: 1087
Ion Ratio Lower Upper
266 100
264 61.6 15.3 22.9#
268 60.3 0.0 0.0#

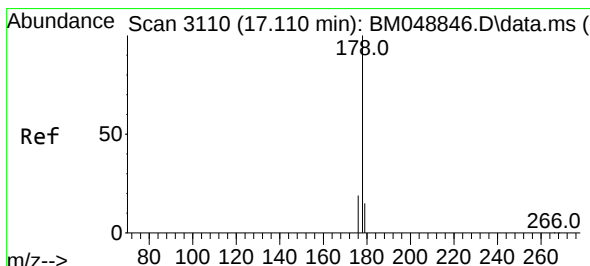
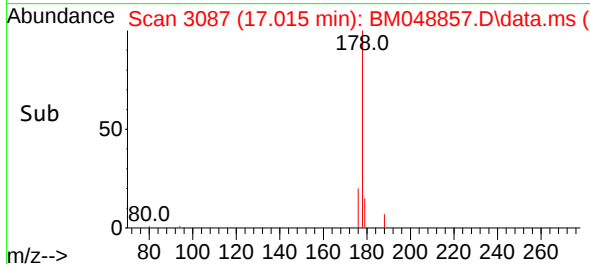
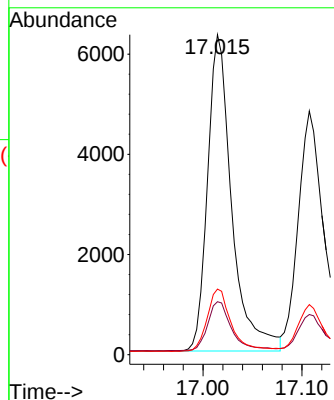
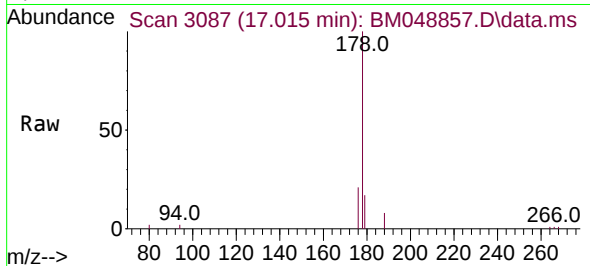




#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.015 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

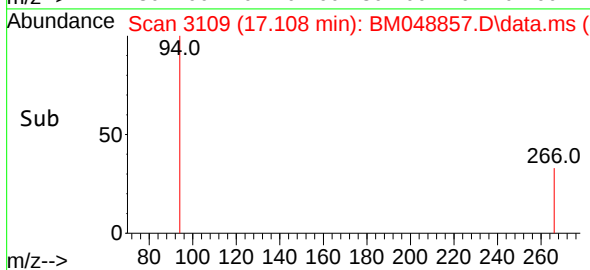
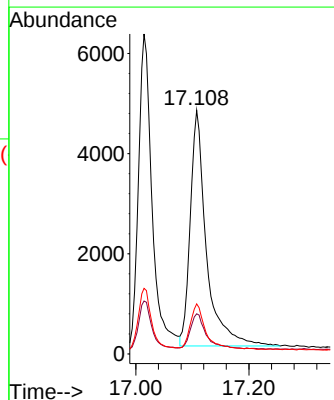
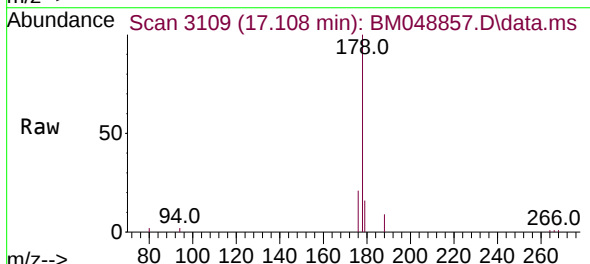
Instrument :
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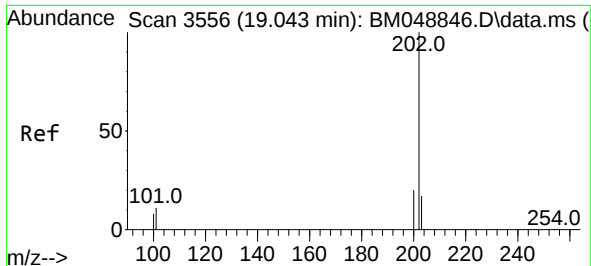
Tgt Ion:178 Resp: 10739
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.0
176 20.5 16.2 24.4



#16
Anthracene
Concen: 0.381 ng/u1
RT: 17.108 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:178 Resp: 9351
Ion Ratio Lower Upper
178 100
179 16.4 14.0 21.0
176 20.5 17.0 25.4

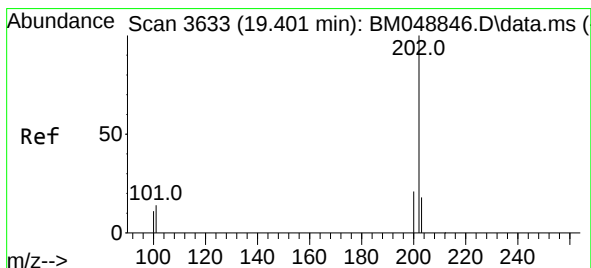
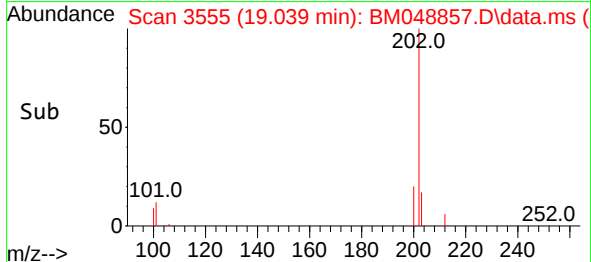
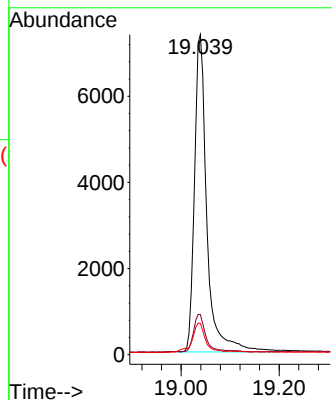
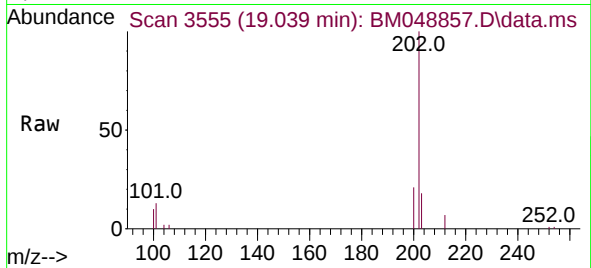




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.039 min Scan# 3555
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

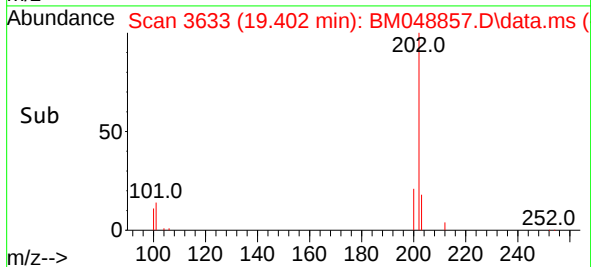
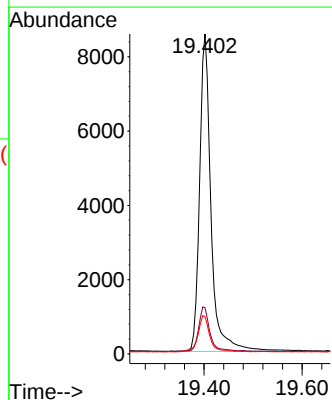
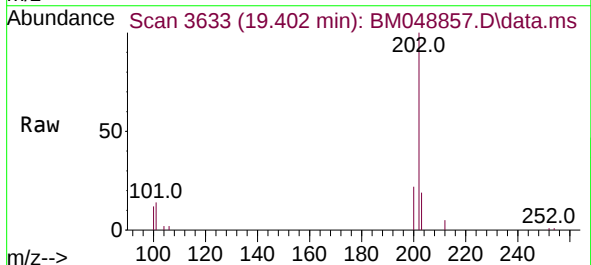
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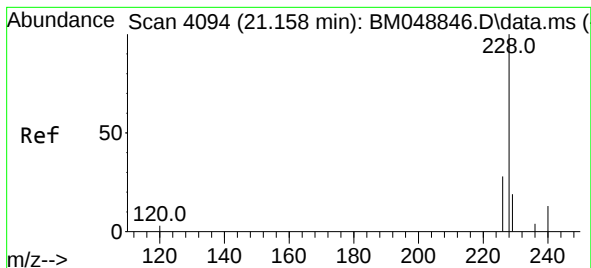
Tgt Ion:202 Resp: 12968
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.402 min Scan# 3633
Delta R.T. 0.001 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:202 Resp: 13757
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.7 9.4 14.0





#21

Benzo(a)anthracene

Concen: 0.417 ng/ul

RT: 21.157 min Scan# 4094

Delta R.T. -0.000 min

Lab File: BM048857.D

Acq: 06 Dec 2024 05:24

Instrument :

BNA_M

ClientSampleId :

SLCS399

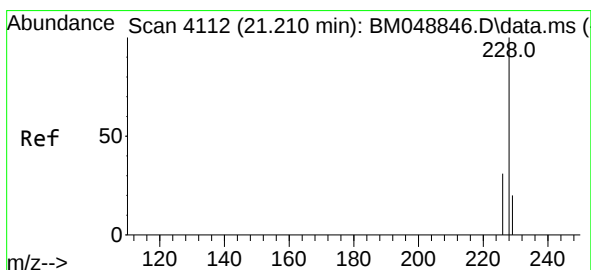
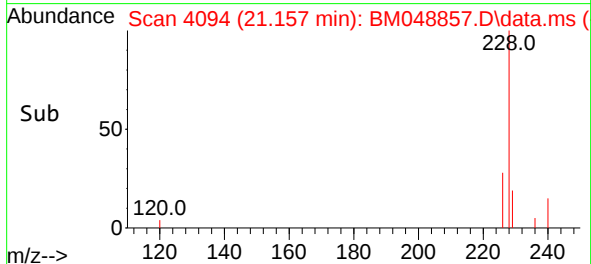
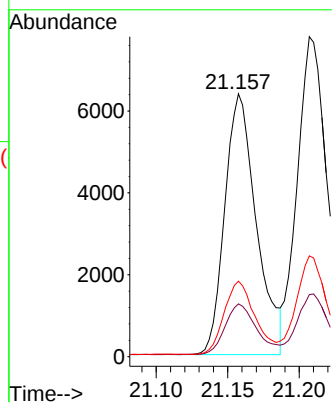
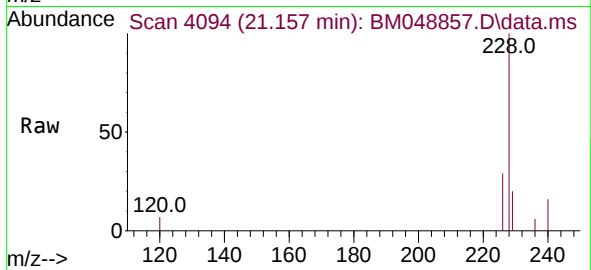
Tgt Ion:228 Resp: 9790

Ion Ratio Lower Upper

228 100

229 20.1 17.0 25.6

226 28.7 22.5 33.7



#22

Chrysene

Concen: 0.353 ng/ul

RT: 21.207 min Scan# 4111

Delta R.T. -0.003 min

Lab File: BM048857.D

Acq: 06 Dec 2024 05:24

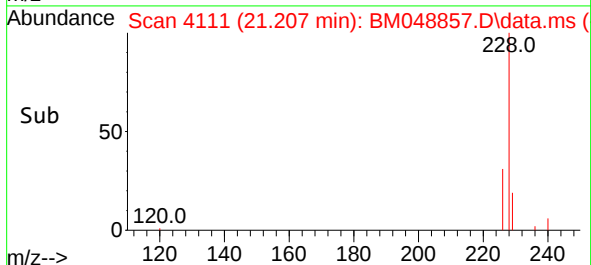
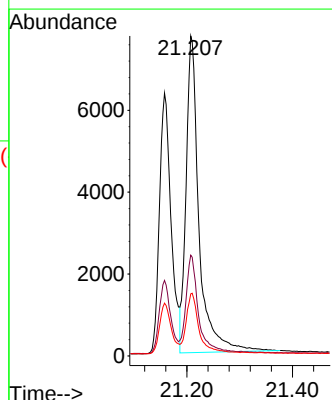
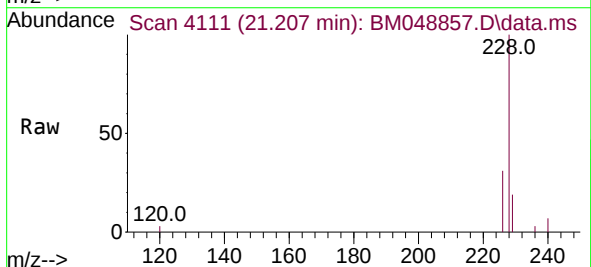
Tgt Ion:228 Resp: 13129

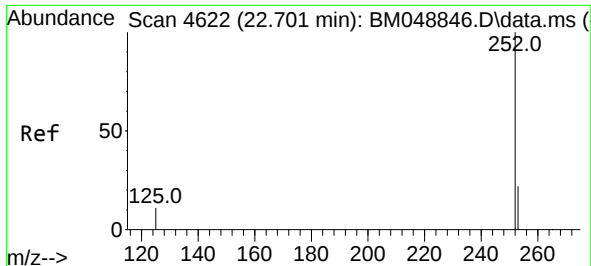
Ion Ratio Lower Upper

228 100

226 31.5 24.6 37.0

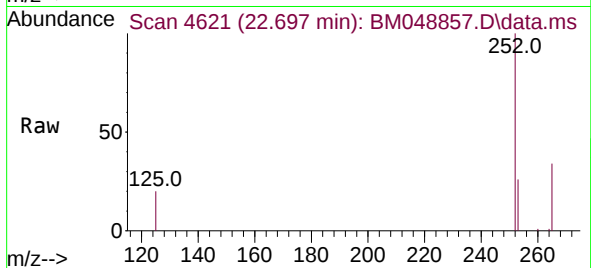
229 19.4 16.1 24.1



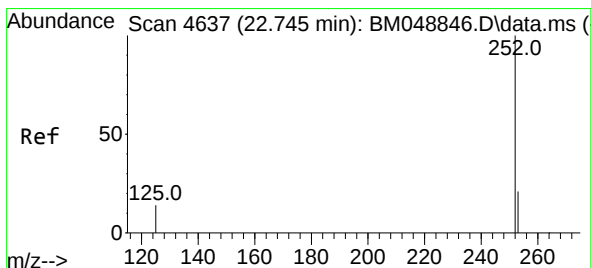
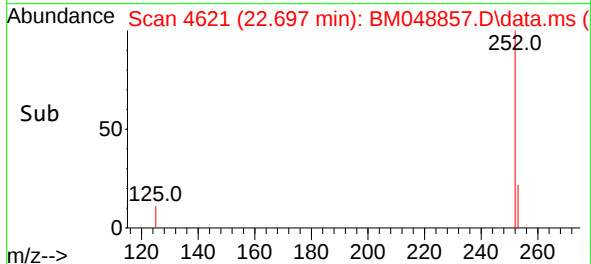
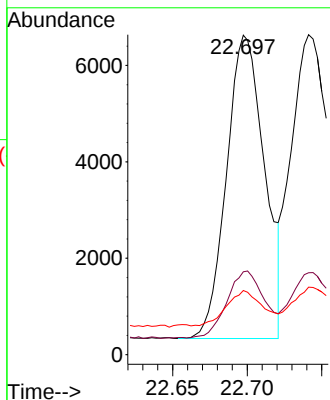


#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 22.697 min Scan# 4621
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Instrument :
BNA_M
ClientSampleId :
SLCS399

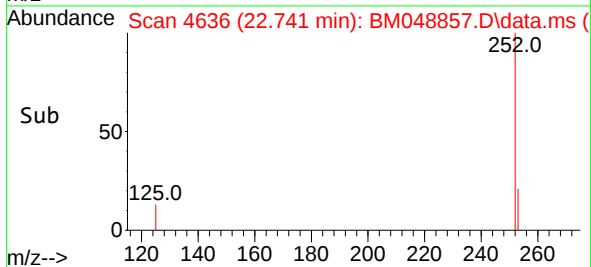
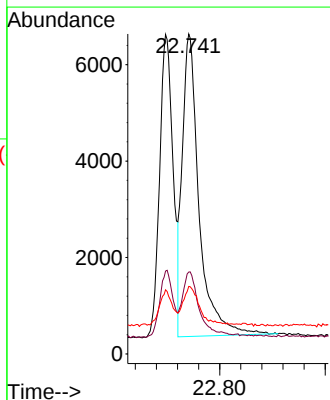
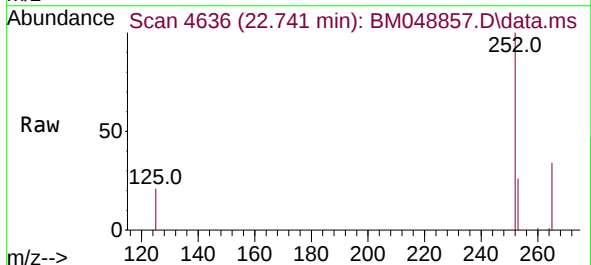


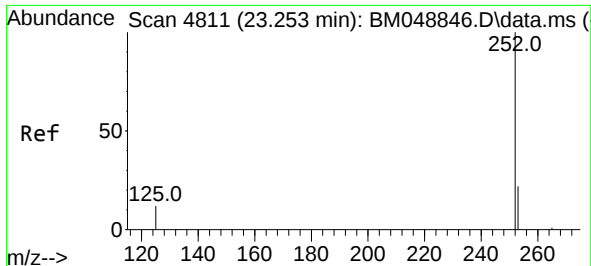
Tgt Ion:252 Resp: 11144
Ion Ratio Lower Upper
252 100
253 26.0 0.0 54.2
125 20.1 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.741 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:252 Resp: 13784
Ion Ratio Lower Upper
252 100
253 25.6 20.8 31.2
125 21.1 16.2 24.4

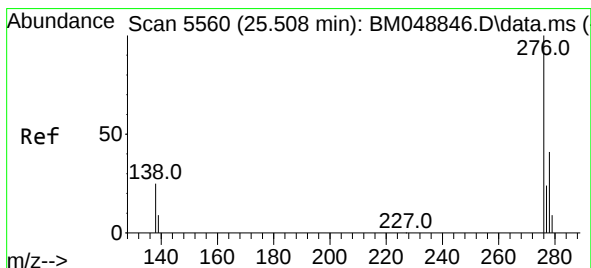
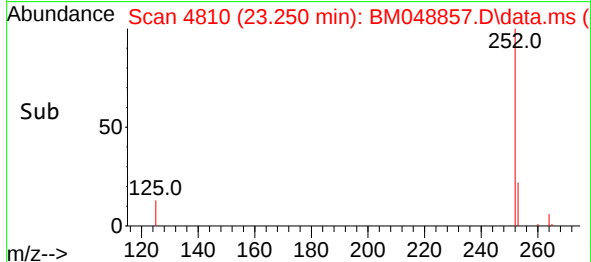
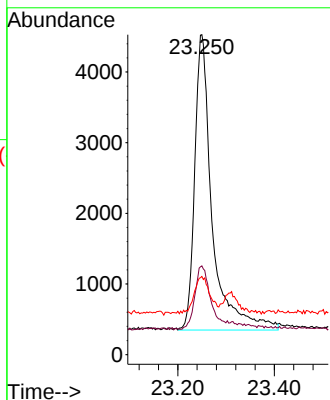
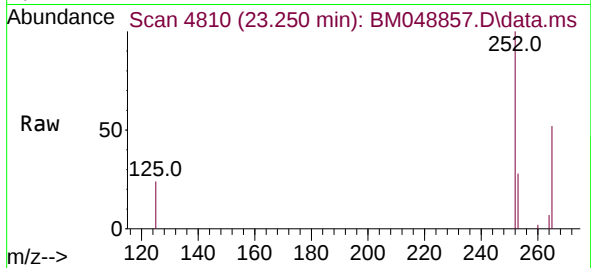




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.250 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

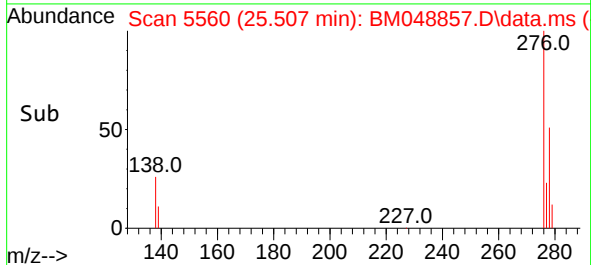
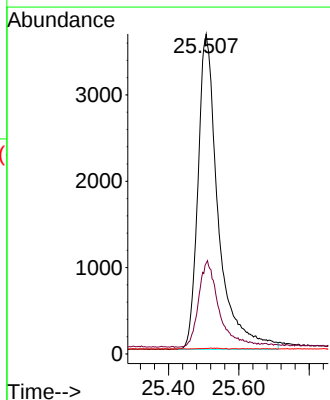
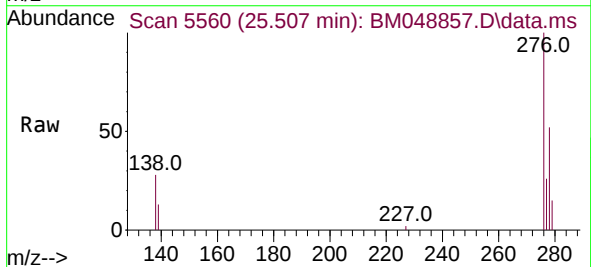
Instrument :
BNA_M
ClientSampleId :
SLCS399

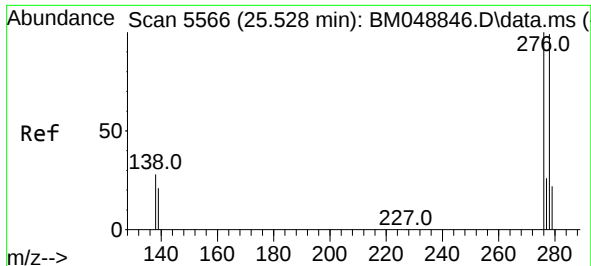
Tgt Ion:252 Resp: 10519
Ion Ratio Lower Upper
252 100
253 27.8 22.5 33.7
125 24.4 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 25.507 min Scan# 5560
Delta R.T. -0.000 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:276 Resp: 14630
Ion Ratio Lower Upper
276 100
138 28.4 23.3 34.9
227 0.1 0.1 0.1

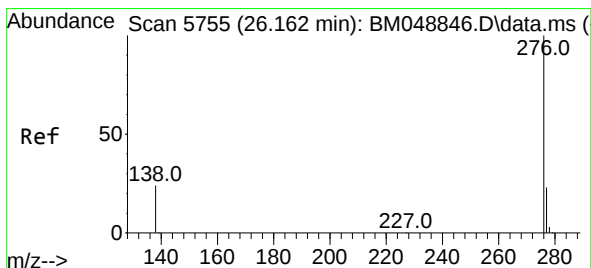
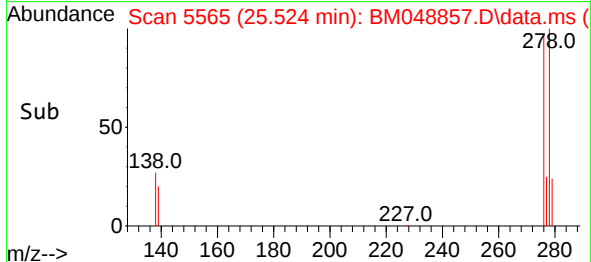
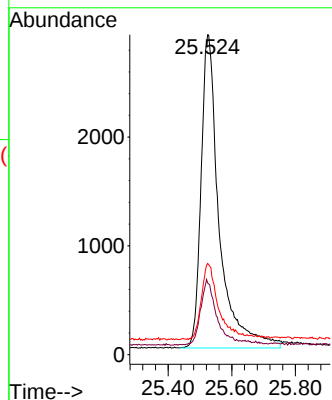
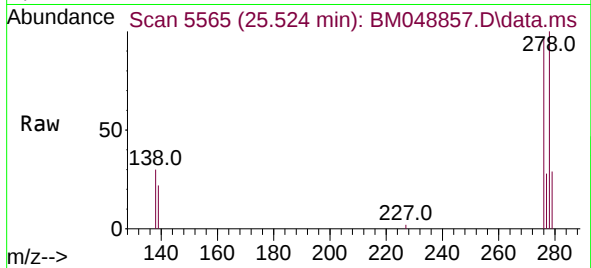




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Instrument :
BNA_M
ClientSampleId :
SLCS399

Tgt Ion:278 Resp: 11414
Ion Ratio Lower Upper
278 100
139 22.4 18.6 27.8
279 28.5 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.154 min Scan# 5753
Delta R.T. -0.007 min
Lab File: BM048857.D
Acq: 06 Dec 2024 05:24

Tgt Ion:276 Resp: 12126
Ion Ratio Lower Upper
276 100
138 26.2 22.2 33.2
277 25.8 21.8 32.6

