

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049214.D
 Acq On : 25 Dec 2024 09:43
 Operator : RC/JU
 Sample : PB165752BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS752

Quant Time: Dec 25 21:52:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

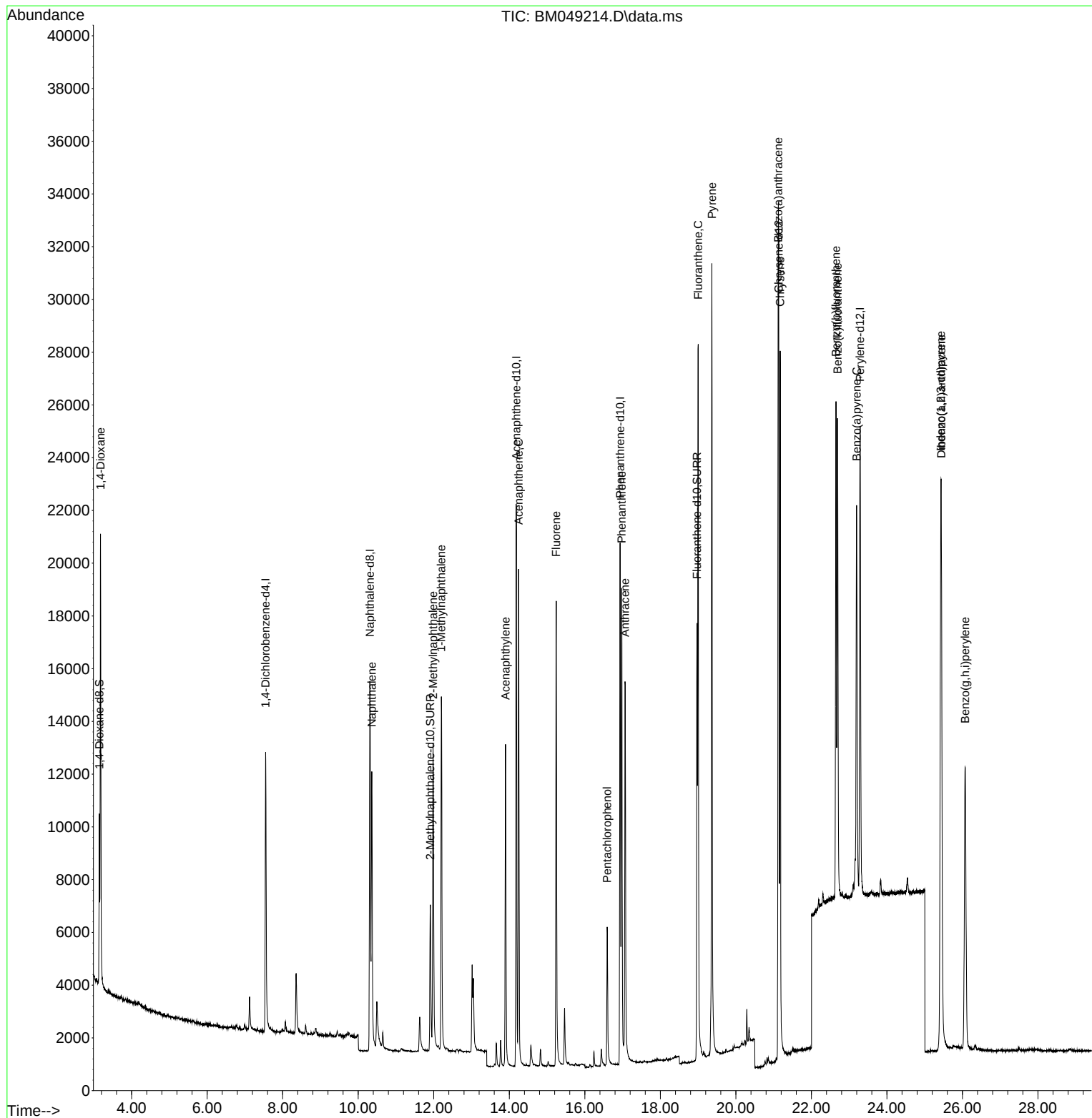
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6611	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	21260	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.183	164	12540	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	25189	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	21130	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	23076	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3806	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	9421	0.330	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	19389	0.323	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	10877	1.221	ng/ul#	76
5) Naphthalene	10.359	128	15762	0.296	ng/ul	99
7) 2-Methylnaphthalene	11.981	142	10281	0.305	ng/ul	99
8) 1-Methylnaphthalene	12.201	142	10502	0.304	ng/ul	99
10) Acenaphthylene	13.901	152	15417	0.297	ng/ul	99
11) Acenaphthene	14.248	153	11157	0.294	ng/ul	99
12) Fluorene	15.242	166	12558	0.293	ng/ul	99
14) Pentachlorophenol	16.592	266	4241	0.609	ng/ul	97
15) Phenanthrene	16.977	178	20344	0.309	ng/ul	99
16) Anthracene	17.065	178	18465	0.306	ng/ul	99
19) Fluoranthene	19.002	202	26618	0.348	ng/ul	98
20) Pyrene	19.365	202	27610	0.339	ng/ul	99
21) Benzo(a)anthracene	21.119	228	23723	0.323	ng/ul	100
22) Chrysene	21.172	228	25185	0.319	ng/ul	99
24) Benzo(b)fluoranthene	22.651	252	22999	0.312	ng/ul	98
25) Benzo(k)fluoranthene	22.694	252	23972	0.296	ng/ul	98
26) Benzo(a)pyrene	23.197	252	21523	0.304	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	28537	0.285	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.440	278	22309	0.287	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	22783	0.283	ng/ul	99

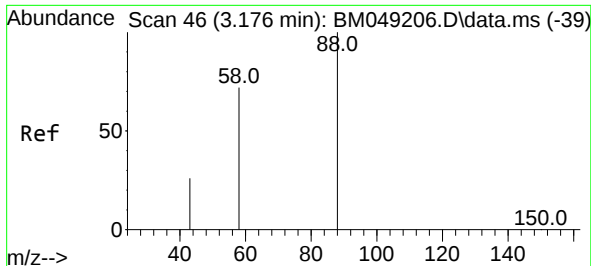
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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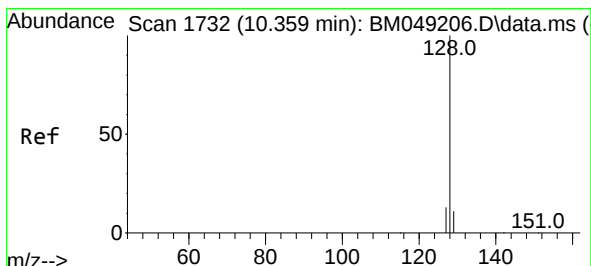
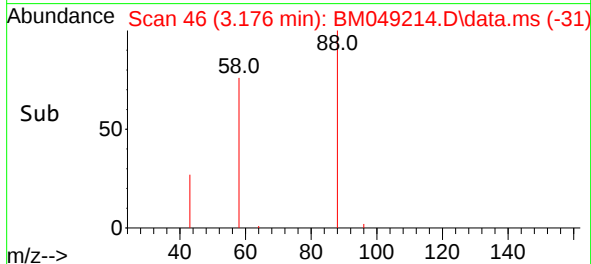
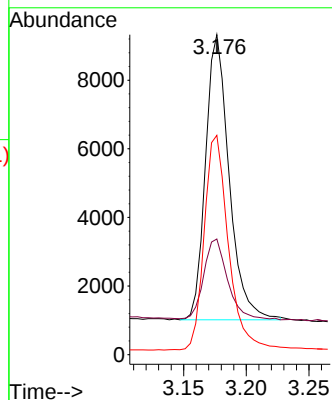
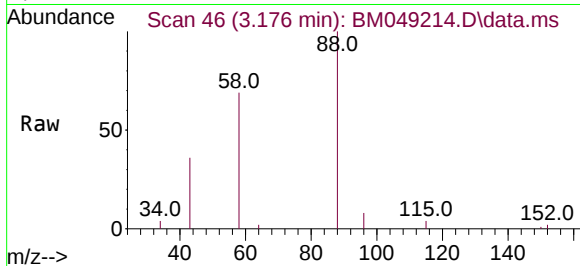




#2
1,4-Dioxane
Concen: 1.221 ng/ul
RT: 3.176 min Scan# 46
Delta R.T. -0.009 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

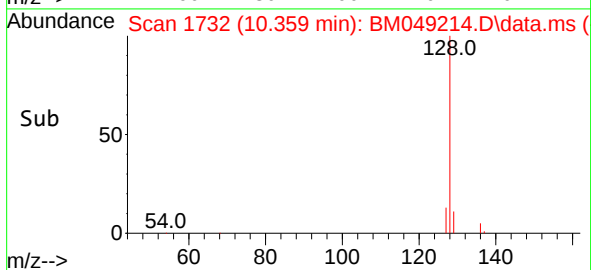
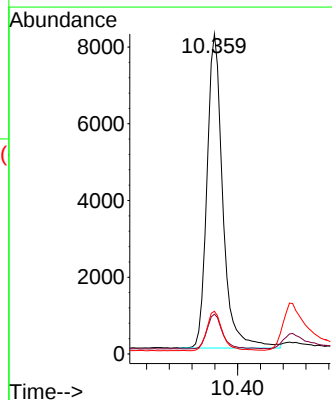
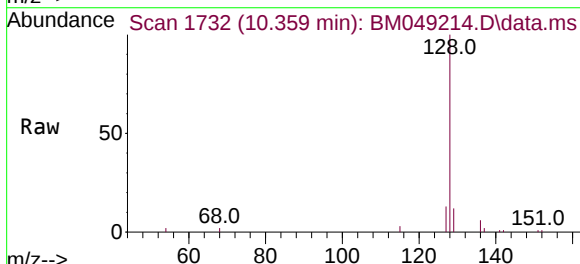
Instrument :
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SLCS752

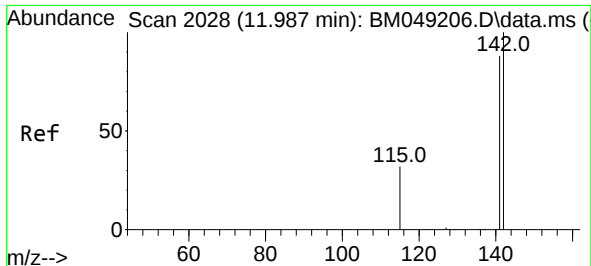
Tgt Ion: 88 Resp: 10877
Ion Ratio Lower Upper
88 100
43 36.2 45.4 68.2#
58 68.5 43.6 65.4#



#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion: 128 Resp: 15762
Ion Ratio Lower Upper
128 100
129 12.5 9.7 14.5
127 13.4 10.6 16.0

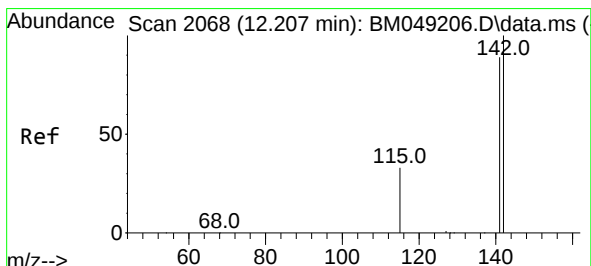
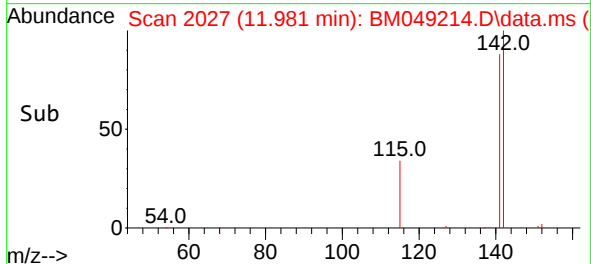
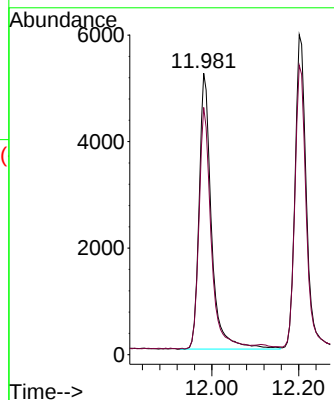
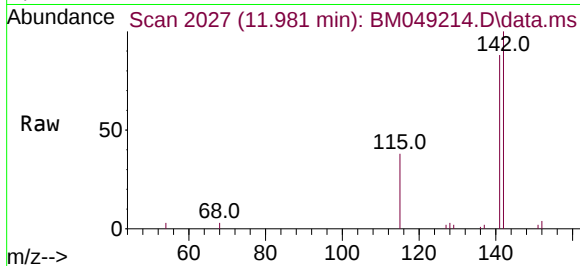




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 11.981 min Scan# 2028
Delta R.T. -0.021 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

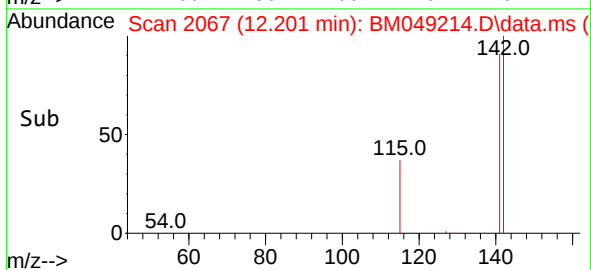
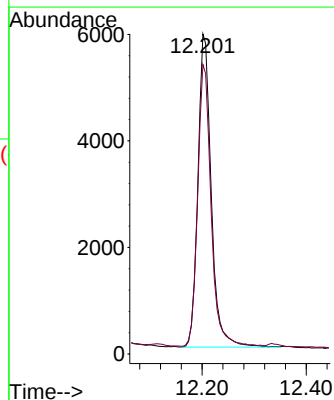
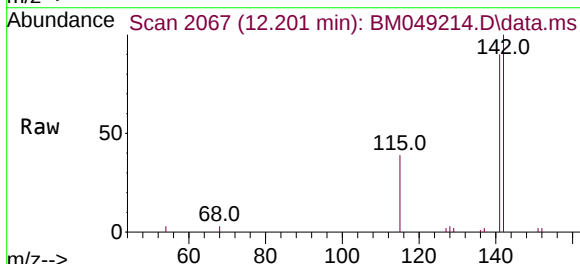
Instrument :
BNA_M
ClientSampleId :
SLCS752

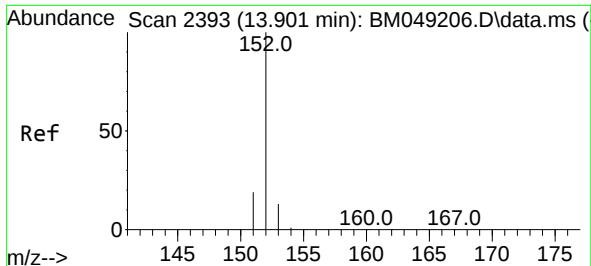
Tgt Ion:142 Resp: 10281
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.021 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:142 Resp: 10502
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1

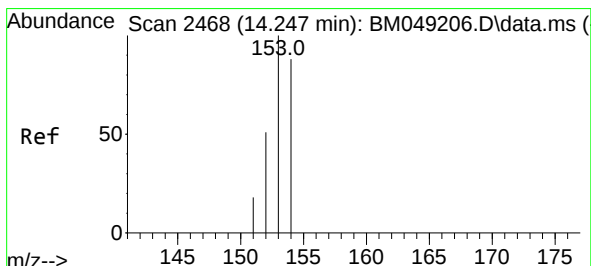
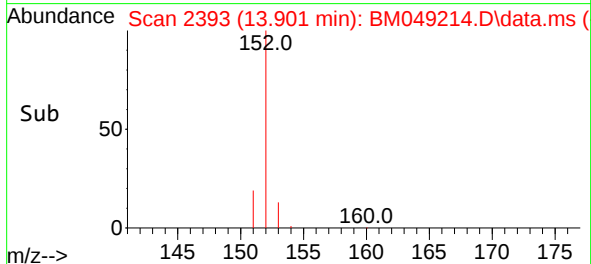
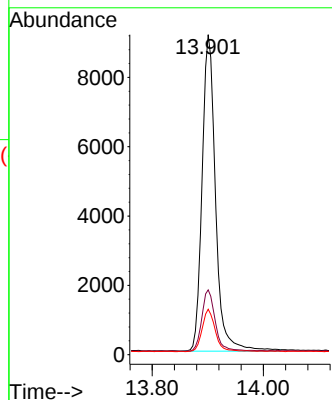
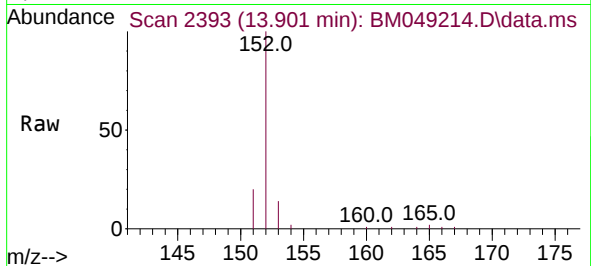




#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

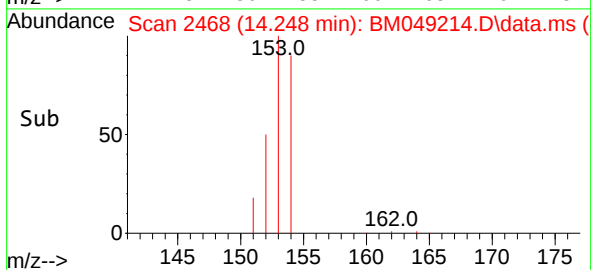
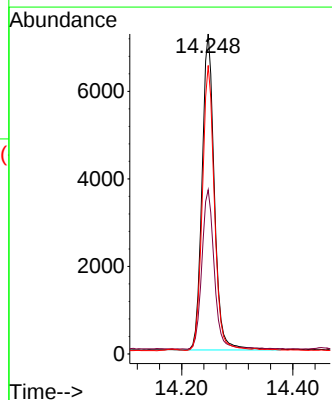
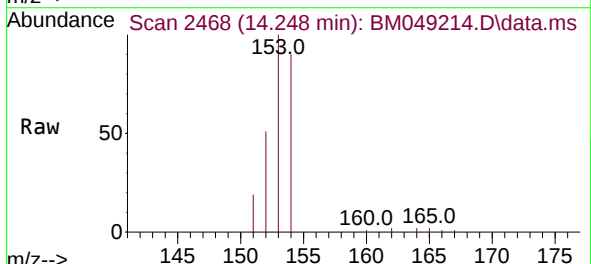
Instrument :
BNA_M
ClientSampleId :
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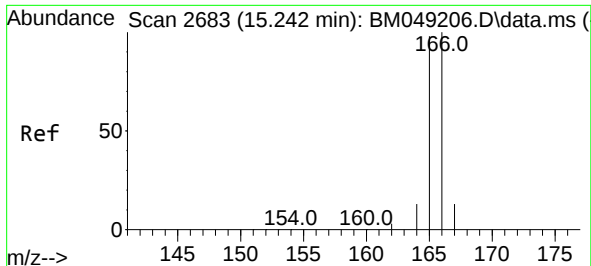
Tgt Ion:152 Resp: 15417
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.2 11.0 16.6



#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:153 Resp: 11157
Ion Ratio Lower Upper
153 100
152 51.3 40.7 61.1
154 90.2 70.8 106.2

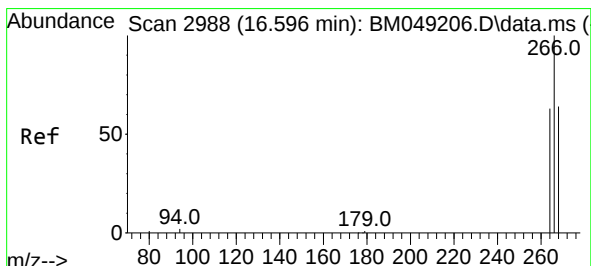
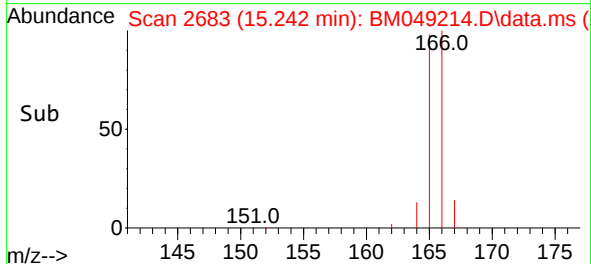
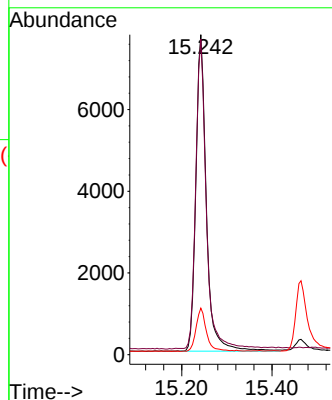
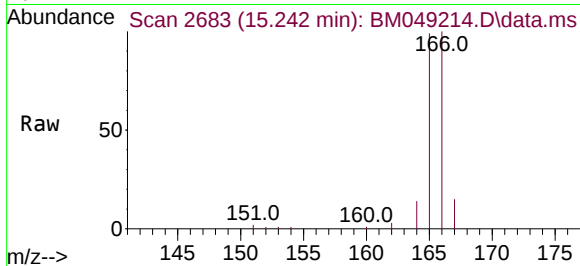




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.242 min Scan# 20
Delta R.T. -0.013 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

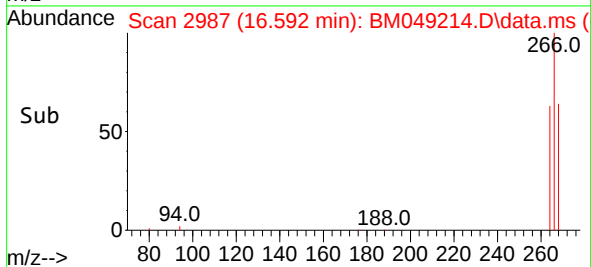
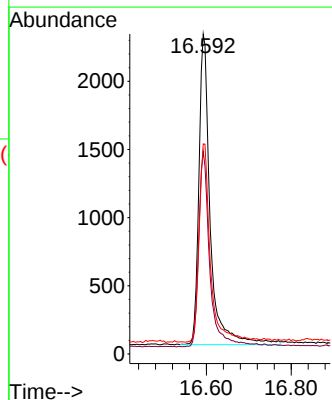
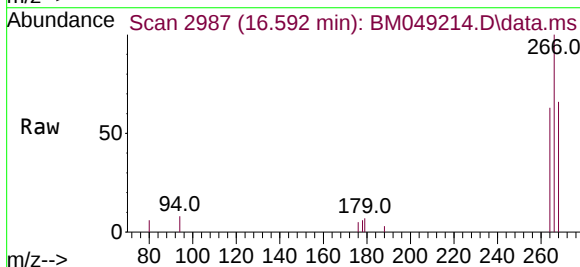
Instrument :
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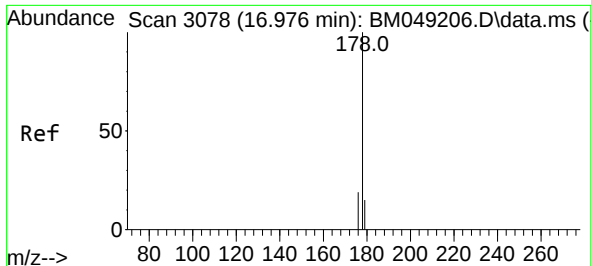
Tgt Ion:166 Resp: 12558
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.609 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.016 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:266 Resp: 4241
Ion Ratio Lower Upper
266 100
264 61.4 48.3 72.5
268 63.6 47.5 71.3

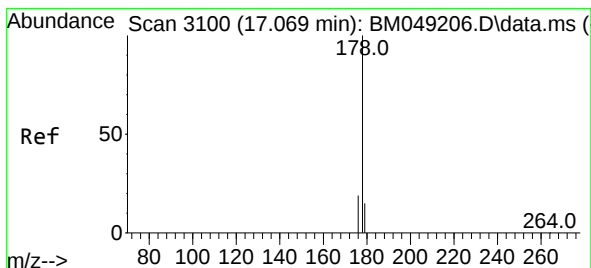
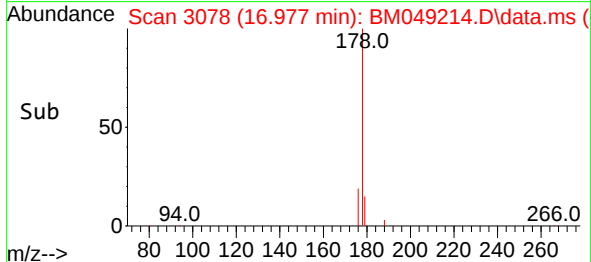
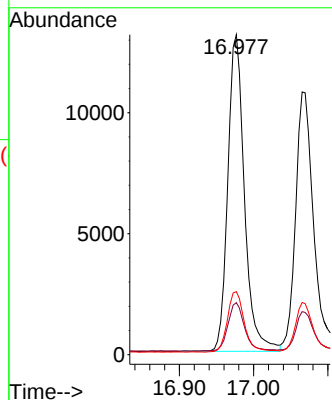
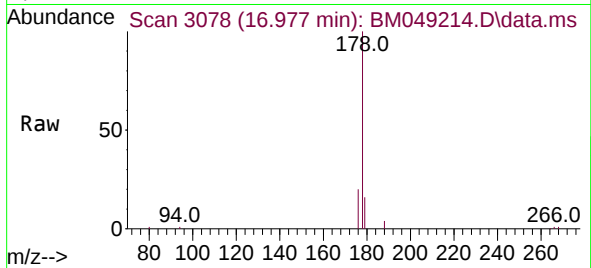




#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

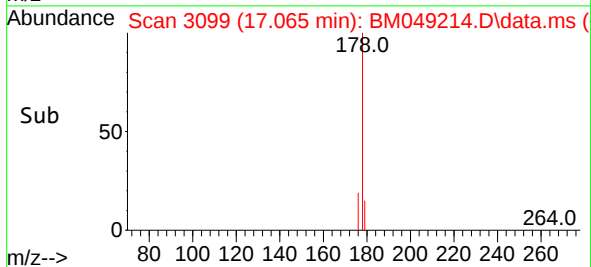
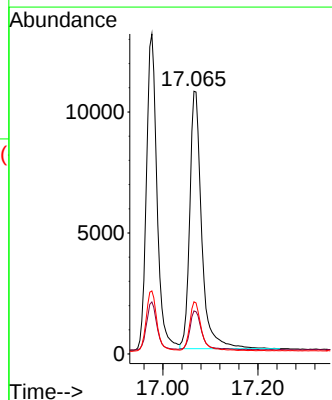
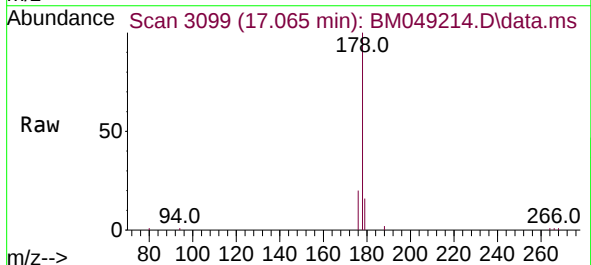
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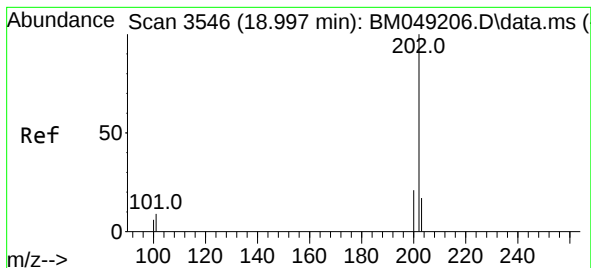
Tgt Ion:178 Resp: 20344
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.7 16.2 24.2



#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:178 Resp: 18465
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.9 15.3 22.9





#19

Fluoranthene

Concen: 0.348 ng/ul

RT: 19.002 min Scan# 3547

Delta R.T. -0.013 min

Lab File: BM049214.D

Acq: 25 Dec 2024 09:43

Instrument :

BNA_M

ClientSampleId :

SLCS752

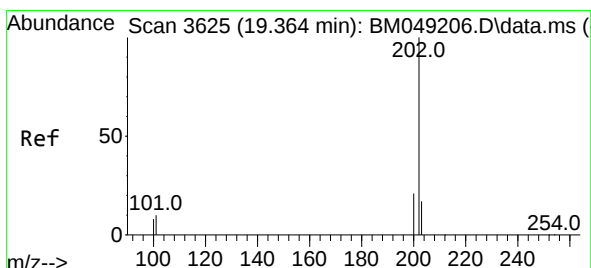
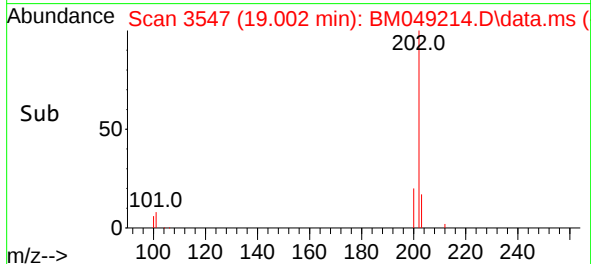
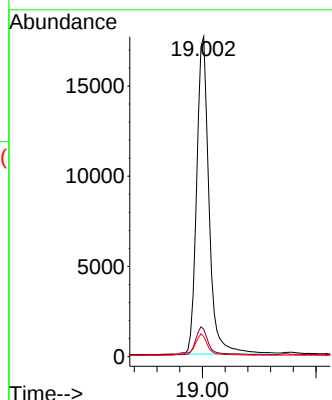
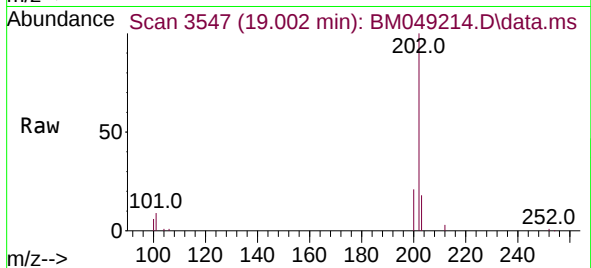
Tgt Ion:202 Resp: 26618

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

100 6.3 5.5 8.3



#20

Pyrene

Concen: 0.339 ng/ul

RT: 19.365 min Scan# 3625

Delta R.T. -0.013 min

Lab File: BM049214.D

Acq: 25 Dec 2024 09:43

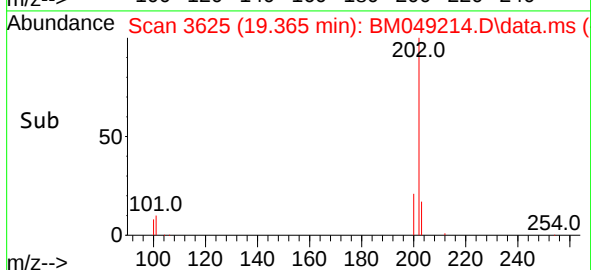
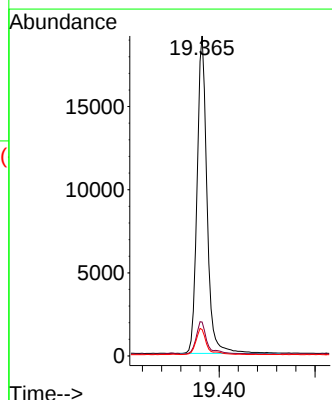
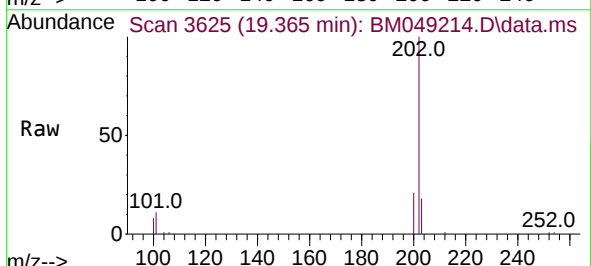
Tgt Ion:202 Resp: 27610

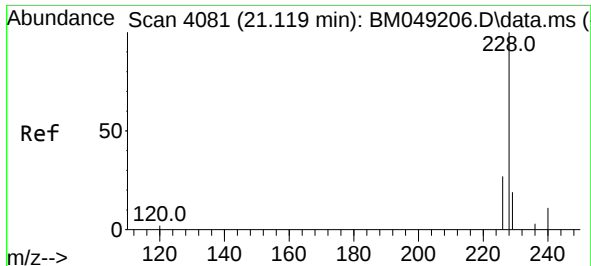
Ion Ratio Lower Upper

202 100

101 10.6 8.9 13.3

100 8.3 6.9 10.3

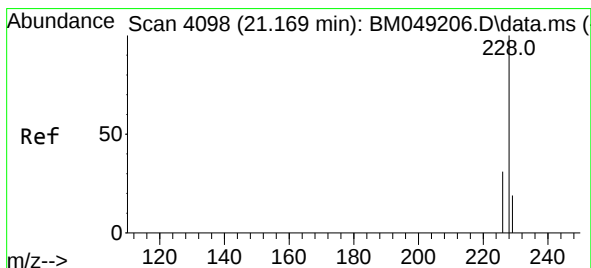
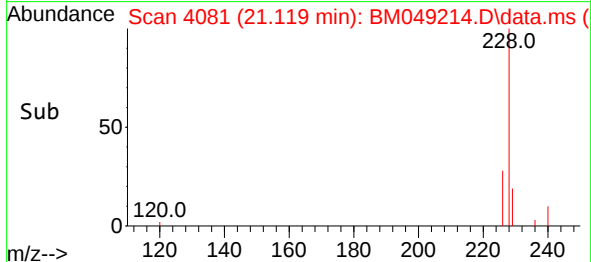
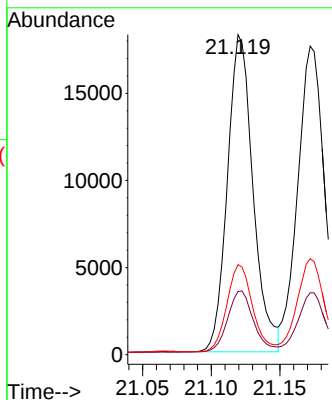
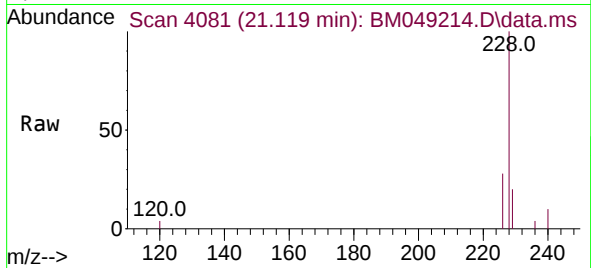




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

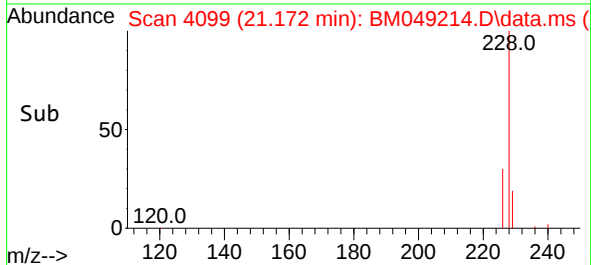
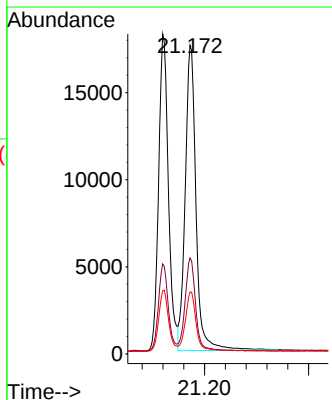
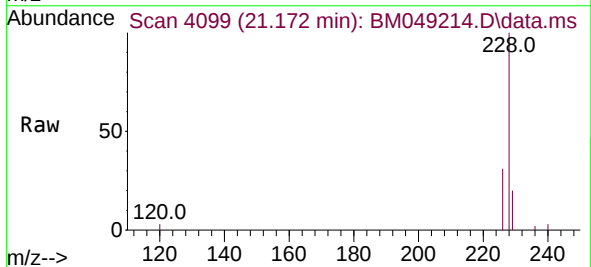
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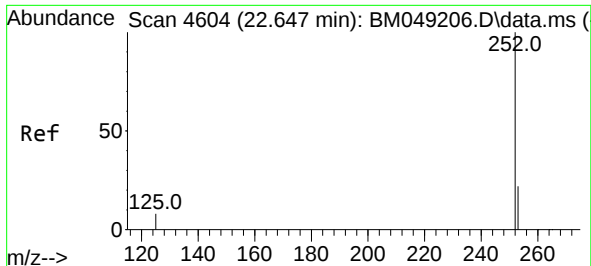
Tgt Ion:228	Resp:	23723
Ion Ratio	Lower	Upper
228	100	
229	19.7	15.9 23.9
226	28.1	22.6 34.0



#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

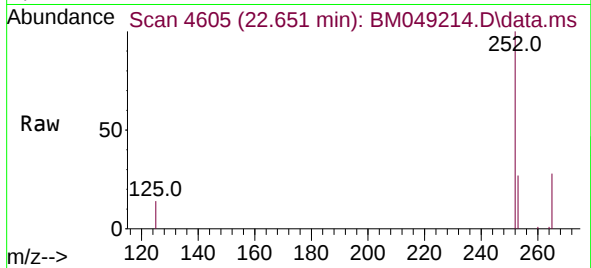
Tgt Ion:228	Resp:	25185
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.1 36.1
229	20.1	15.8 23.8



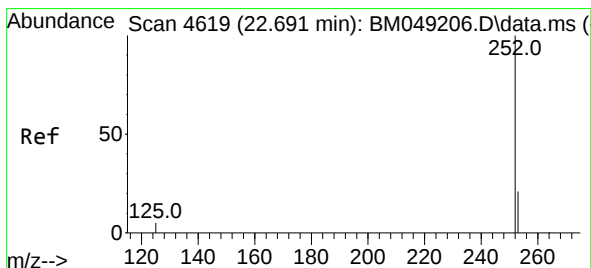
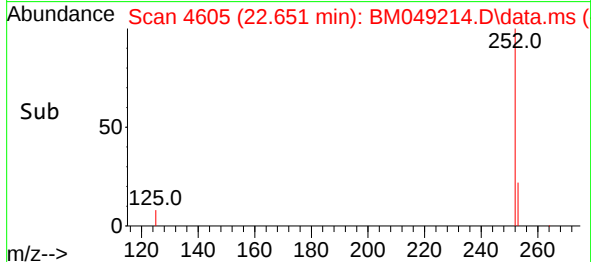
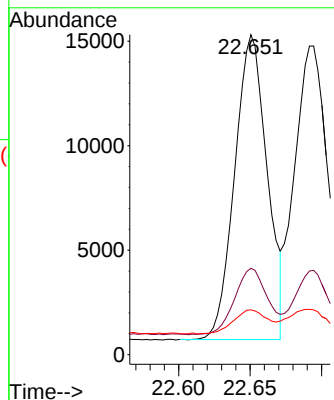


#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Instrument :
BNA_M
ClientSampleId :
SLCS752

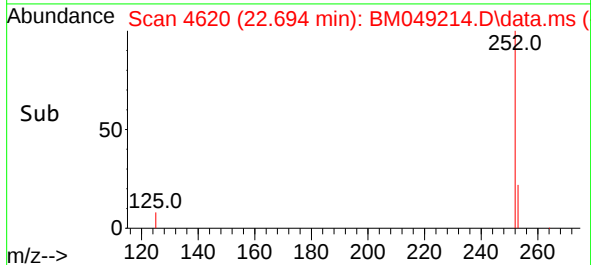
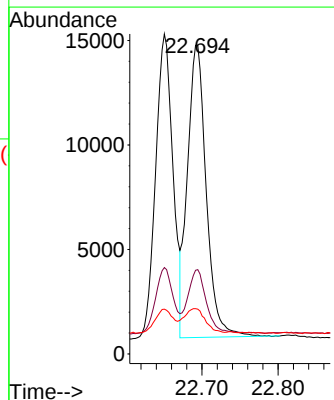
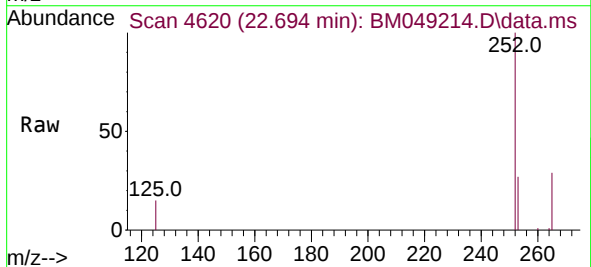


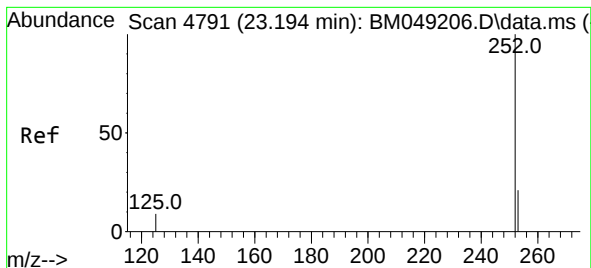
Tgt Ion:252 Resp: 22999
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.6
125 14.0 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.296 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:252 Resp: 23972
Ion Ratio Lower Upper
252 100
253 27.3 21.3 31.9
125 14.5 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 23.197 min Scan# 4791

Delta R.T. -0.012 min

Lab File: BM049214.D

Acq: 25 Dec 2024 09:43

Instrument :

BNA_M

ClientSampleId :

SLCS752

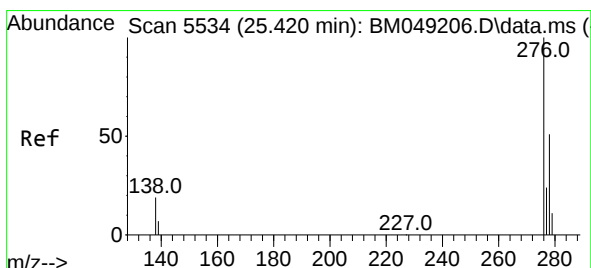
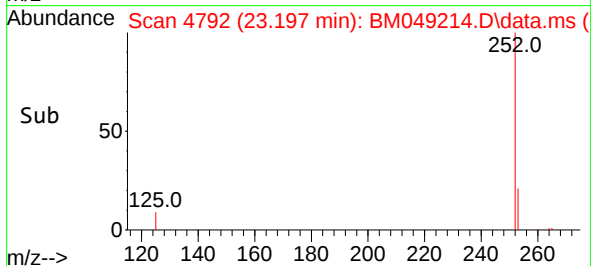
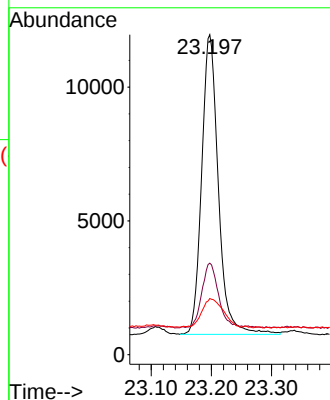
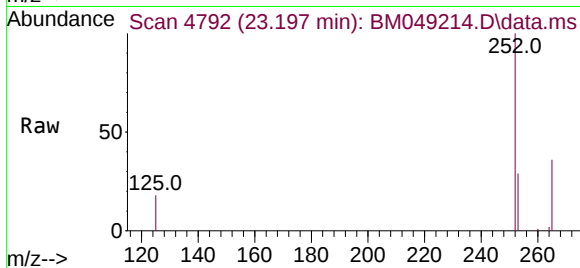
Tgt Ion:252 Resp: 21523

Ion Ratio Lower Upper

252 100

253 28.6 22.4 33.6

125 17.5 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.285 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.020 min

Lab File: BM049214.D

Acq: 25 Dec 2024 09:43

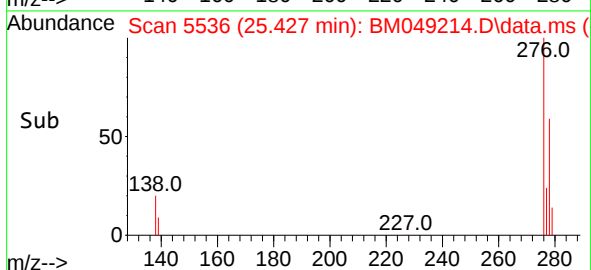
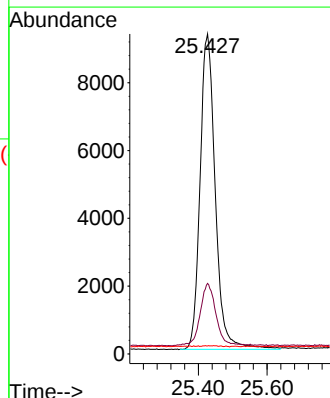
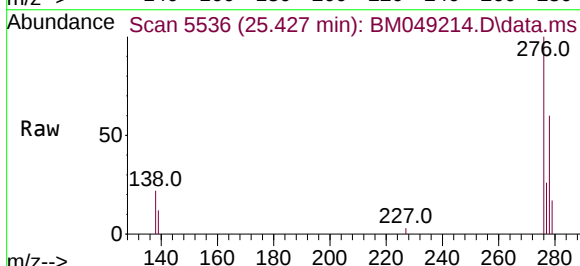
Tgt Ion:276 Resp: 28537

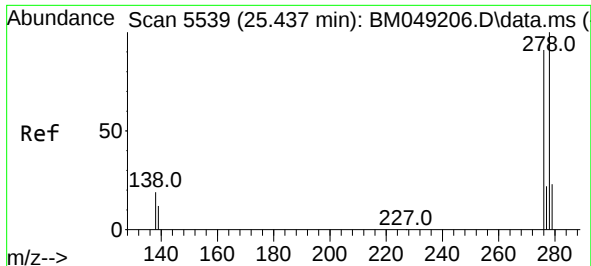
Ion Ratio Lower Upper

276 100

138 20.7 17.4 26.2

227 0.3 0.2 0.2#

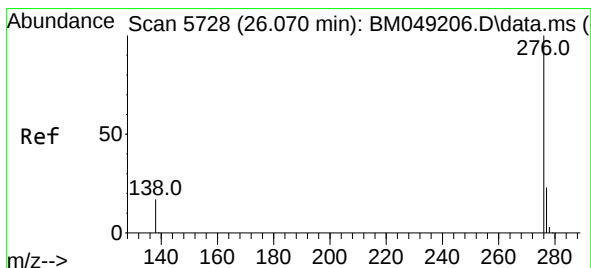
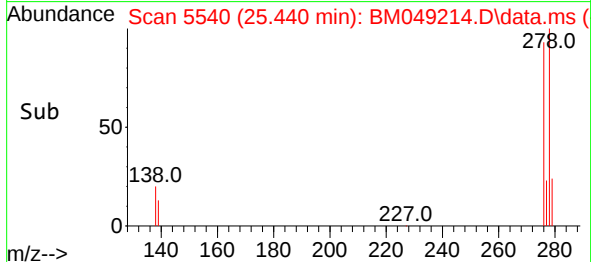
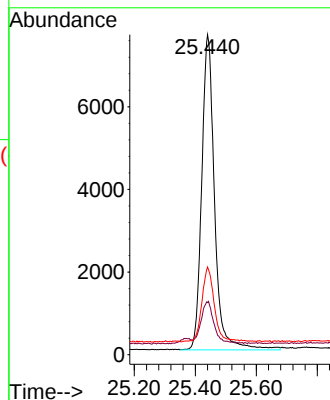
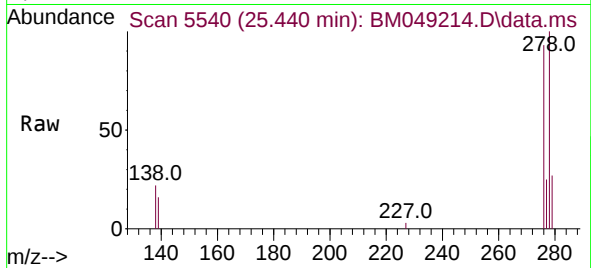




#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.440 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Instrument :
BNA_M
ClientSampleId :
SLCS752

Tgt Ion:278 Resp: 22309
Ion Ratio Lower Upper
278 100
139 16.3 13.5 20.3
279 27.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049214.D
Acq: 25 Dec 2024 09:43

Tgt Ion:276 Resp: 22783
Ion Ratio Lower Upper
276 100
138 19.6 16.7 25.1
277 25.0 19.9 29.9

