

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043179.D
 Acq On : 04 Dec 2023 16:57
 Operator : MA/JU
 Sample : PB157549BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS549

Quant Time: Dec 04 17:35:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:54:55 2023
 Response via : Initial Calibration

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

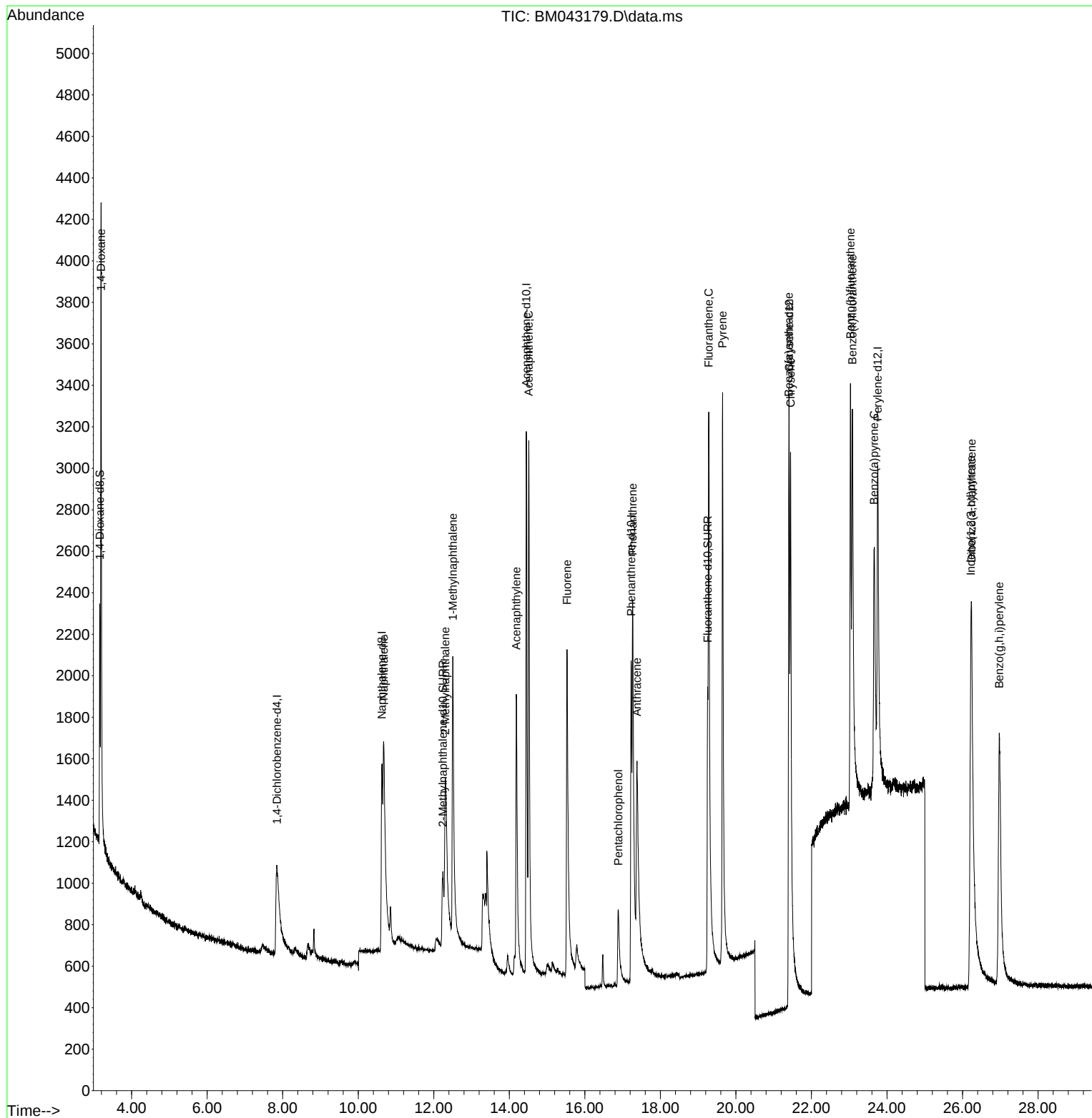
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	1035	0.400	ng/ul	0.02
4) Naphthalene-d8	10.627	136	3423	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.224	188	3897	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	2386	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	3086	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	826	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152	1399	0.305	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	2730	0.314	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	2291	1.343	ng/ul#	86
5) Naphthalene	10.677	128	2489	0.268	ng/ul	99
7) 2-Methylnaphthalene	12.304	142	1472	0.268	ng/ul	98
8) 1-Methylnaphthalene	12.508	142	1587	0.259	ng/ul	97
10) Acenaphthylene	14.186	152	2734	0.269	ng/ul	98
11) Acenaphthene	14.515	153	2111	0.274	ng/ul	98
12) Fluorene	15.528	166	2133	0.270	ng/ul	98
14) Pentachlorophenol	16.887	266	658	0.624	ng/ul	94
15) Phenanthrene	17.266	178	3091	0.278	ng/ul	99
16) Anthracene	17.380	178	3227	0.306	ng/ul	98
19) Fluoranthene	19.280	202	3951	0.292	ng/ul	99
20) Pyrene	19.647	202	4066	0.283	ng/ul	97
21) Benzo(a)anthracene	21.400	228	2438	0.315	ng/ul	99
22) Chrysene	21.447	228	4083	0.283	ng/ul	98
24) Benzo(b)fluoranthene	23.034	252	3201	0.307	ng/ul	99
25) Benzo(k)fluoranthene	23.084	252	4354	0.304	ng/ul	99
26) Benzo(a)pyrene	23.660	252	3368	0.296	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.222	276	4475	0.291	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.239	278	3386	0.285	ng/ul	95
29) Benzo(g,h,i)perylene	26.973	276	4097	0.274	ng/ul	99

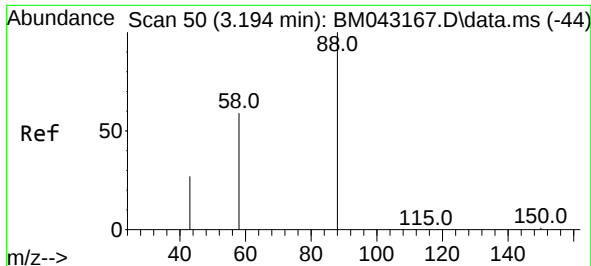
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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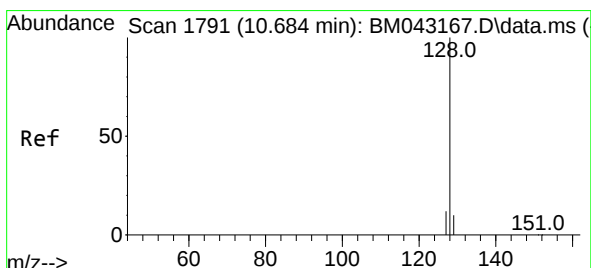
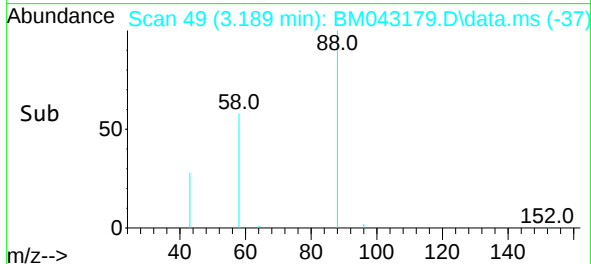
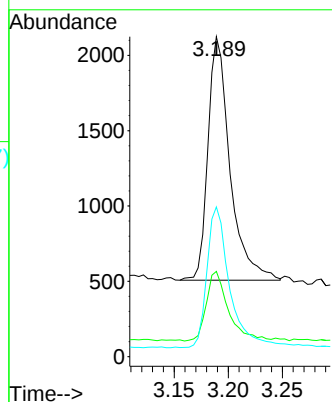
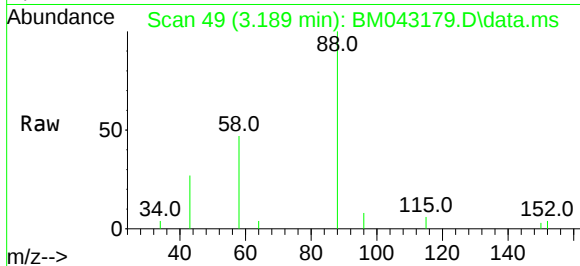




#2
1,4-Dioxane
Concen: 1.343 ng/ul
RT: 3.189 min Scan# 49
Delta R.T. -0.008 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

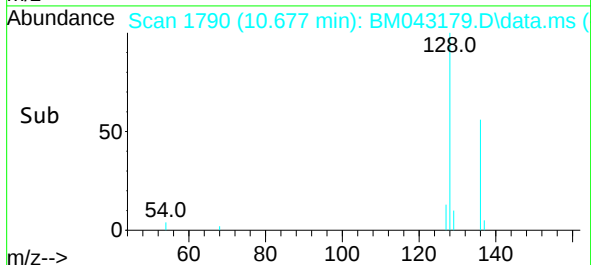
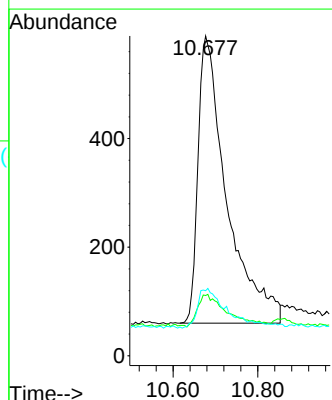
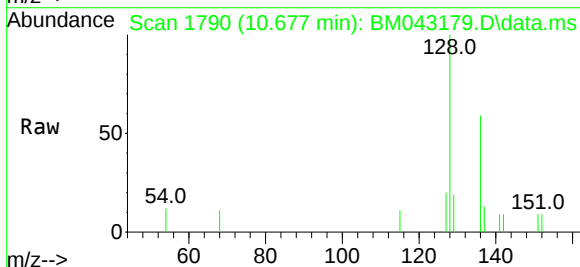
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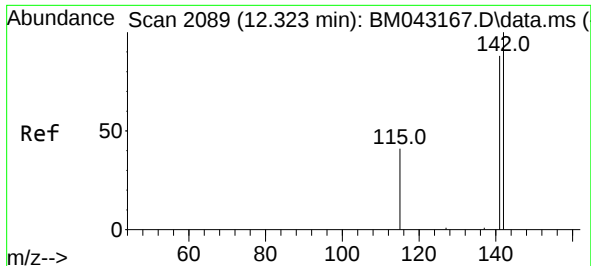
Tgt Ion: 88 Resp: 2291
Ion Ratio Lower Upper
88 100
43 26.6 22.8 34.2
58 46.8 26.8 40.2#



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.677 min Scan# 1790
Delta R.T. 0.010 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion: 128 Resp: 2489
Ion Ratio Lower Upper
128 100
129 18.8 16.0 24.0
127 20.4 16.5 24.7

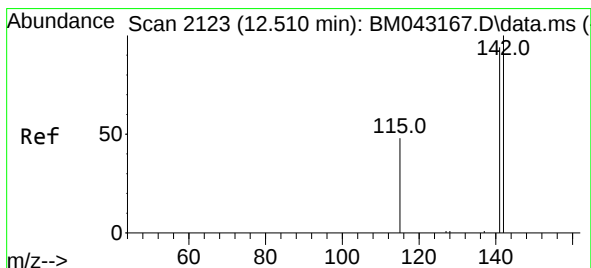
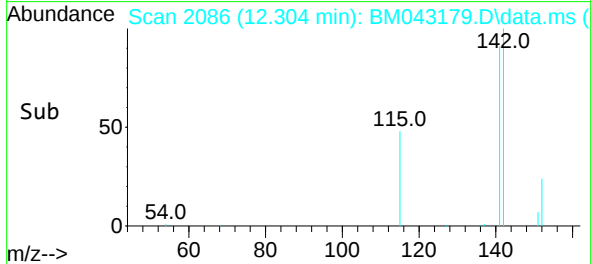
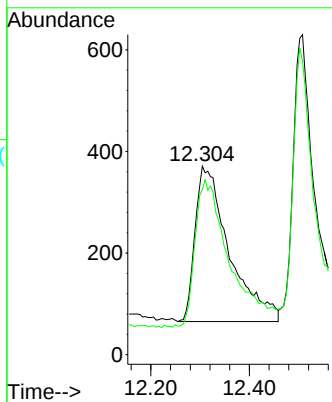
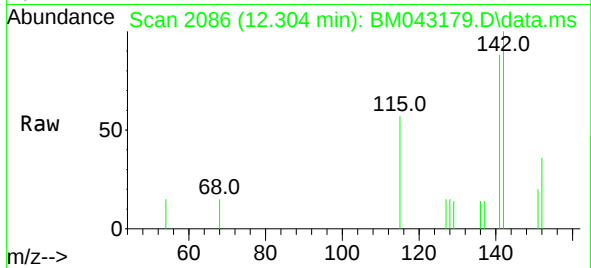




#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.304 min Scan# 2086
Delta R.T. 0.010 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

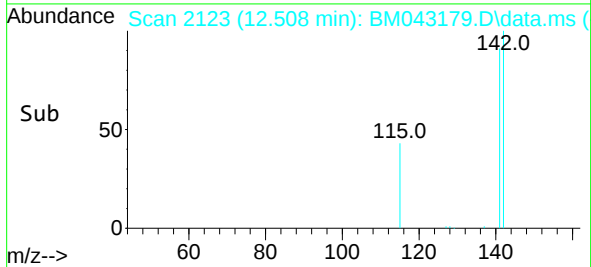
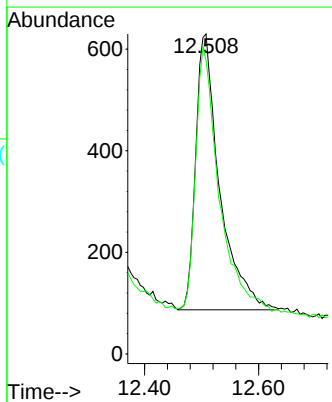
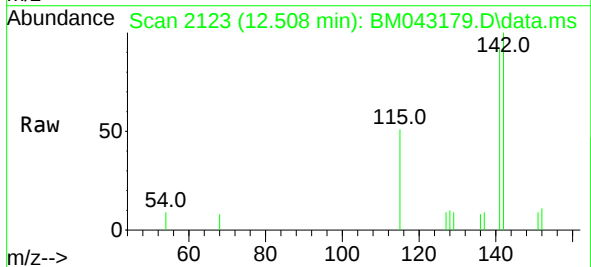
Instrument :
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ClientSampleId :
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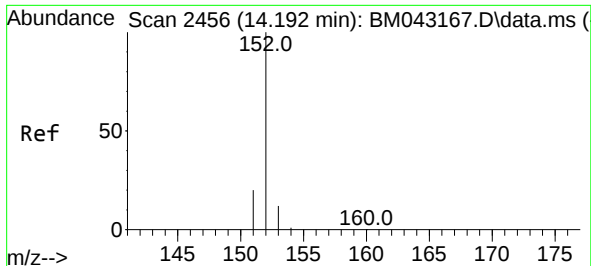
Tgt Ion:142 Resp: 1472
Ion Ratio Lower Upper
142 100
141 97.4 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.508 min Scan# 2123
Delta R.T. 0.010 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion:142 Resp: 1587
Ion Ratio Lower Upper
142 100
141 94.8 73.8 110.8

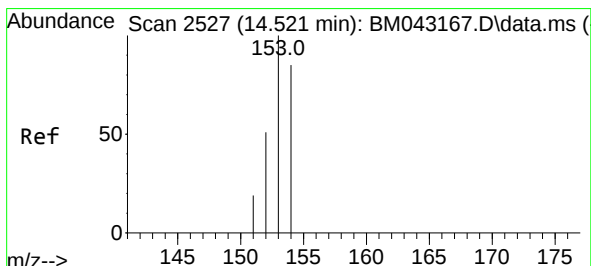
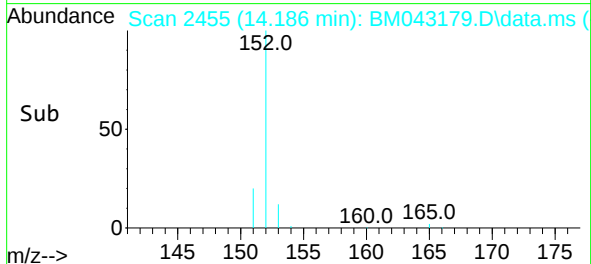
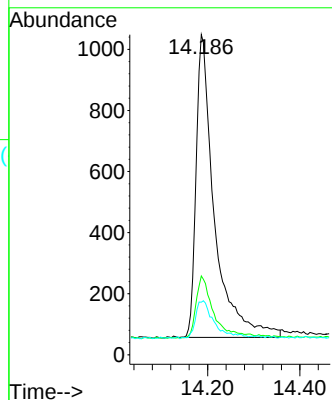
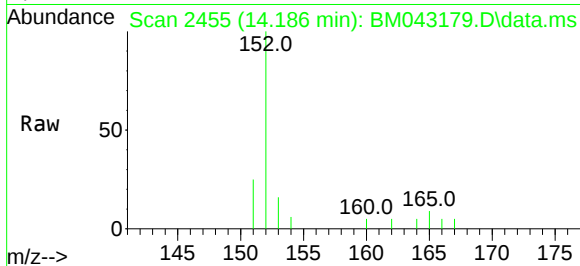




#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 14.186 min Scan# 2455
Delta R.T. 0.003 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

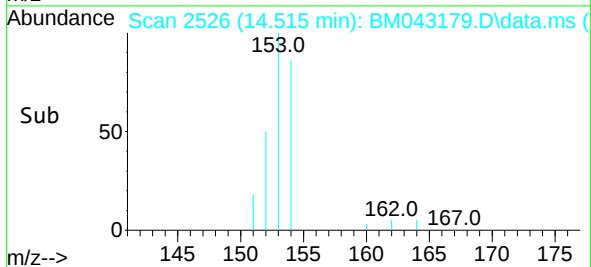
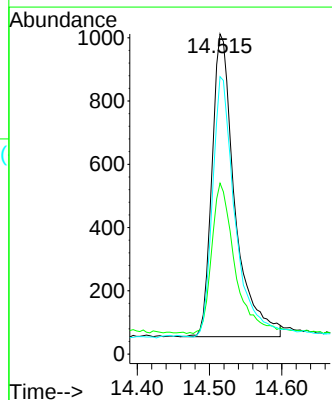
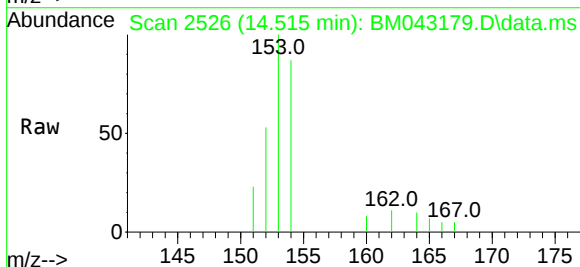
Instrument :
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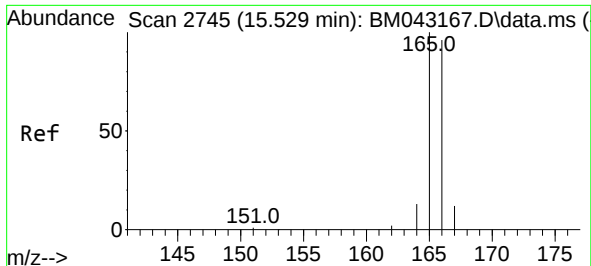
Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.6	19.4	29.0
153	16.4	14.6	21.8



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.4	43.9	65.9
154	86.7	70.6	105.8

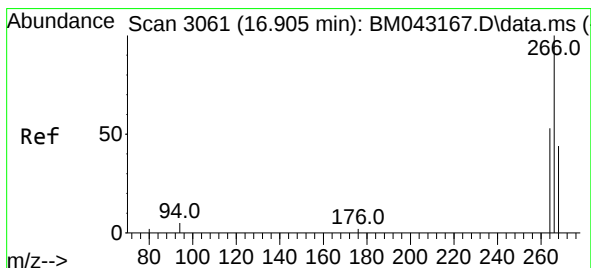
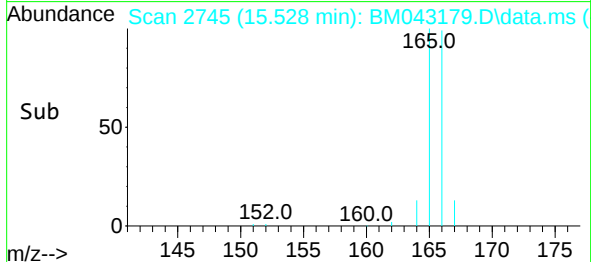
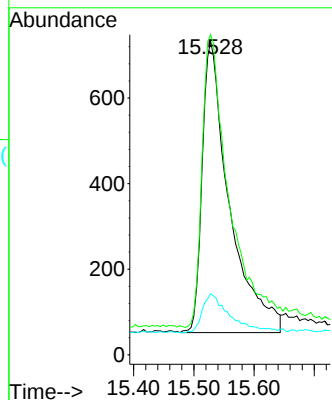
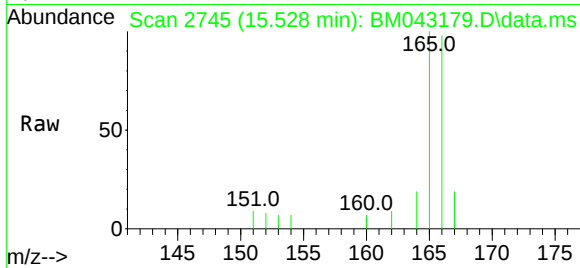




#12
 Fluorene
 Concen: 0.270 ng/ul
 RT: 15.528 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: BM043179.D
 Acq: 04 Dec 2023 16:57

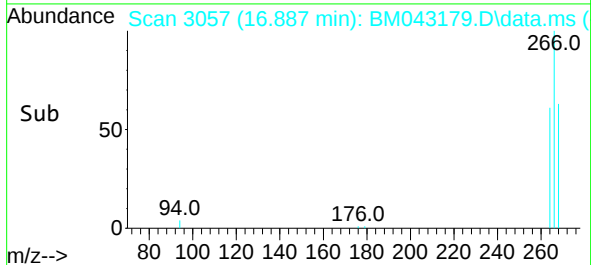
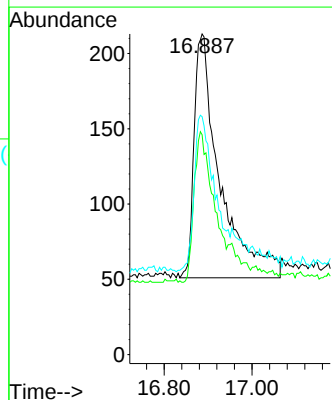
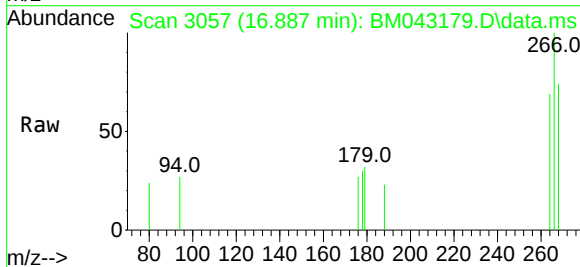
Instrument :
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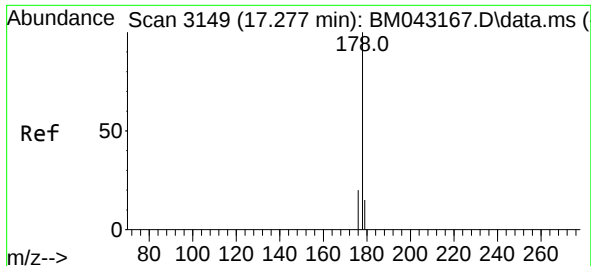
Tgt Ion:166 Resp: 2133
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.9 119.9
 167 19.5 14.2 21.4



#14
 Pentachlorophenol
 Concen: 0.624 ng/ul
 RT: 16.887 min Scan# 3057
 Delta R.T. 0.007 min
 Lab File: BM043179.D
 Acq: 04 Dec 2023 16:57

Tgt Ion:266 Resp: 658
 Ion Ratio Lower Upper
 266 100
 264 55.0 48.8 73.2
 268 67.3 51.8 77.6

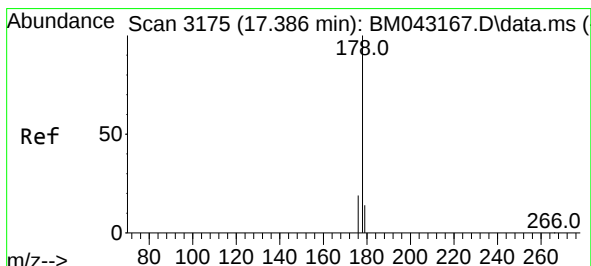
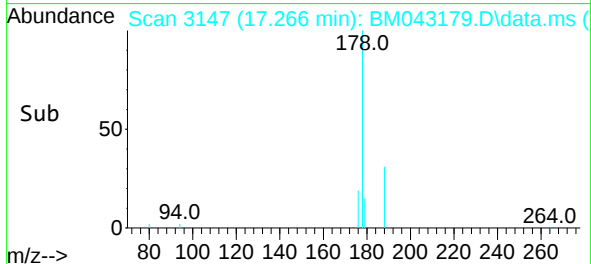
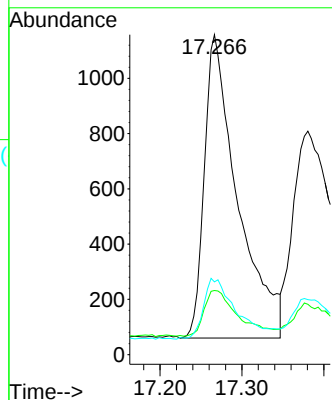
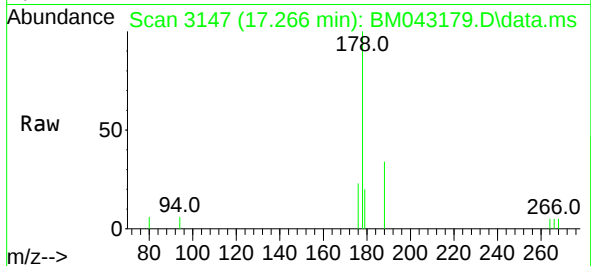




#15
Phenanthrene
Concen: 0.278 ng/ul
RT: 17.266 min Scan# 3147
Delta R.T. 0.007 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

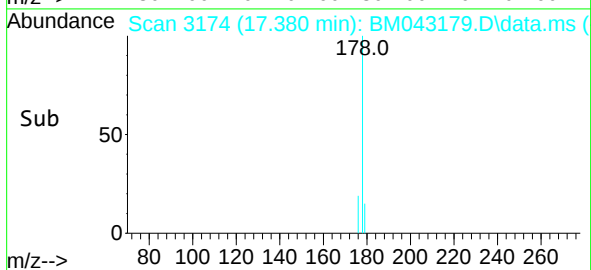
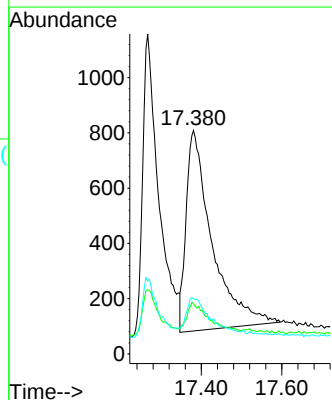
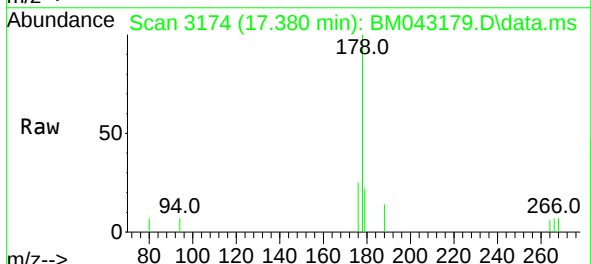
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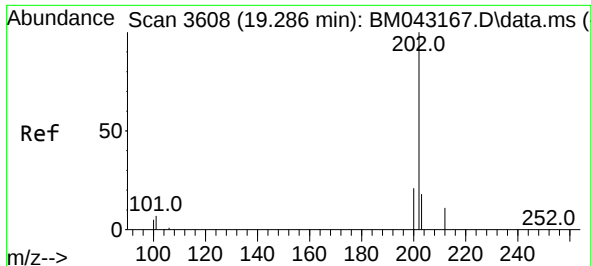
Tgt Ion:178 Resp: 3091
Ion Ratio Lower Upper
178 100
179 20.0 15.7 23.5
176 22.7 18.9 28.3



#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.380 min Scan# 3174
Delta R.T. 0.020 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion:178 Resp: 3227
Ion Ratio Lower Upper
178 100
179 22.5 17.3 25.9
176 24.6 20.5 30.7

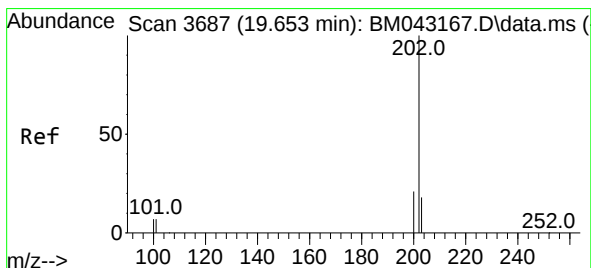
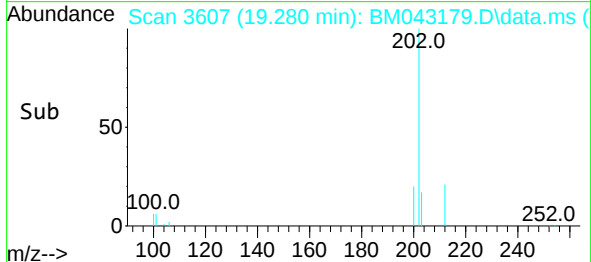
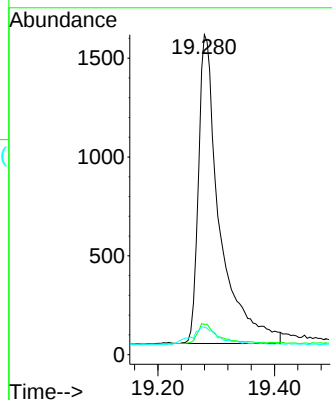
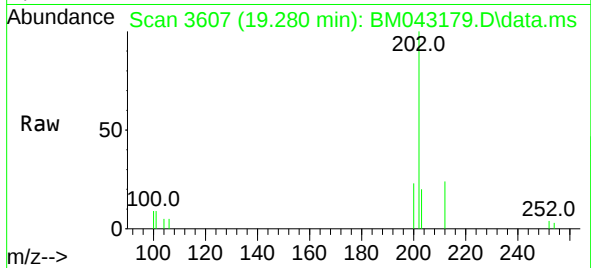




#19
Fluoranthene
Concen: 0.292 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. 0.008 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

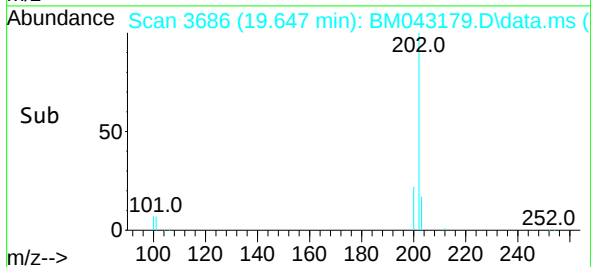
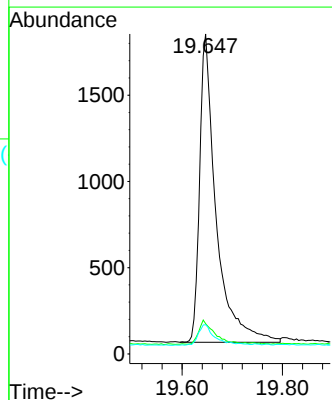
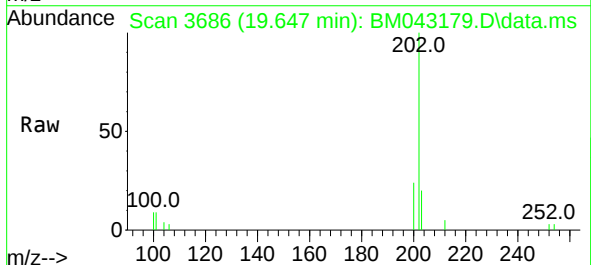
Instrument :
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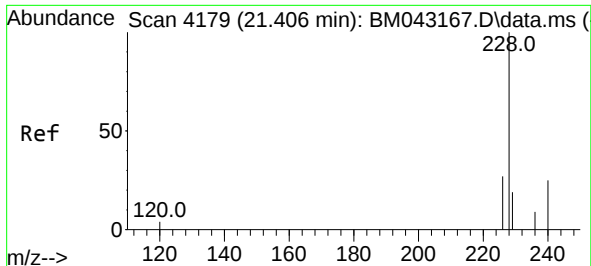
Tgt Ion:202 Resp: 3951
Ion Ratio Lower Upper
202 100
101 9.5 7.8 11.8
100 8.5 7.1 10.7



#20
Pyrene
Concen: 0.283 ng/ul
RT: 19.647 min Scan# 3686
Delta R.T. 0.008 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion:202 Resp: 4066
Ion Ratio Lower Upper
202 100
101 9.4 8.7 13.1
100 9.1 7.8 11.8

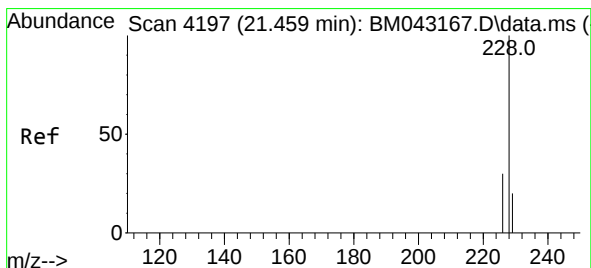
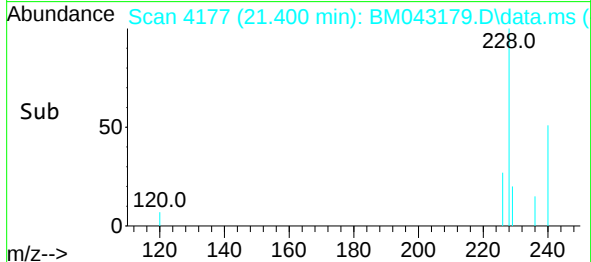
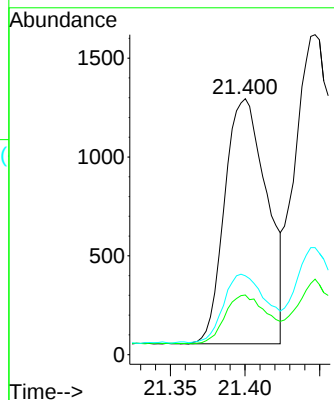
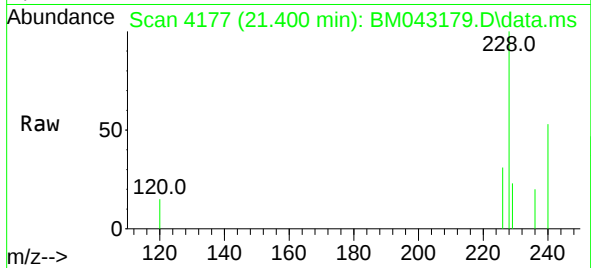




#21
Benzo(a)anthracene
Concen: 0.315 ng/u1
RT: 21.400 min Scan# 4177
Delta R.T. 0.012 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

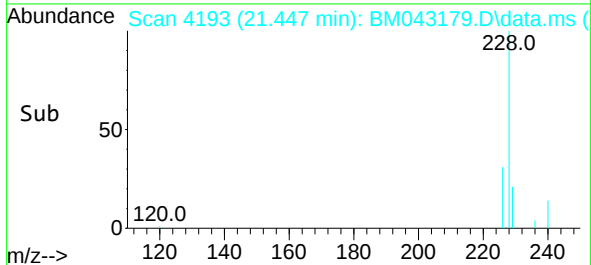
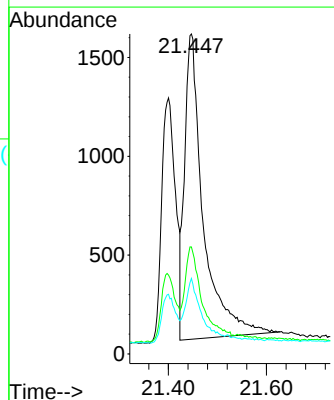
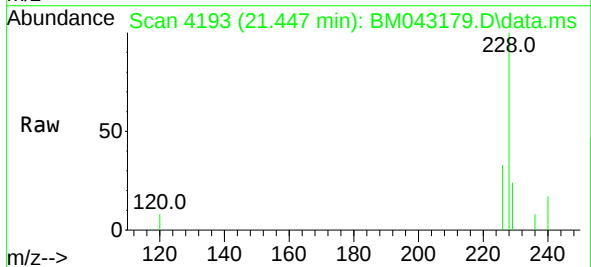
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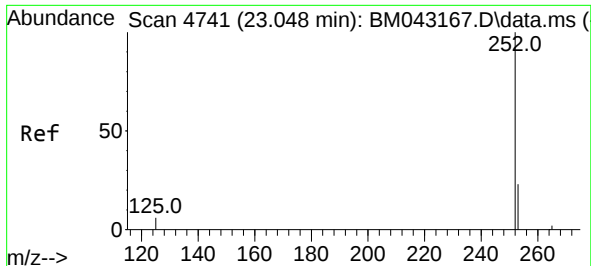
Tgt Ion:228 Resp: 2438
Ion Ratio Lower Upper
228 100
229 23.3 19.4 29.0
226 30.8 24.9 37.3



#22
Chrysene
Concen: 0.283 ng/u1
RT: 21.447 min Scan# 4193
Delta R.T. 0.009 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion:228 Resp: 4083
Ion Ratio Lower Upper
228 100
226 33.4 27.2 40.8
229 23.6 18.0 27.0

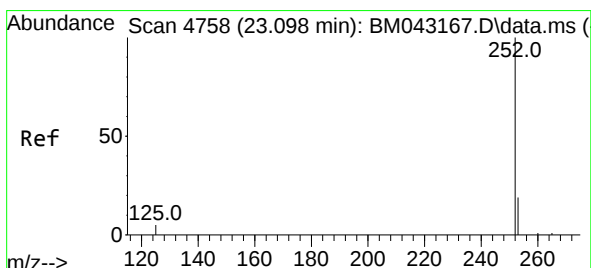
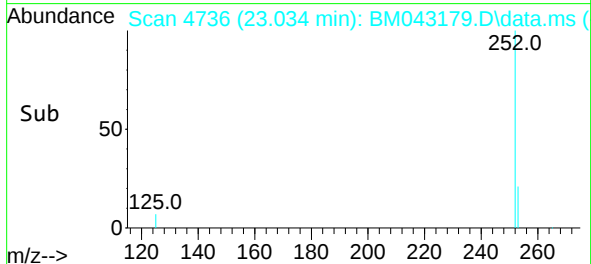
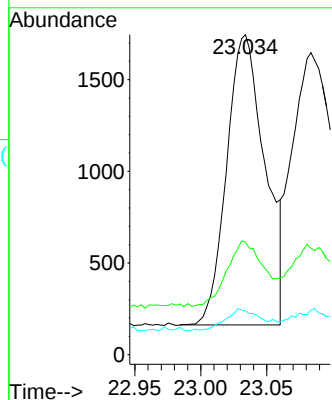
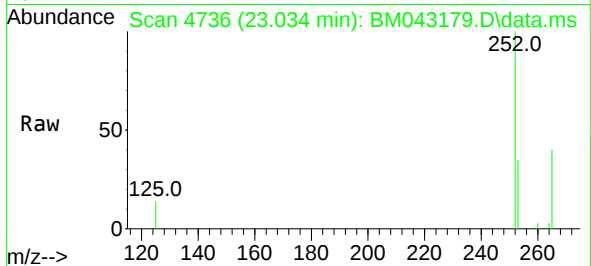




#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. 0.006 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

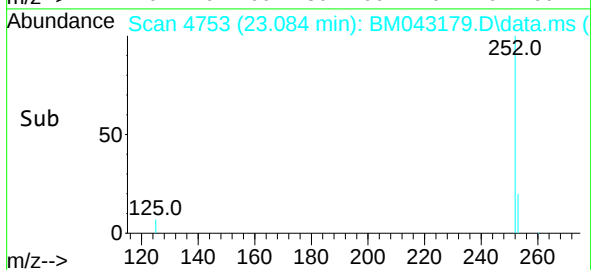
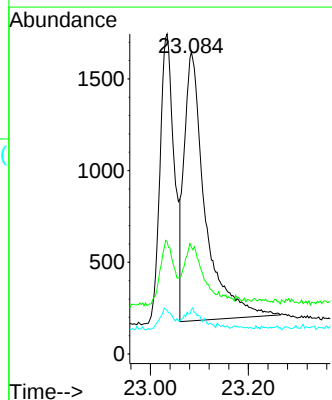
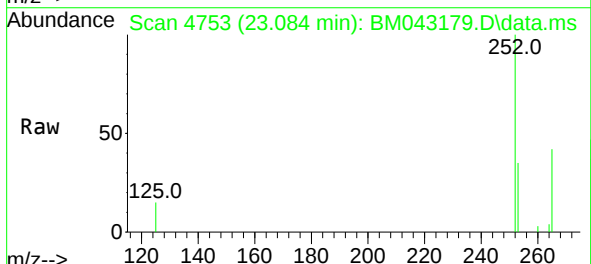
Instrument :
BNA_M
ClientSampleId :
SLCS549

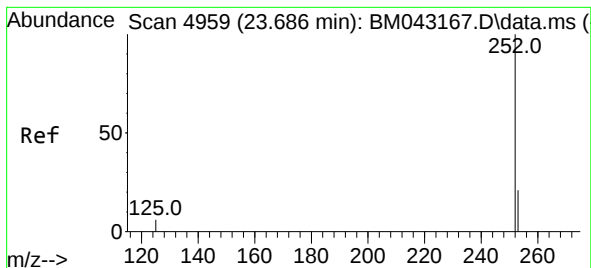
Tgt Ion:252	Resp:	3201
Ion Ratio	Lower	Upper
252	100	
253	35.2	0.0 71.8
125	13.6	0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BM043179.D
Acq: 04 Dec 2023 16:57

Tgt Ion:252	Resp:	4354
Ion Ratio	Lower	Upper
252	100	
253	35.3	28.2 42.2
125	14.8	11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.296 ng/ul

RT: 23.660 min Scan# 4959

Delta R.T. 0.009 min

Lab File: BM043179.D

Acq: 04 Dec 2023 16:57

Instrument :

BNA_M

ClientSampleId :

SLCS549

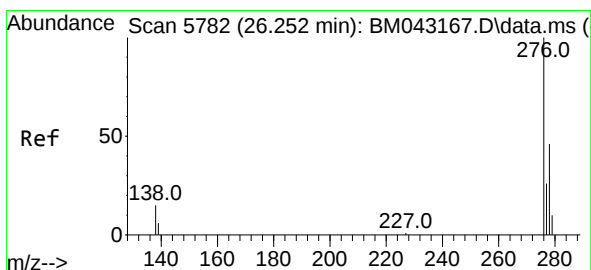
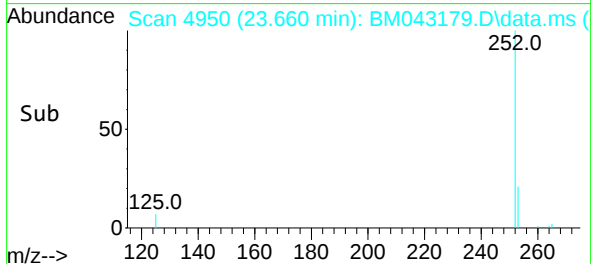
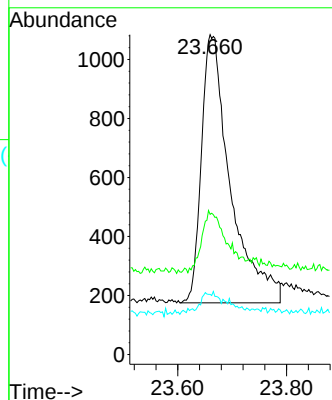
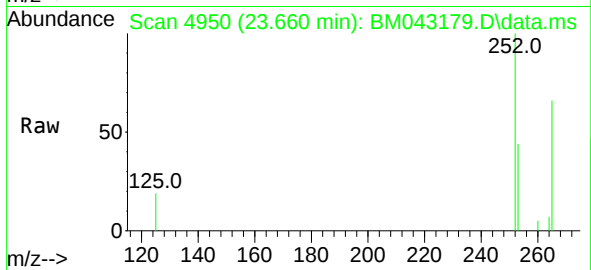
Tgt Ion:252 Resp: 3368

Ion Ratio Lower Upper

252 100

253 43.8 36.6 55.0

125 18.8 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.291 ng/ul

RT: 26.222 min Scan# 5773

Delta R.T. 0.017 min

Lab File: BM043179.D

Acq: 04 Dec 2023 16:57

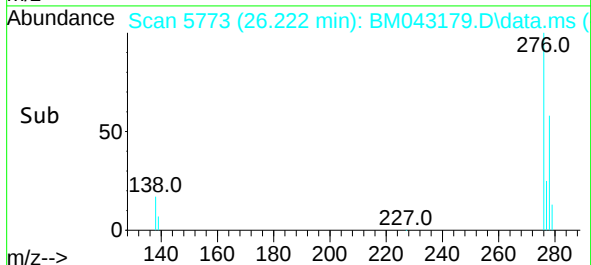
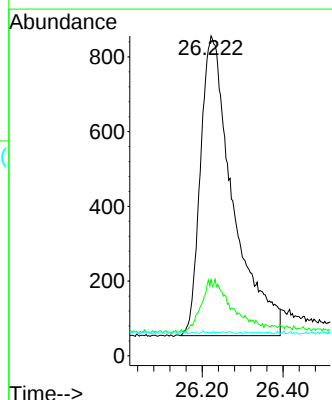
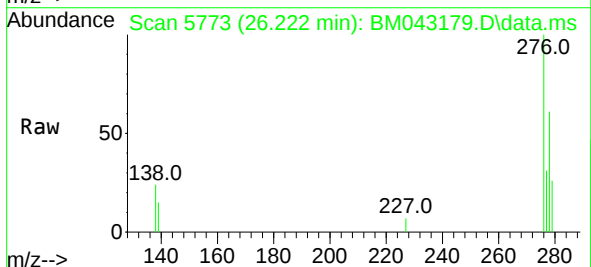
Tgt Ion:276 Resp: 4475

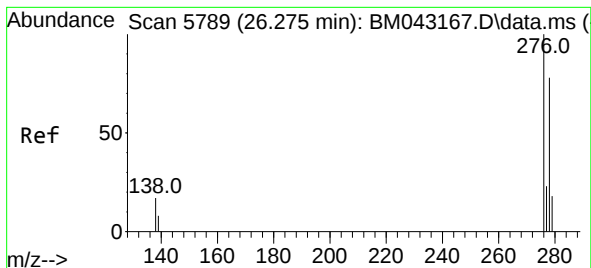
Ion Ratio Lower Upper

276 100

138 16.4 0.0 0.0#

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.285 ng/ul

RT: 26.239 min Scan# 51

Delta R.T. 0.027 min

Lab File: BM043179.D

Acq: 04 Dec 2023 16:57

Instrument :

BNA_M

ClientSampleId :

SLCS549

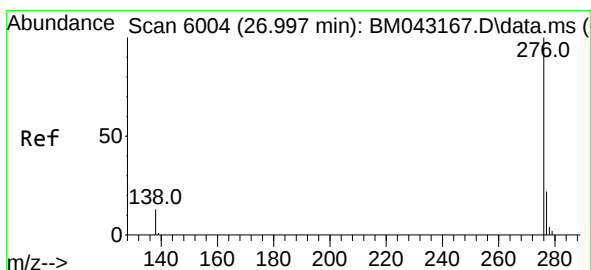
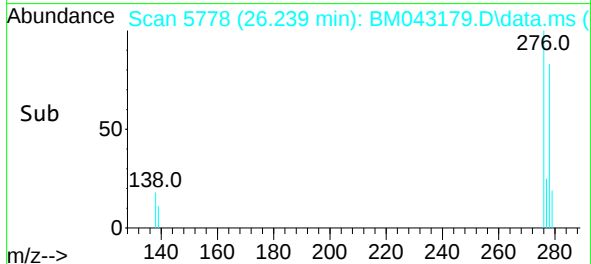
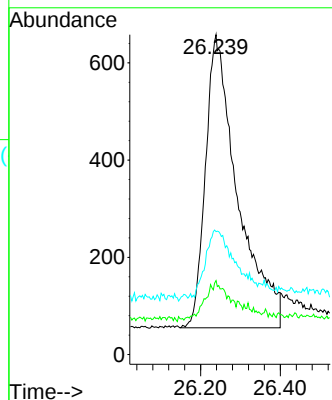
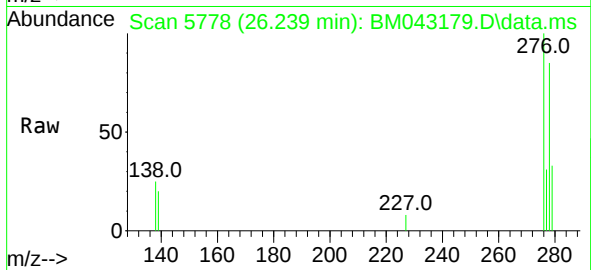
Tgt Ion:278 Resp: 3386

Ion Ratio Lower Upper

278 100

139 23.1 18.1 27.1

279 38.4 34.4 51.6



#29

Benzo(g,h,i)perylene

Concen: 0.274 ng/ul

RT: 26.973 min Scan# 5997

Delta R.T. 0.014 min

Lab File: BM043179.D

Acq: 04 Dec 2023 16:57

Tgt Ion:276 Resp: 4097

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.8

277 29.5 23.8 35.8

