

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043578.D
 Acq On : 26 Dec 2023 18:08
 Operator : MA/JU
 Sample : PB158027BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS027

Quant Time: Dec 26 22:47:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

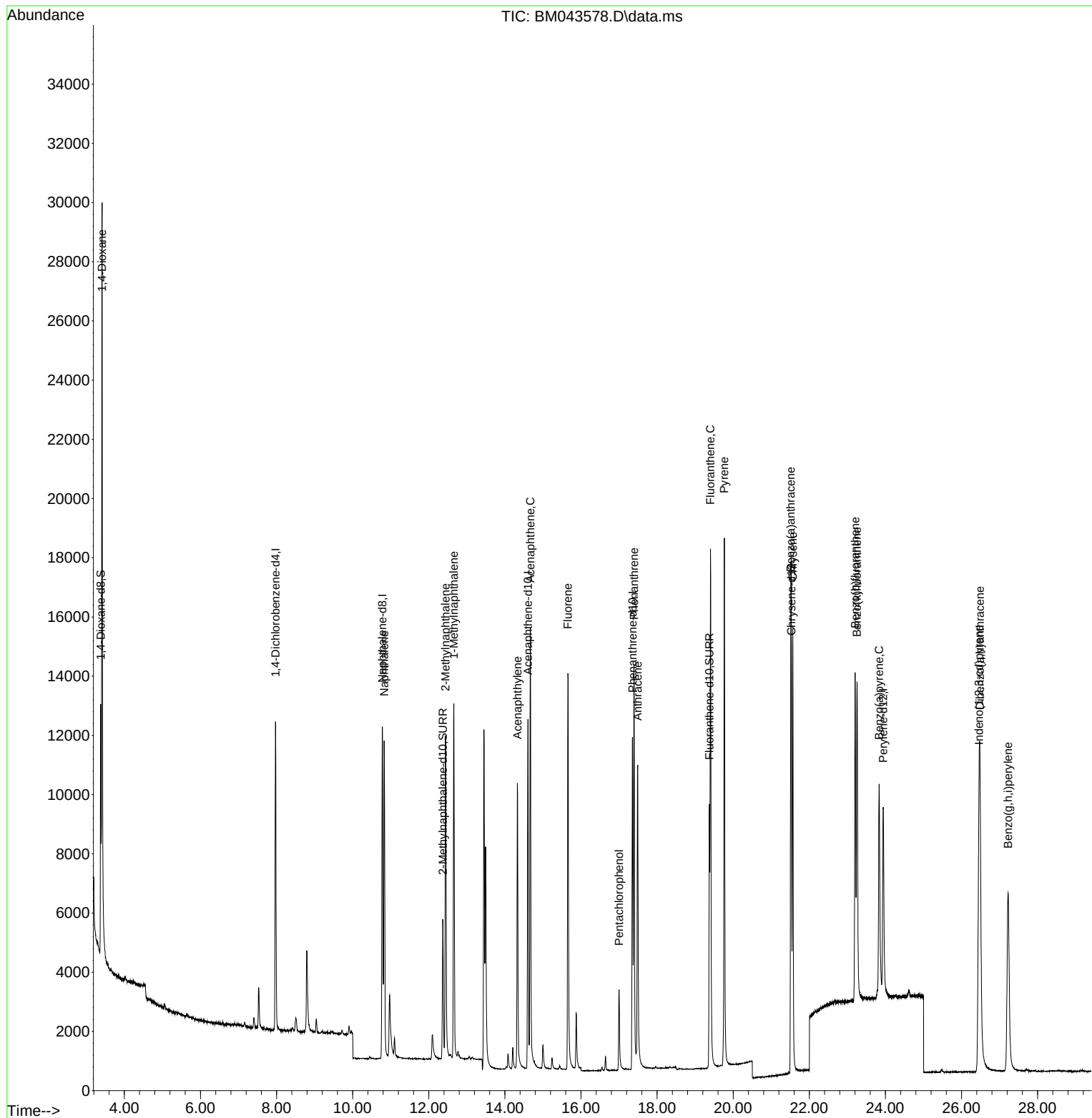
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	5580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	16141	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.606	164	7005	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	14126	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	9212	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	10307	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5367	0.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7075	0.309	ng/ul	-0.01
18) Fluoranthene-d10	19.376	212	10210	0.310	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	15519	2.195	ng/ul#	87
5) Naphthalene	10.829	128	15846	0.327	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	9202	0.294	ng/ul	98
8) 1-Methylnaphthalene	12.660	142	8872	0.282	ng/ul	100
10) Acenaphthylene	14.328	152	12744	0.330	ng/ul	99
11) Acenaphthene	14.671	153	9511	0.339	ng/ul	99
12) Fluorene	15.656	166	10252	0.322	ng/ul	99
14) Pentachlorophenol	16.999	266	2322	0.742	ng/ul	97
15) Phenanthrene	17.392	178	15741	0.334	ng/ul	99
16) Anthracene	17.489	178	14622	0.342	ng/ul	98
19) Fluoranthene	19.403	202	15920	0.306	ng/ul#	89
20) Pyrene	19.766	202	16329	0.317	ng/ul#	93
21) Benzo(a)anthracene	21.513	228	13416	0.332	ng/ul	99
22) Chrysene	21.565	228	14894	0.349	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	14998	0.321	ng/ul	92
25) Benzo(k)fluoranthene	23.255	252	16306	0.336	ng/ul#	90
26) Benzo(a)pyrene	23.836	252	13380	0.347	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.458	276	18519	0.421	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.485	278	14985	0.430	ng/ul#	95
29) Benzo(g,h,i)perylene	27.223	276	15897	0.424	ng/ul	96

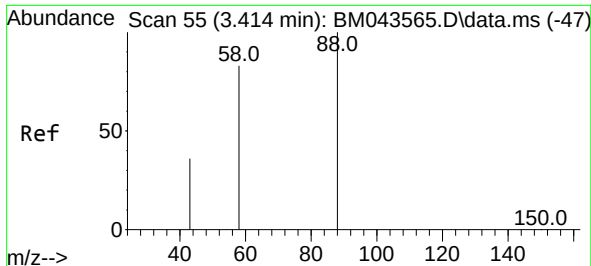
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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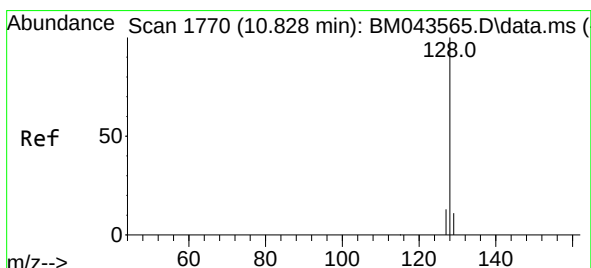
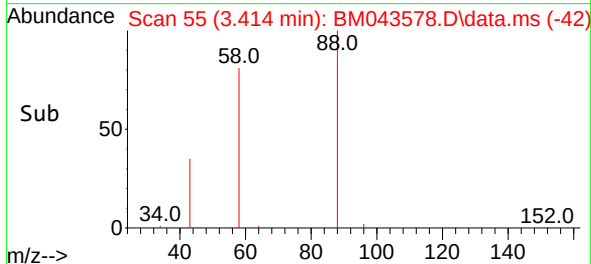
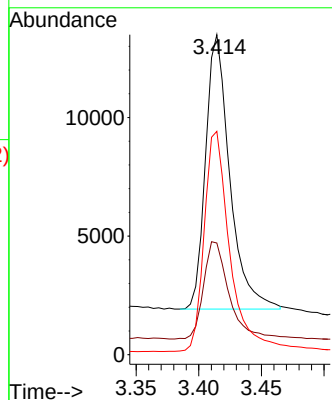
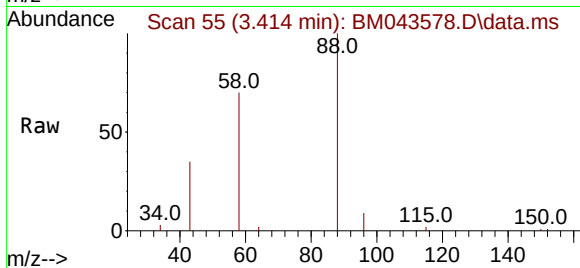




#2
1,4-Dioxane
Concen: 2.195 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

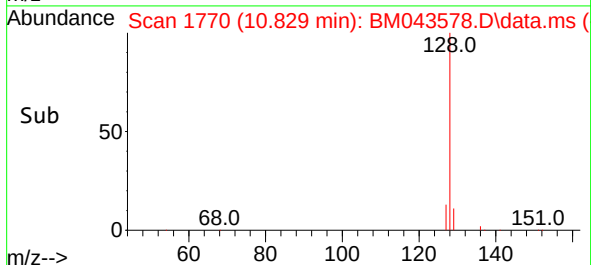
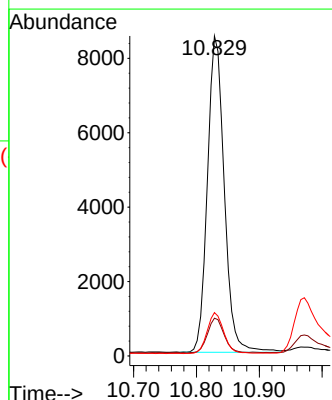
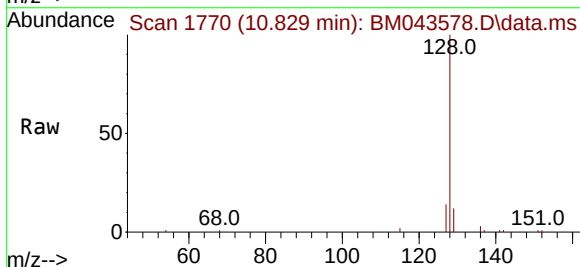
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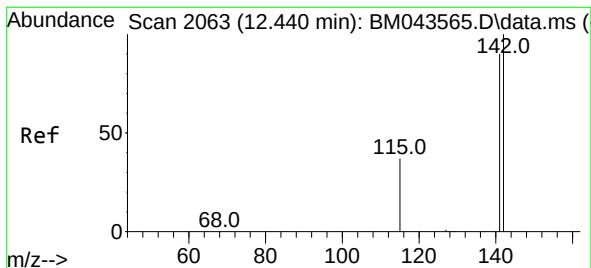
Tgt Ion: 88 Resp: 15519
Ion Ratio Lower Upper
88 100
43 34.9 27.9 41.9
58 69.8 43.4 65.2#



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion: 128 Resp: 15846
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.6 10.3 15.5

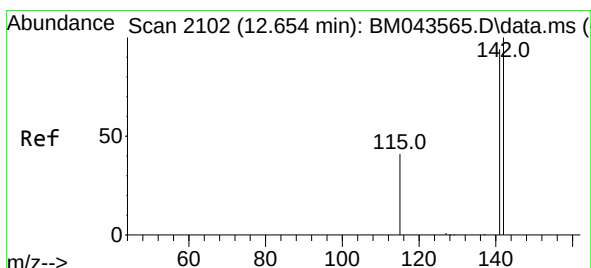
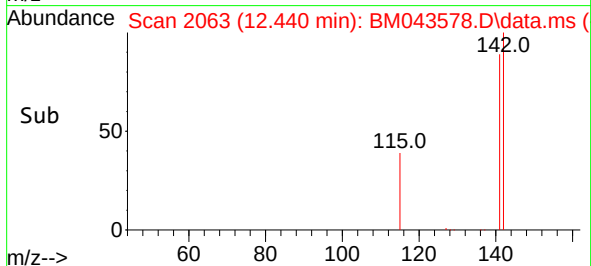
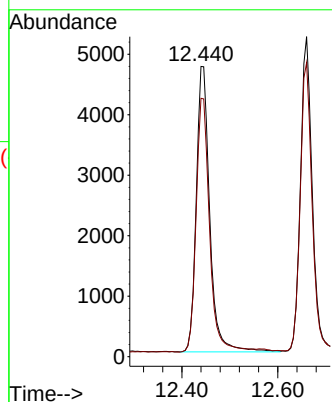
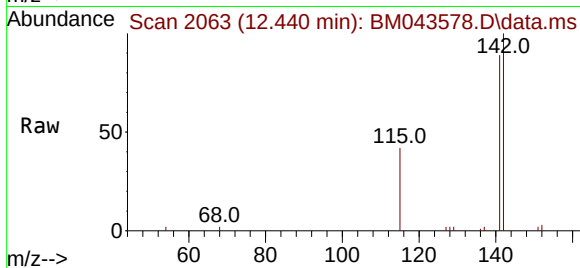




#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

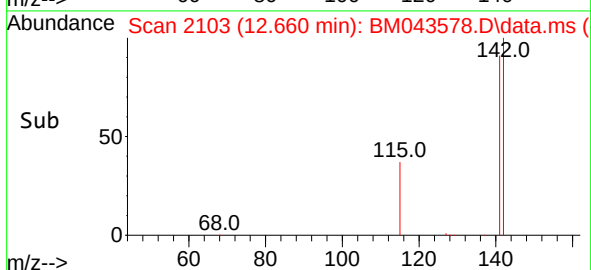
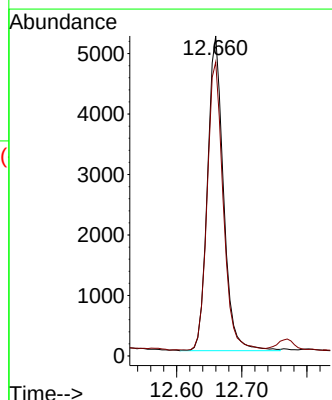
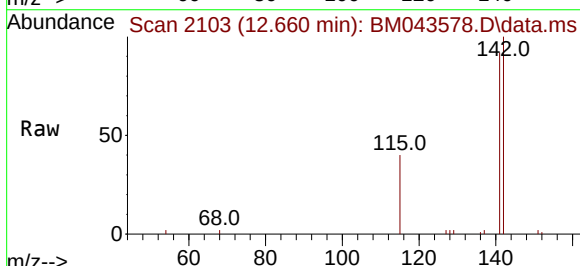
Instrument :
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ClientSampleId :
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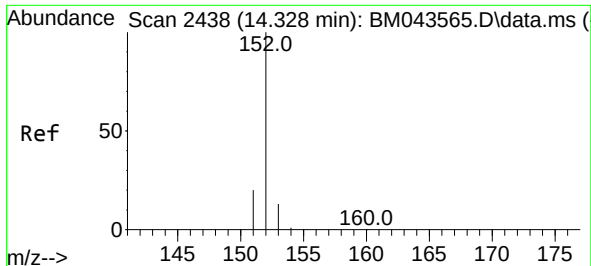
Tgt Ion:142 Resp: 9202
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.005 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:142 Resp: 8872
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

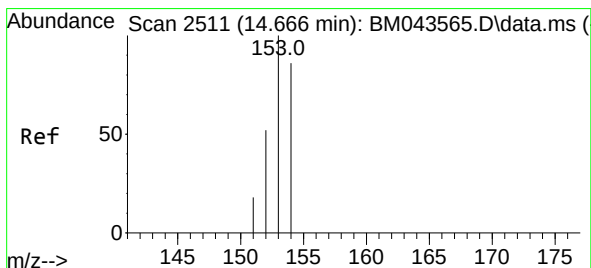
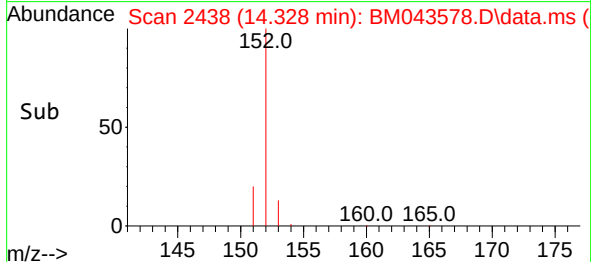
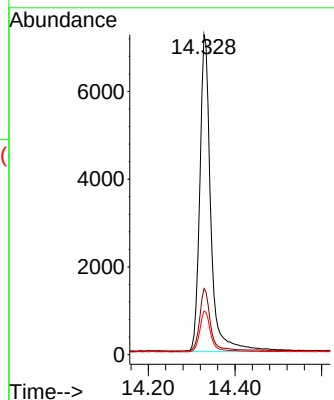
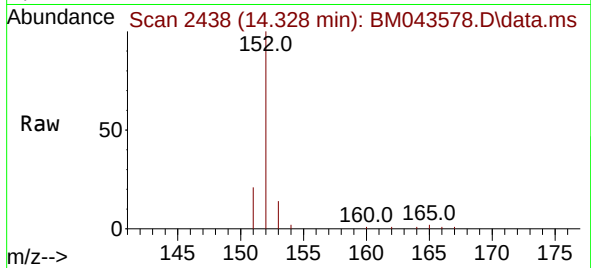




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

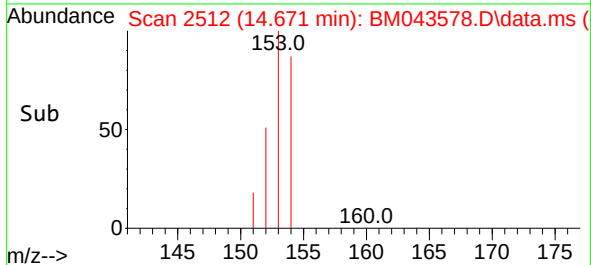
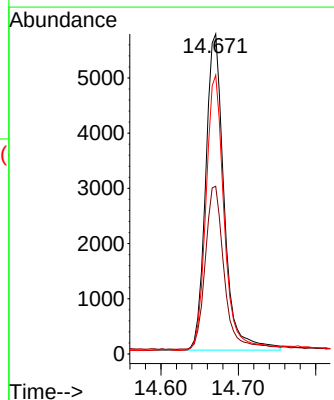
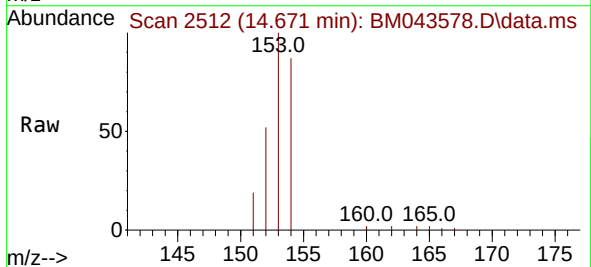
Instrument :
BNA_M
ClientSampleId :
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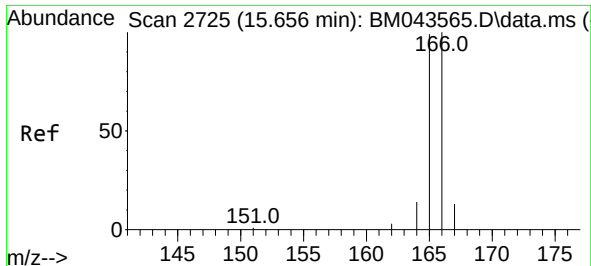
Tgt Ion:152 Resp: 12744
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.6 10.4 15.6



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.671 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:153 Resp: 9511
Ion Ratio Lower Upper
153 100
152 52.4 42.1 63.1
154 87.2 71.3 106.9

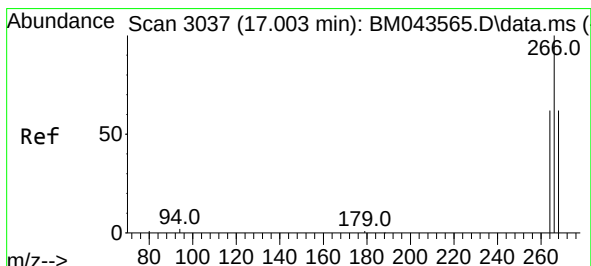
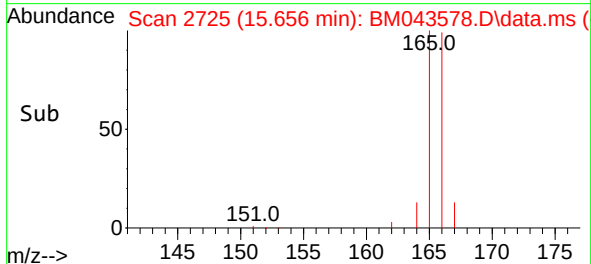
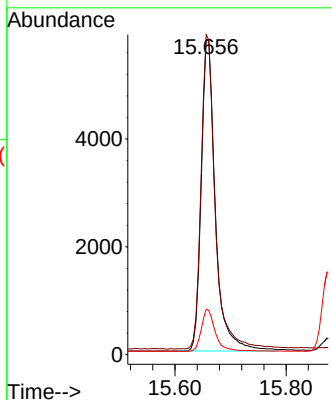
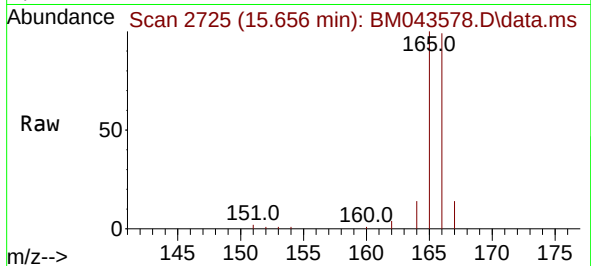




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

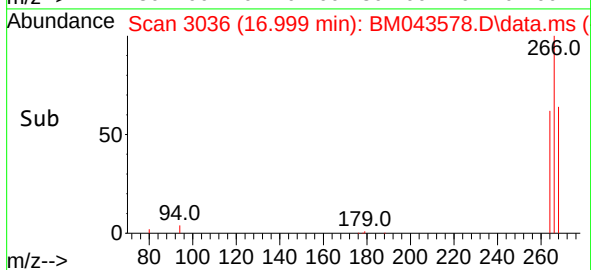
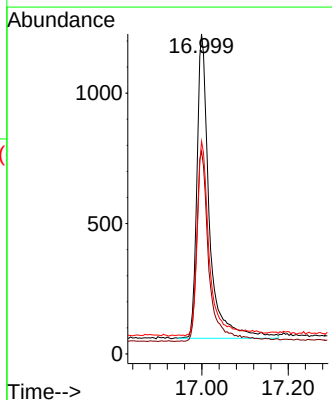
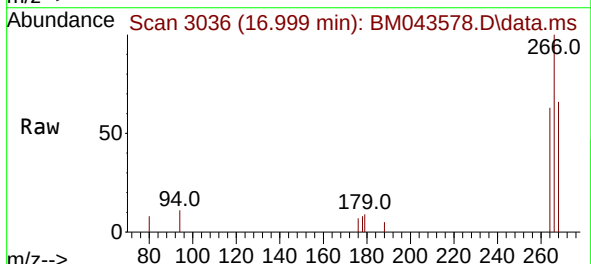
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ClientSampleId :
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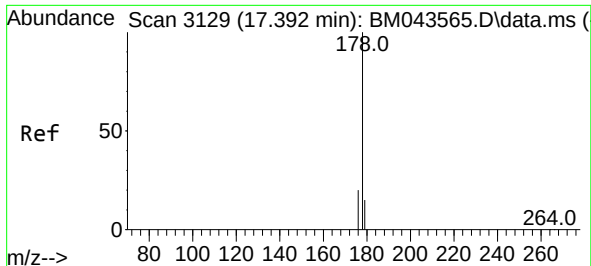
Tgt Ion:166 Resp: 10252
Ion Ratio Lower Upper
166 100
165 101.5 80.3 120.5
167 14.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.742 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.008 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:266 Resp: 2322
Ion Ratio Lower Upper
266 100
264 61.8 51.7 77.5
268 63.3 51.9 77.9

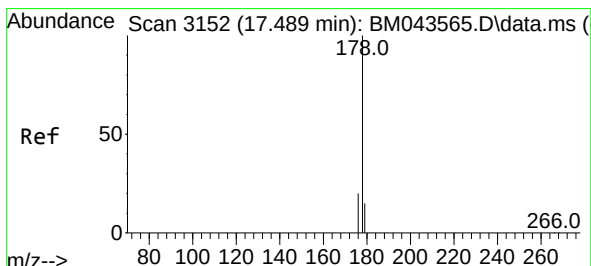
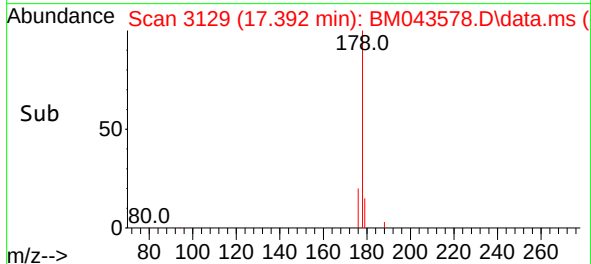
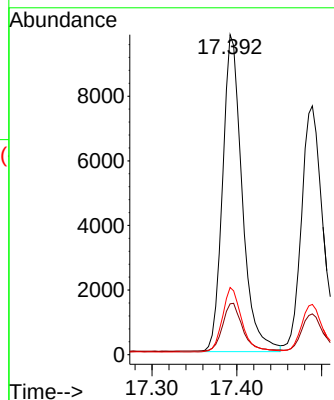
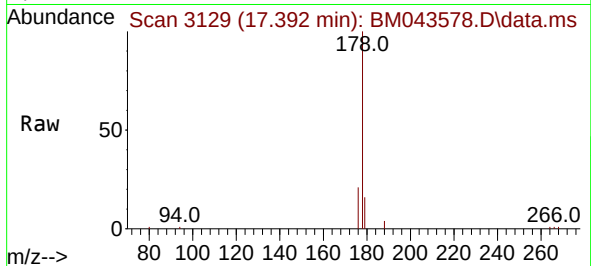




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

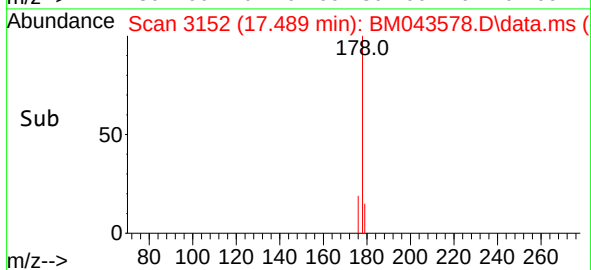
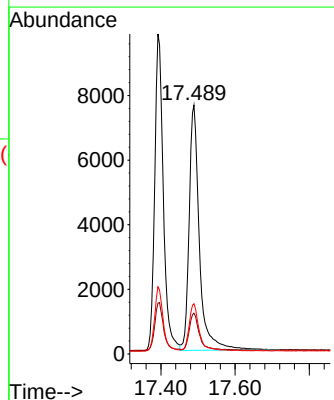
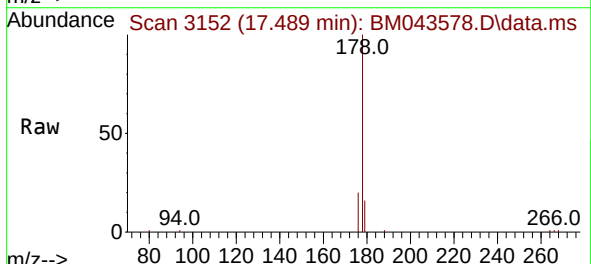
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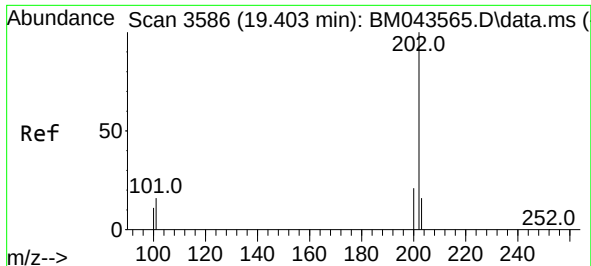
Tgt Ion:	178	Resp:	15741
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	21.0	16.2	24.2



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:	178	Resp:	14622
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	18.8
176	20.2	15.6	23.4

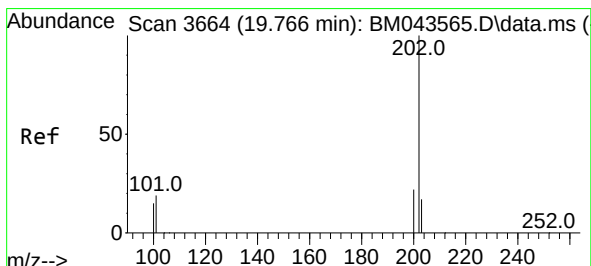
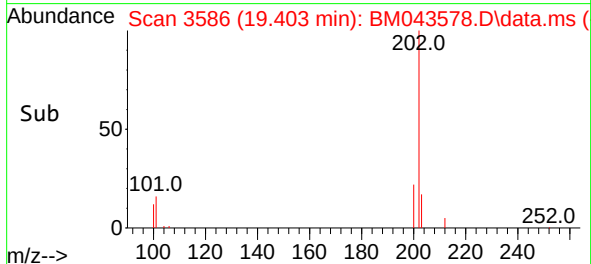
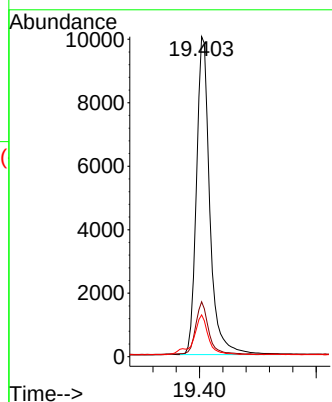
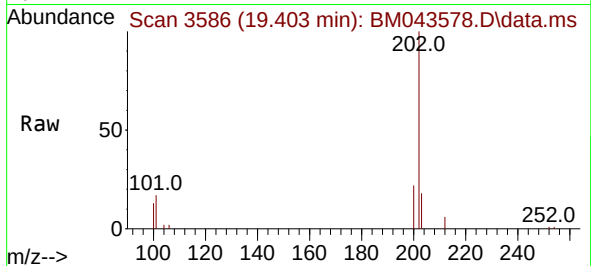




#19
Fluoranthene
Concen: 0.306 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

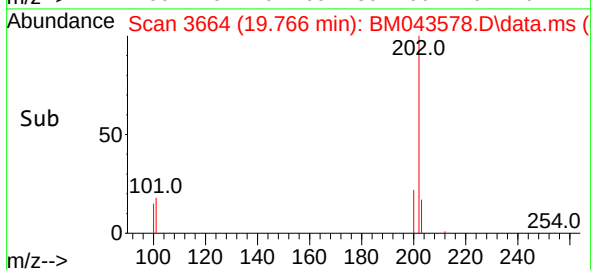
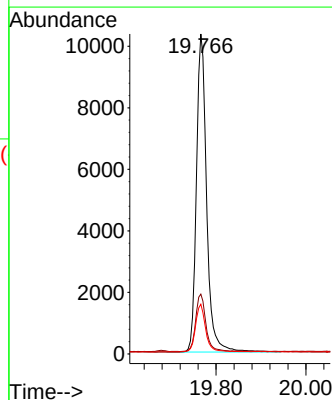
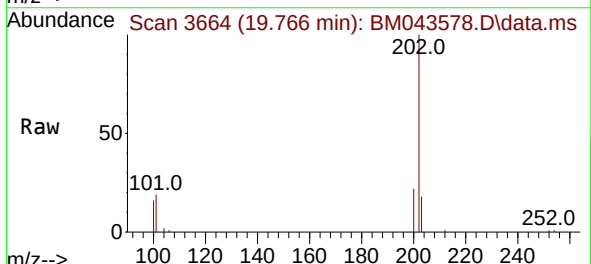
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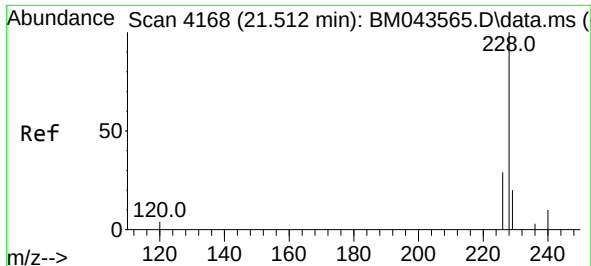
Tgt Ion:202 Resp: 15920
Ion Ratio Lower Upper
202 100
101 17.2 10.1 15.1#
100 13.0 7.4 11.2#



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:202 Resp: 16329
Ion Ratio Lower Upper
202 100
101 18.7 12.7 19.1
100 15.6 9.8 14.8#

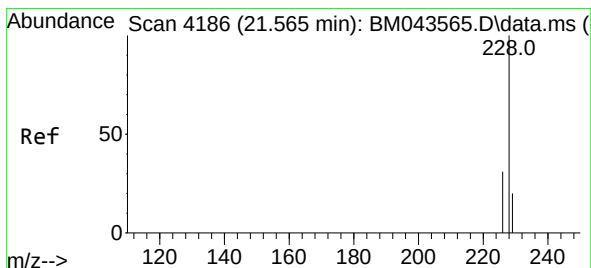
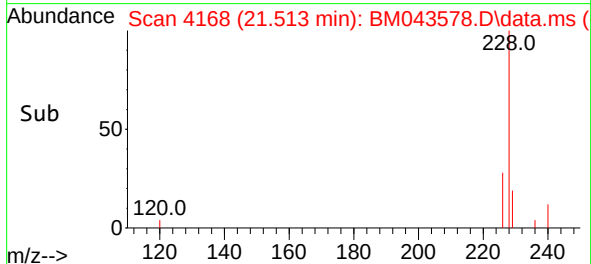
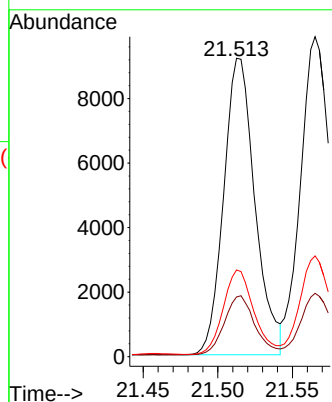
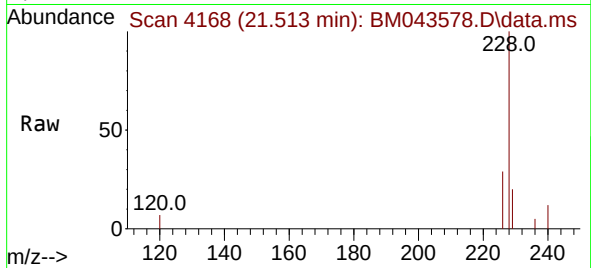




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

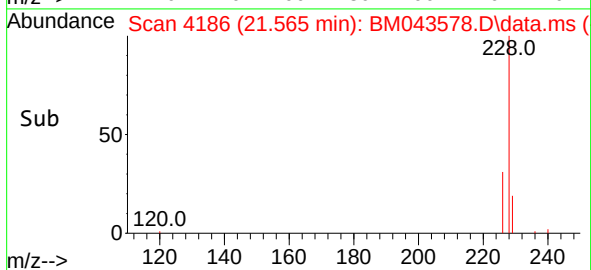
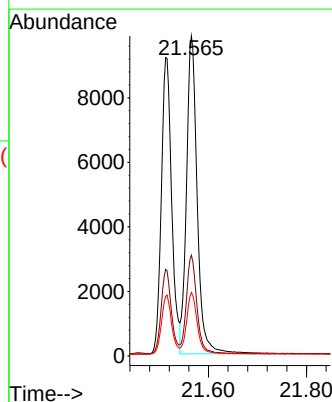
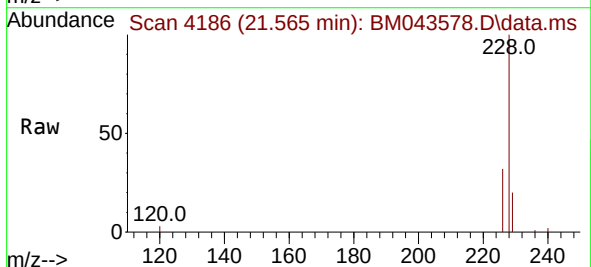
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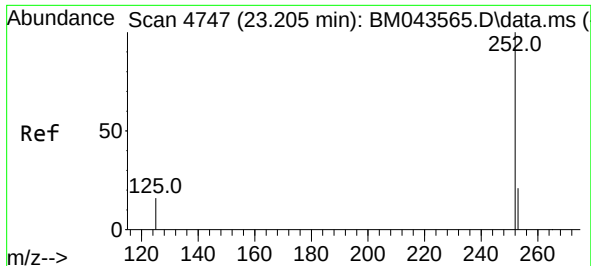
Tgt Ion:228 Resp: 13416
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 29.0 22.6 34.0



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.009 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:228 Resp: 14894
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 19.8 15.7 23.5

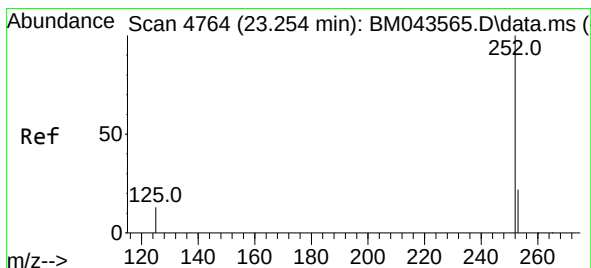
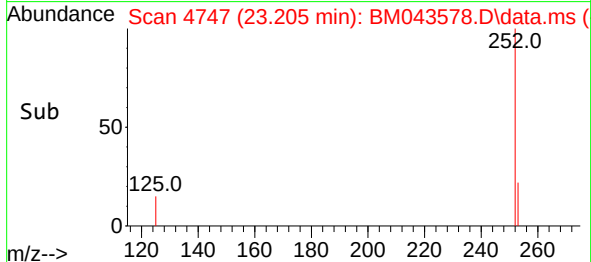
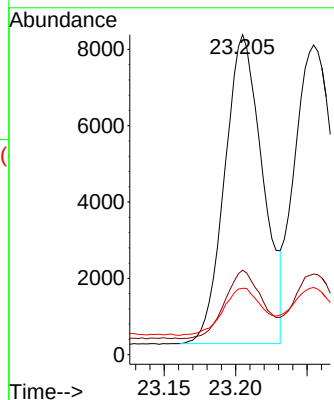
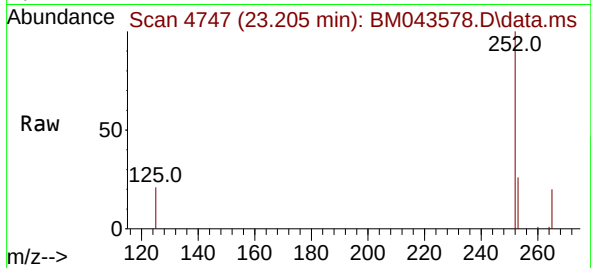




#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

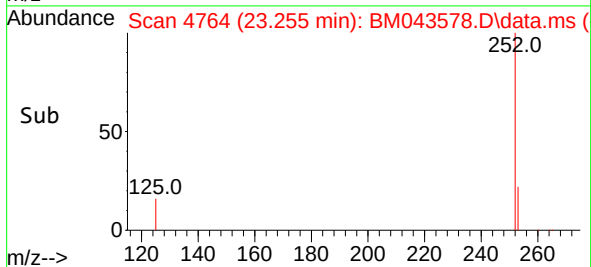
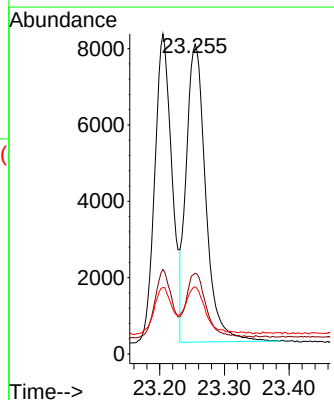
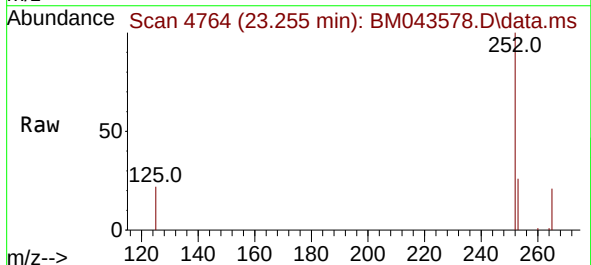
Instrument :
BNA_M
ClientSampleId :
SLCS027

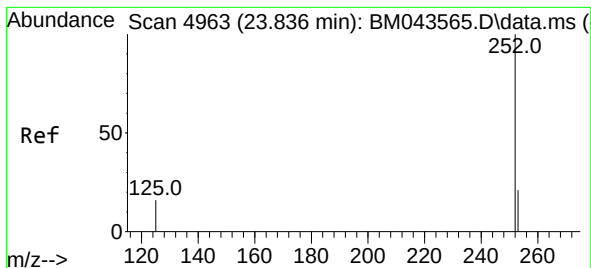
Tgt Ion:252	Resp:	14998
Ion Ratio	Lower	Upper
252	100	
253	26.4	0.0 48.8
125	20.8	0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. -0.012 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:252	Resp:	16306
Ion Ratio	Lower	Upper
252	100	
253	26.1	18.6 28.0
125	21.7	11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 23.836 min Scan# 4963

Delta R.T. -0.012 min

Lab File: BM043578.D

Acq: 26 Dec 2023 18:08

Instrument :

BNA_M

ClientSampleId :

SLCS027

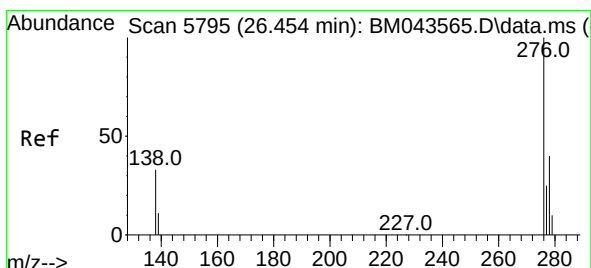
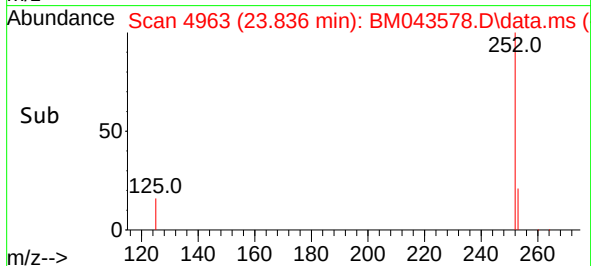
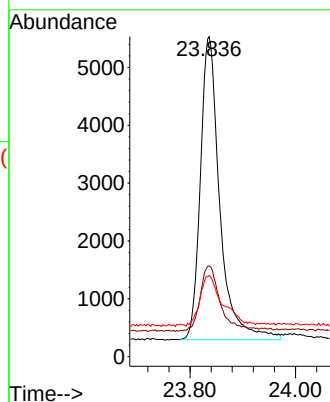
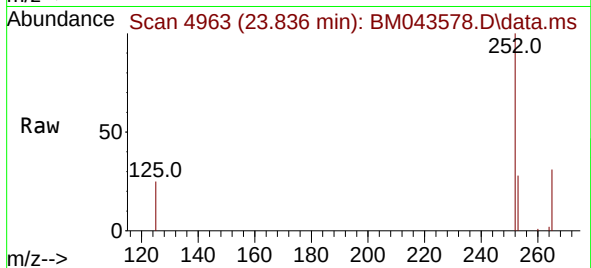
Tgt Ion:252 Resp: 13380

Ion Ratio Lower Upper

252 100

253 28.3 20.2 30.2

125 25.3 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.458 min Scan# 5796

Delta R.T. -0.017 min

Lab File: BM043578.D

Acq: 26 Dec 2023 18:08

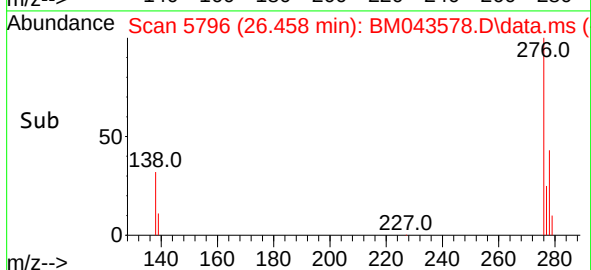
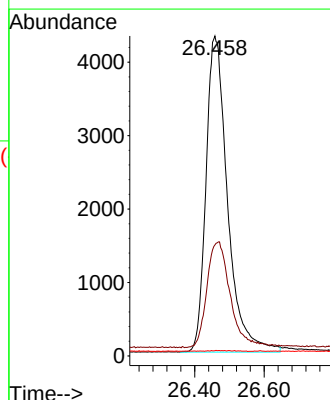
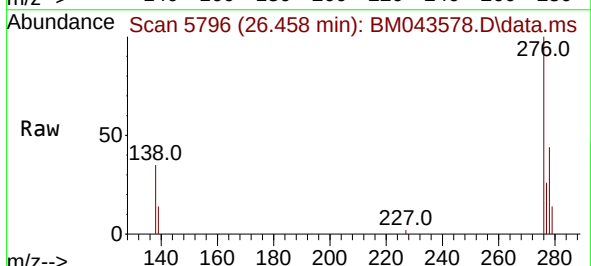
Tgt Ion:276 Resp: 18519

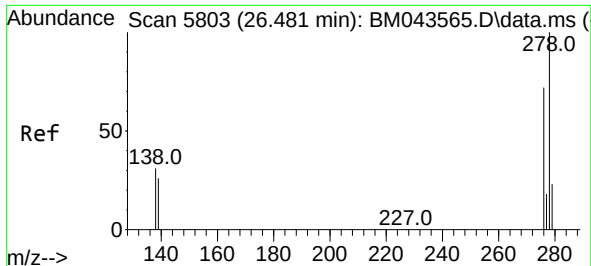
Ion Ratio Lower Upper

276 100

138 36.4 24.6 36.8

227 0.1 0.0 0.0#

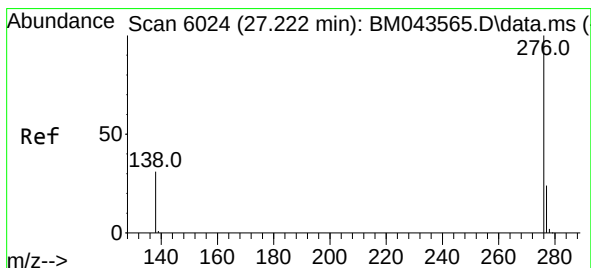
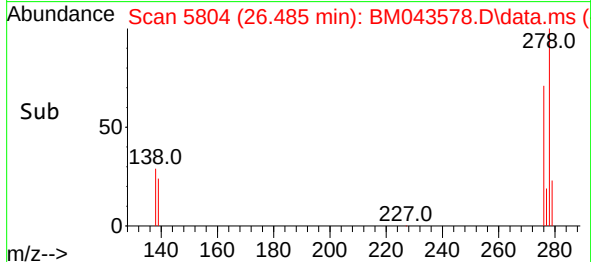
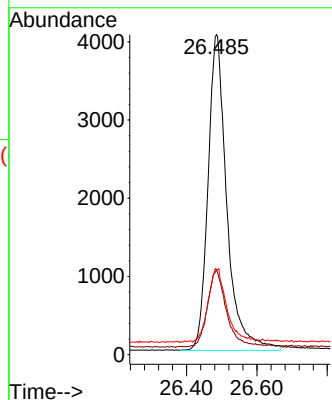
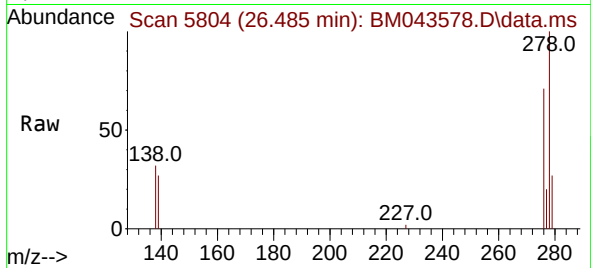




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.485 min Scan# 5803
Delta R.T. -0.014 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Instrument :
BNA_M
ClientSampleId :
SLCS027

Tgt Ion:278 Resp: 14985
Ion Ratio Lower Upper
278 100
139 26.5 17.4 26.2#
279 26.5 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.223 min Scan# 6024
Delta R.T. -0.021 min
Lab File: BM043578.D
Acq: 26 Dec 2023 18:08

Tgt Ion:276 Resp: 15897
Ion Ratio Lower Upper
276 100
138 32.6 23.1 34.7
277 24.8 19.4 29.0

