

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037222.D
 Acq On : 25 Oct 2022 11:17
 Operator : CG/JU
 Sample : PB148455BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS455

Quant Time: Oct 26 07:31:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

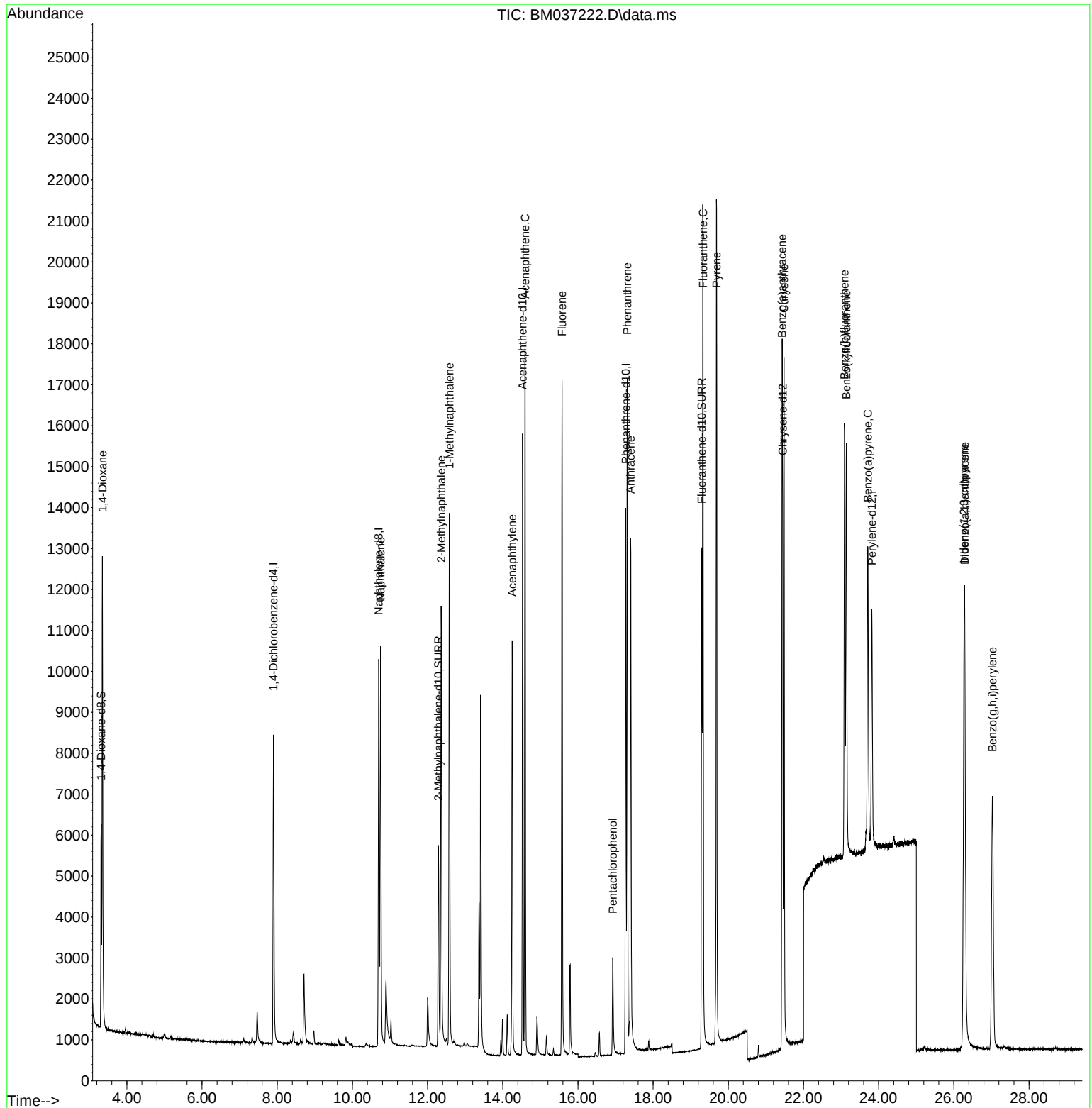
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	4336	0.400	ng/u1	0.00
4) Naphthalene-d8	10.699	136	13756	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.529	164	7879	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	16271	0.400	ng/u1	0.00
17) Chrysene-d12	21.447	240	9799	0.400	ng/u1	0.00
23) Perylene-d12	23.817	264	8311	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3273	0.619	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7258	0.371	ng/u1	0.00
18) Fluoranthene-d10	19.294	212	13836	0.467	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	7938	1.445	ng/u1	91
5) Naphthalene	10.749	128	13695	0.336	ng/u1	100
7) 2-Methylnaphthalene	12.360	142	8613	0.353	ng/u1	97
8) 1-Methylnaphthalene	12.580	142	9209	0.370	ng/u1	100
10) Acenaphthylene	14.251	152	11794	0.348	ng/u1	99
11) Acenaphthene	14.594	153	9863	0.322	ng/u1	98
12) Fluorene	15.574	166	11117	0.311	ng/u1	100
14) Pentachlorophenol	16.925	266	2071	0.526	ng/u1	99
15) Phenanthrene	17.313	178	17803	0.324	ng/u1	99
16) Anthracene	17.402	178	14814	0.341	ng/u1	99
19) Fluoranthene	19.326	202	18740	0.440	ng/u1	96
20) Pyrene	19.689	202	18774	0.435	ng/u1	98
21) Benzo(a)anthracene	21.429	228	13489	0.355	ng/u1	99
22) Chrysene	21.482	228	14680	0.336	ng/u1	99
24) Benzo(b)fluoranthene	23.092	252	14451	0.328	ng/u1	96
25) Benzo(k)fluoranthene	23.139	252	13398	0.315	ng/u1	96
26) Benzo(a)pyrene	23.709	252	11894	0.336	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	26.272	276	16471	0.334	ng/u1	94
28) Dibenzo(a,h)anthracene	26.289	278	13053	0.335	ng/u1	97
29) Benzo(g,h,i)perylene	27.027	276	14340	0.330	ng/u1	97

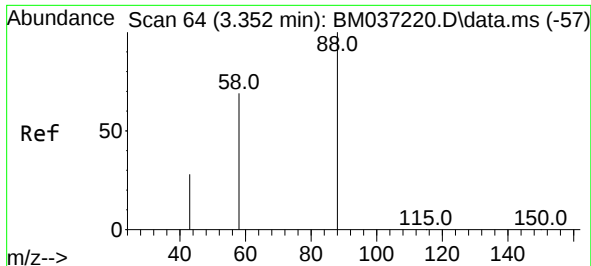
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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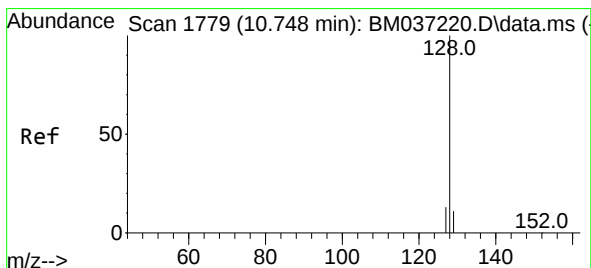
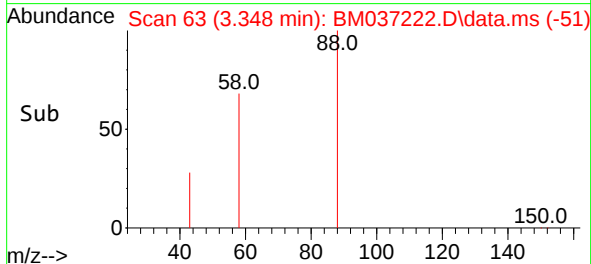
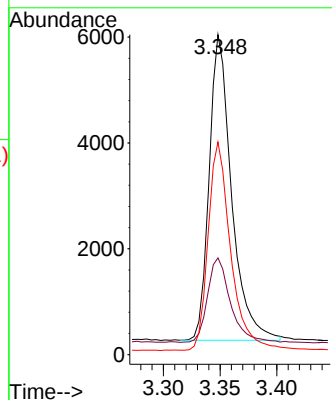
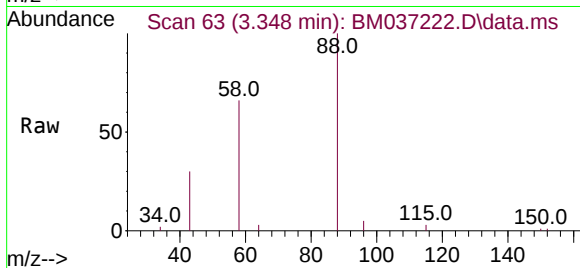




#2
1,4-Dioxane
Concen: 1.445 ng/ul
RT: 3.348 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

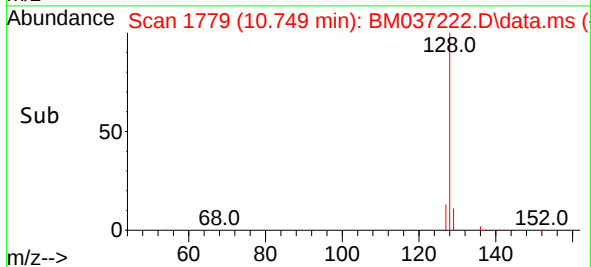
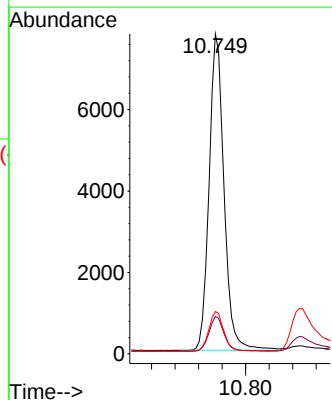
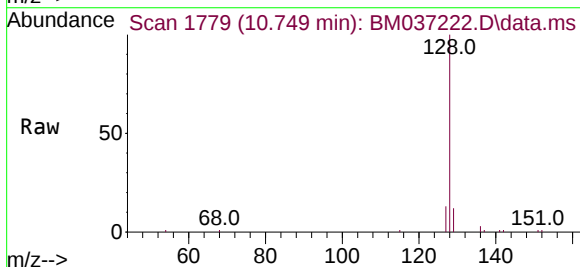
Instrument :
BNA_M
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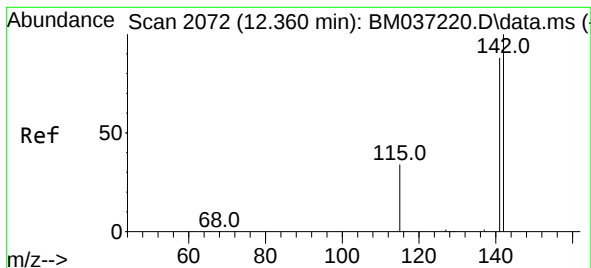
Tgt Ion: 88 Resp: 7938
Ion Ratio Lower Upper
88 100
43 30.2 25.5 38.3
58 66.5 45.8 68.6



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion: 128 Resp: 13695
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.2 10.5 15.7

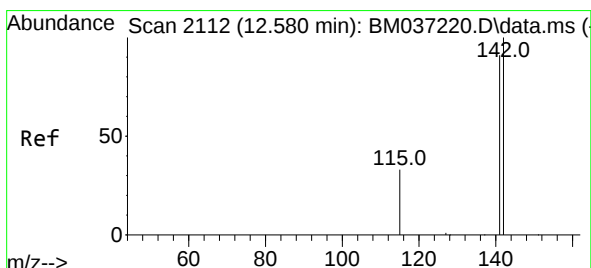
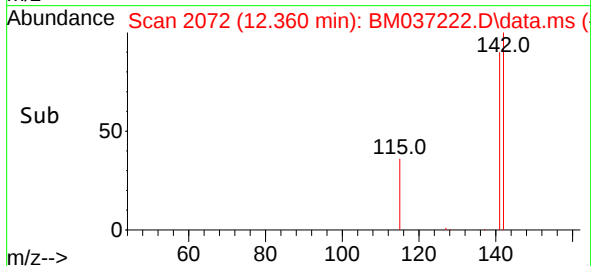
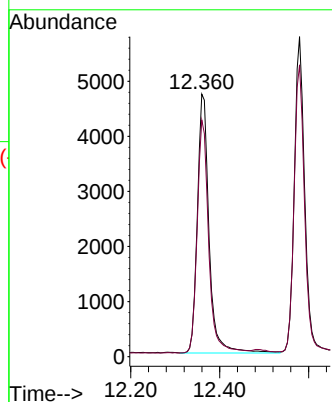
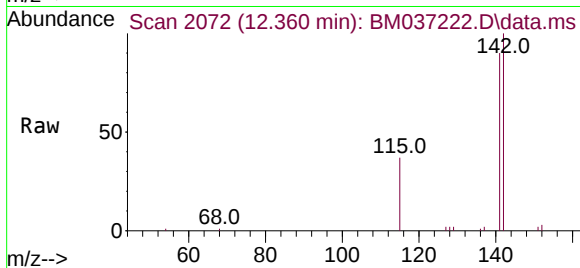




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

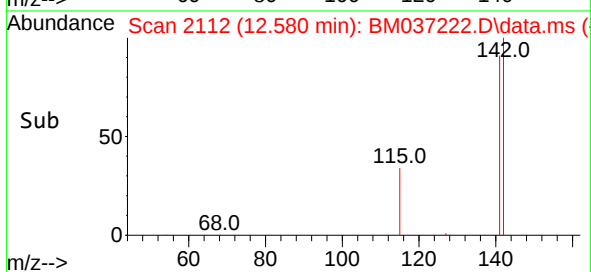
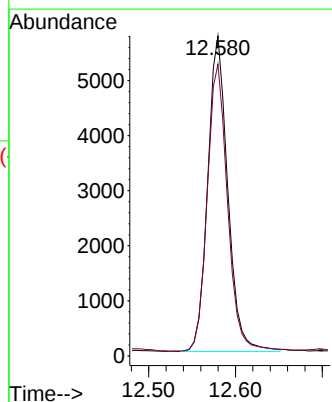
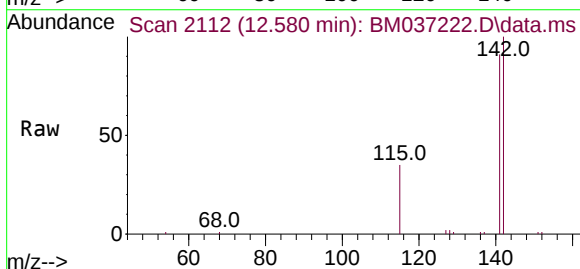
Instrument :
BNA_M
ClientSampleId :
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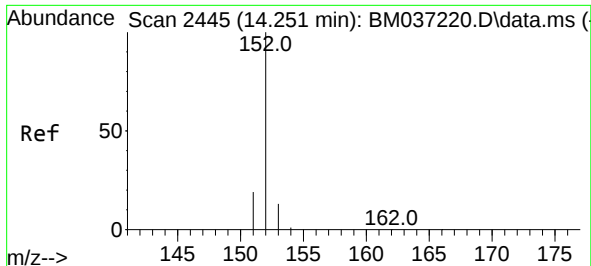
Tgt Ion:142 Resp: 8613
Ion Ratio Lower Upper
142 100
141 87.9 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:142 Resp: 9209
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4

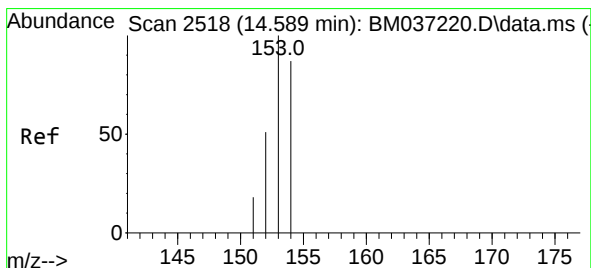
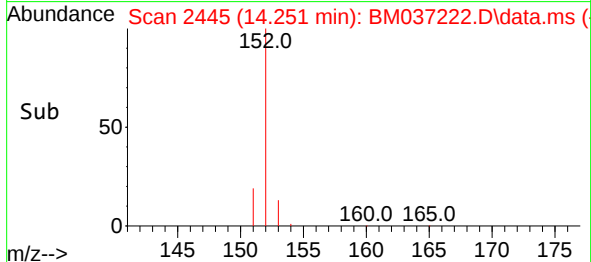
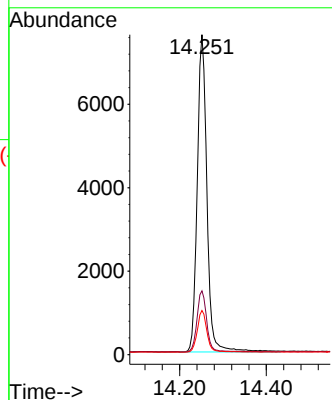
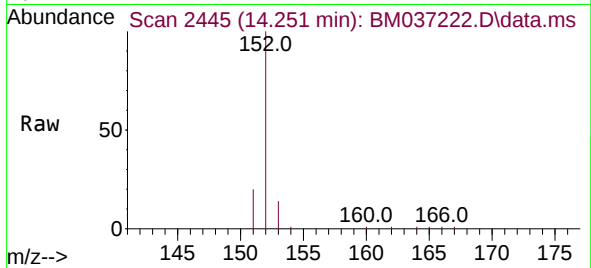




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

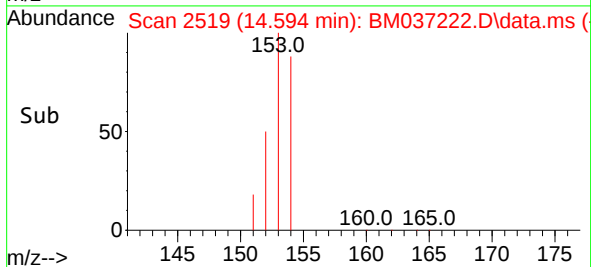
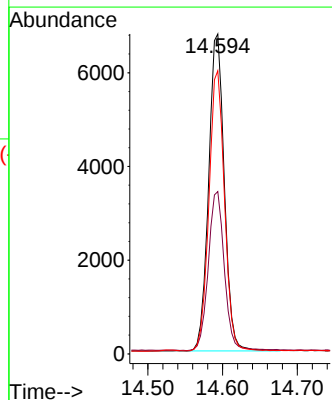
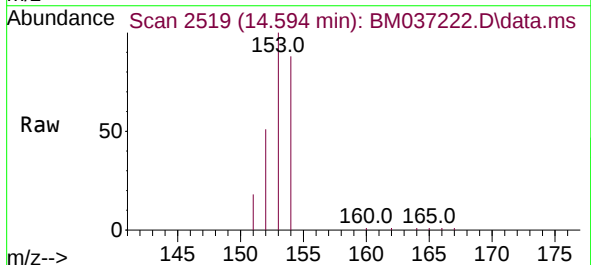
Instrument :
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ClientSampleId :
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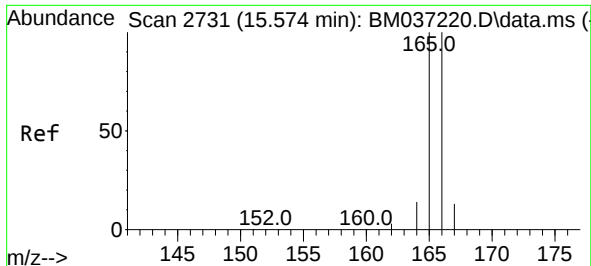
Tgt Ion:152 Resp: 11794
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:153 Resp: 9863
Ion Ratio Lower Upper
153 100
152 50.7 43.3 64.9
154 88.5 70.0 105.0

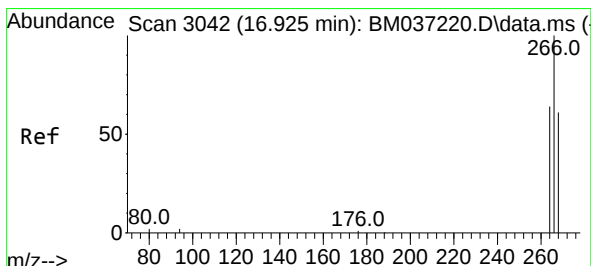
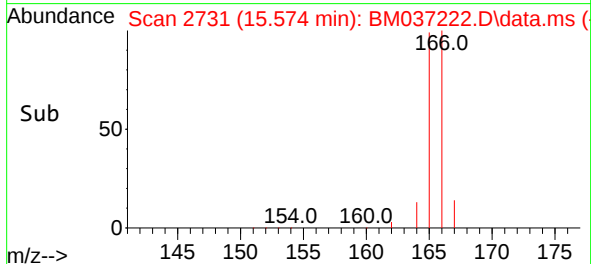
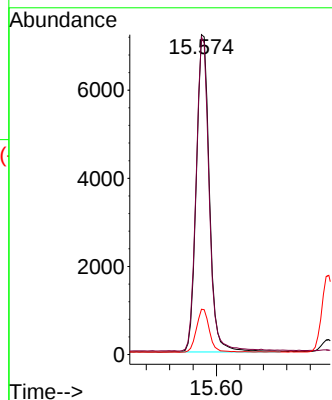
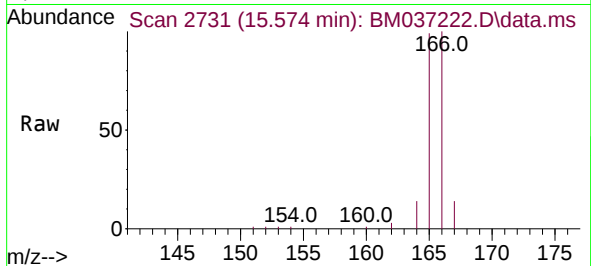




#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.574 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

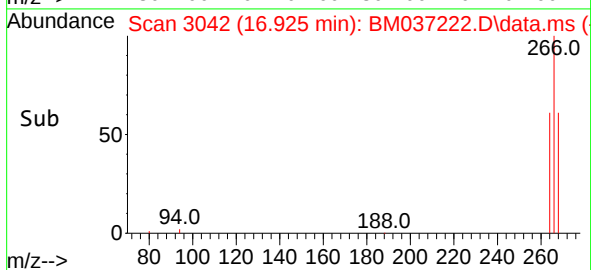
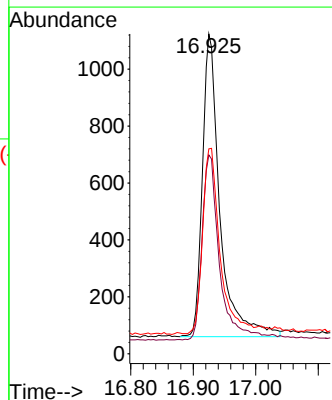
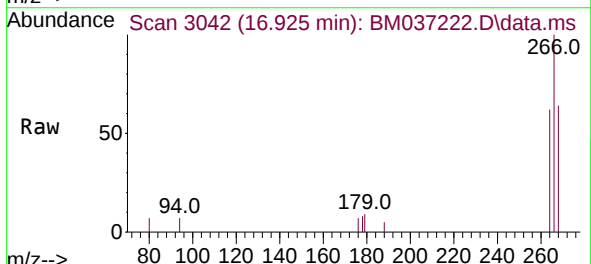
Instrument :
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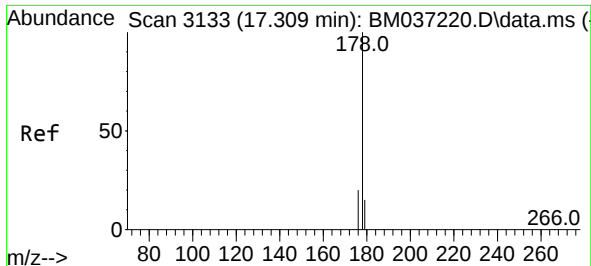
Tgt Ion:166 Resp: 11117
Ion Ratio Lower Upper
166 100
165 99.2 79.4 119.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.526 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:266 Resp: 2071
Ion Ratio Lower Upper
266 100
264 61.3 49.4 74.0
268 62.3 50.5 75.7

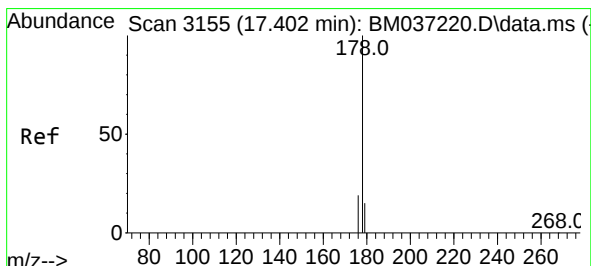
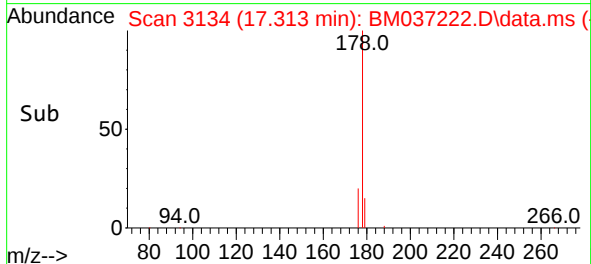
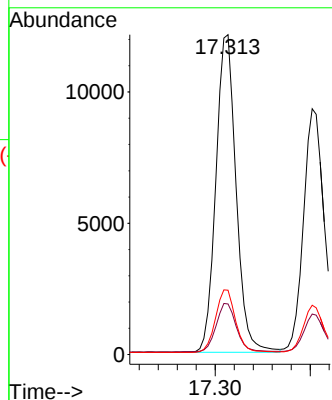
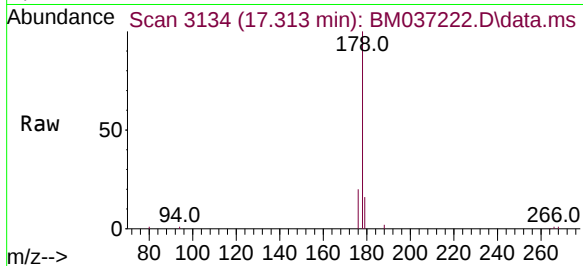




#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.313 min Scan# 3133
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

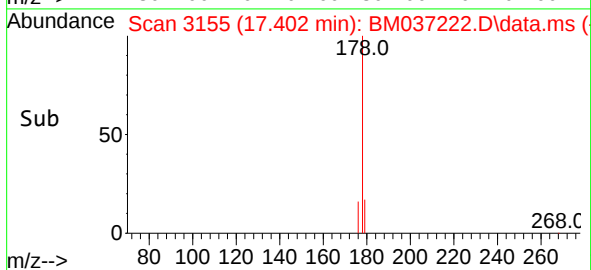
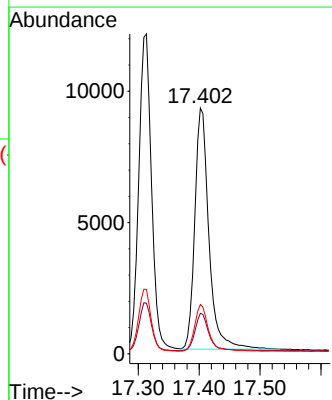
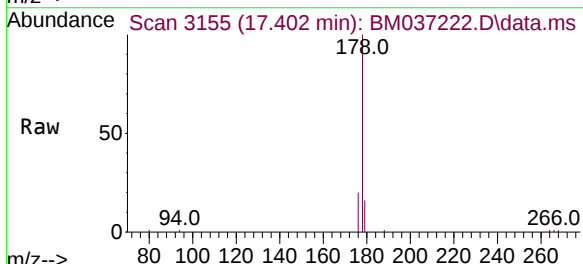
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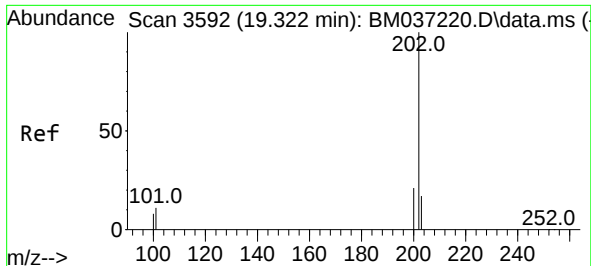
Tgt Ion:178 Resp: 17803
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 20.1 16.1 24.1



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:178 Resp: 14814
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 20.1 15.3 22.9

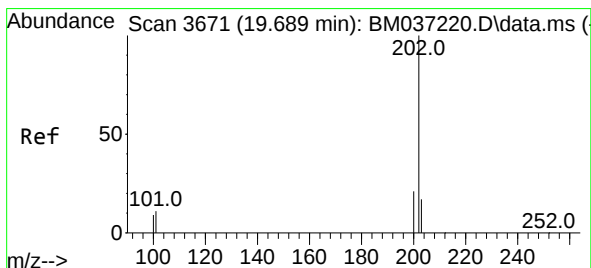
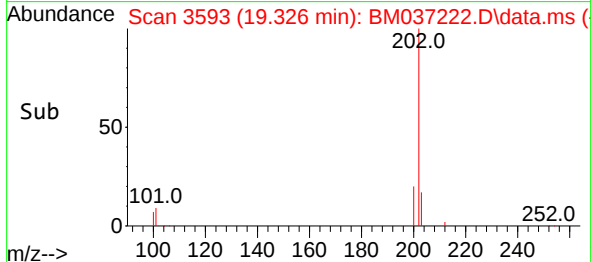
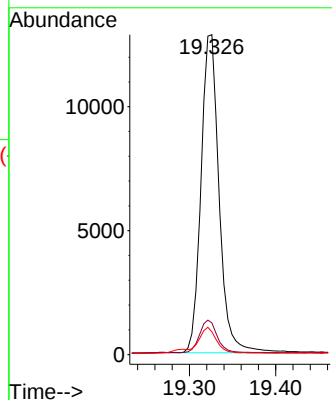
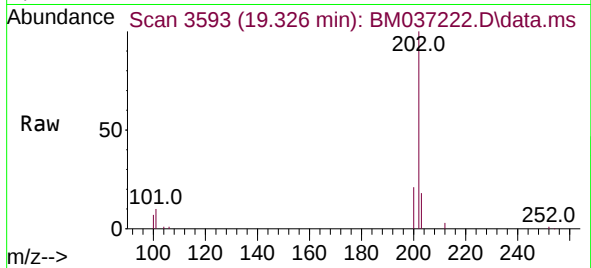




#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

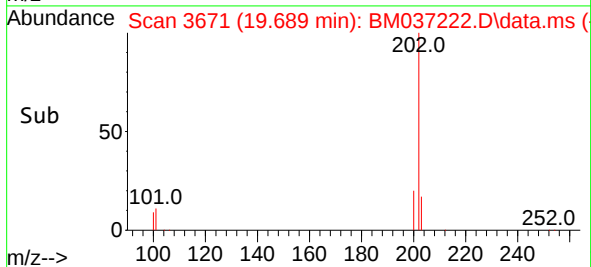
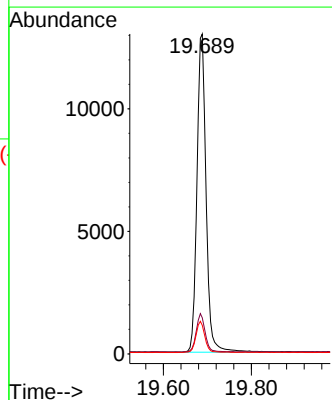
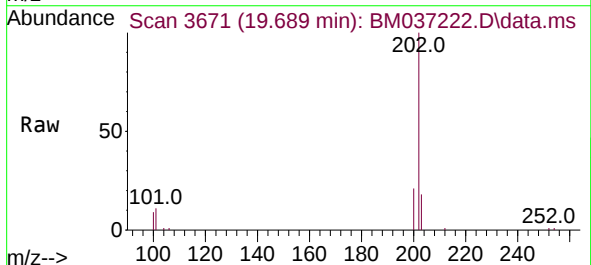
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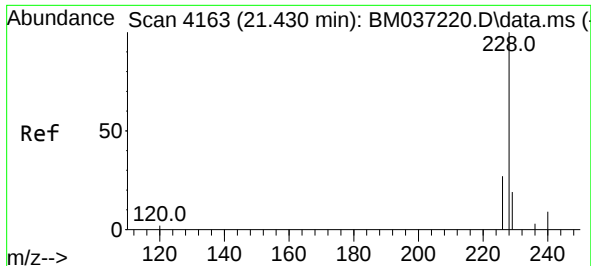
Tgt Ion:202 Resp: 18740
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 7.1 6.9 10.3



#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:202 Resp: 18774
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.9 7.8 11.8

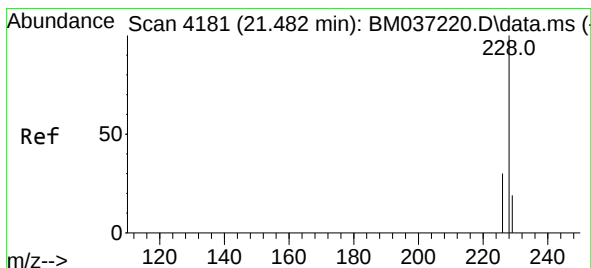
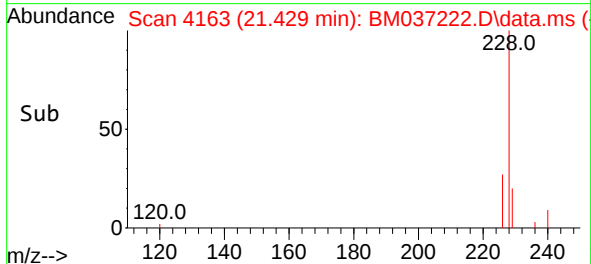
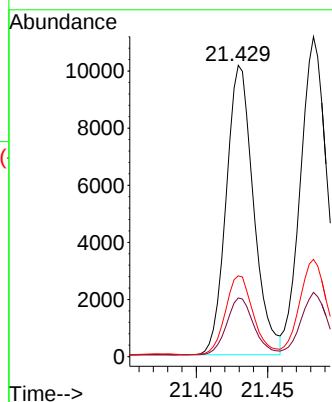
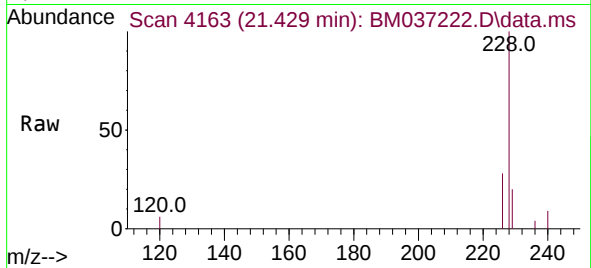




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

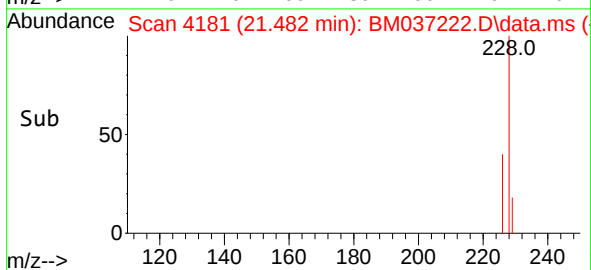
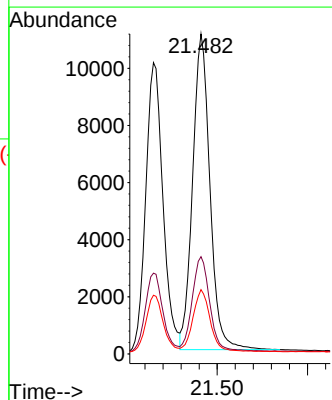
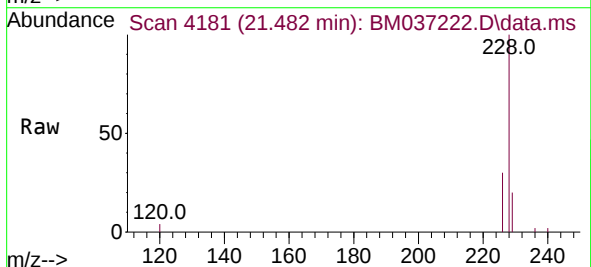
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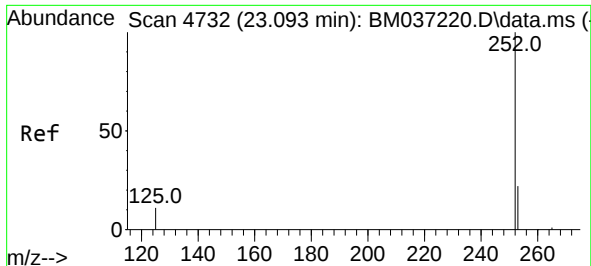
Tgt Ion:228 Resp: 13489
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 27.7 21.8 32.8



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:228 Resp: 14680
Ion Ratio Lower Upper
228 100
226 30.4 24.8 37.2
229 20.1 16.0 24.0

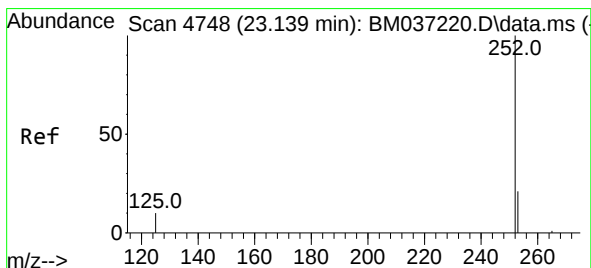
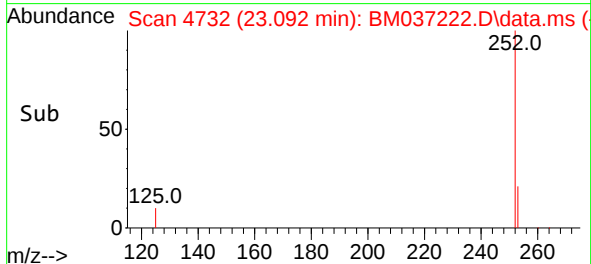
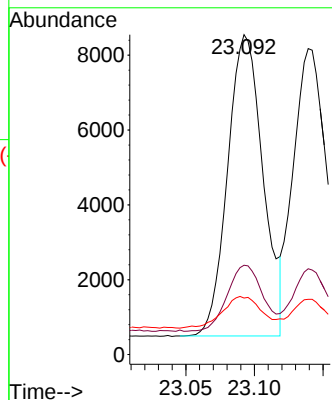
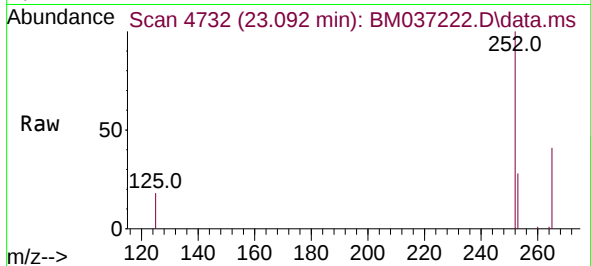




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

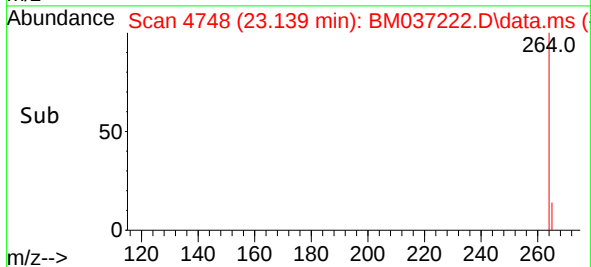
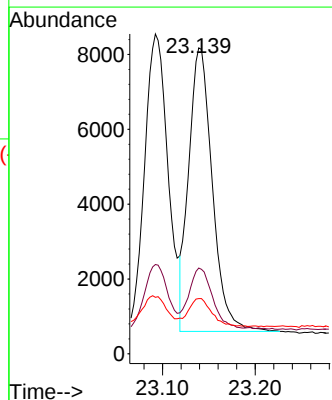
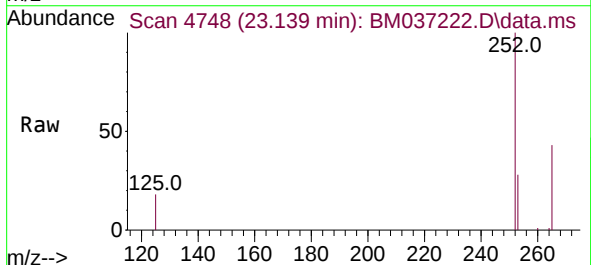
Instrument :
BNA_M
ClientSampleId :
SLCS455

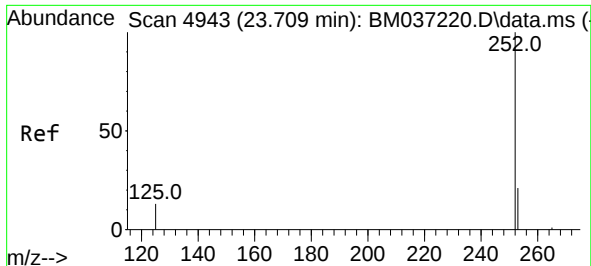
Tgt Ion:252	Resp:	14451
Ion Ratio	Lower	Upper
252	100	
253	27.9	0.0 50.6
125	17.7	0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:252	Resp:	13398
Ion Ratio	Lower	Upper
252	100	
253	28.1	20.6 30.8
125	18.1	13.3 19.9

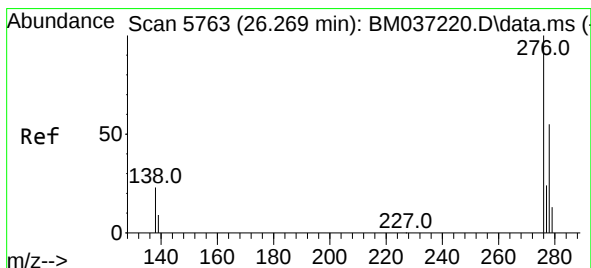
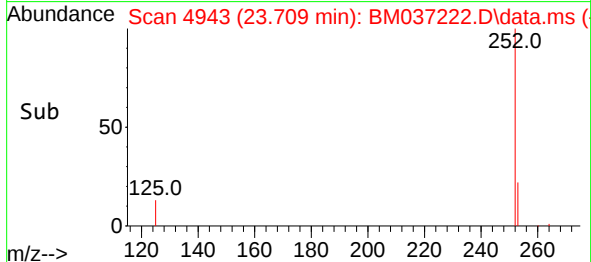
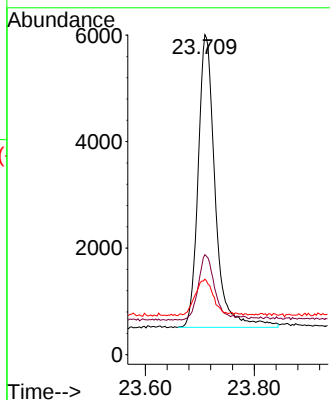
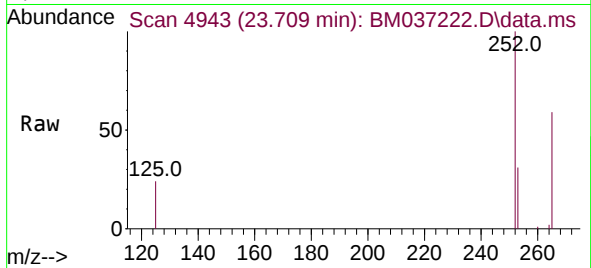




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

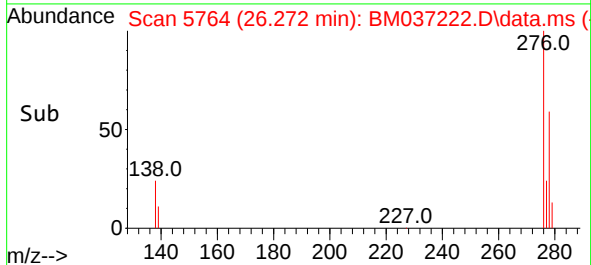
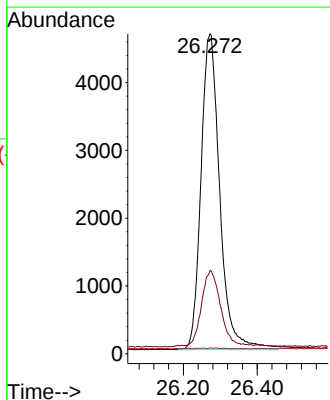
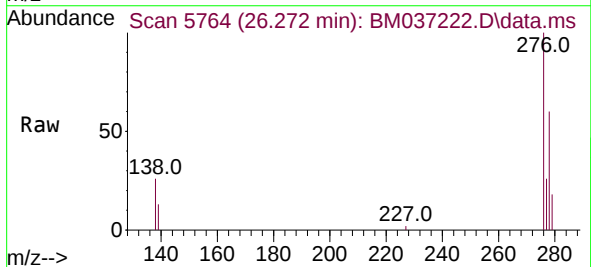
Instrument :
BNA_M
ClientSampleId :
SLCS455

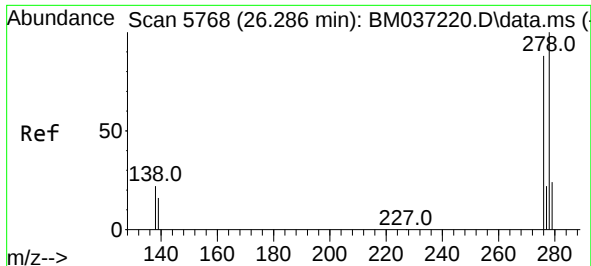
Tgt Ion:252	Resp:	11894
Ion Ratio	Lower	Upper
252	100	
253	31.2	22.1 33.1
125	23.6	17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:276	Resp:	16471
Ion Ratio	Lower	Upper
276	100	
138	23.8	21.4 32.0
227	0.1	0.1 0.1

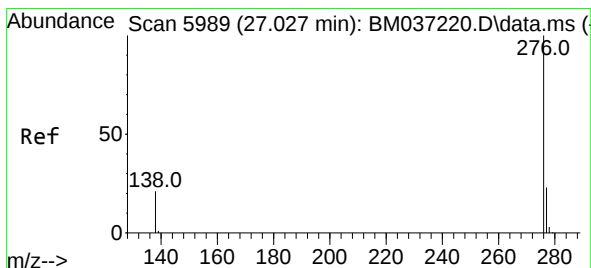
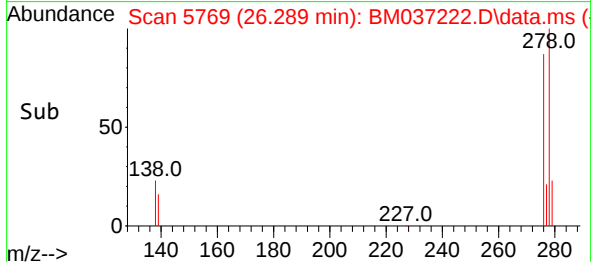
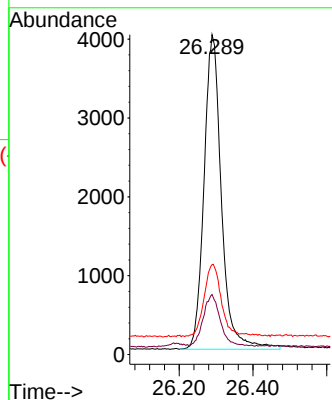
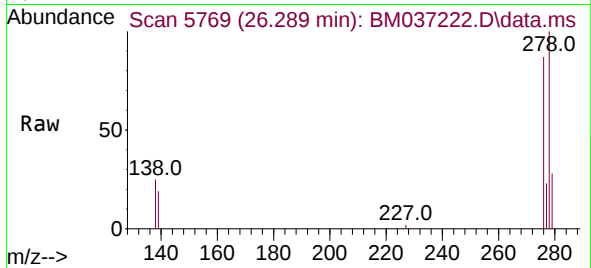




#28
 Dibenzo(a,h)anthracene
 Concen: 0.335 ng/ul
 RT: 26.289 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM037222.D
 Acq: 25 Oct 2022 11:17

Instrument :
 BNA_M
 ClientSampleId :
 SLCS455

Tgt Ion:278 Resp: 13053
 Ion Ratio Lower Upper
 278 100
 139 18.8 16.3 24.5
 279 28.1 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.330 ng/ul
 RT: 27.027 min Scan# 5989
 Delta R.T. 0.001 min
 Lab File: BM037222.D
 Acq: 25 Oct 2022 11:17

Tgt Ion:276 Resp: 14340
 Ion Ratio Lower Upper
 276 100
 138 22.7 19.8 29.8
 277 25.6 20.1 30.1

