

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046222.D
 Acq On : 23 Jun 2024 06:33
 Operator : MA/JU
 Sample : PB161447BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS447

Quant Time: Jun 23 07:03:57 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 : Sun Jun 23 01:31:42 2024
 Response via : Initial Calibration

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

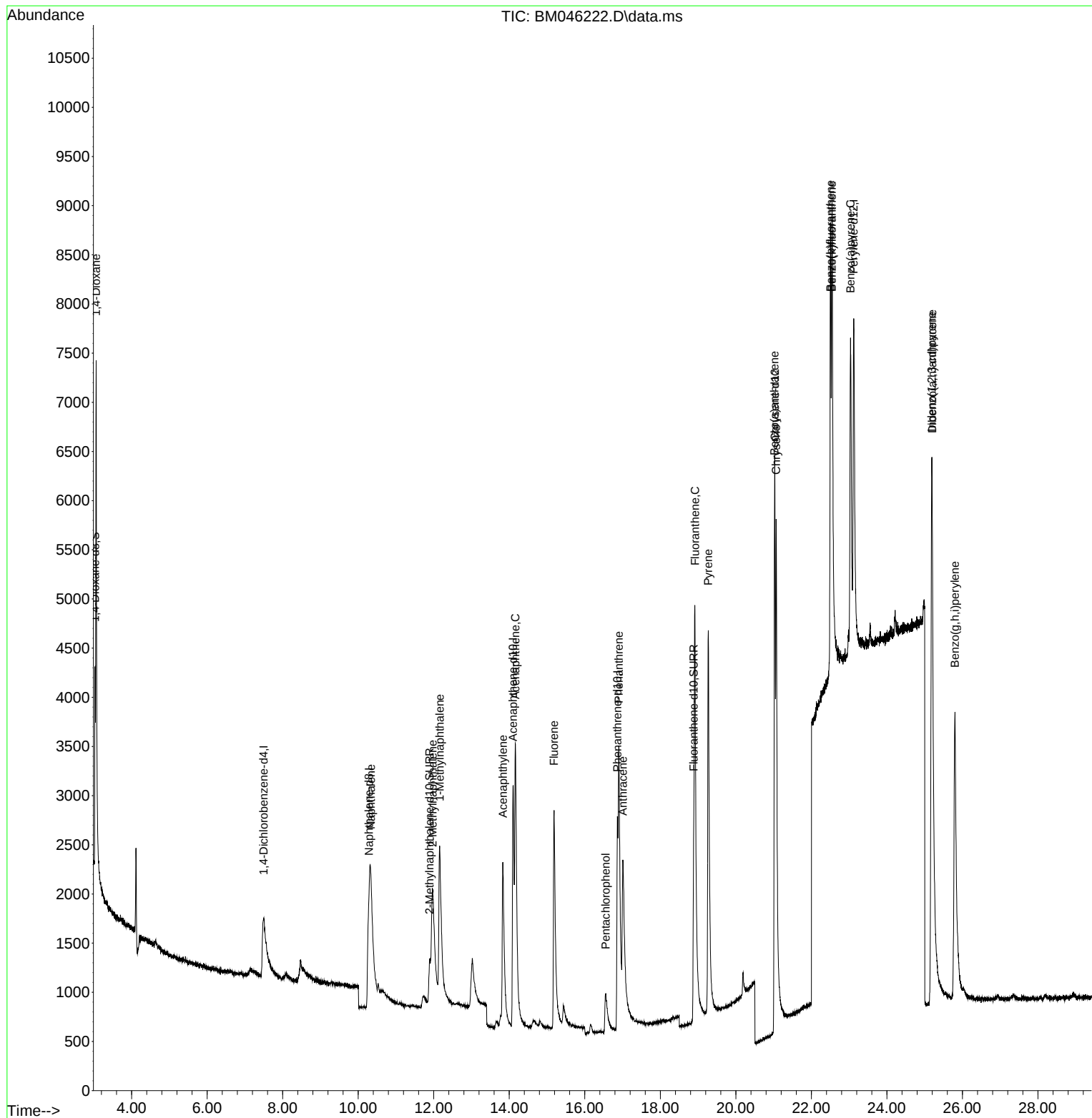
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	1420	0.400	ng/ul	0.03
4) Naphthalene-d8	10.281	136	5263	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.098	164	3114	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.861	188	5796	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	4615	0.400	ng/ul	0.00
23) Perylene-d12	23.122	264	6380	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	1217	0.625	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.892	152	2166	0.307	ng/ul	0.03
18) Fluoranthene-d10	18.885	212	4352	0.315	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.058	88	3491	1.598	ng/ul#	79
5) Naphthalene	10.336	128	4410	0.300	ng/ul#	89
7) 2-Methylnaphthalene	11.974	142	2417	0.293	ng/ul	98
8) 1-Methylnaphthalene	12.156	142	2941	0.324	ng/ul	100
10) Acenaphthylene	13.830	152	4617	0.313	ng/ul	95
11) Acenaphthene	14.163	153	3474	0.326	ng/ul	97
12) Fluorene	15.185	166	3459	0.302	ng/ul	98
14) Pentachlorophenol	16.553	266	898	0.517	ng/ul	92
15) Phenanthrene	16.903	178	4994	0.307	ng/ul	95
16) Anthracene	17.009	178	2912	0.240	ng/ul	96
19) Fluoranthene	18.917	202	6771	0.339	ng/ul	97
20) Pyrene	19.270	202	7159	0.331	ng/ul	99
21) Benzo(a)anthracene	21.023	228	5079	0.285	ng/ul	99
22) Chrysene	21.067	228	7594	0.334	ng/ul	99
24) Benzo(b)fluoranthene	22.508	252	6787	0.295	ng/ul	93
25) Benzo(k)fluoranthene	22.546	252	9138	0.334	ng/ul	95
26) Benzo(a)pyrene	23.037	252	7289	0.342	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.185	276	10149	0.291	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.199	278	7808	0.301	ng/ul	96
29) Benzo(g,h,i)perylene	25.803	276	8916	0.298	ng/ul	97

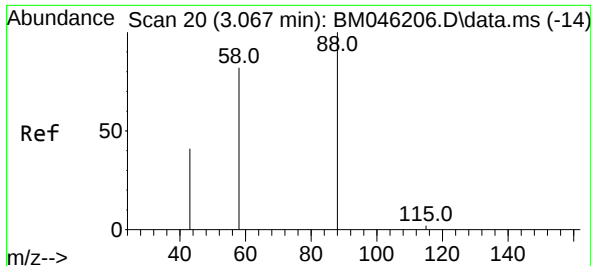
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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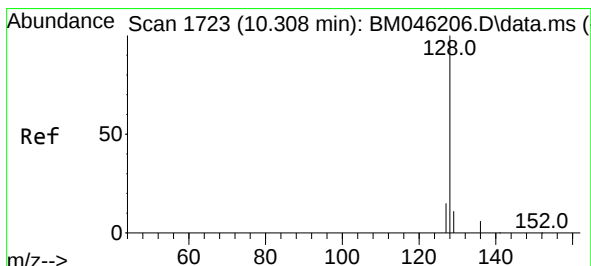
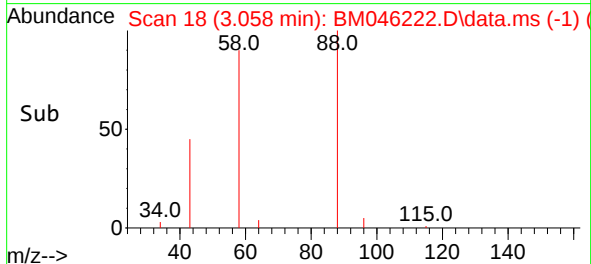
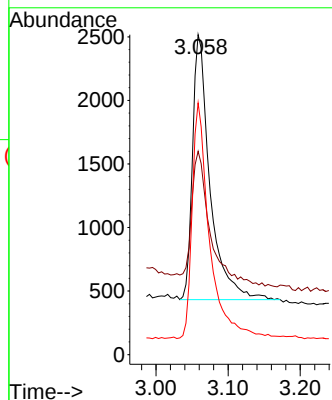
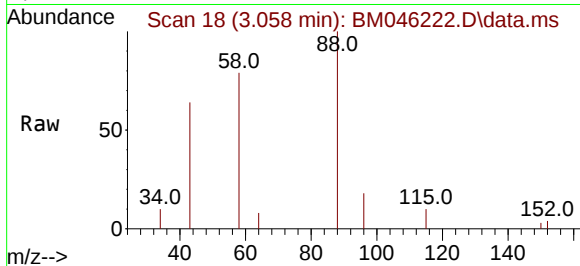




#2
1,4-Dioxane
Concen: 1.598 ng/ul
RT: 3.058 min Scan# 18
Delta R.T. -0.017 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

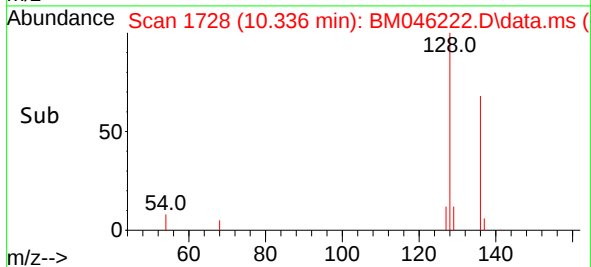
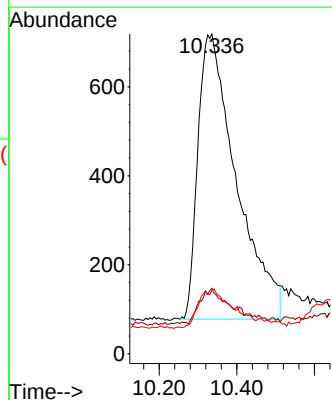
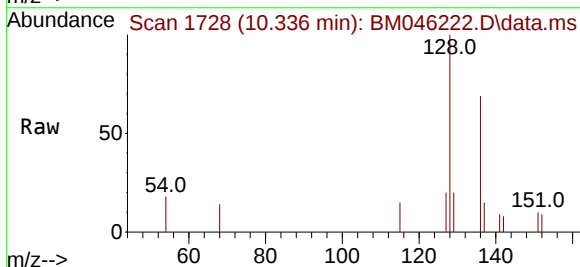
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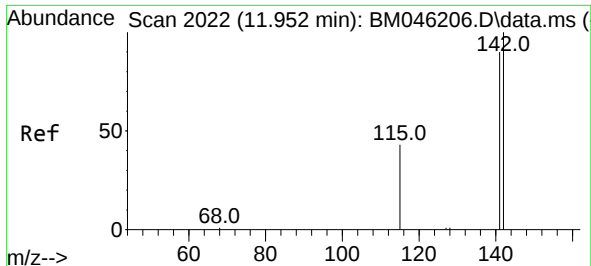
Tgt Ion: 88 Resp: 3491
Ion Ratio Lower Upper
88 100
43 63.6 69.8 104.8#
58 78.7 53.2 79.8



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.336 min Scan# 1728
Delta R.T. 0.033 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion: 128 Resp: 4410
Ion Ratio Lower Upper
128 100
129 20.4 11.8 17.6#
127 19.9 12.8 19.2#

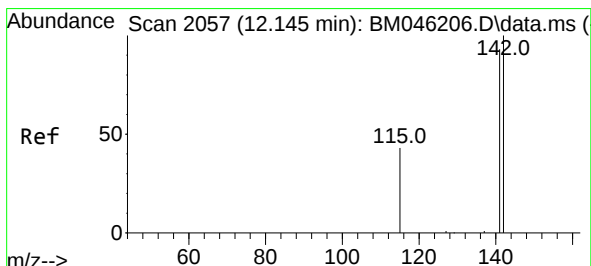
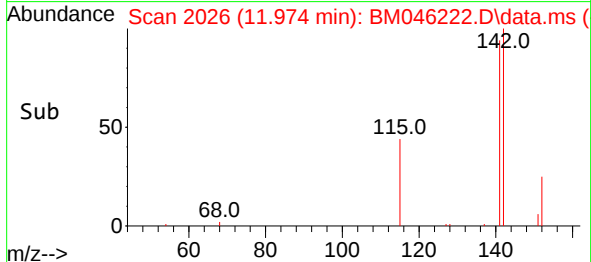
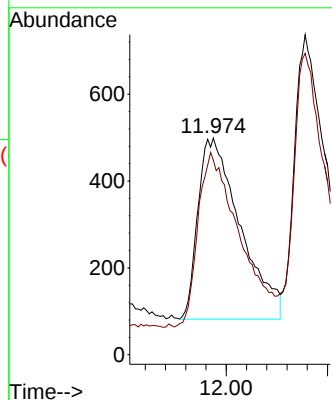
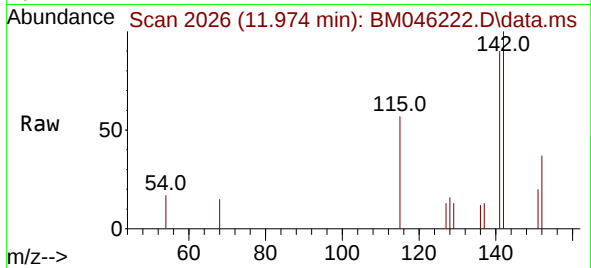




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. 0.027 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

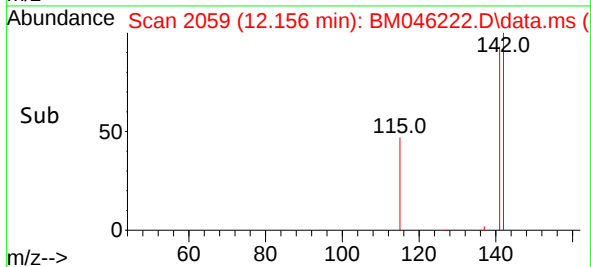
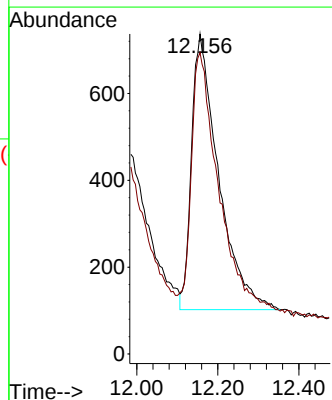
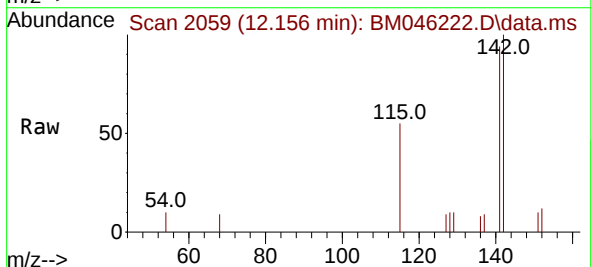
Instrument :
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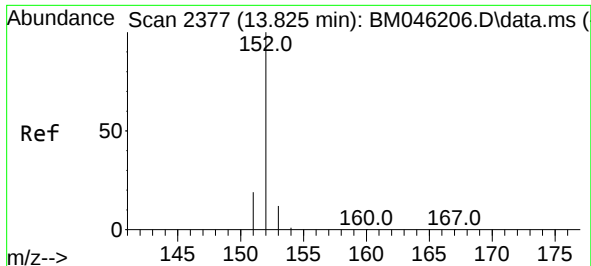
Tgt Ion:142 Resp: 2417
Ion Ratio Lower Upper
142 100
141 95.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. 0.005 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:142 Resp: 2941
Ion Ratio Lower Upper
142 100
141 94.3 75.2 112.8

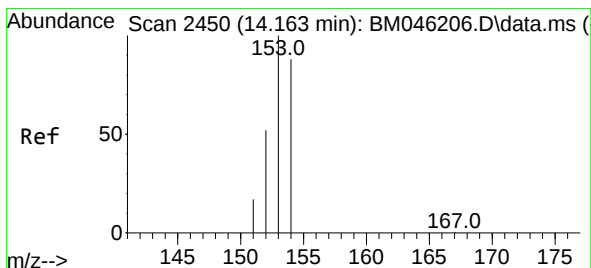
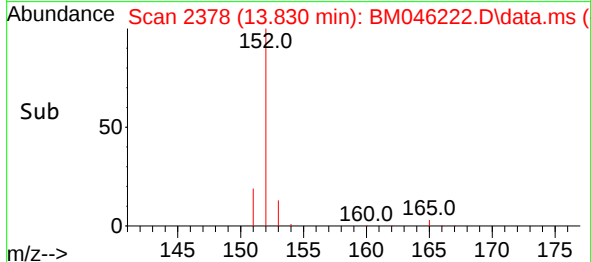
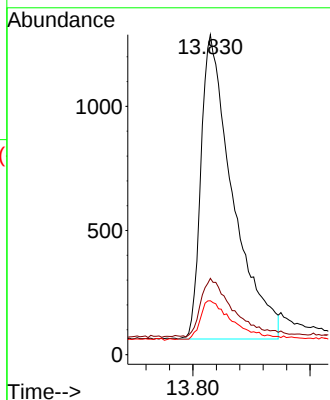
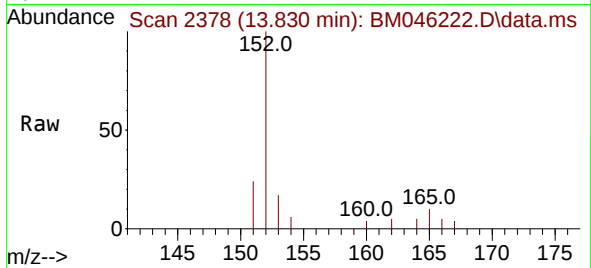




#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 13.830 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

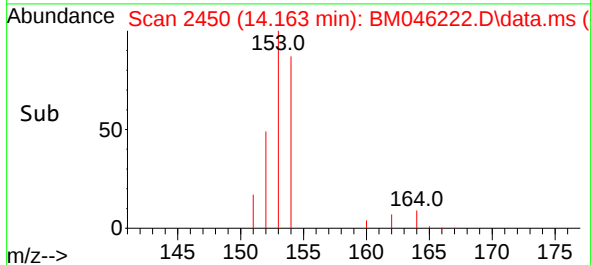
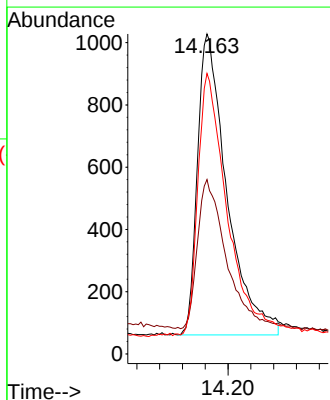
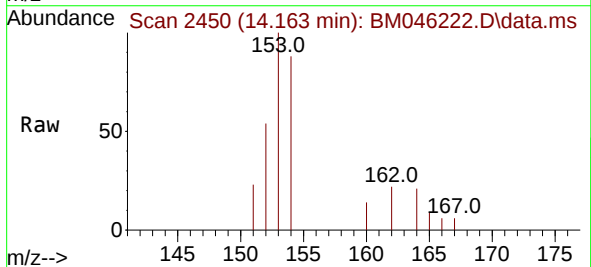
Instrument :
BNA_M
ClientSampleId :
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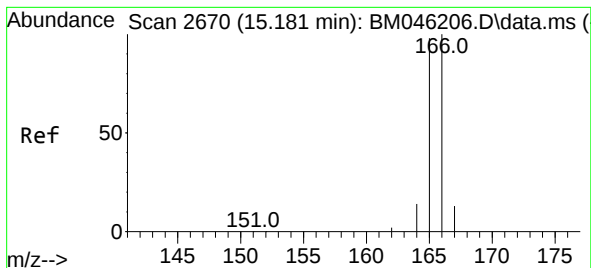
Tgt Ion:152 Resp: 4617
Ion Ratio Lower Upper
152 100
151 23.8 17.4 26.2
153 16.8 11.8 17.8



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:153 Resp: 3474
Ion Ratio Lower Upper
153 100
152 54.5 41.3 61.9
154 87.6 68.2 102.4





#12

Fluorene

Concen: 0.302 ng/ul

RT: 15.185 min Scan# 2

Delta R.T. 0.005 min

Lab File: BM046222.D

Acq: 23 Jun 2024 06:33

Instrument :

BNA_M

ClientSampleId :

SLCS447

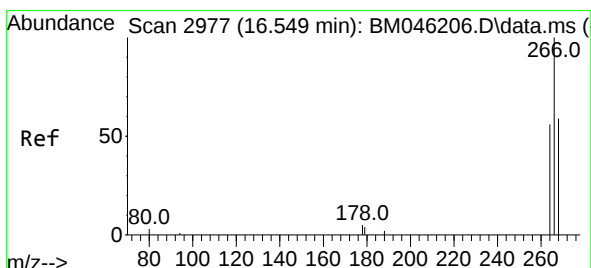
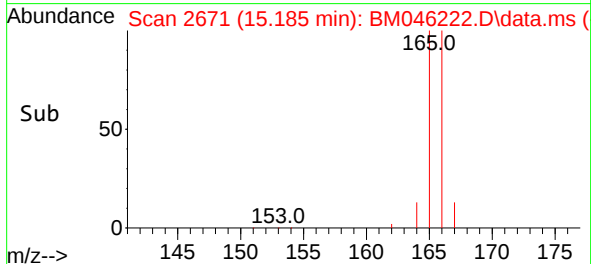
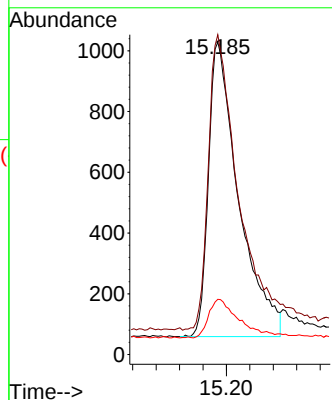
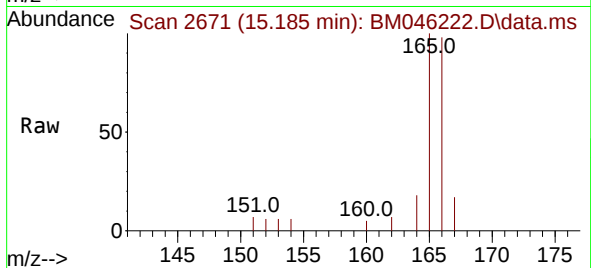
Tgt Ion:166 Resp: 3459

Ion Ratio Lower Upper

166 100

165 102.3 80.4 120.6

167 17.7 12.4 18.6



#14

Pentachlorophenol

Concen: 0.517 ng/ul

RT: 16.553 min Scan# 2978

Delta R.T. -0.013 min

Lab File: BM046222.D

Acq: 23 Jun 2024 06:33

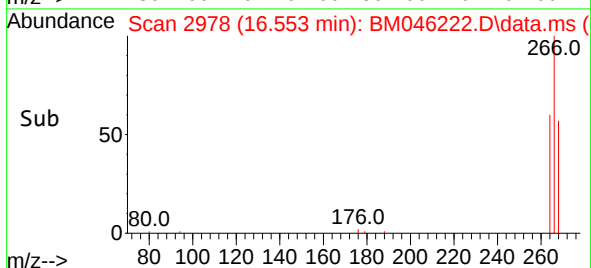
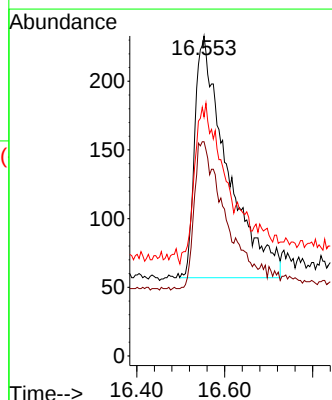
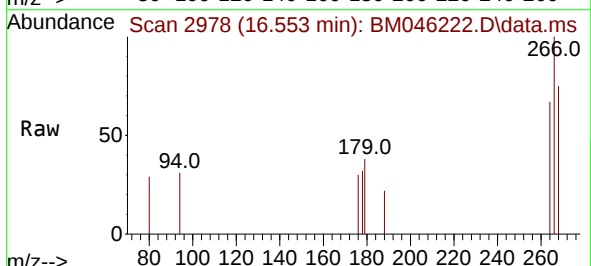
Tgt Ion:266 Resp: 898

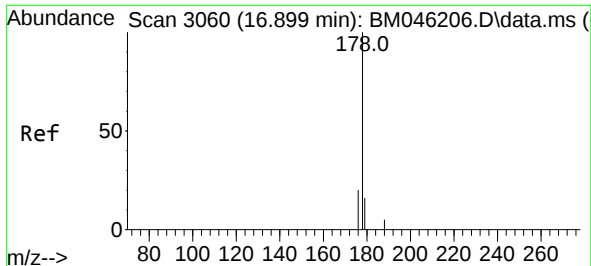
Ion Ratio Lower Upper

266 100

264 63.3 50.9 76.3

268 77.4 52.3 78.5

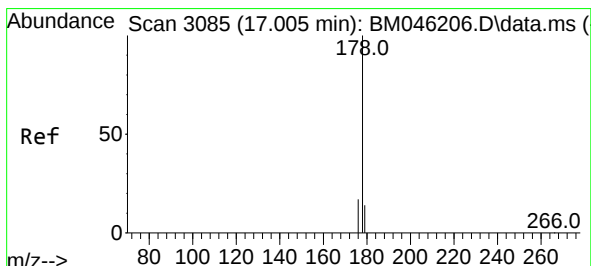
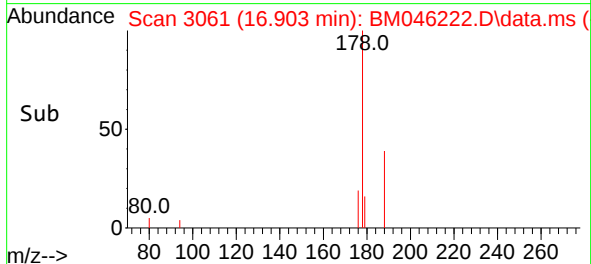
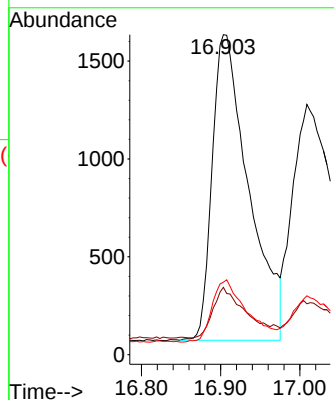
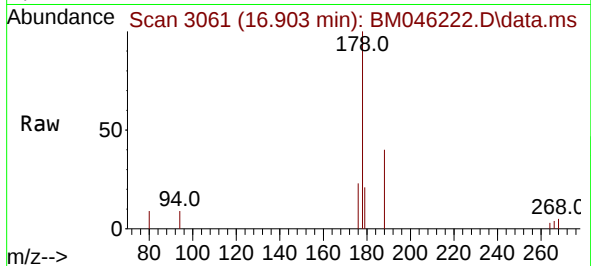




#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 16.903 min Scan# 3061
Delta R.T. -0.000 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

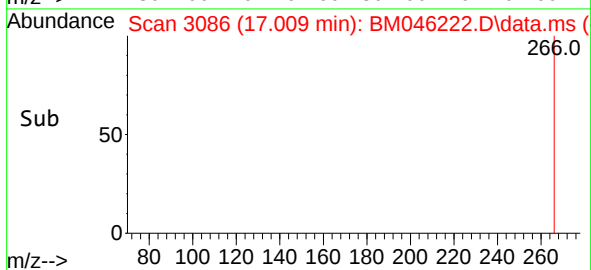
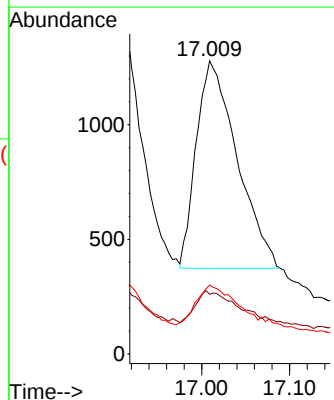
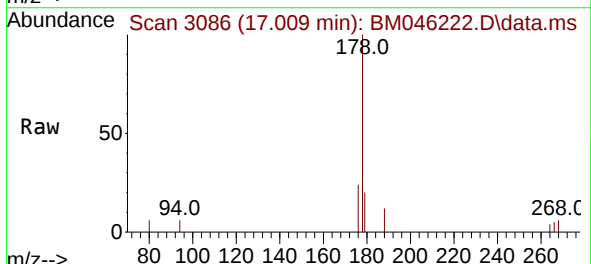
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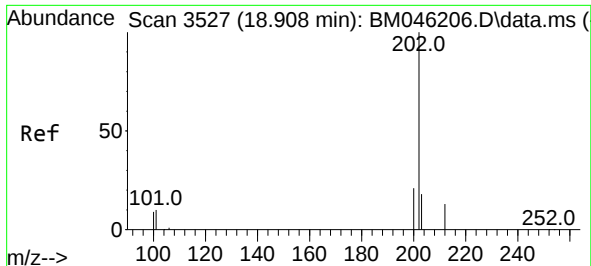
Tgt Ion:178 Resp: 4994
Ion Ratio Lower Upper
178 100
179 21.0 14.2 21.2
176 22.6 17.1 25.7



#16
Anthracene
Concen: 0.240 ng/ul
RT: 17.009 min Scan# 3086
Delta R.T. 0.004 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:178 Resp: 2912
Ion Ratio Lower Upper
178 100
179 20.3 14.9 22.3
176 23.5 17.0 25.4

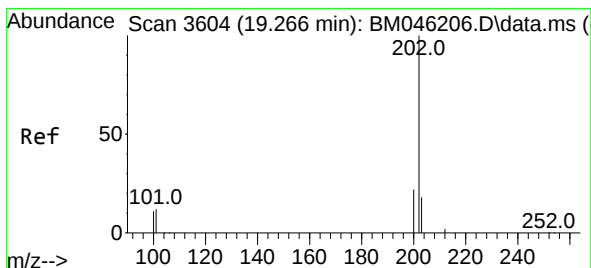
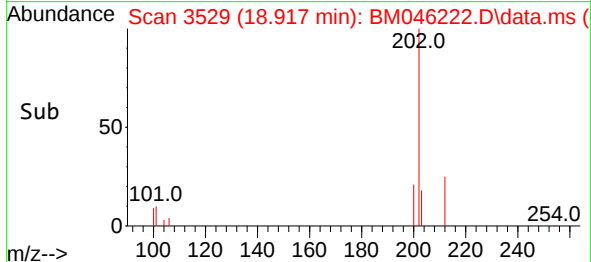
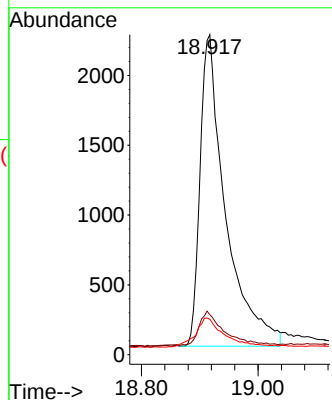
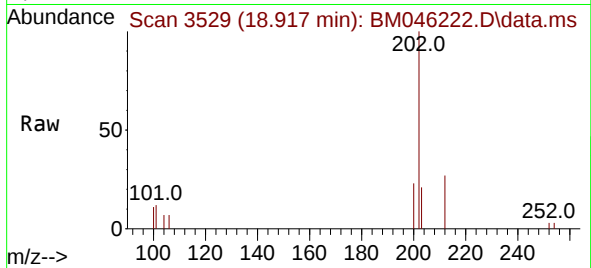




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 18.917 min Scan# 3529
Delta R.T. -0.000 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

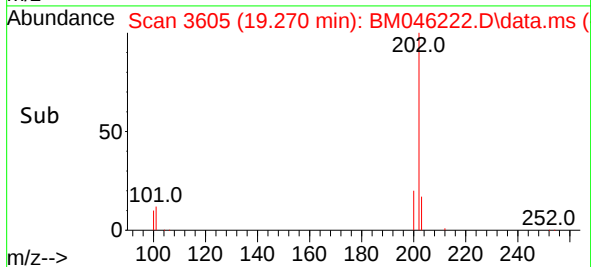
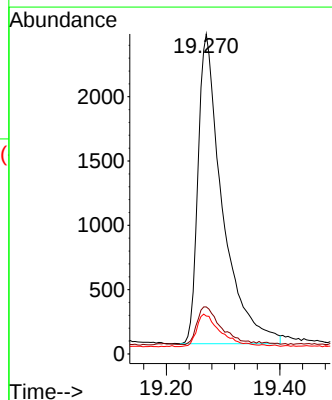
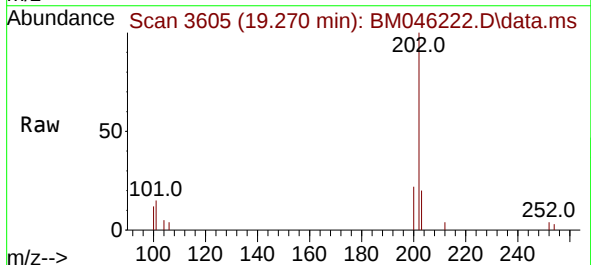
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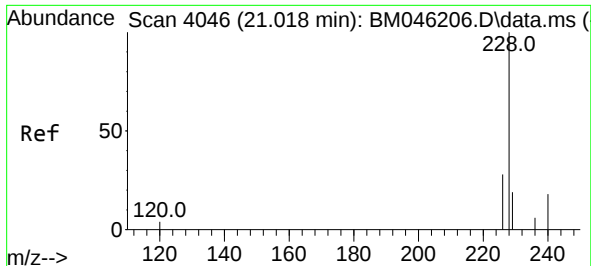
Tgt Ion:202 Resp: 6771
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
100 11.1 7.6 11.4



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. -0.005 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:202 Resp: 7159
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.8 14.6

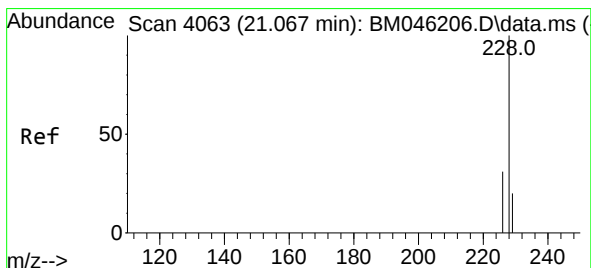
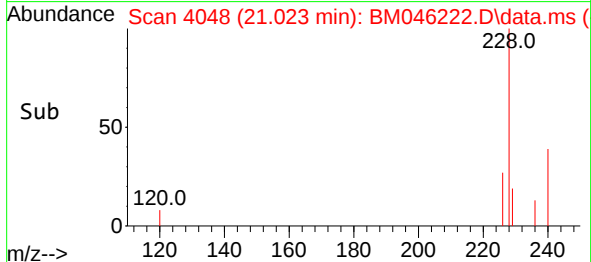
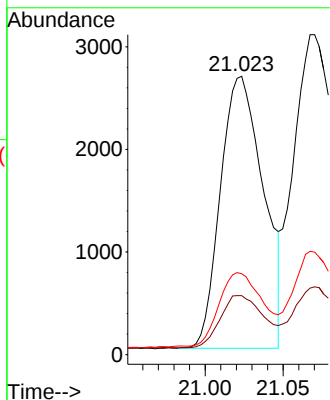
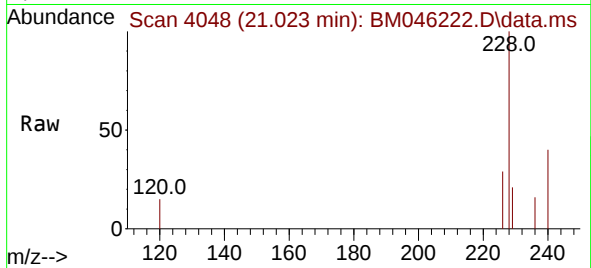




#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.023 min Scan# 4046
Delta R.T. -0.006 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

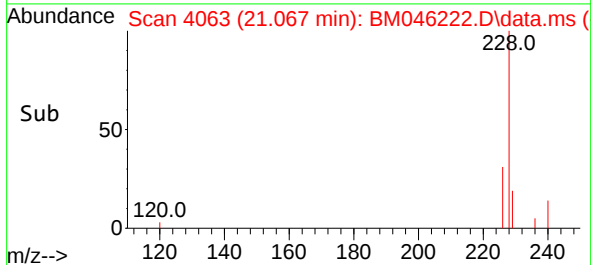
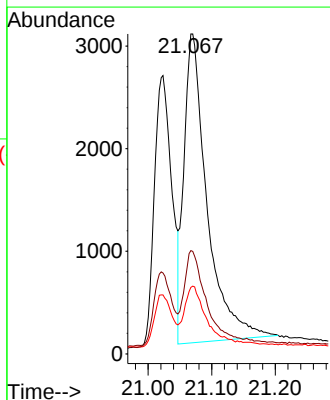
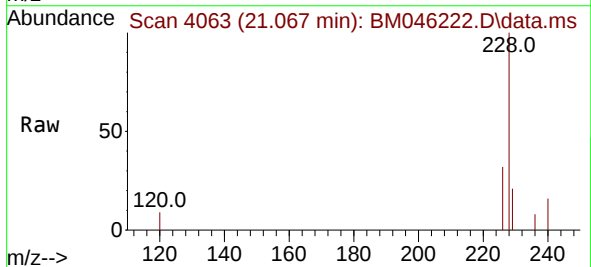
Instrument :
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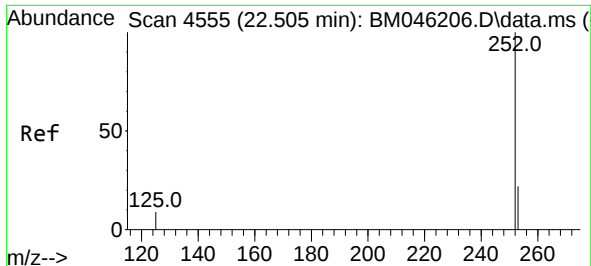
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Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.1 23.4 35.2



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. -0.009 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:228 Resp: 7594
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 20.8 16.3 24.5

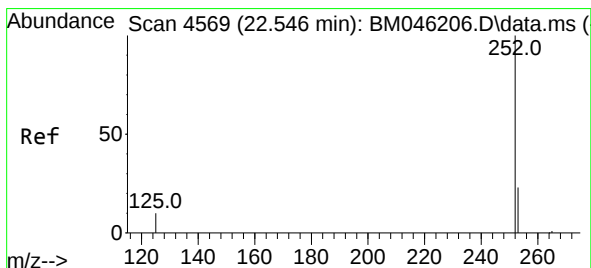
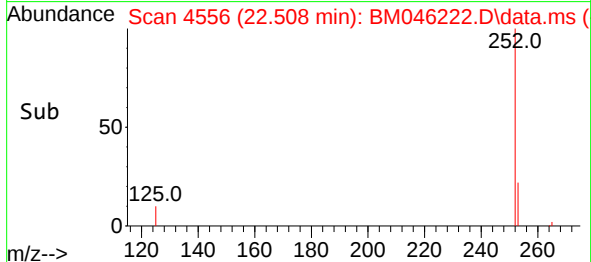
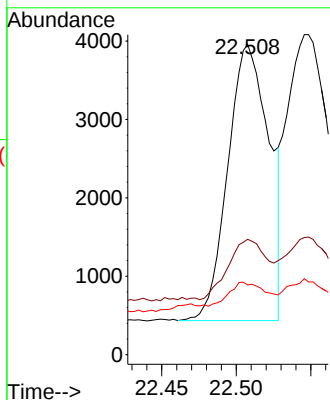
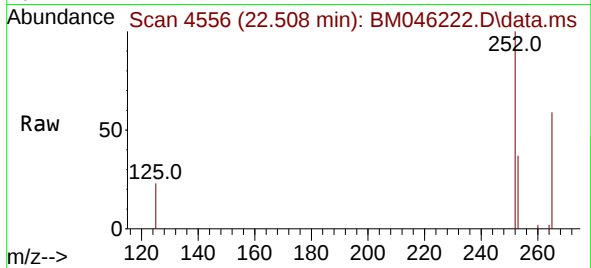




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 22.508 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

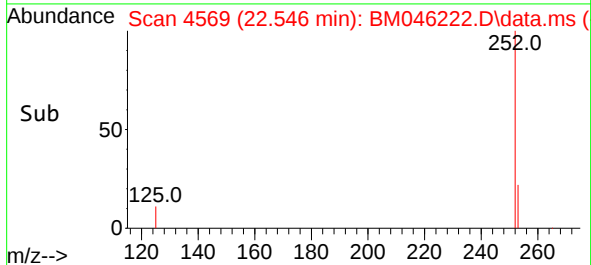
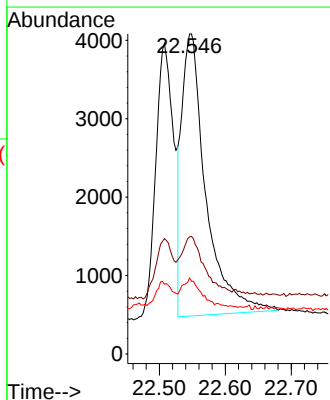
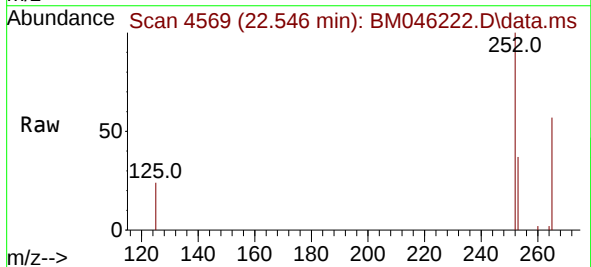
Instrument :
BNA_M
ClientSampleId :
SLCS447

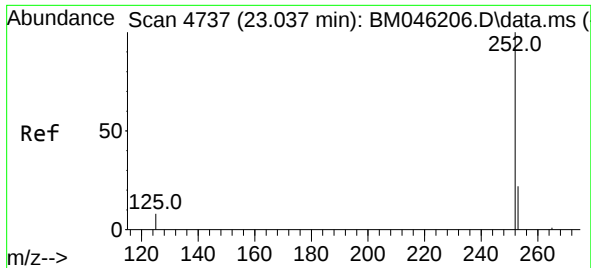
Tgt Ion:252 Resp: 6787
Ion Ratio Lower Upper
252 100
253 37.2 0.0 65.8
125 22.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 22.546 min Scan# 4569
Delta R.T. -0.018 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:252 Resp: 9138
Ion Ratio Lower Upper
252 100
253 36.6 27.2 40.8
125 23.7 16.6 25.0

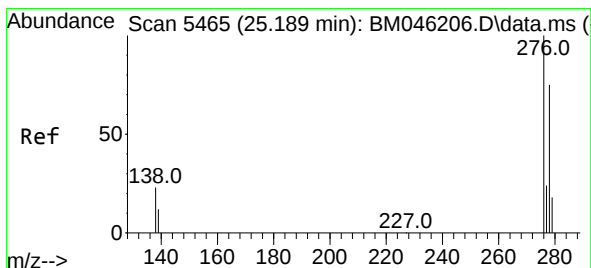
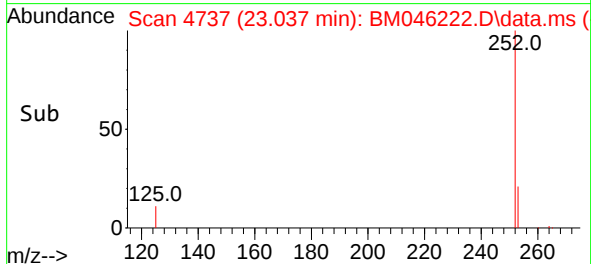
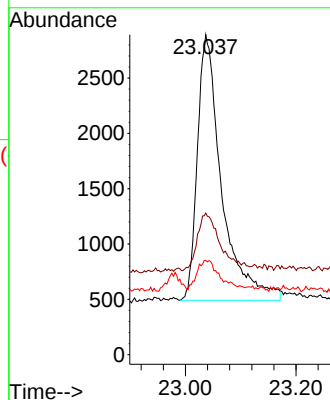
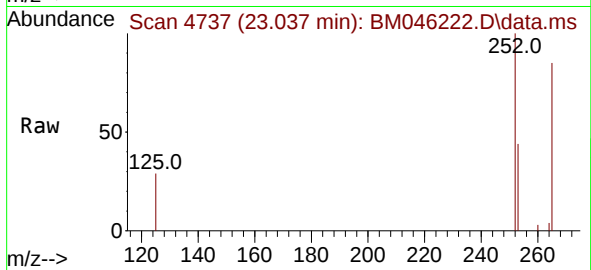




#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.037 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

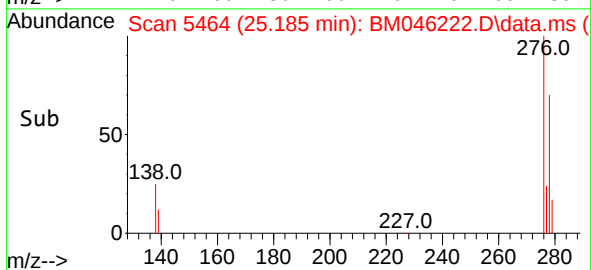
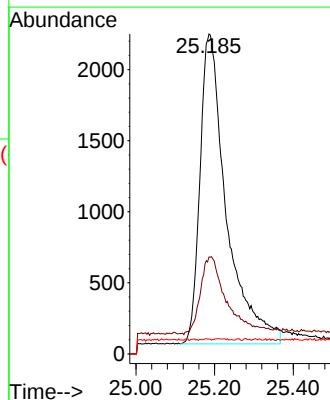
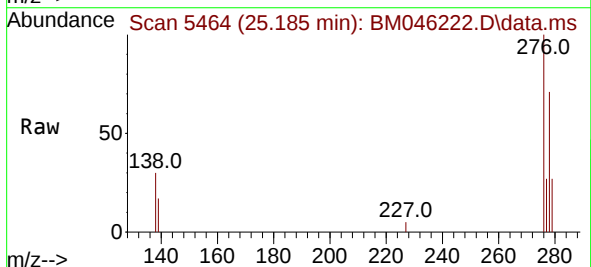
Instrument :
BNA_M
ClientSampleId :
SLCS447

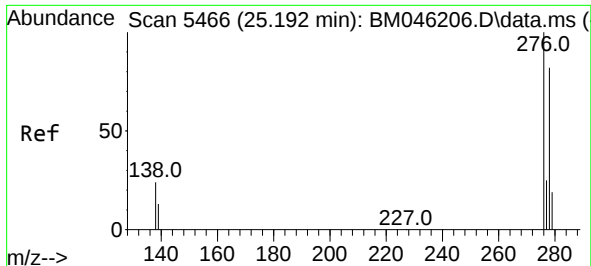
Tgt Ion:	252	Resp:	7289
Ion Ratio	Lower	Upper	
252	100		
253	44.3	32.1	48.1
125	29.4	21.2	31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:	276	Resp:	10149
Ion Ratio	Lower	Upper	
276	100		
138	25.5	21.0	31.4
227	0.1	0.0	0.0#

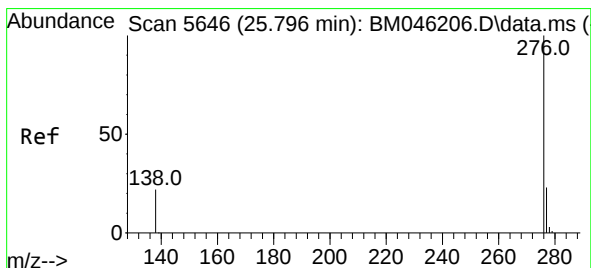
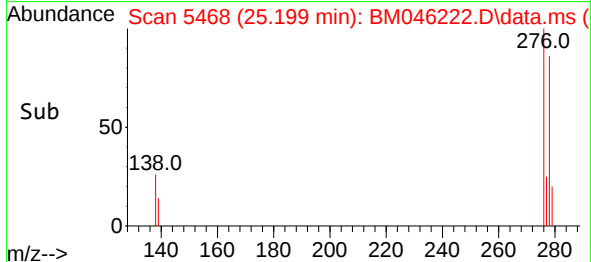
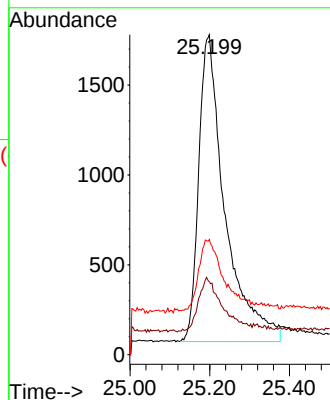
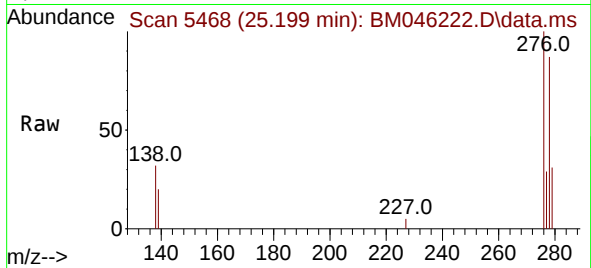




#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 25.199 min Scan# 5468
Delta R.T. -0.017 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Instrument :
BNA_M
ClientSampleId :
SLCS447

Tgt Ion:278 Resp: 7808
Ion Ratio Lower Upper
278 100
139 22.8 17.6 26.4
279 36.0 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 25.803 min Scan# 5648
Delta R.T. -0.027 min
Lab File: BM046222.D
Acq: 23 Jun 2024 06:33

Tgt Ion:276 Resp: 8916
Ion Ratio Lower Upper
276 100
138 28.2 21.7 32.5
277 27.8 20.4 30.6

