

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043579.D
 Acq On : 26 Dec 2023 18:44
 Operator : MA/JU
 Sample : PB158029BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS029

Quant Time: Dec 26 22:47:14 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)

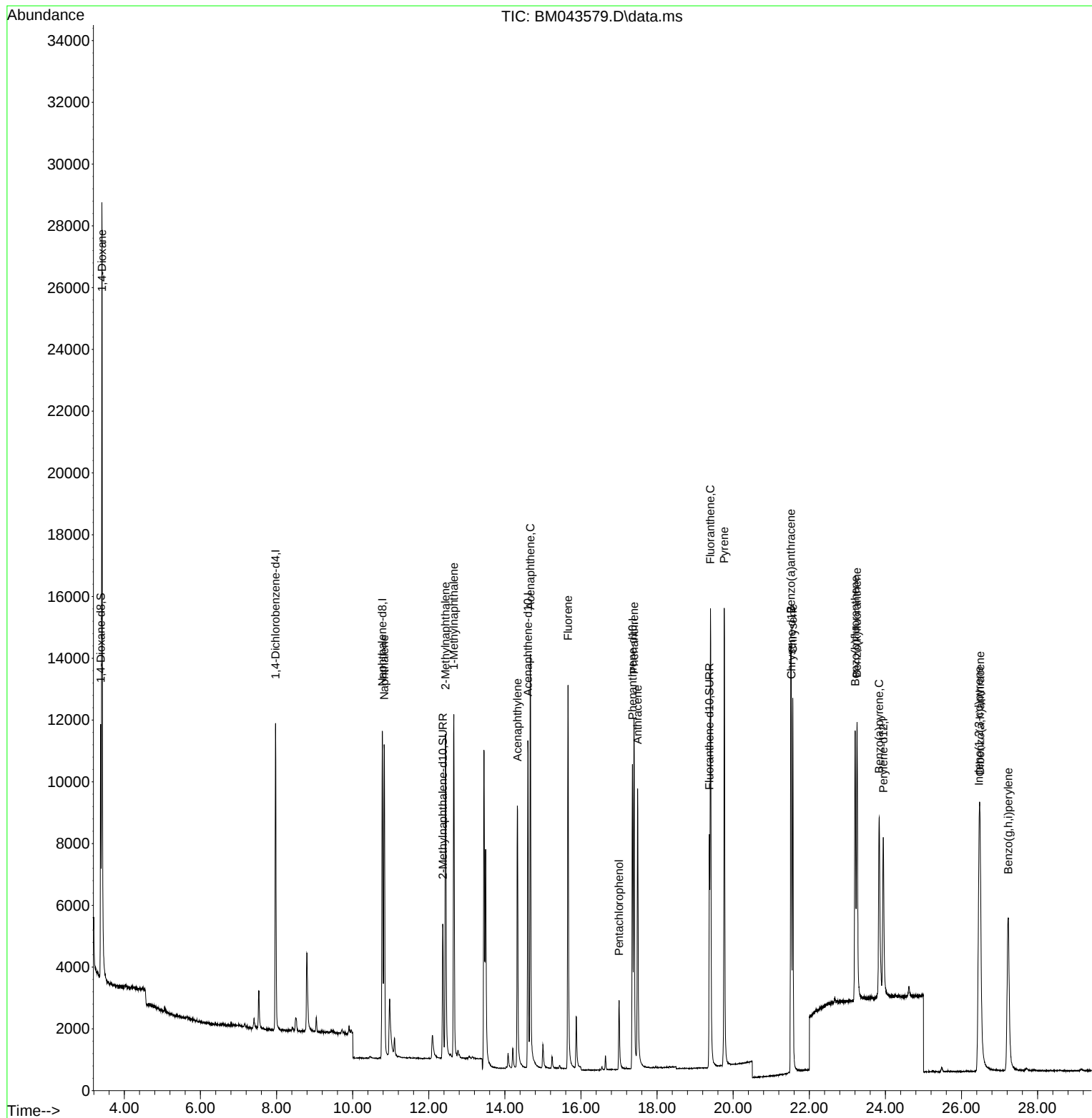
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	5299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	15613	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.606	164	6441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	12419	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	7455	0.400	ng/ul	# 0.00
23) Perylene-d12	23.944	264	8365	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5064	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	6665	0.301	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	8648	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	15344	2.285	ng/ul#	79
5) Naphthalene	10.828	128	15134	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	8701	0.287	ng/ul	98
8) 1-Methylnaphthalene	12.660	142	8362	0.275	ng/ul	99
10) Acenaphthylene	14.328	152	11813	0.333	ng/ul	98
11) Acenaphthene	14.671	153	8784	0.340	ng/ul	99
12) Fluorene	15.661	166	9390	0.321	ng/ul	98
14) Pentachlorophenol	16.999	266	1982	0.720	ng/ul	98
15) Phenanthrene	17.396	178	13913	0.336	ng/ul	99
16) Anthracene	17.489	178	12826	0.341	ng/ul	98
19) Fluoranthene	19.403	202	13439	0.320	ng/ul#	90
20) Pyrene	19.766	202	13685	0.328	ng/ul#	91
21) Benzo(a)anthracene	21.515	228	10830	0.331	ng/ul	99
22) Chrysene	21.565	228	12237	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	12155	0.320	ng/ul	89
25) Benzo(k)fluoranthene	23.254	252	13488	0.343	ng/ul#	88
26) Benzo(a)pyrene	23.836	252	10922	0.349	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.462	276	15141	0.425	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.488	278	12317	0.436	ng/ul#	93
29) Benzo(g,h,i)perylene	27.233	276	13053	0.429	ng/ul	94

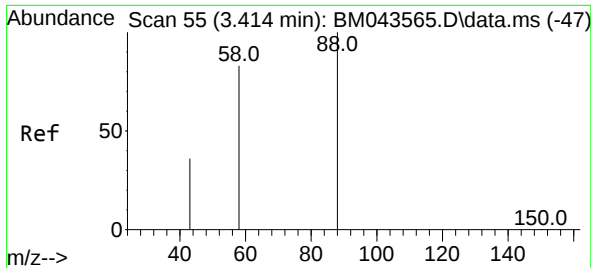
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 26 22:47:14 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

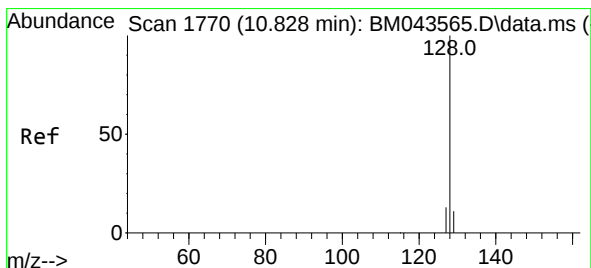
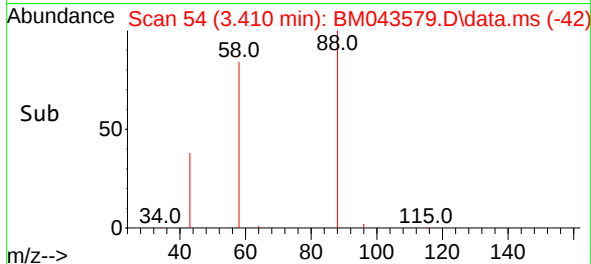
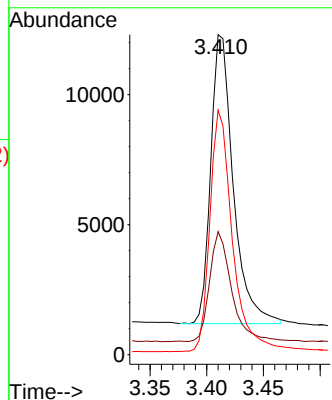
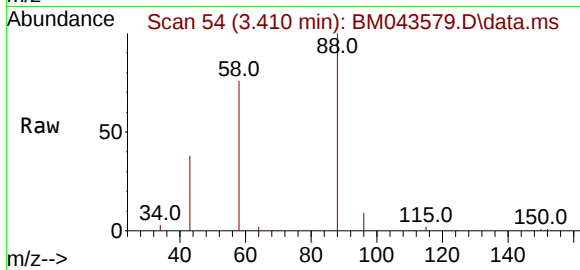




#2
1,4-Dioxane
Concen: 2.285 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

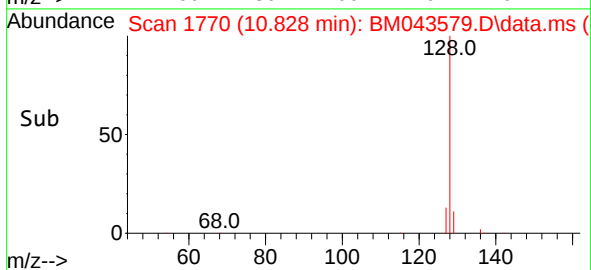
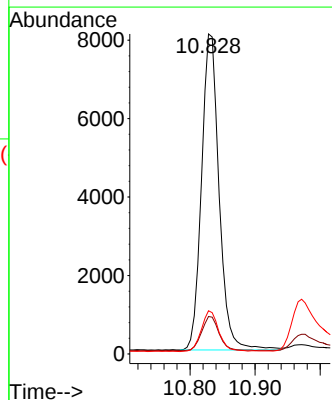
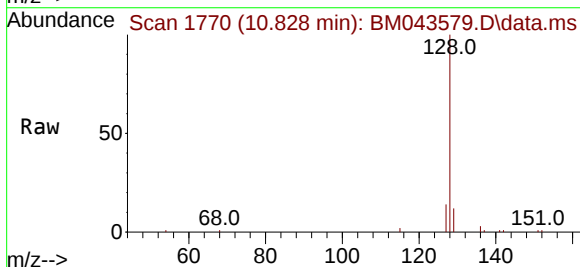
Instrument :
BNA_M
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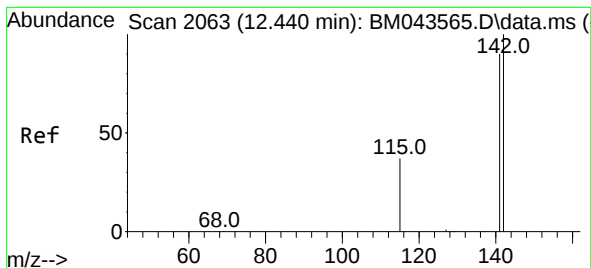
Tgt Ion: 88 Resp: 15344
Ion Ratio Lower Upper
88 100
43 38.4 27.9 41.9
58 76.4 43.4 65.2#



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion: 128 Resp: 15134
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.5 10.3 15.5

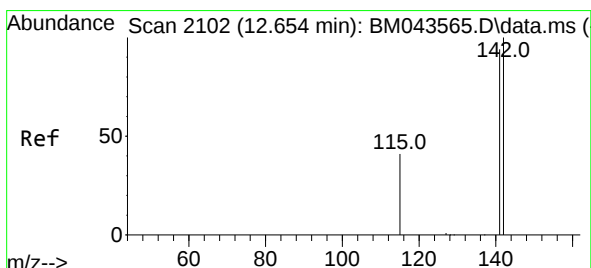
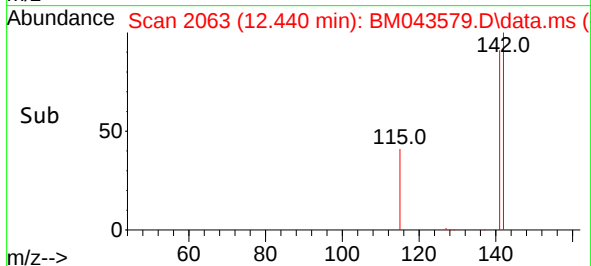
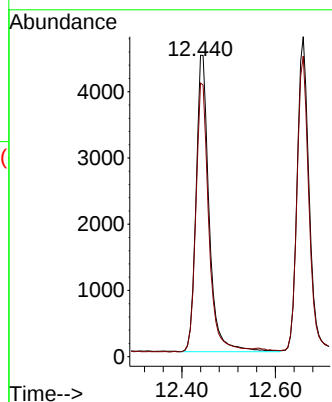
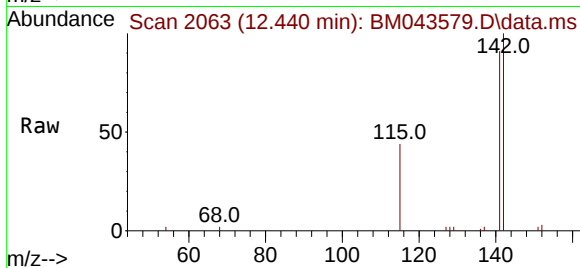




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

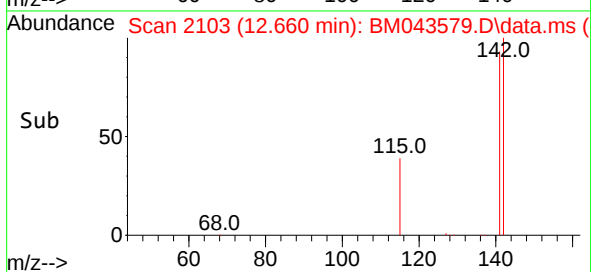
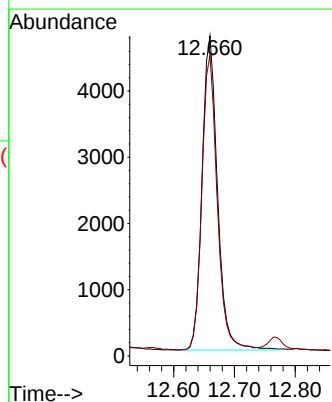
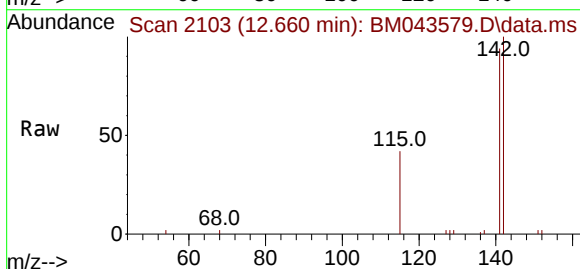
Instrument :
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ClientSampleId :
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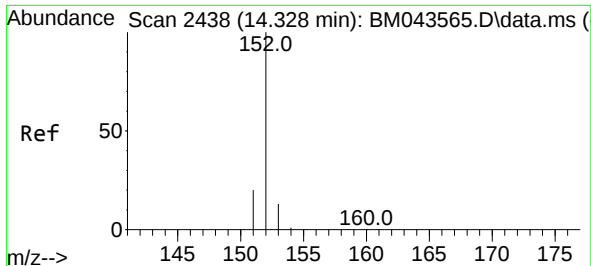
Tgt Ion:142 Resp: 8701
Ion Ratio Lower Upper
142 100
141 90.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:142 Resp: 8362
Ion Ratio Lower Upper
142 100
141 93.5 73.7 110.5

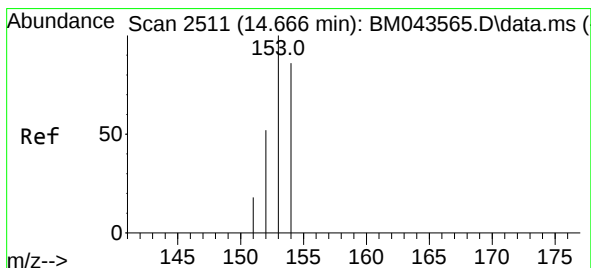
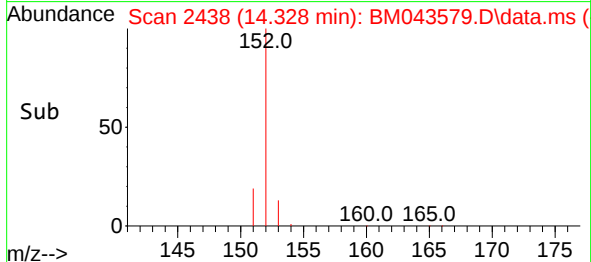
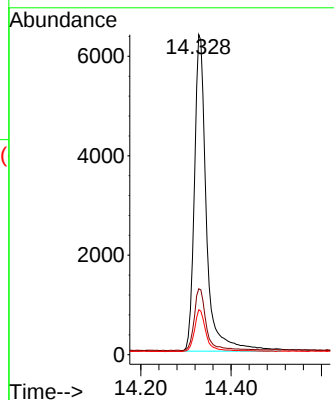
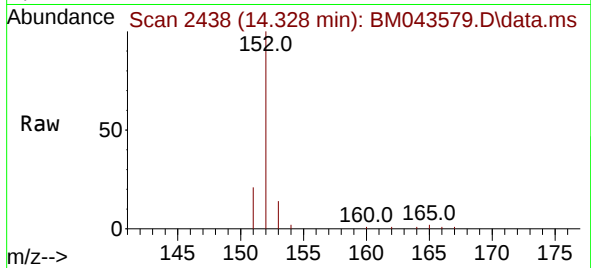




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

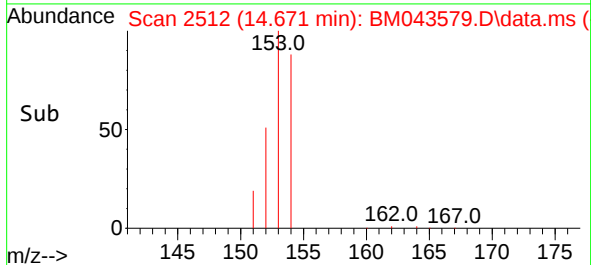
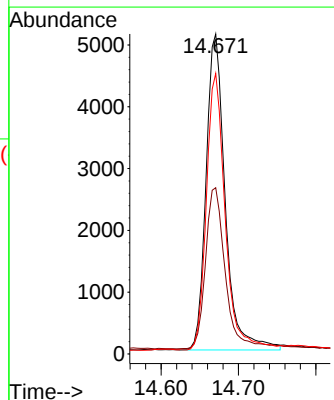
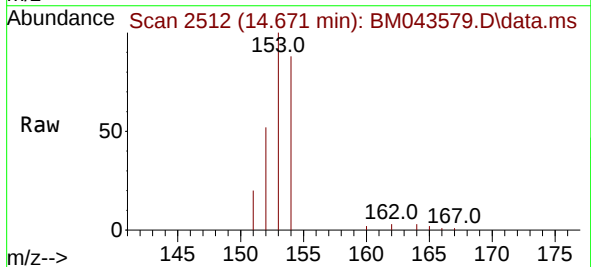
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BNA_M
ClientSampleId :
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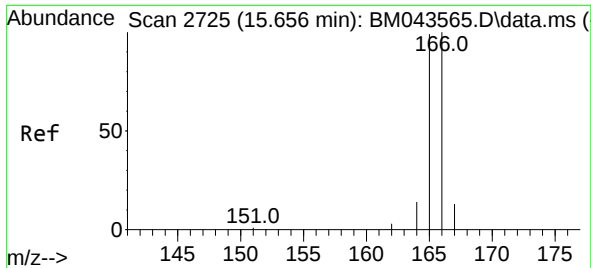
Tgt Ion:152 Resp: 11813
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.1 10.4 15.6



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.671 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:153 Resp: 8784
Ion Ratio Lower Upper
153 100
152 52.0 42.1 63.1
154 87.7 71.3 106.9

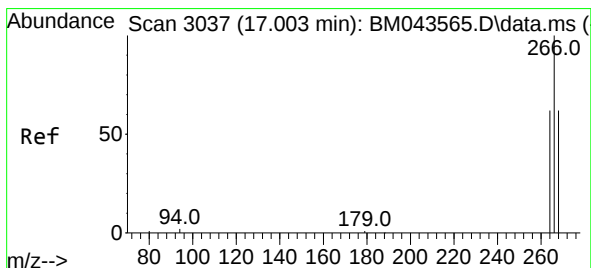
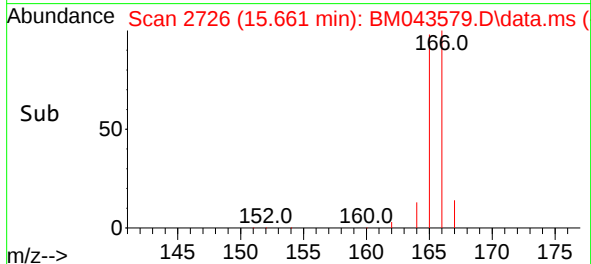
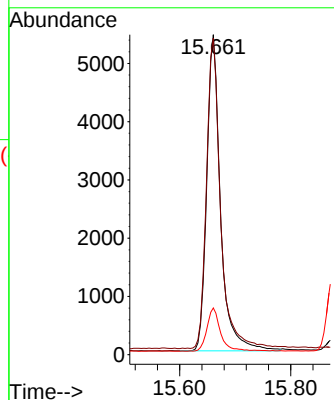
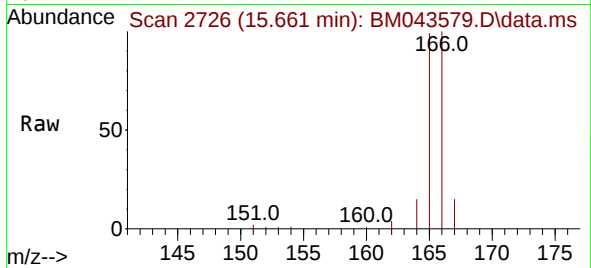




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043579.D
 Acq: 26 Dec 2023 18:44

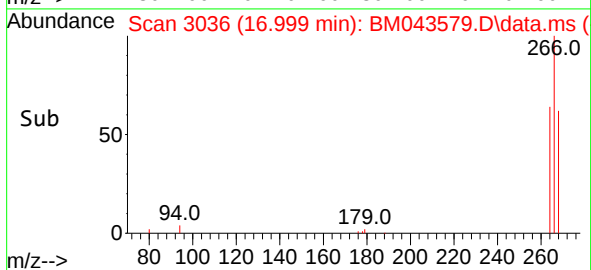
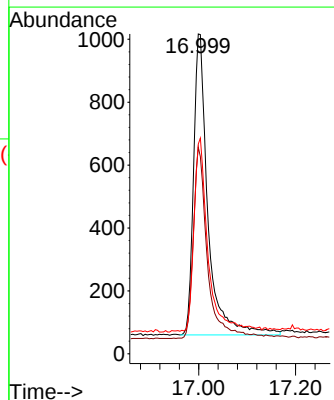
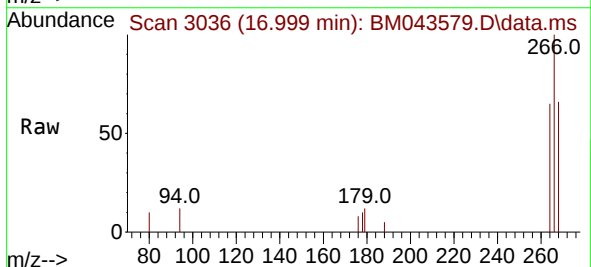
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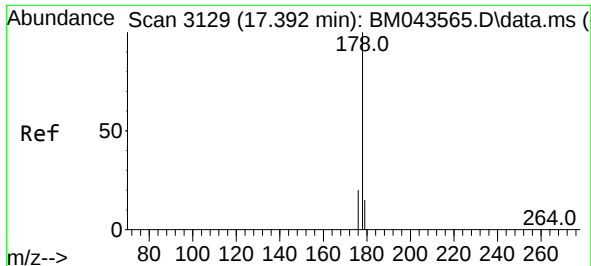
Tgt Ion:166 Resp: 9390
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.3 120.5
 167 14.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.720 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.009 min
 Lab File: BM043579.D
 Acq: 26 Dec 2023 18:44

Tgt Ion:266 Resp: 1982
 Ion Ratio Lower Upper
 266 100
 264 63.2 51.7 77.5
 268 62.8 51.9 77.9

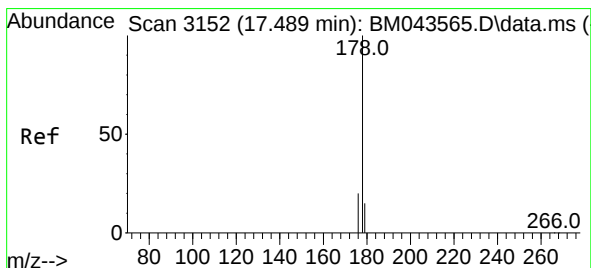
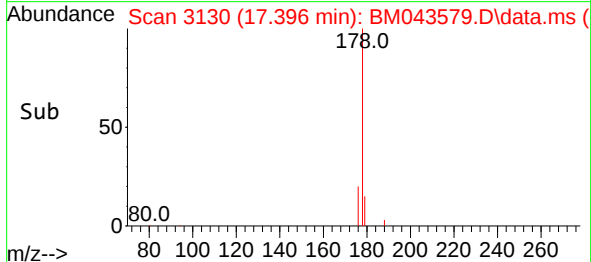
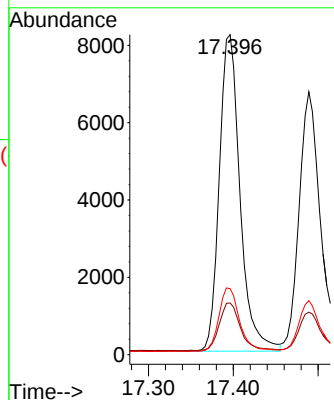
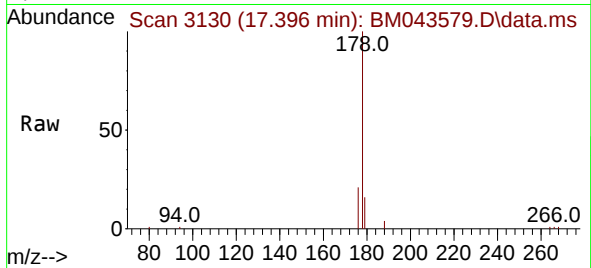




#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.396 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

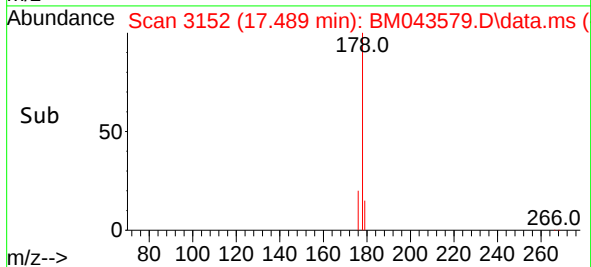
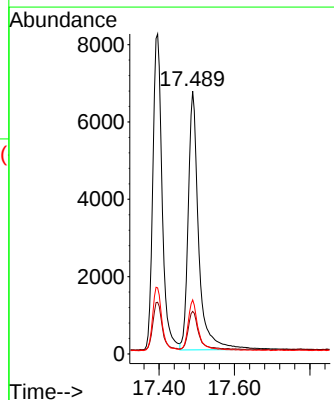
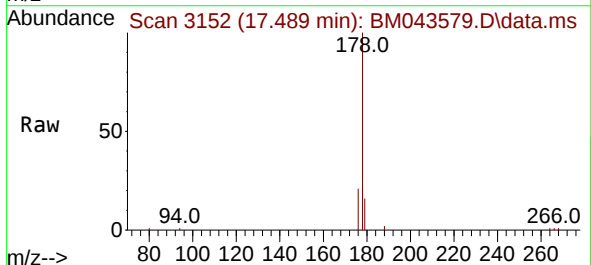
Instrument :
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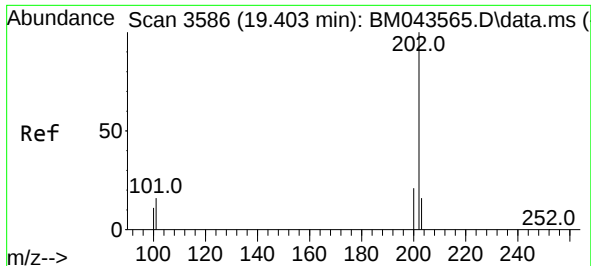
Tgt Ion:	178	Resp:	13913
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	20.6	16.2	24.2



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:	178	Resp:	12826
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	20.6	15.6	23.4

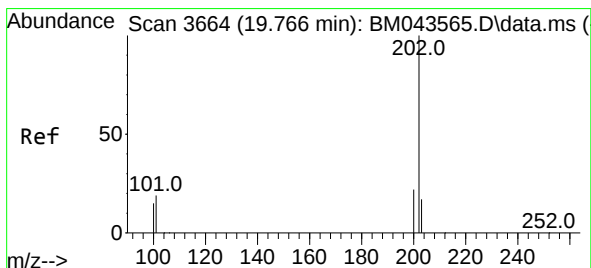
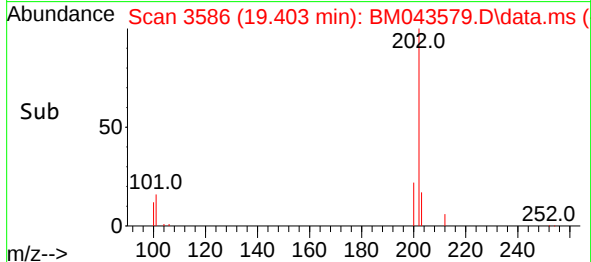
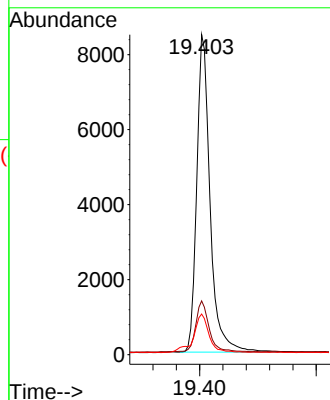
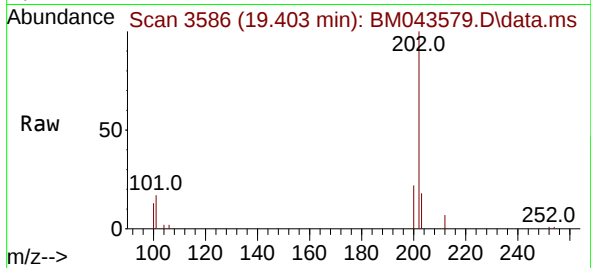




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

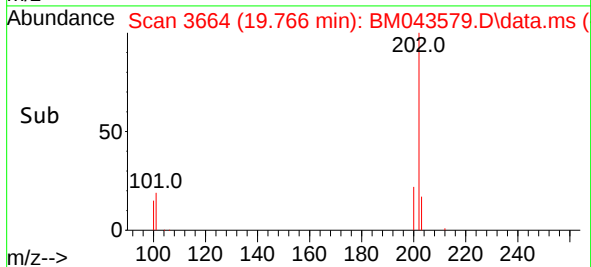
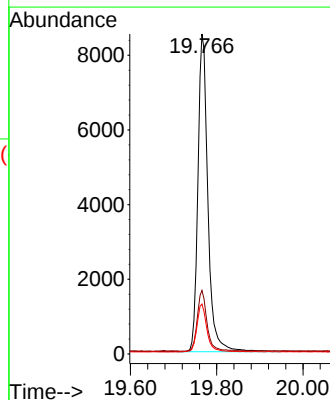
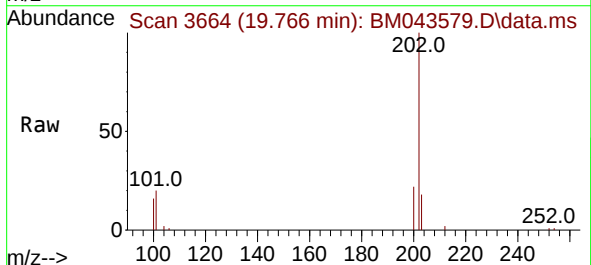
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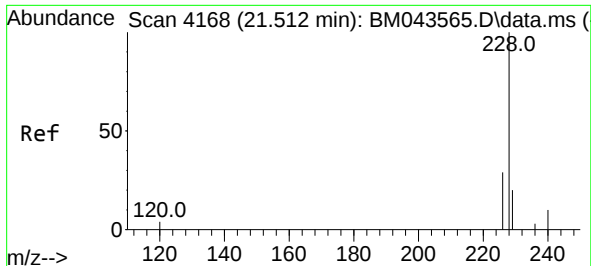
Tgt Ion:202 Resp: 13439
Ion Ratio Lower Upper
202 100
101 16.8 10.1 15.1#
100 12.7 7.4 11.2#



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:202 Resp: 13685
Ion Ratio Lower Upper
202 100
101 19.9 12.7 19.1#
100 15.6 9.8 14.8#

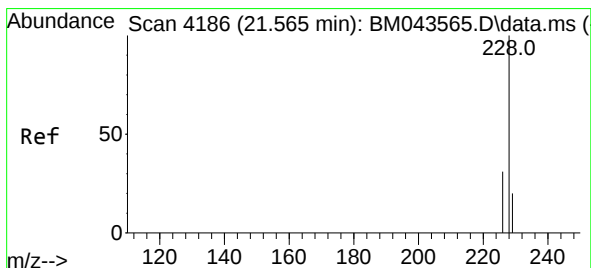
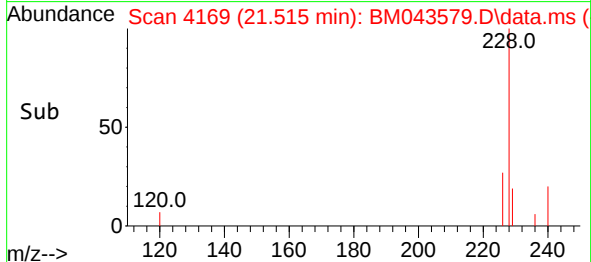
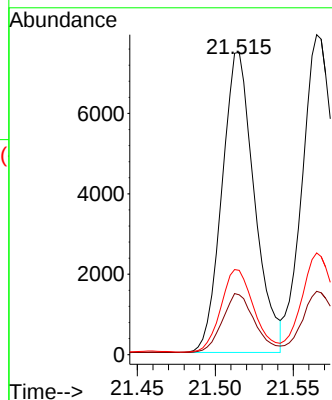
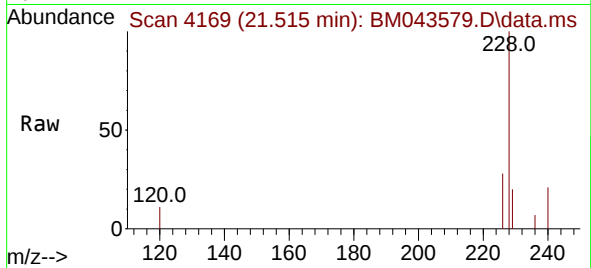




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

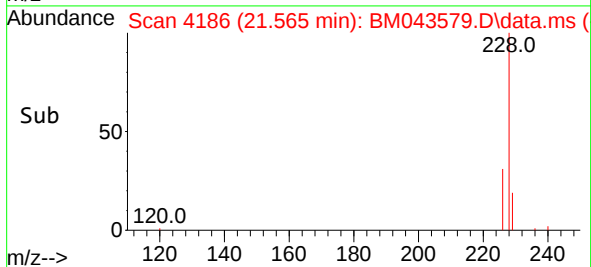
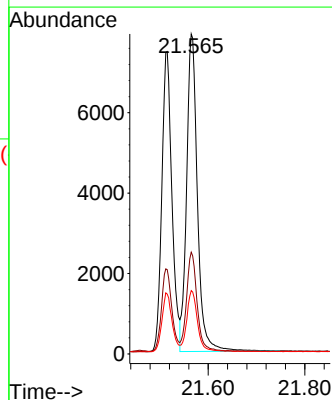
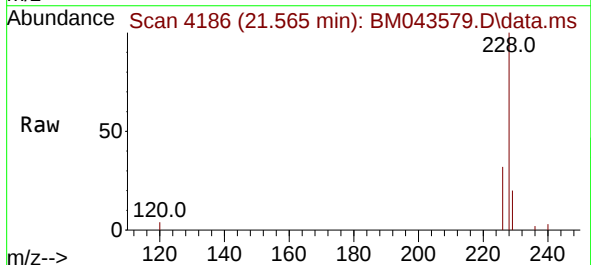
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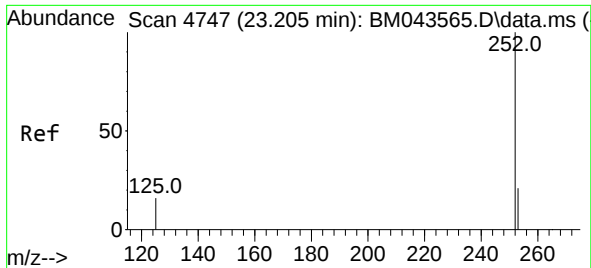
Tgt Ion:228 Resp: 10830
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.9 22.6 34.0



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.009 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:228 Resp: 12237
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 19.8 15.7 23.5

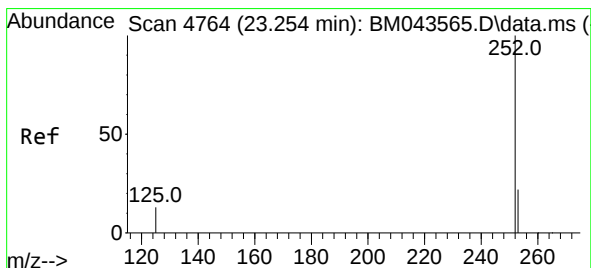
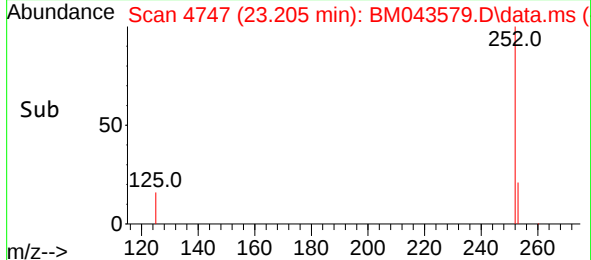
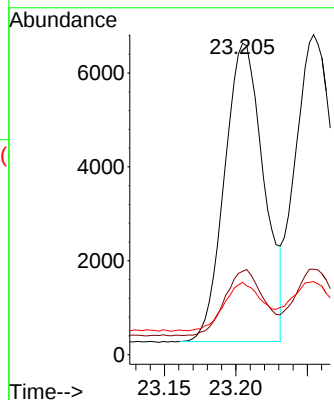
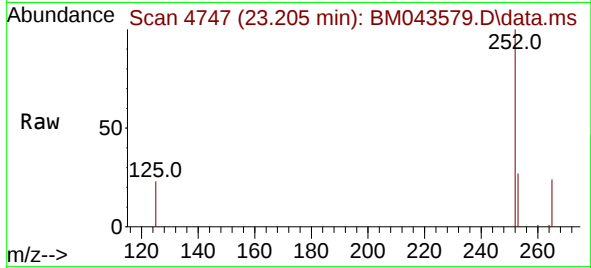




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

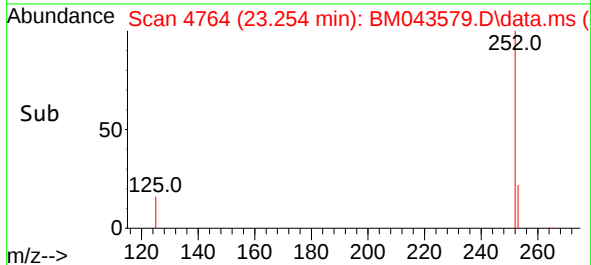
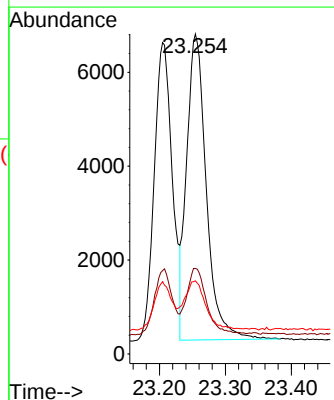
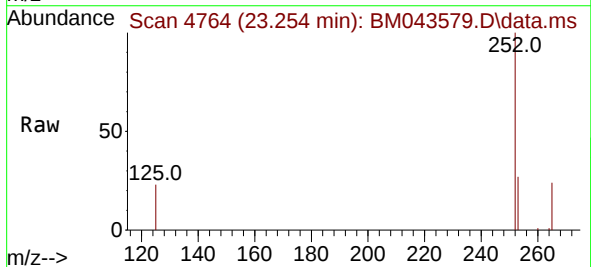
Instrument :
BNA_M
ClientSampleId :
SLCS029

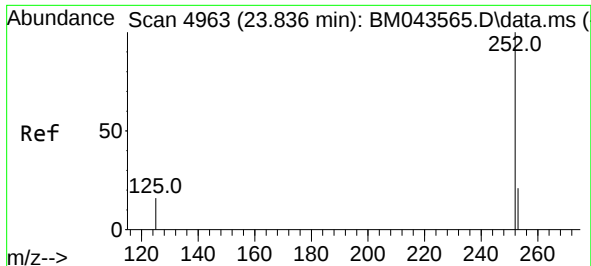
Tgt Ion:	252	Resp:	12155
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	48.8
125	23.2	0.0	29.2



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. -0.012 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:	252	Resp:	13488
Ion Ratio	Lower	Upper	
252	100		
253	26.7	18.6	28.0
125	22.8	11.8	17.8#

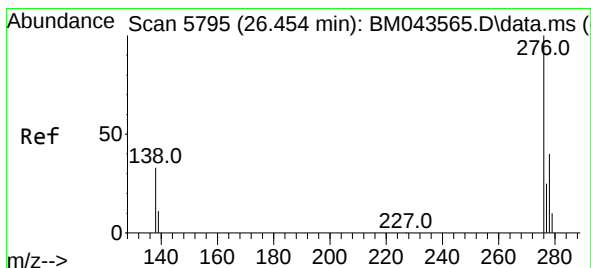
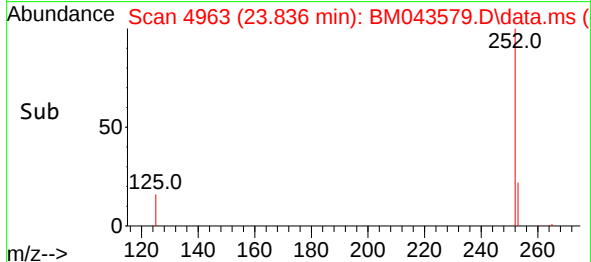
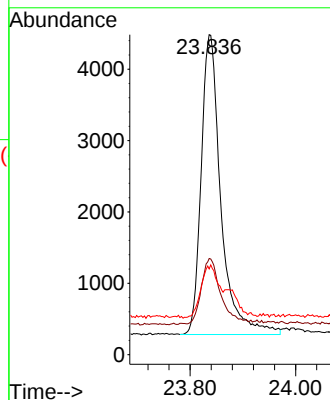
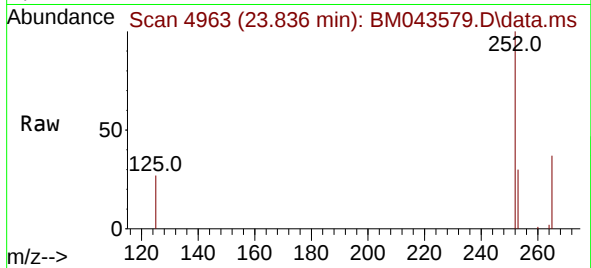




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.836 min Scan# 4963
Delta R.T. -0.012 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

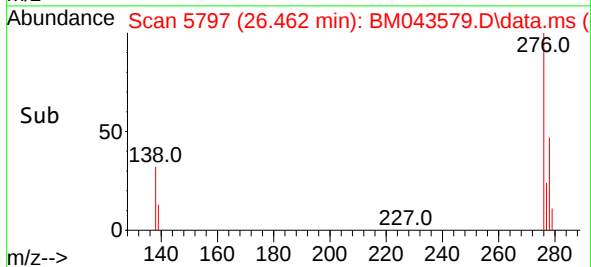
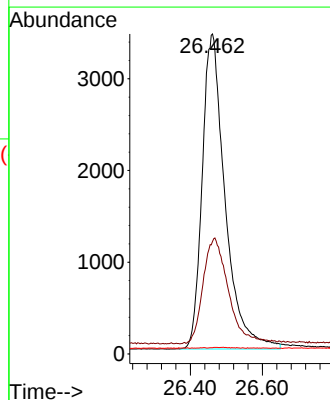
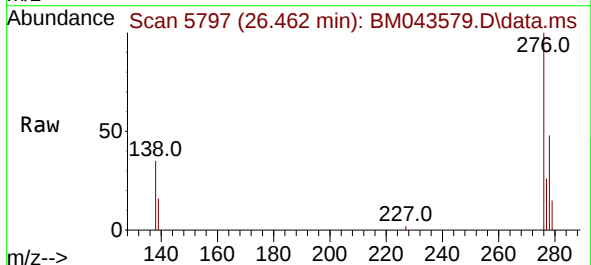
Instrument :
BNA_M
ClientSampleId :
SLCS029

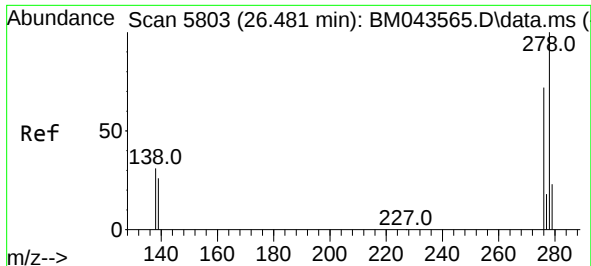
Tgt Ion:252 Resp: 10922
Ion Ratio Lower Upper
252 100
253 30.0 20.2 30.2
125 26.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.462 min Scan# 5797
Delta R.T. -0.014 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:276 Resp: 15141
Ion Ratio Lower Upper
276 100
138 36.8 24.6 36.8
227 0.1 0.0 0.0#

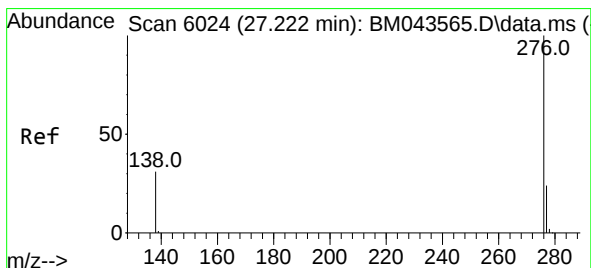
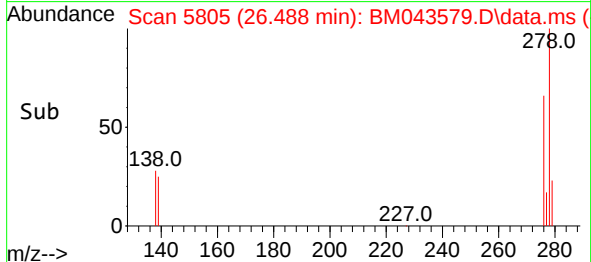
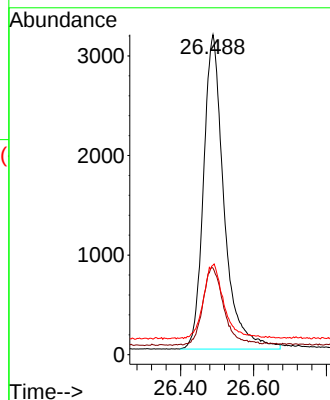
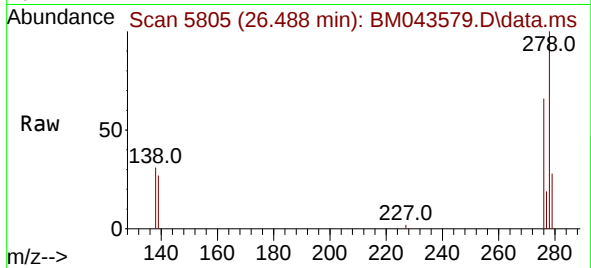




#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. -0.010 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Instrument :
BNA_M
ClientSampleId :
SLCS029

Tgt Ion:278 Resp: 12317
Ion Ratio Lower Upper
278 100
139 27.1 17.4 26.2#
279 27.9 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM043579.D
Acq: 26 Dec 2023 18:44

Tgt Ion:276 Resp: 13053
Ion Ratio Lower Upper
276 100
138 33.5 23.1 34.7
277 25.2 19.4 29.0

