

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046174.D
 Acq On : 21 Jun 2024 23:48
 Operator : MA/JU
 Sample : PB161410BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

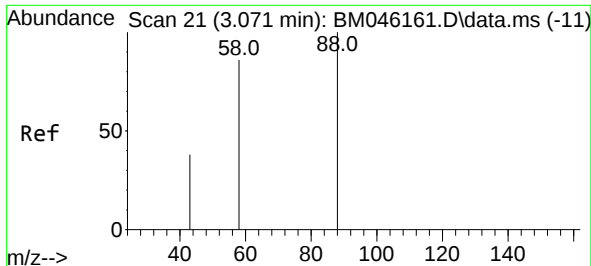
Instrument :
 BNA_M
 ClientSampleId :
 SLCS410

Quant Time: Jun 22 00:26:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	1456	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	4726	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.108	164	2909	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	5290	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	4500	0.400	ng/ul	0.00
23) Perylene-d12	23.128	264	6506	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	1372	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	2062	0.325	ng/ul	0.03
18) Fluoranthene-d10	18.885	212	4202	0.312	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.063	88	3516	1.569	ng/ul#	81
5) Naphthalene	10.319	128	4274	0.324	ng/ul#	90
7) 2-Methylnaphthalene	11.969	142	2264	0.305	ng/ul	96
8) 1-Methylnaphthalene	12.156	142	2701	0.332	ng/ul	98
10) Acenaphthylene	13.835	152	4352	0.315	ng/ul	95
11) Acenaphthene	14.168	153	3218	0.323	ng/ul	96
12) Fluorene	15.190	166	3205	0.300	ng/ul#	98
14) Pentachlorophenol	16.549	266	970	0.612	ng/ul	95
15) Phenanthrene	16.904	178	4524	0.304	ng/ul	97
16) Anthracene	17.013	178	3015	0.272	ng/ul	94
19) Fluoranthene	18.913	202	6391	0.328	ng/ul#	95
20) Pyrene	19.271	202	6730	0.319	ng/ul	99
21) Benzo(a)anthracene	21.021	228	5491	0.316	ng/ul	99
22) Chrysene	21.070	228	7333	0.331	ng/ul	99
24) Benzo(b)fluoranthene	22.508	252	7331	0.313	ng/ul	91
25) Benzo(k)fluoranthene	22.549	252	8938	0.321	ng/ul	93
26) Benzo(a)pyrene	23.040	252	7626	0.351	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.186	276	10594	0.298	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.199	278	8175	0.309	ng/ul	95
29) Benzo(g,h,i)perylene	25.806	276	9150	0.300	ng/ul	96

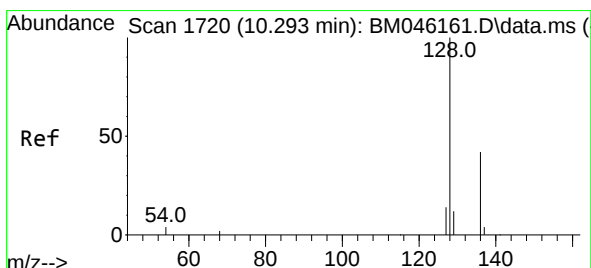
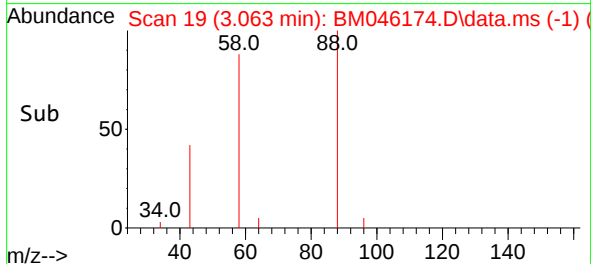
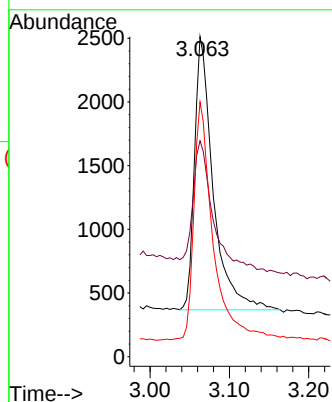
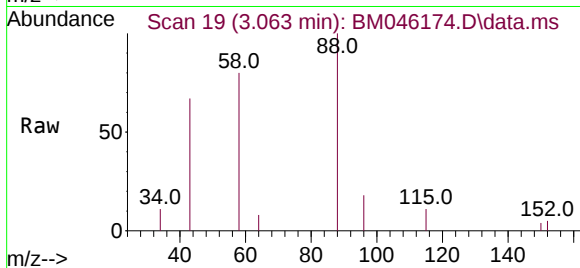
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.569 ng/ul
RT: 3.063 min Scan# 19
Delta R.T. -0.012 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

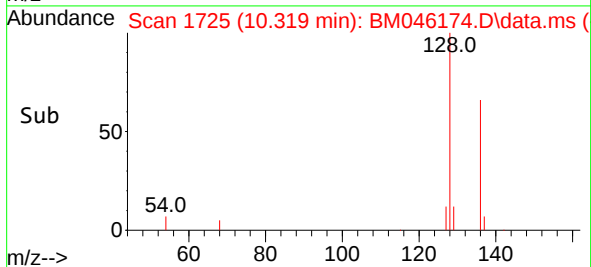
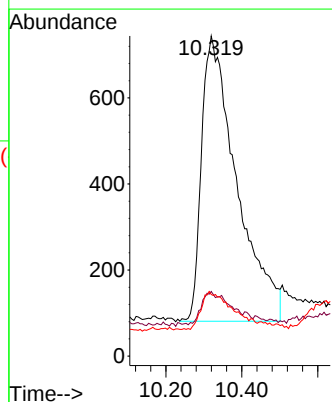
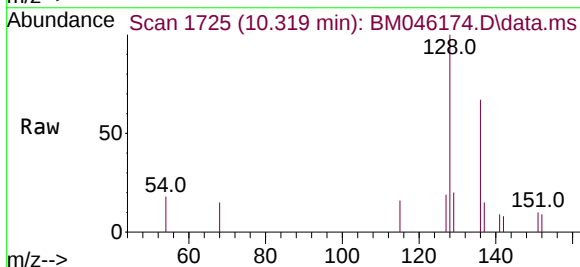
Instrument :
BNA_M
ClientSampleId :
SLCS410

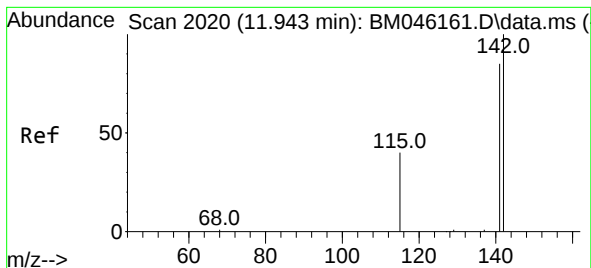
Tgt Ion: 88 Resp: 3516
Ion Ratio Lower Upper
88 100
43 67.5 69.8 104.8#
58 79.6 53.2 79.8



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.319 min Scan# 1725
Delta R.T. 0.017 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion: 128 Resp: 4274
Ion Ratio Lower Upper
128 100
129 20.2 11.8 17.6#
127 19.2 12.8 19.2#

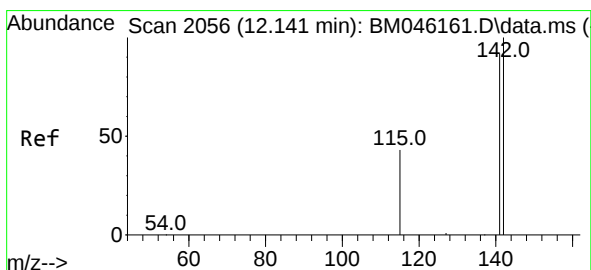
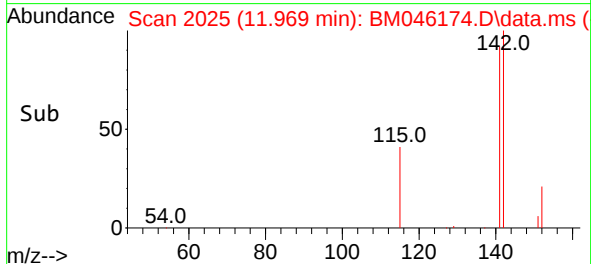
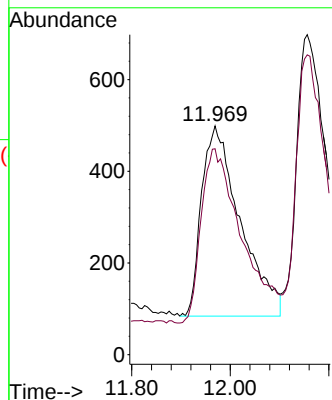
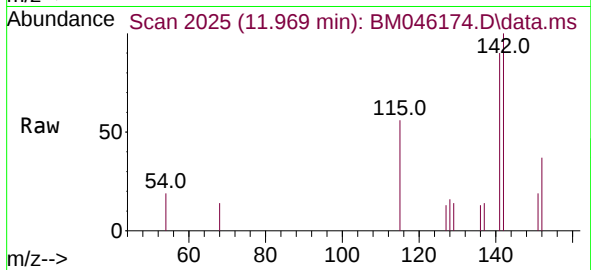




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. 0.022 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

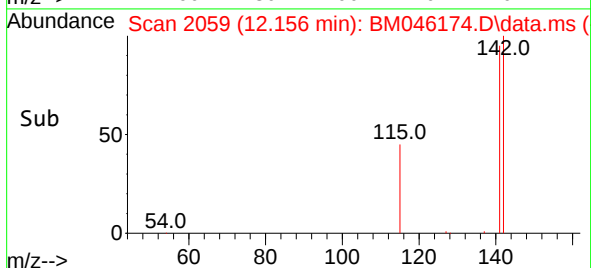
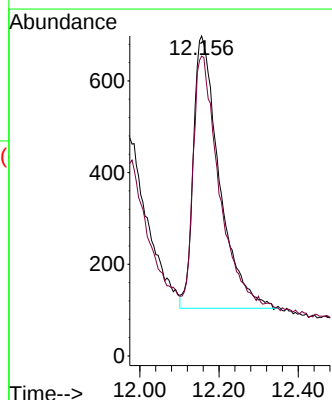
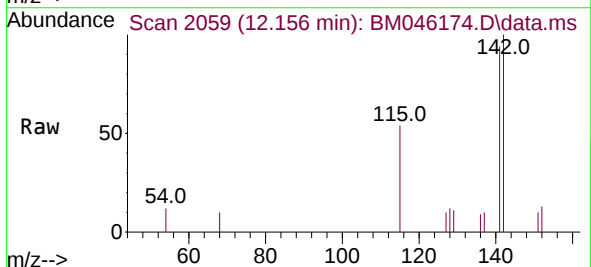
Instrument :
BNA_M
ClientSampleId :
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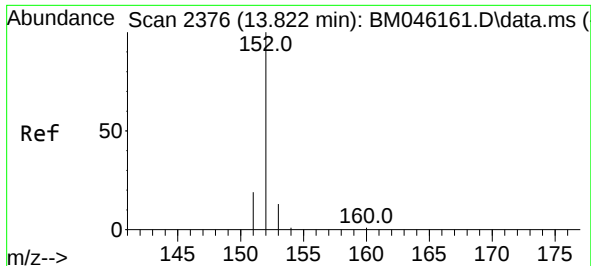
Tgt Ion:142 Resp: 2264
Ion Ratio Lower Upper
142 100
141 97.0 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:142 Resp: 2701
Ion Ratio Lower Upper
142 100
141 96.0 75.2 112.8

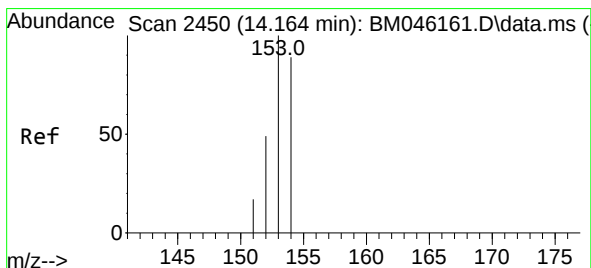
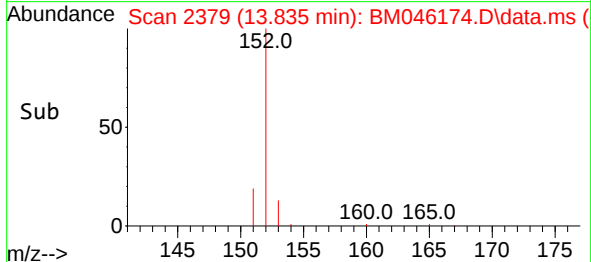
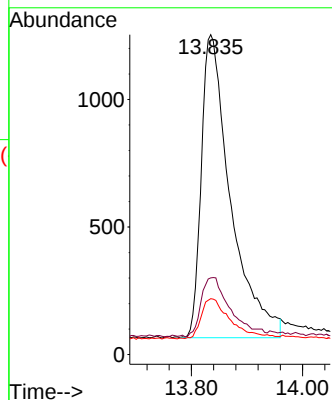
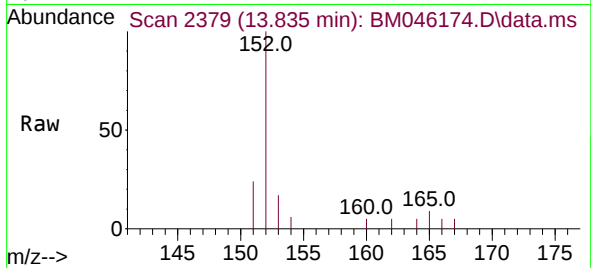




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 13.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

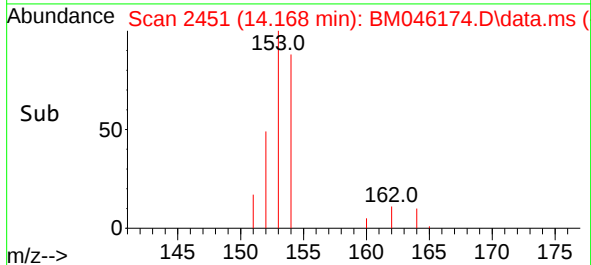
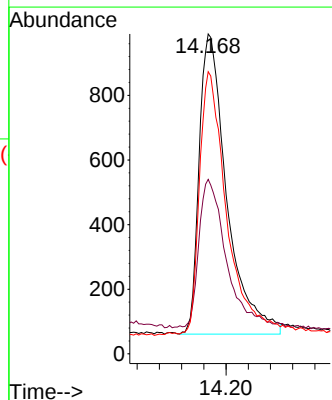
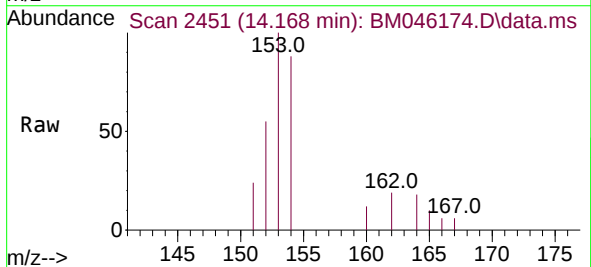
Instrument :
BNA_M
ClientSampleId :
SLCS410

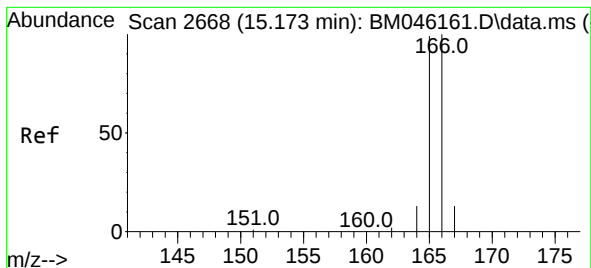
Tgt Ion:152 Resp: 4352
Ion Ratio Lower Upper
152 100
151 24.0 17.4 26.2
153 17.5 11.8 17.8



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:153 Resp: 3218
Ion Ratio Lower Upper
153 100
152 54.5 41.3 61.9
154 88.2 68.2 102.4





#12

Fluorene

Concen: 0.300 ng/ul

RT: 15.190 min Scan# 2

Delta R.T. 0.009 min

Lab File: BM046174.D

Acq: 21 Jun 2024 23:48

Instrument :

BNA_M

ClientSampleId :

SLCS410

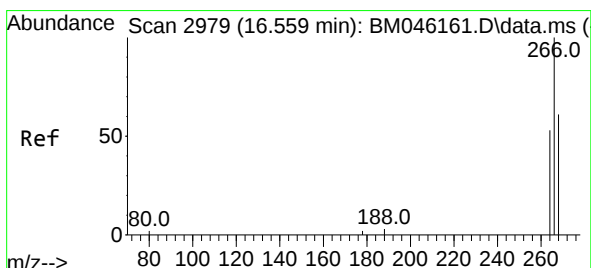
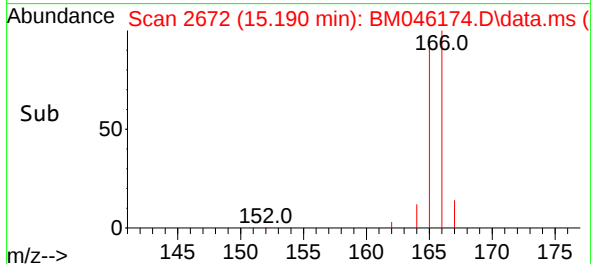
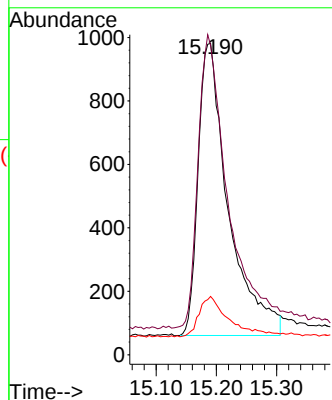
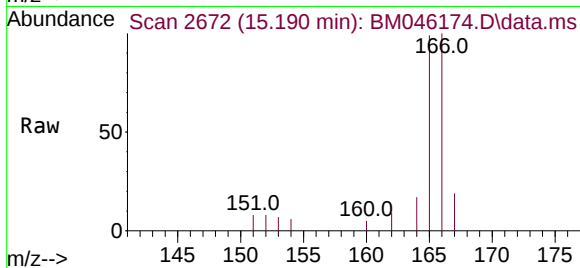
Tgt Ion:166 Resp: 3205

Ion Ratio Lower Upper

166 100

165 99.3 80.4 120.6

167 18.7 12.4 18.6#



#14

Pentachlorophenol

Concen: 0.612 ng/ul

RT: 16.549 min Scan# 2977

Delta R.T. -0.017 min

Lab File: BM046174.D

Acq: 21 Jun 2024 23:48

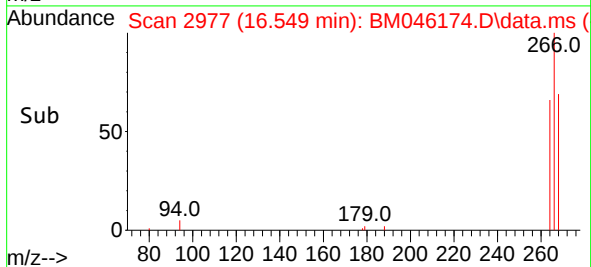
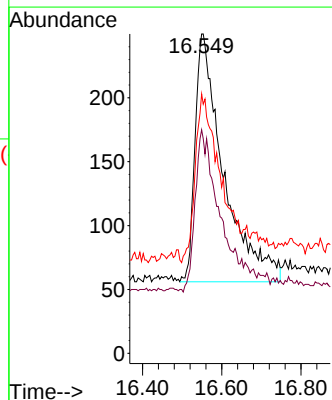
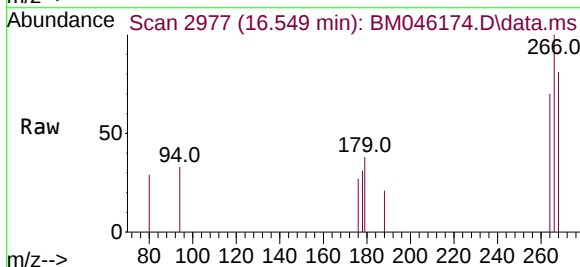
Tgt Ion:266 Resp: 970

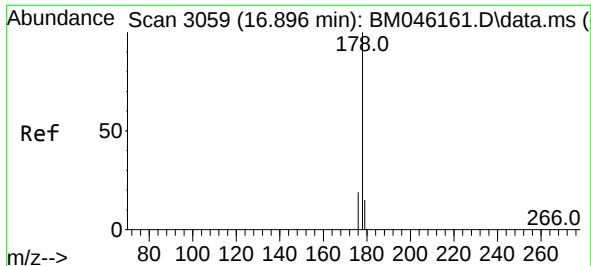
Ion Ratio Lower Upper

266 100

264 58.5 50.9 76.3

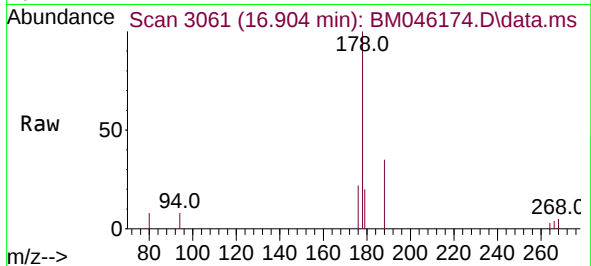
268 62.6 52.3 78.5



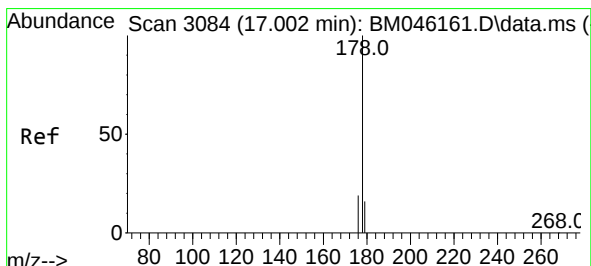
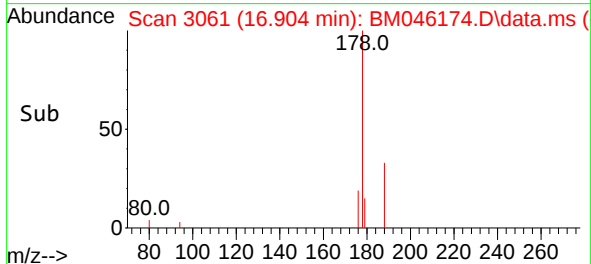
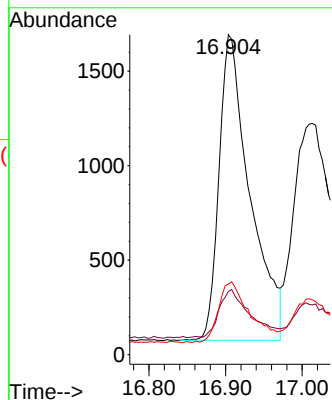


#15
Phenanthrene
Concen: 0.304 ng/ul
RT: 16.904 min Scan# 3061
Delta R.T. 0.000 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Instrument :
BNA_M
ClientSampleId :
SLCS410

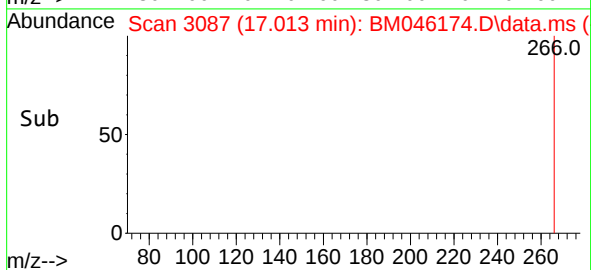
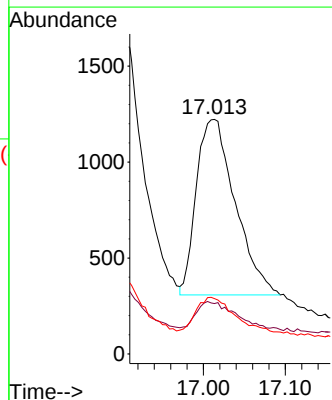
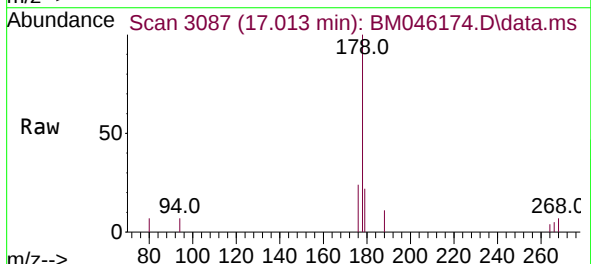


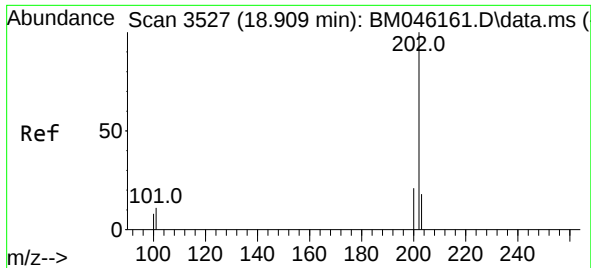
Tgt Ion:178 Resp: 4524
Ion Ratio Lower Upper
178 100
179 19.7 14.2 21.2
176 22.0 17.1 25.7



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. 0.009 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:178 Resp: 3015
Ion Ratio Lower Upper
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179 21.5 14.9 22.3
176 23.6 17.0 25.4

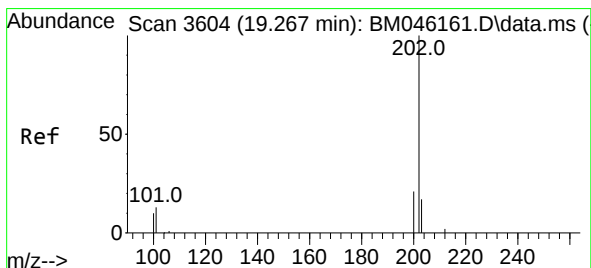
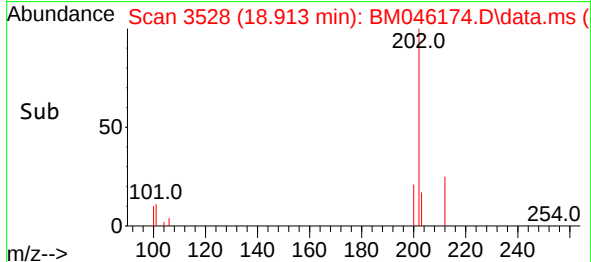
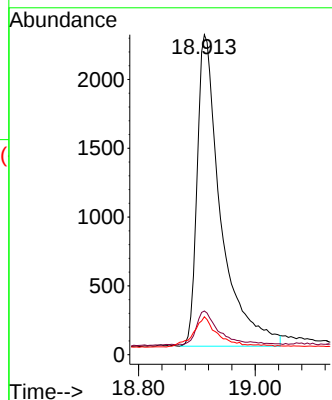
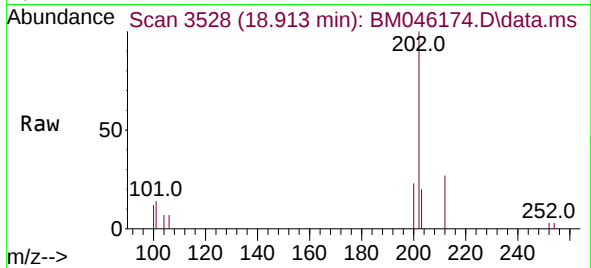




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 18.913 min Scan# 3528
Delta R.T. -0.004 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

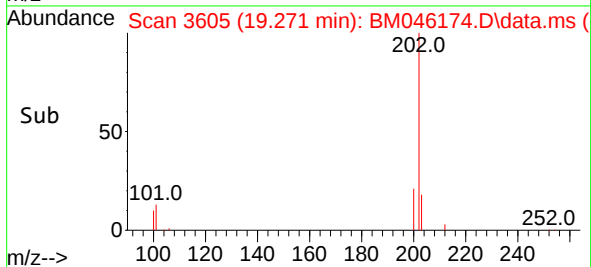
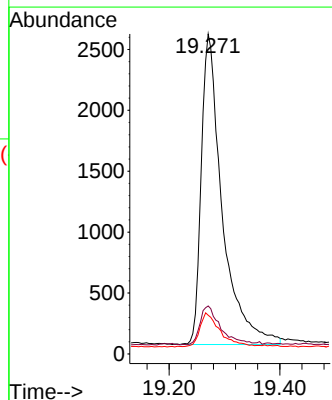
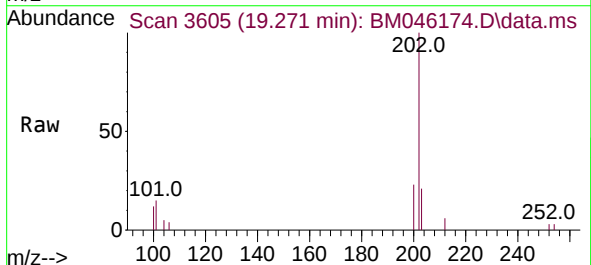
Instrument :
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ClientSampleId :
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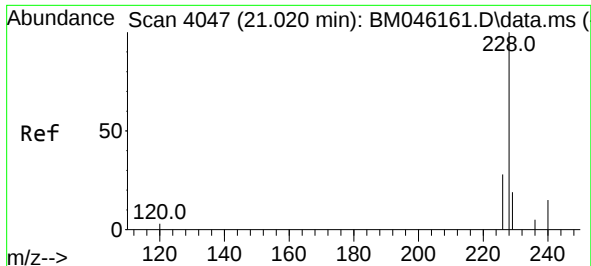
Tgt Ion:202 Resp: 6391
Ion Ratio Lower Upper
202 100
101 13.6 9.6 14.4
100 11.8 7.6 11.4#



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.271 min Scan# 3605
Delta R.T. -0.004 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

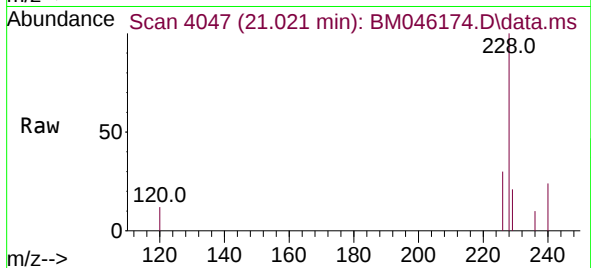
Tgt Ion:202 Resp: 6730
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.1 9.8 14.6



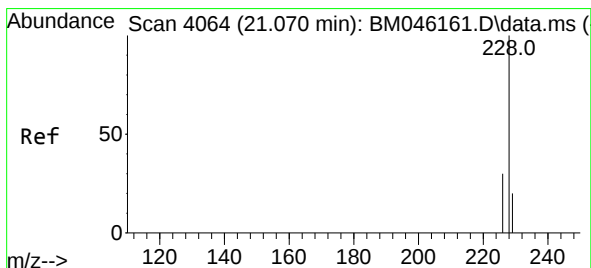
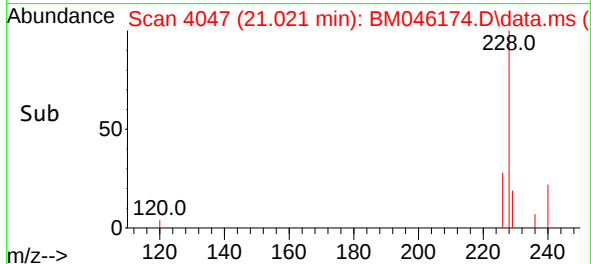
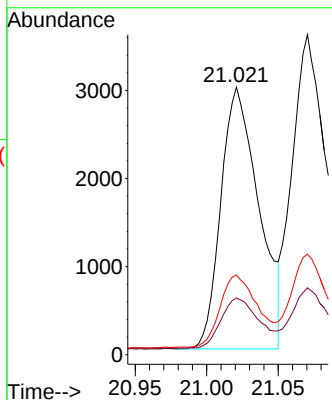


#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.021 min Scan# 4047
Delta R.T. -0.009 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Instrument :
BNA_M
ClientSampleId :
SLCS410

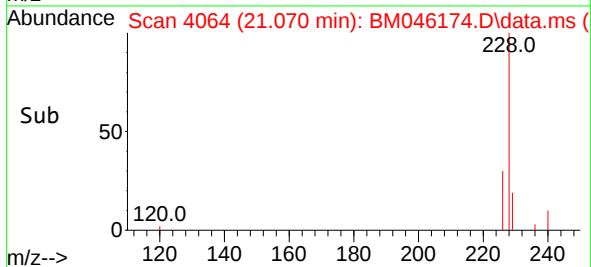
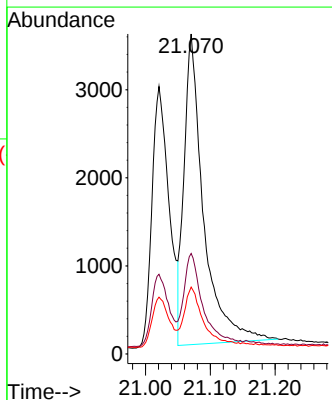
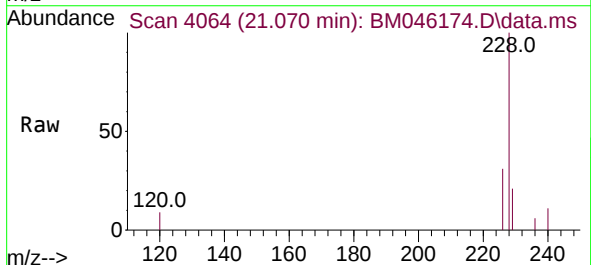


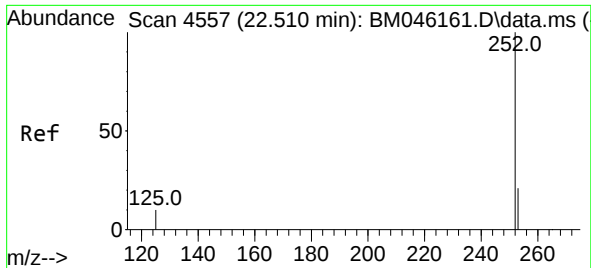
Tgt Ion:228 Resp: 5491
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.8 23.4 35.2



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:228 Resp: 7333
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 20.9 16.3 24.5

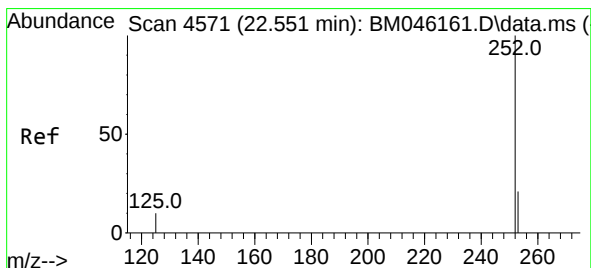
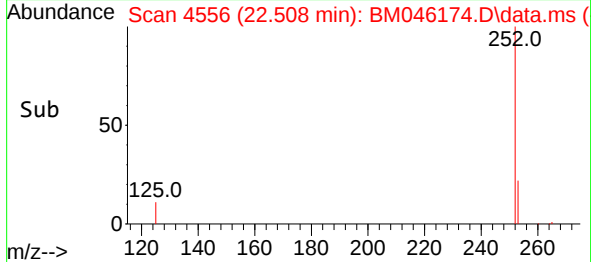
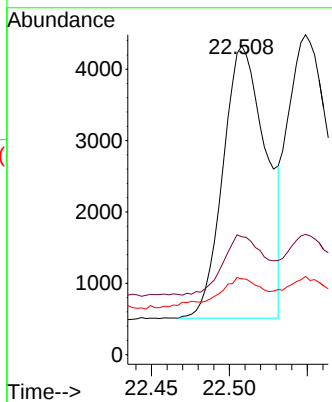
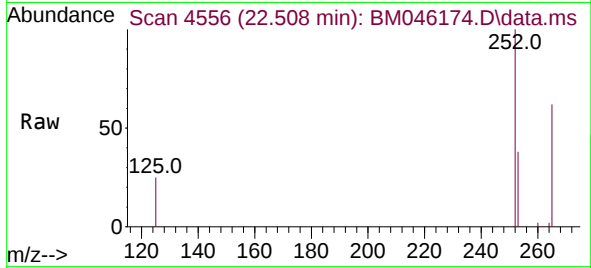




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.508 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

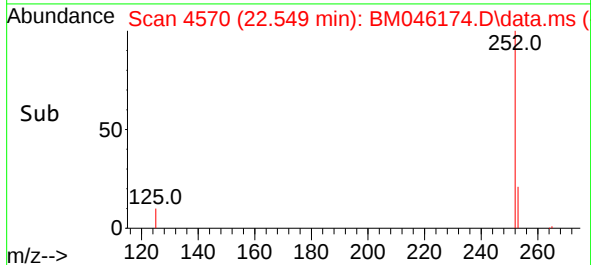
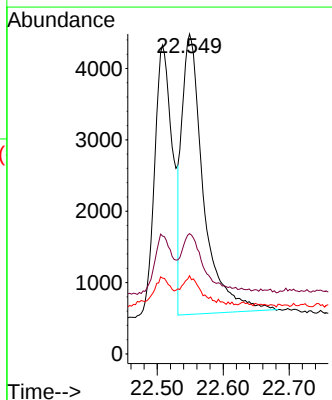
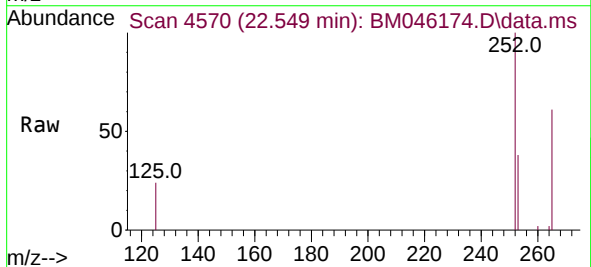
Instrument :
BNA_M
ClientSampleId :
SLCS410

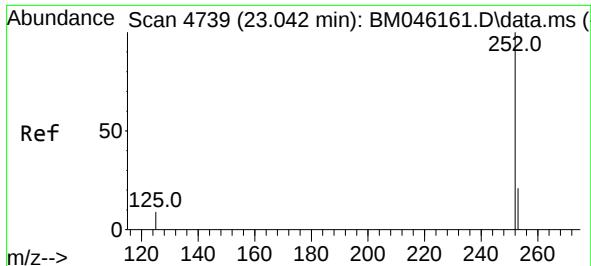
Tgt Ion:252 Resp: 7331
Ion Ratio Lower Upper
252 100
253 38.2 0.0 65.8
125 24.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul
RT: 22.549 min Scan# 4570
Delta R.T. -0.014 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

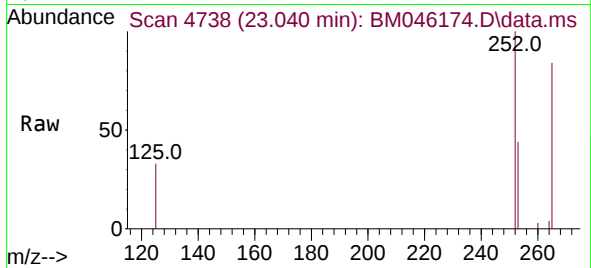
Tgt Ion:252 Resp: 8938
Ion Ratio Lower Upper
252 100
253 37.6 27.2 40.8
125 24.4 16.6 25.0



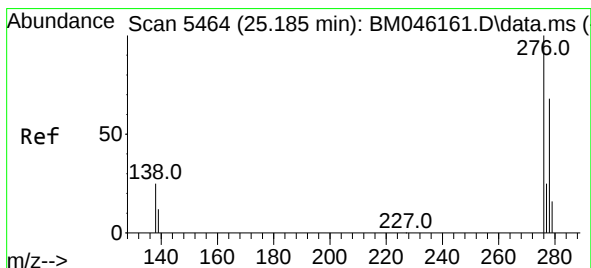
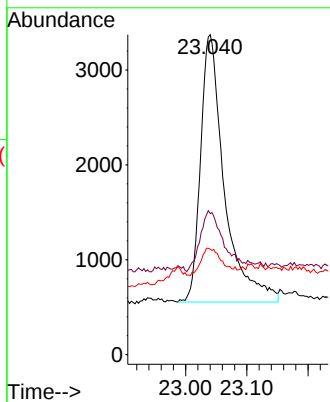
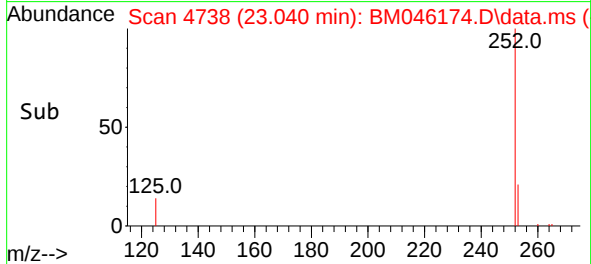


#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.040 min Scan# 4739
Delta R.T. -0.014 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Instrument :
BNA_M
ClientSampleId :
SLCS410

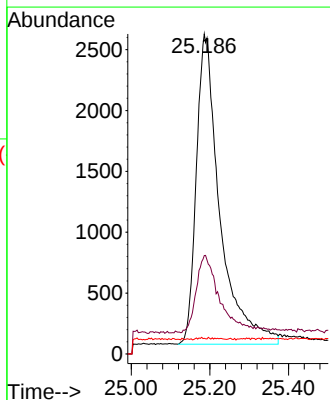
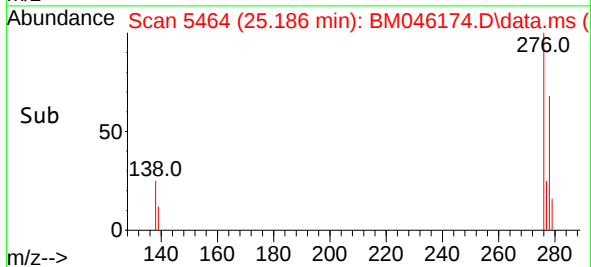
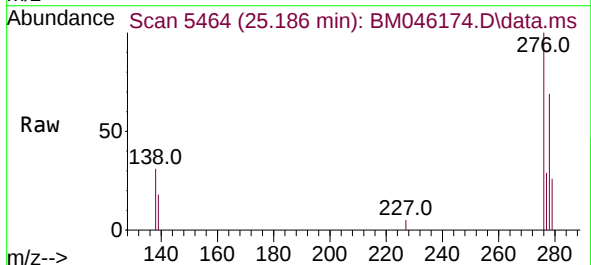


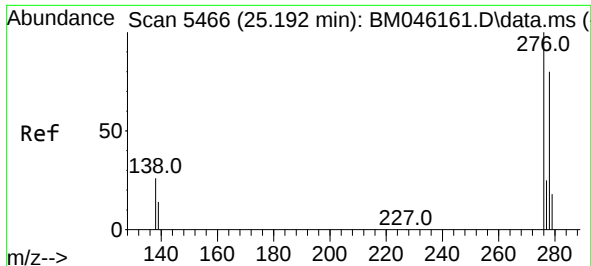
Tgt Ion:252 Resp: 7626
Ion Ratio Lower Upper
252 100
253 44.1 32.1 48.1
125 33.0 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.186 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:276 Resp: 10594
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
227 0.0 0.0 0.0#

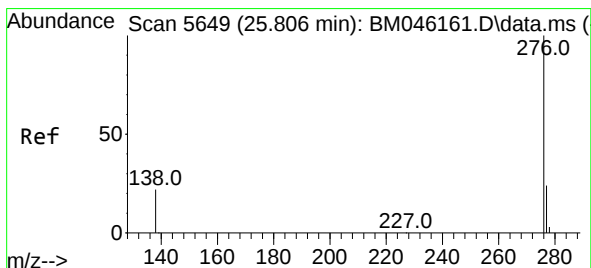
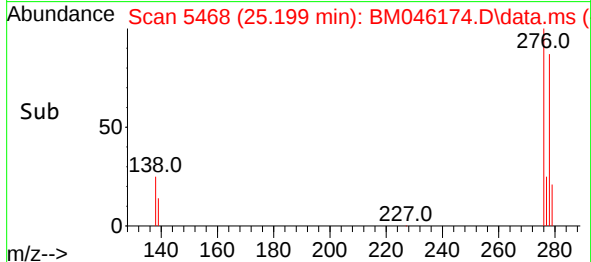
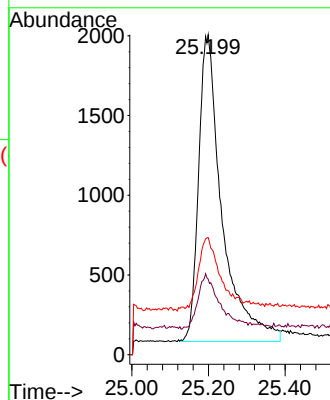
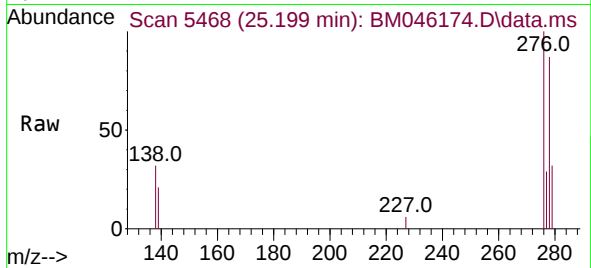




#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 25.199 min Scan# 5466
Delta R.T. -0.017 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Instrument :
BNA_M
ClientSampleId :
SLCS410

Tgt Ion:278 Resp: 8175
Ion Ratio Lower Upper
278 100
139 23.6 17.6 26.4
279 36.6 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.023 min
Lab File: BM046174.D
Acq: 21 Jun 2024 23:48

Tgt Ion:276 Resp: 9150
Ion Ratio Lower Upper
276 100
138 29.4 21.7 32.5
277 27.5 20.4 30.6

