

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037138.D
 Acq On : 18 Oct 2022 07:11
 Operator : CG/JU
 Sample : PB148270BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS270

Quant Time: Oct 18 07:55:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

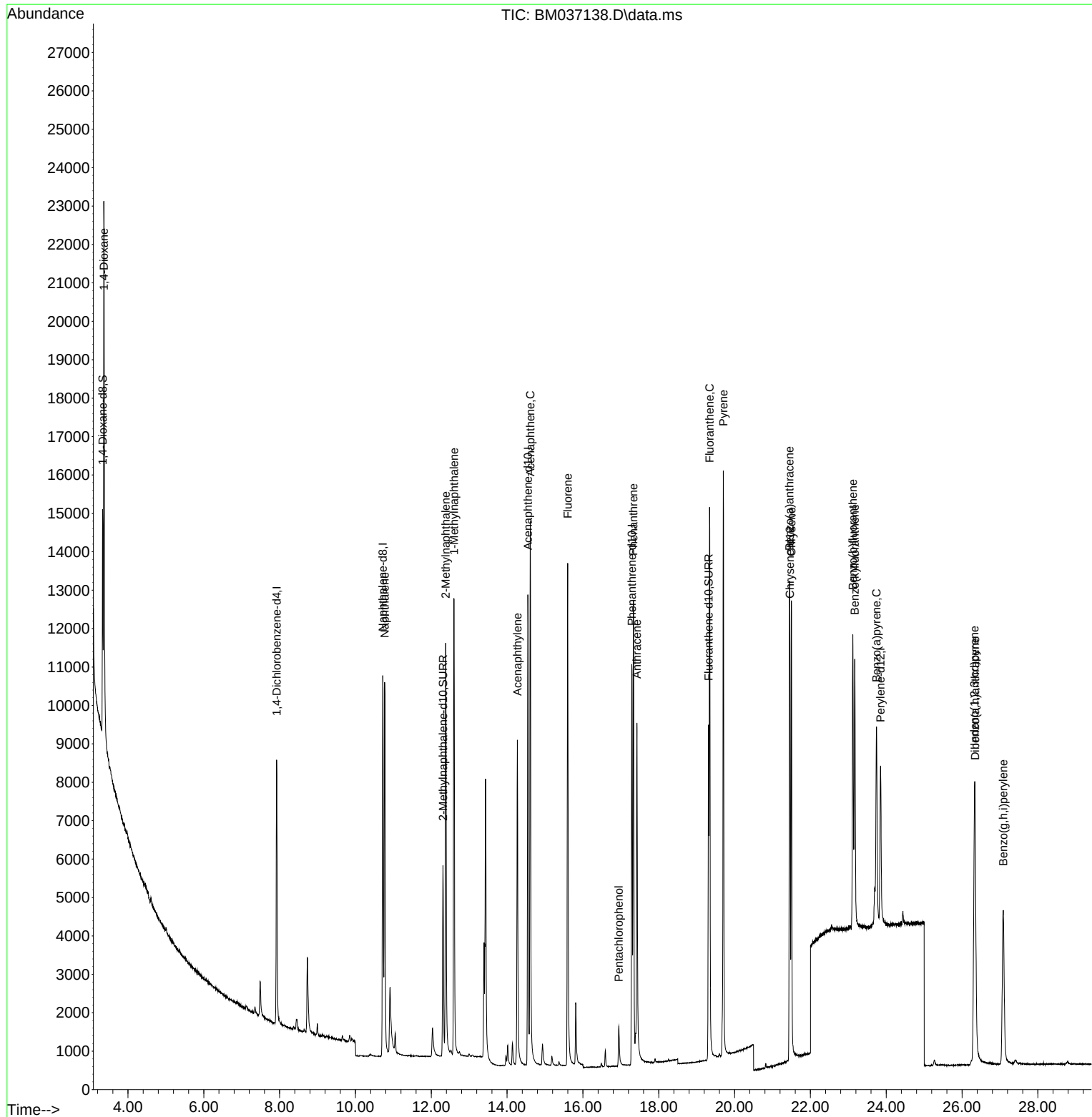
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	3844	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	14186	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.548	164	7134	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	12931	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	7733	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	6186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3923	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7342	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	9850	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	9431	1.780	ng/ul#	78
5) Naphthalene	10.770	128	14068	0.347	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	8450	0.341	ng/ul	93
8) 1-Methylnaphthalene	12.602	142	8941	0.355	ng/ul	100
10) Acenaphthylene	14.270	152	11074	0.373	ng/ul	99
11) Acenaphthene	14.613	153	8932	0.347	ng/ul	99
12) Fluorene	15.598	166	9462	0.325	ng/ul	98
14) Pentachlorophenol	16.947	266	969	0.310	ng/ul	98
15) Phenanthrene	17.331	178	13918	0.337	ng/ul	99
16) Anthracene	17.424	178	11452	0.332	ng/ul	99
19) Fluoranthene	19.341	202	12799	0.416	ng/ul	96
20) Pyrene	19.704	202	12853	0.401	ng/ul	96
21) Benzo(a)anthracene	21.449	228	9625	0.344	ng/ul	99
22) Chrysene	21.499	228	10500	0.350	ng/ul	99
24) Benzo(b)fluoranthene	23.121	252	10410	0.377	ng/ul	93
25) Benzo(k)fluoranthene	23.171	252	9600	0.357	ng/ul	94
26) Benzo(a)pyrene	23.744	252	8405	0.375	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.329	276	11003	0.346	ng/ul	95
28) Dibenzo(a,h)anthracene	26.345	278	8575	0.334	ng/ul	94
29) Benzo(g,h,i)perylene	27.090	276	9672	0.346	ng/ul	97

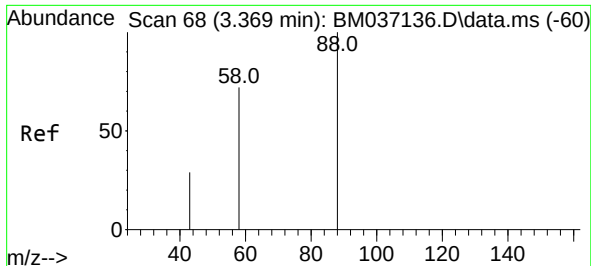
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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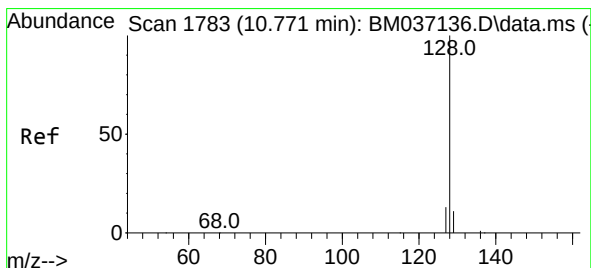
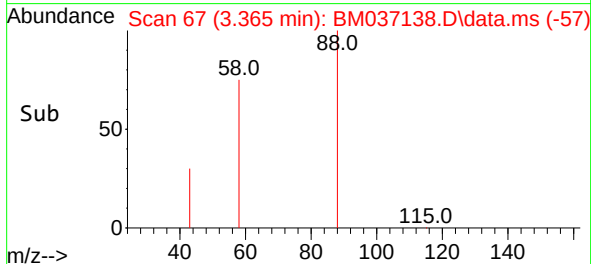
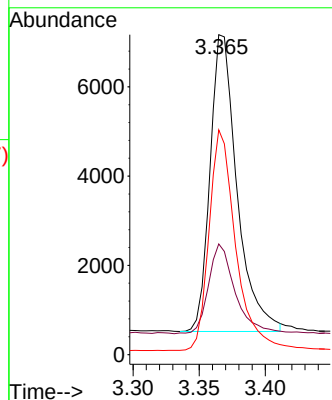
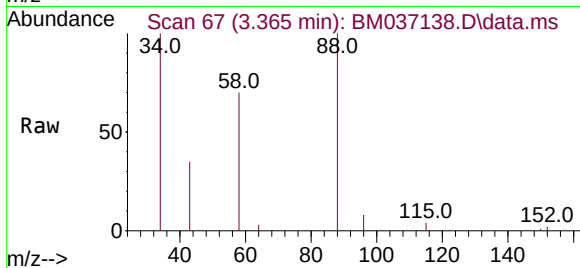




#2
1,4-Dioxane
Concen: 1.780 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.008 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

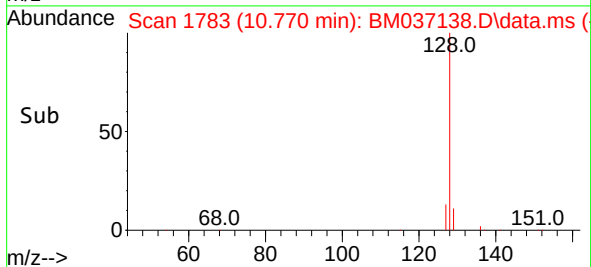
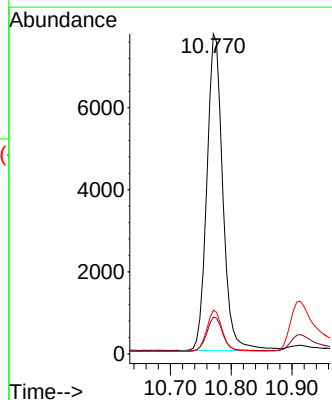
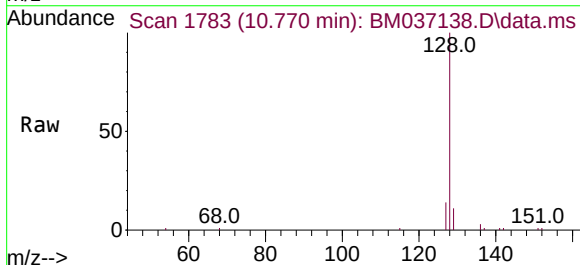
Instrument :
BNA_M
ClientSampleId :
SLCS270

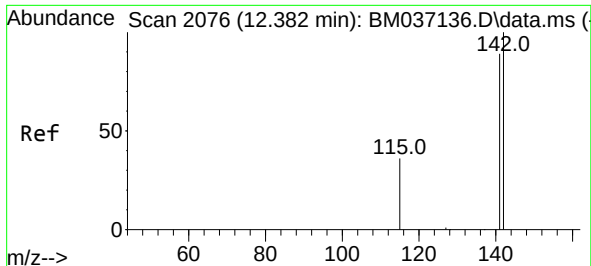
Tgt Ion: 88 Resp: 9431
Ion Ratio Lower Upper
88 100
43 34.6 37.8 56.6#
58 70.2 42.6 63.8#



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion: 128 Resp: 14068
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.7 11.7 17.5

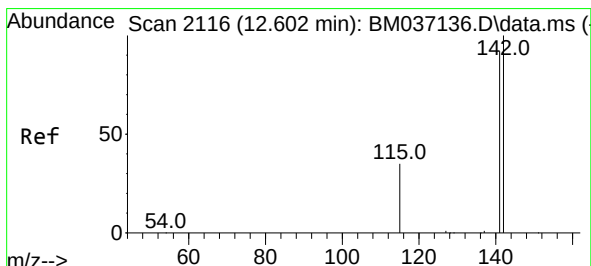
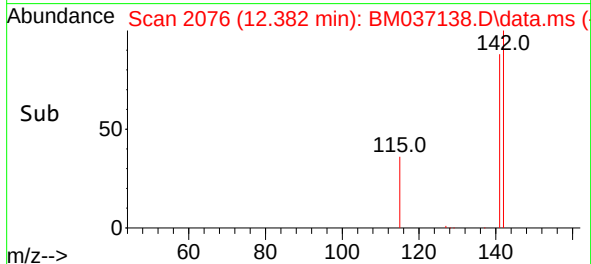
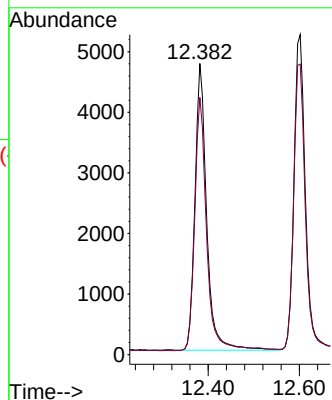
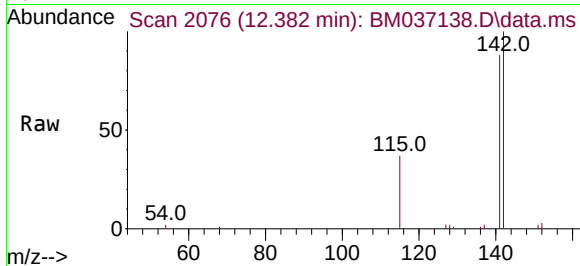




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

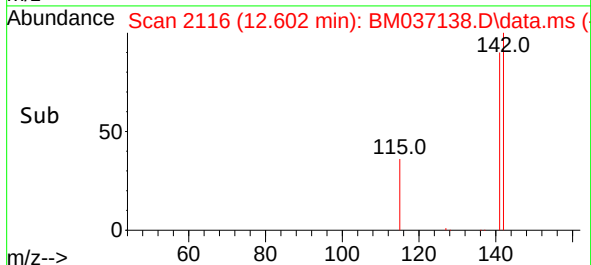
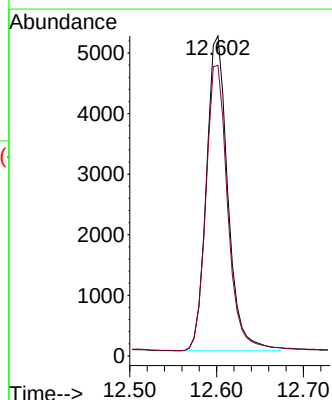
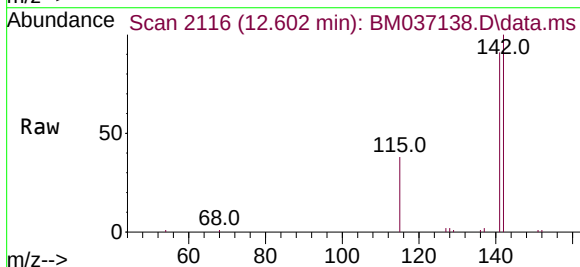
Instrument :
BNA_M
ClientSampleId :
SLCS270

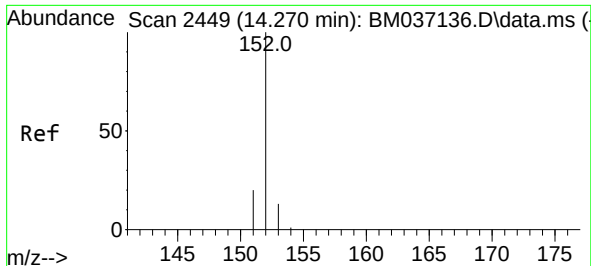
Tgt Ion:142 Resp: 8450
Ion Ratio Lower Upper
142 100
141 90.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:142 Resp: 8941
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

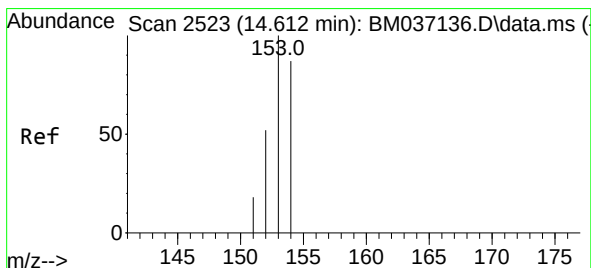
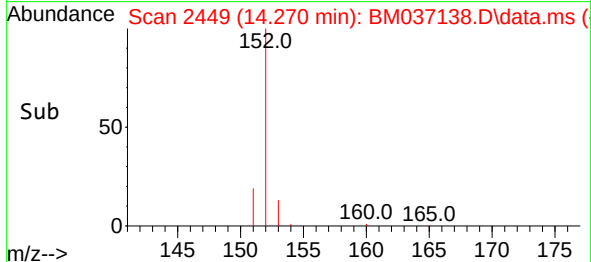
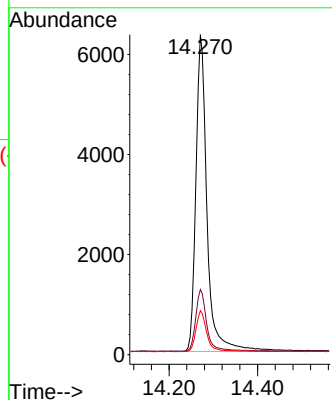
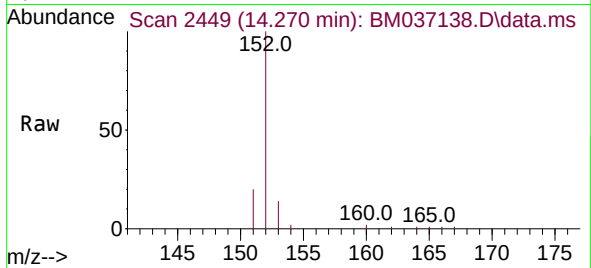




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

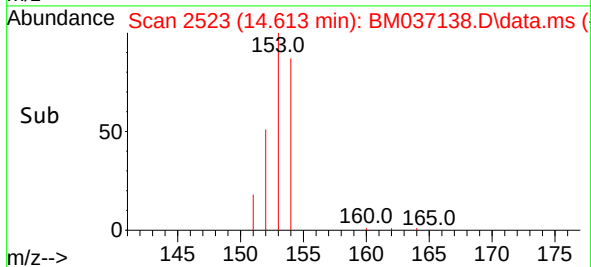
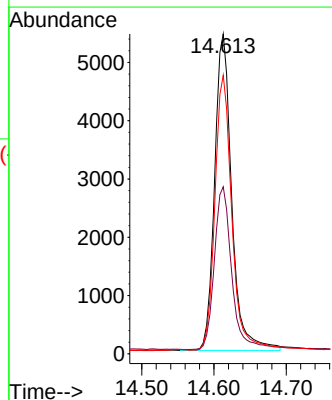
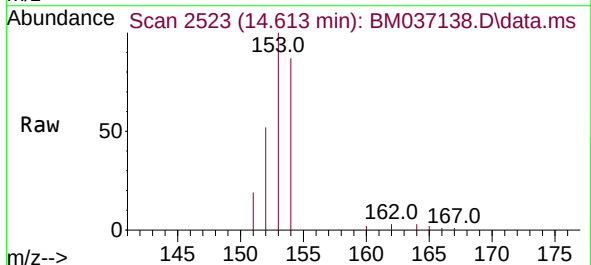
Instrument :
BNA_M
ClientSampleId :
SLCS270

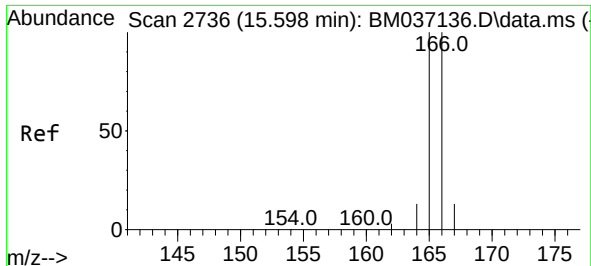
Tgt Ion:152 Resp: 11074
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:153 Resp: 8932
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 87.1 69.7 104.5

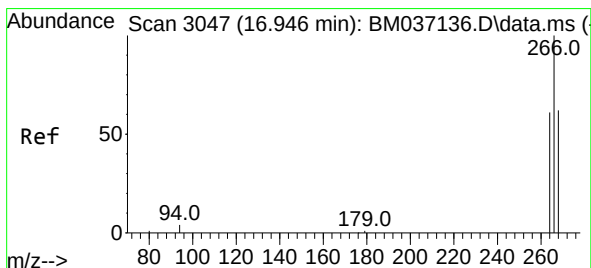
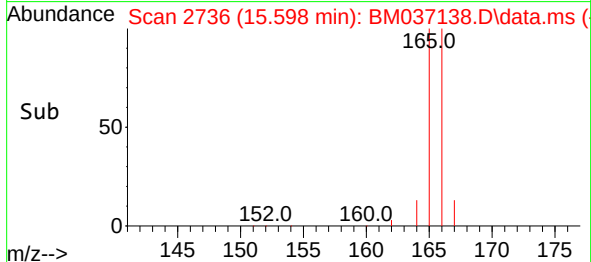
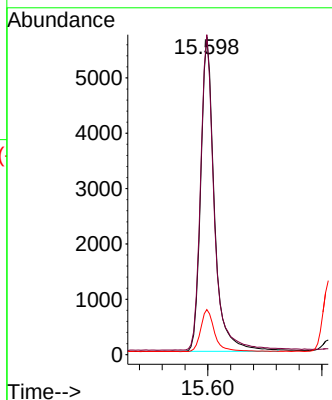
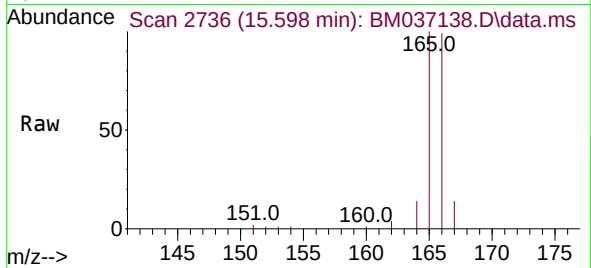




#12
 Fluorene
 Concen: 0.325 ng/ul
 RT: 15.598 min Scan# 2736
 Delta R.T. -0.004 min
 Lab File: BM037138.D
 Acq: 18 Oct 2022 07:11

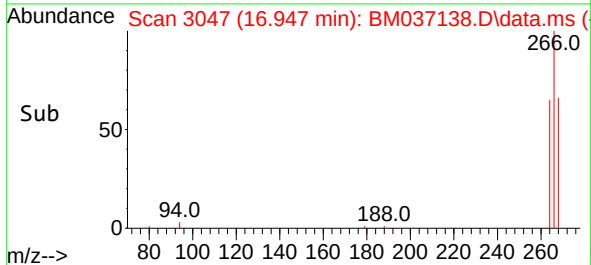
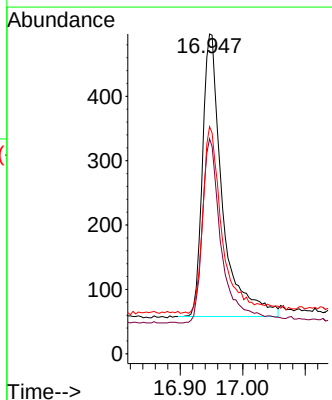
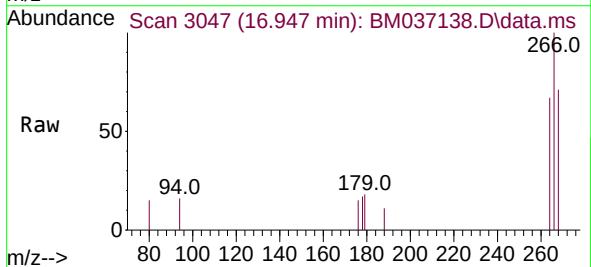
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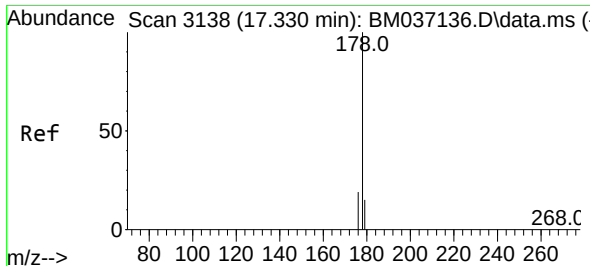
Tgt Ion:	166	Resp:	9462
Ion Ratio	Lower	Upper	
166	100		
165	100.7	78.9	118.3
167	14.2	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.310 ng/ul
 RT: 16.947 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: BM037138.D
 Acq: 18 Oct 2022 07:11

Tgt Ion:	266	Resp:	969
Ion Ratio	Lower	Upper	
266	100		
264	64.0	50.3	75.5
268	64.8	53.5	80.3

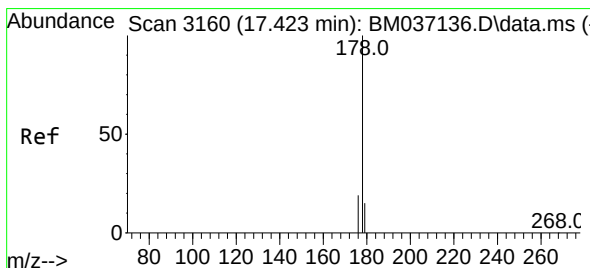
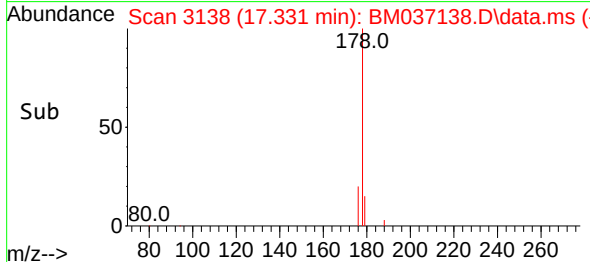
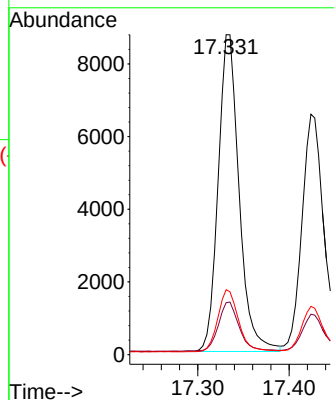
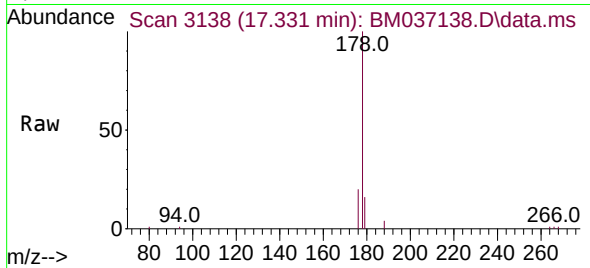




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.331 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

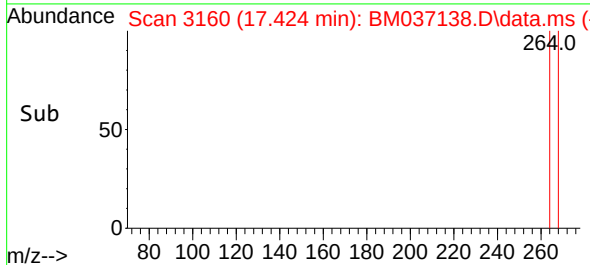
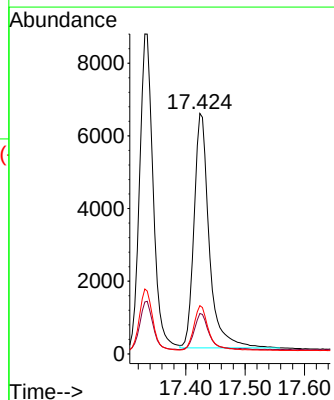
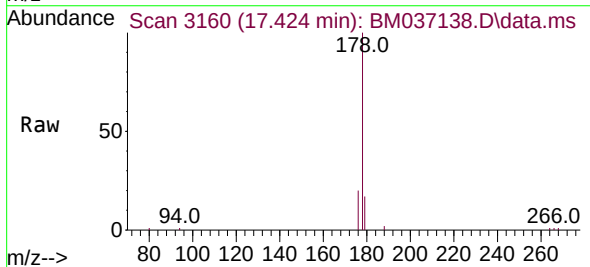
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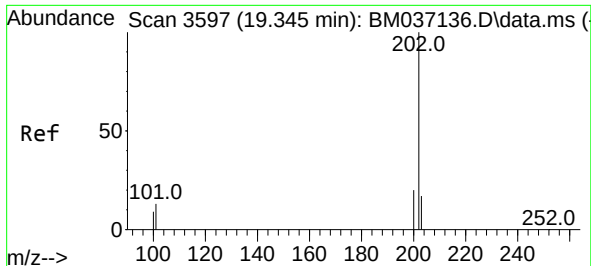
Tgt Ion:178	Resp:	13918
Ion Ratio	Lower	Upper
178	100	
179	16.2	13.0 19.6
176	20.3	15.6 23.4



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.424 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:178	Resp:	11452
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.6 20.4
176	20.1	15.6 23.4

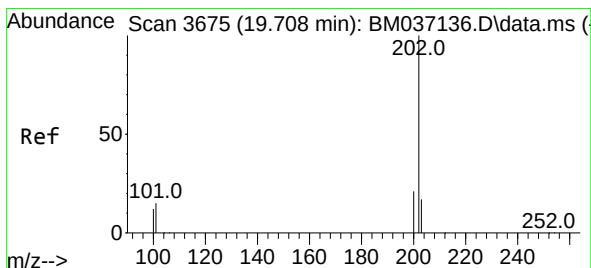
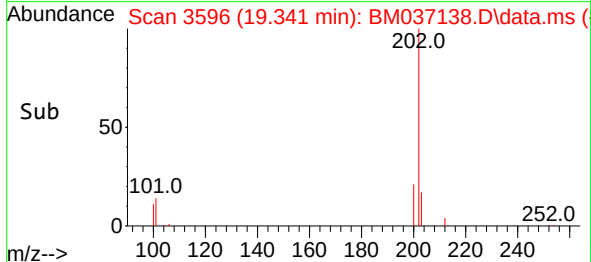
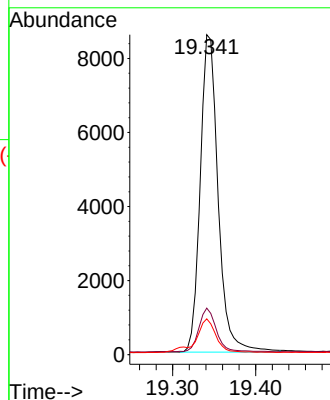
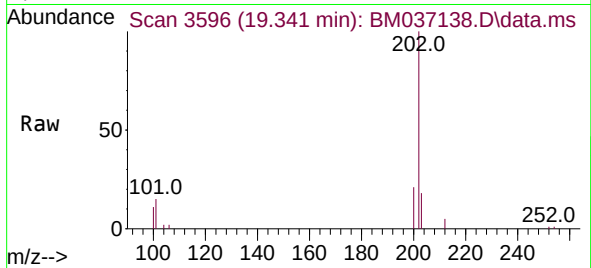




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.008 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

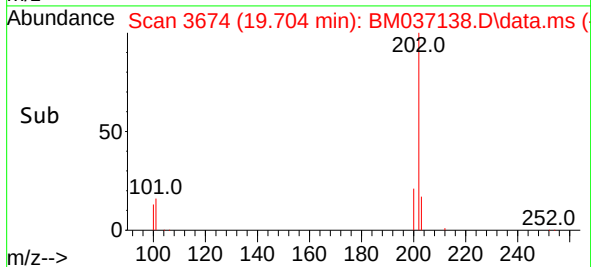
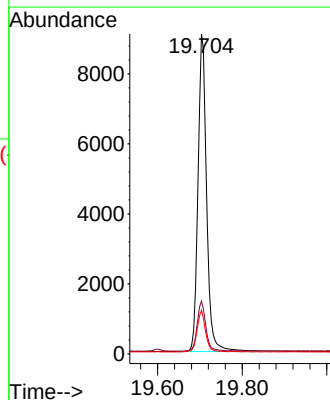
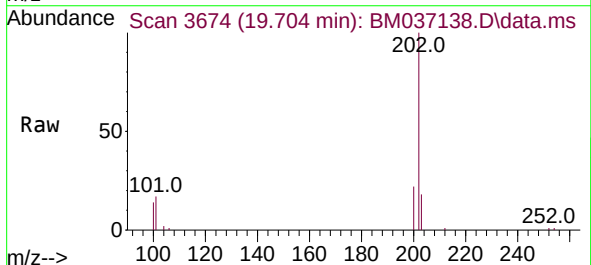
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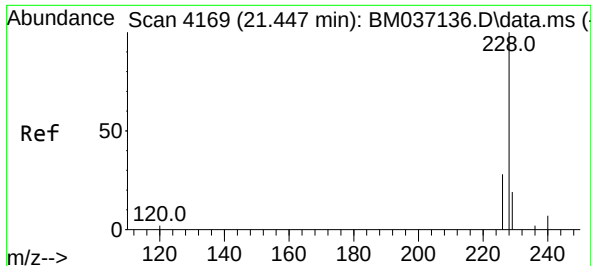
Tgt Ion:202 Resp: 12799
Ion Ratio Lower Upper
202 100
101 14.5 10.1 15.1
100 11.2 7.9 11.9



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.704 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:202 Resp: 12853
Ion Ratio Lower Upper
202 100
101 16.5 12.0 18.0
100 13.7 9.8 14.6

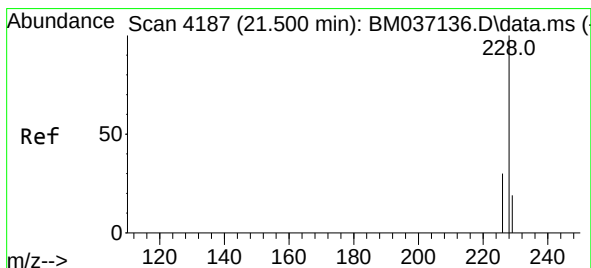
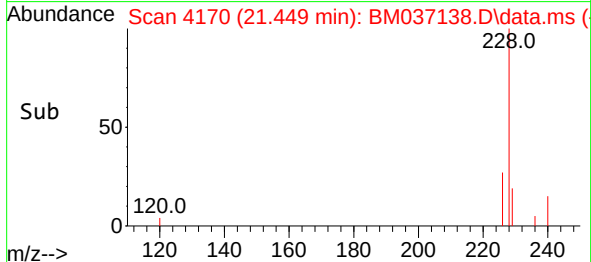
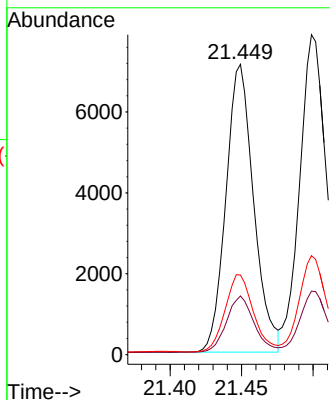
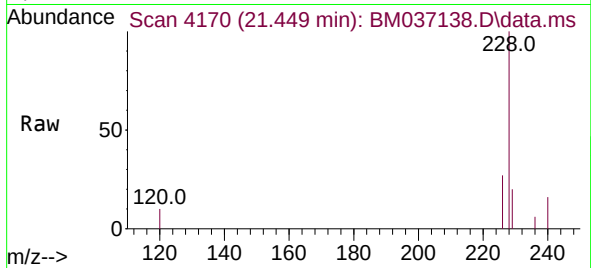




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.449 min Scan# 4169
Delta R.T. -0.001 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

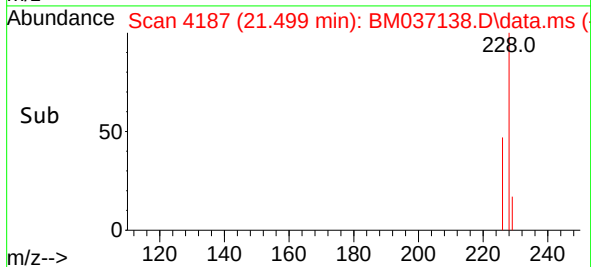
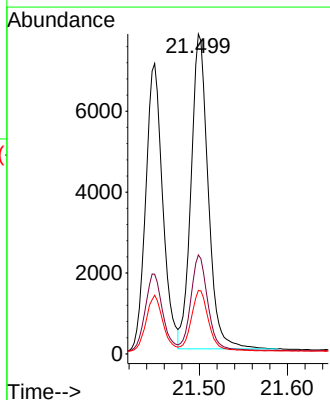
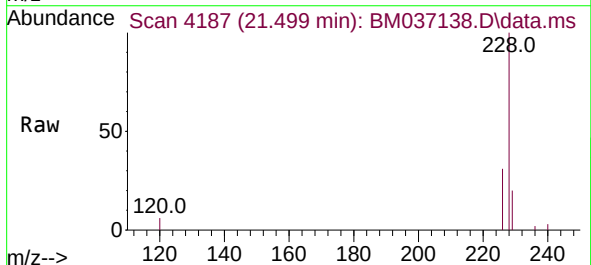
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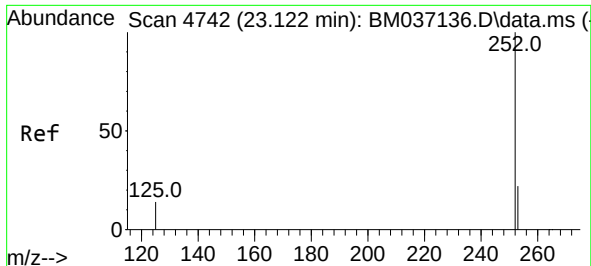
Tgt Ion:228 Resp: 9625
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.499 min Scan# 4187
Delta R.T. -0.004 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:228 Resp: 10500
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.8 16.4 24.6

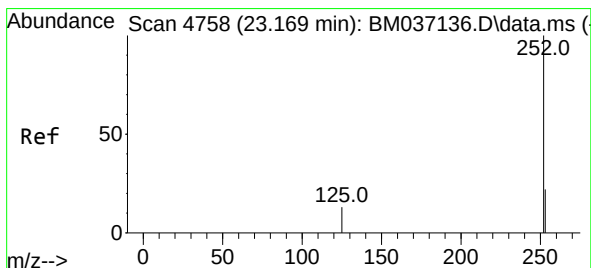
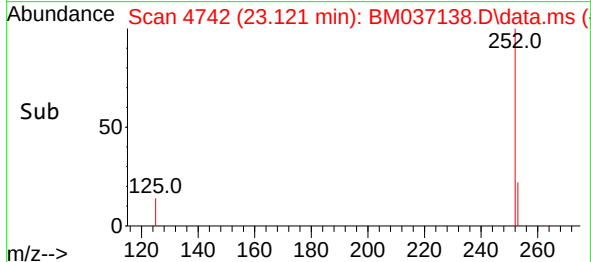
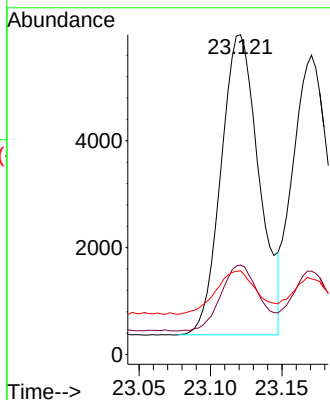
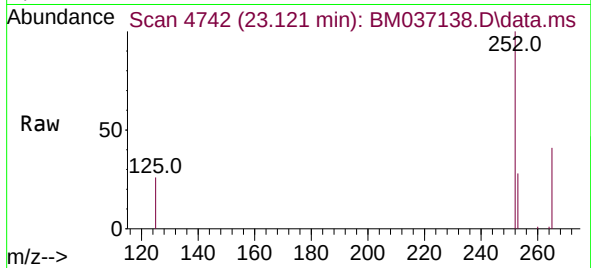




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.121 min Scan# 4742
Delta R.T. -0.001 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

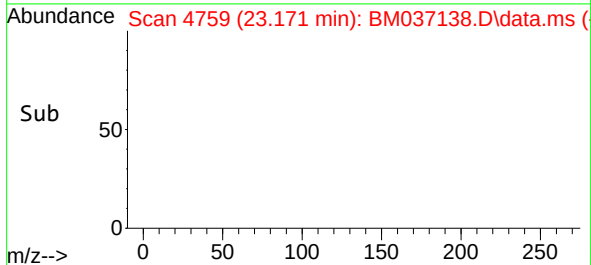
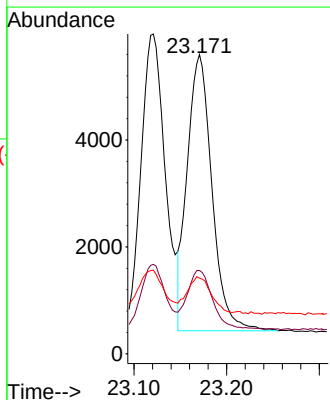
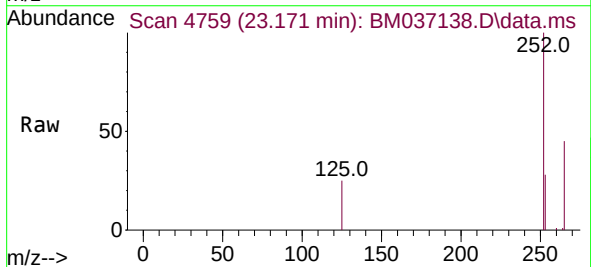
Instrument :
BNA_M
ClientSampleId :
SLCS270

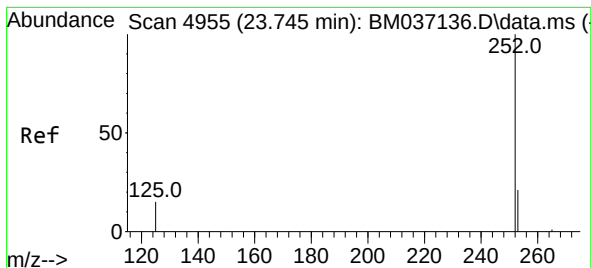
Tgt Ion:252 Resp: 10410
Ion Ratio Lower Upper
252 100
253 27.9 0.0 61.4
125 26.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.171 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:252 Resp: 9600
Ion Ratio Lower Upper
252 100
253 27.9 25.2 37.8
125 25.3 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.375 ng/ul

RT: 23.744 min Scan# 4955

Delta R.T. -0.001 min

Lab File: BM037138.D

Acq: 18 Oct 2022 07:11

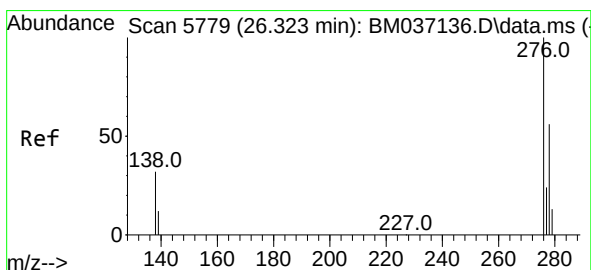
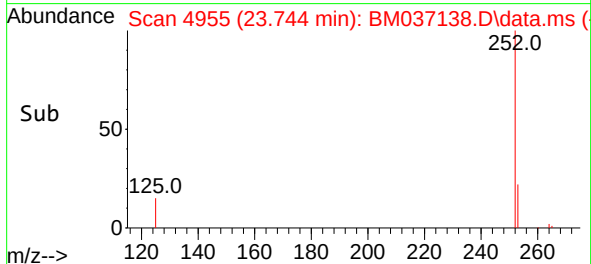
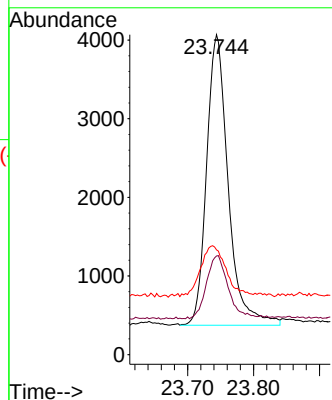
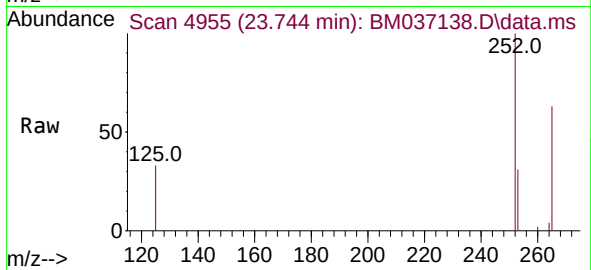
Instrument :

BNA_M

ClientSampleId :

SLCS270

Tgt Ion:252	Resp:	8405
Ion Ratio	Lower	Upper
252	100	
253	30.8	29.7 44.5
125	32.7	23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

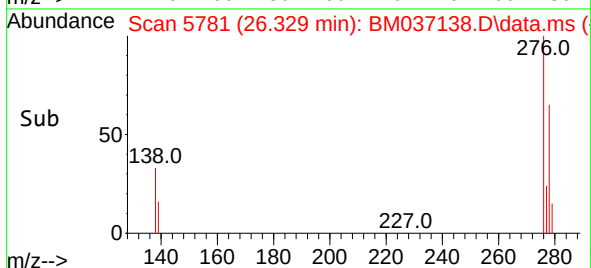
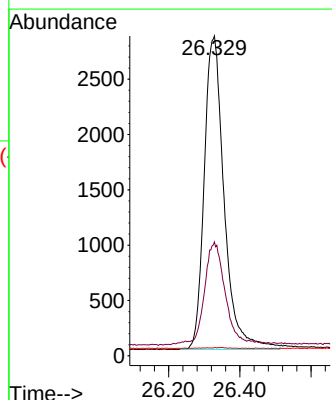
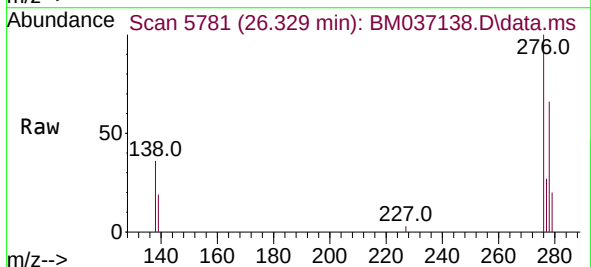
RT: 26.329 min Scan# 5781

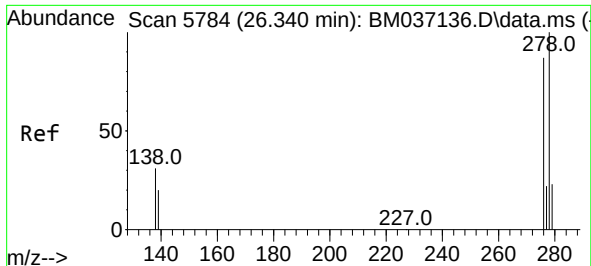
Delta R.T. 0.002 min

Lab File: BM037138.D

Acq: 18 Oct 2022 07:11

Tgt Ion:276	Resp:	11003
Ion Ratio	Lower	Upper
276	100	
138	32.4	23.9 35.9
227	0.1	0.1 0.1

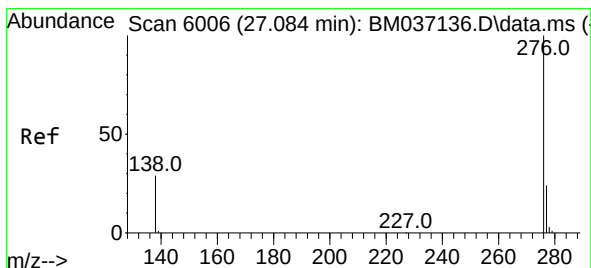
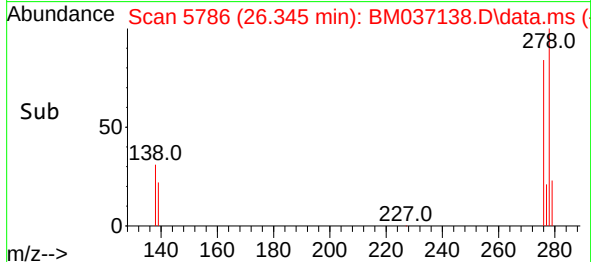
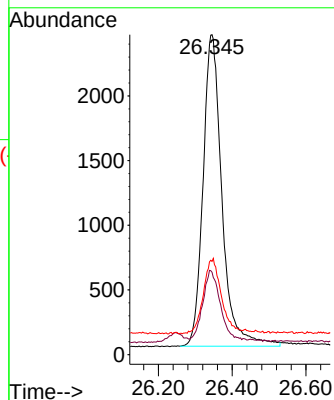
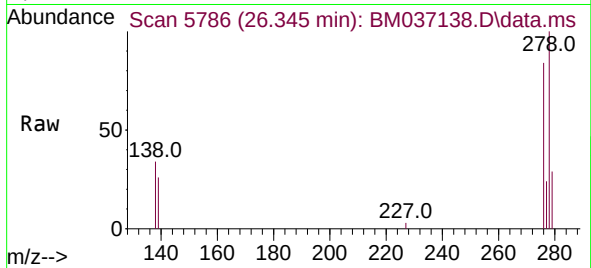




#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 26.345 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Instrument :
BNA_M
ClientSampleId :
SLCS270

Tgt Ion:278 Resp: 8575
Ion Ratio Lower Upper
278 100
139 25.7 19.8 29.6
279 29.1 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. 0.002 min
Lab File: BM037138.D
Acq: 18 Oct 2022 07:11

Tgt Ion:276 Resp: 9672
Ion Ratio Lower Upper
276 100
138 31.9 23.4 35.0
277 26.3 21.0 31.4

