

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043059.D
 Acq On : 27 Nov 2023 21:14
 Operator : MA/JU
 Sample : PB157276BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS276

Quant Time: Nov 28 00:23:45 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 : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

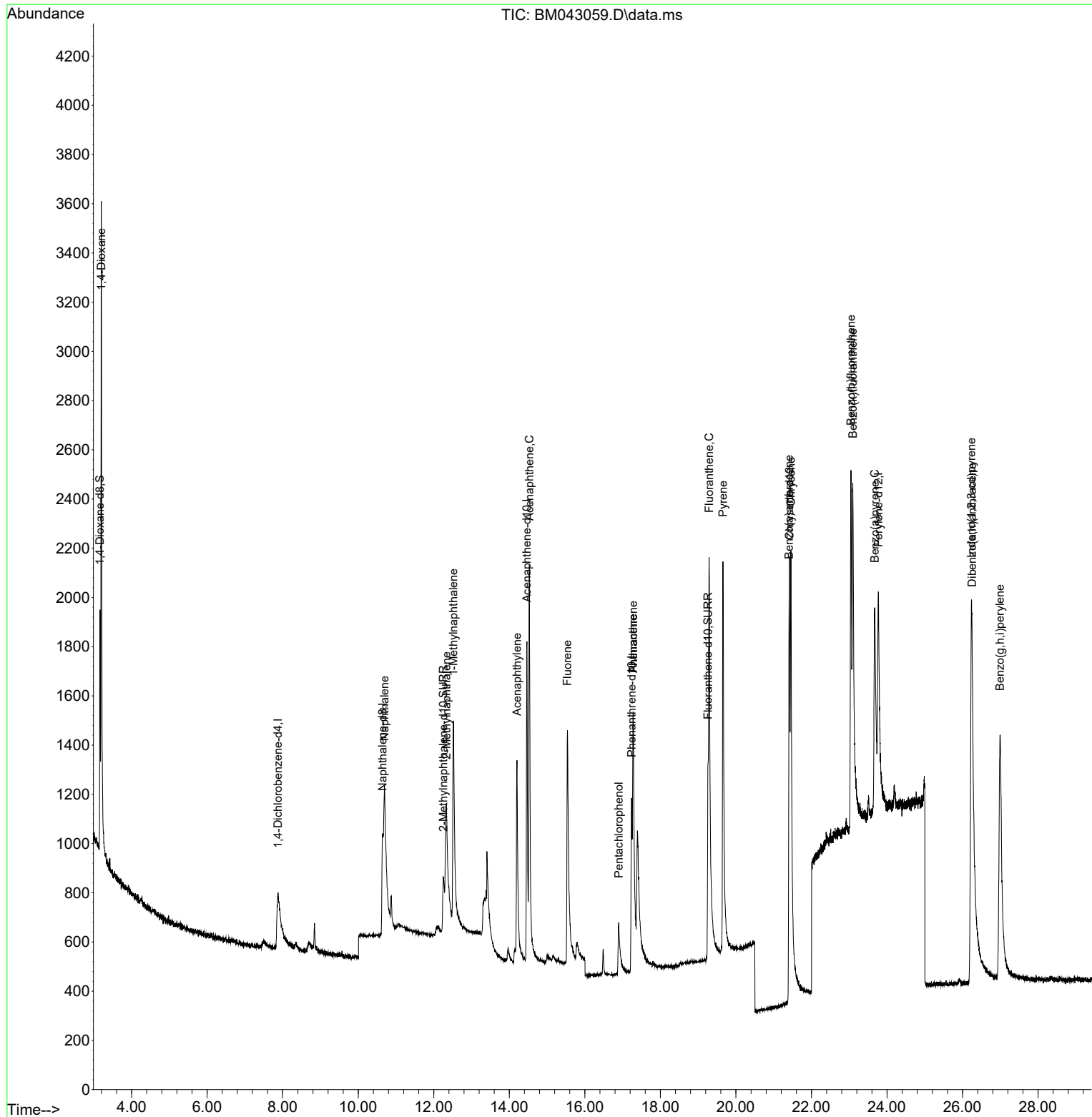
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	1827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	983	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1923	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	1380	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	1917	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	673	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	882	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	1742	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	1929	2.022	ng/ul#	86
5) Naphthalene	10.694	128	1681	0.339	ng/ul	92
7) 2-Methylnaphthalene	12.333	142	939	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	1039	0.318	ng/ul	98
10) Acenaphthylene	14.201	152	1673	0.333	ng/ul	95
11) Acenaphthene	14.530	153	1332	0.350	ng/ul	97
12) Fluorene	15.538	166	1316	0.337	ng/ul#	97
14) Pentachlorophenol	16.896	266	346	0.665	ng/ul	91
15) Phenanthrene	17.280	178	1905	0.347	ng/ul	96
16) Anthracene	17.280	178	1616	0.311	ng/ul	99
19) Fluoranthene	19.290	202	2498	0.319	ng/ul#	96
20) Pyrene	19.657	202	2686	0.323	ng/ul	99
21) Benzo(a)anthracene	21.406	228	1648	0.368	ng/ul	98
22) Chrysene	21.455	228	3058	0.367	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	2456	0.380	ng/ul	98
25) Benzo(k)fluoranthene	23.095	252	3332	0.374	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2559	0.362	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.235	276	3747	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	2936	0.397	ng/ul	94
29) Benzo(g,h,i)perylene	26.989	276	3685	0.396	ng/ul	98

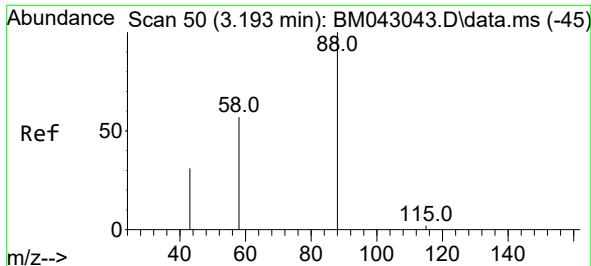
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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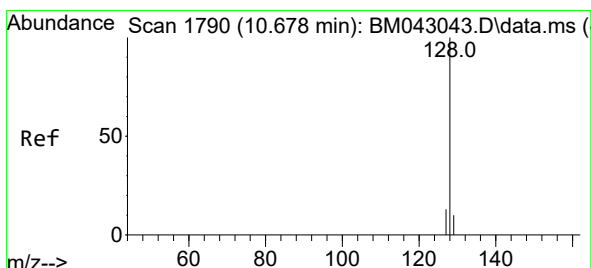
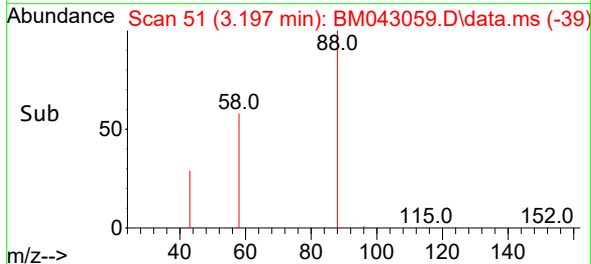
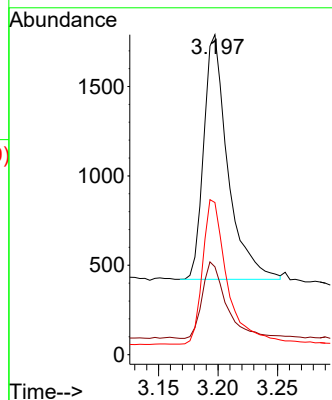
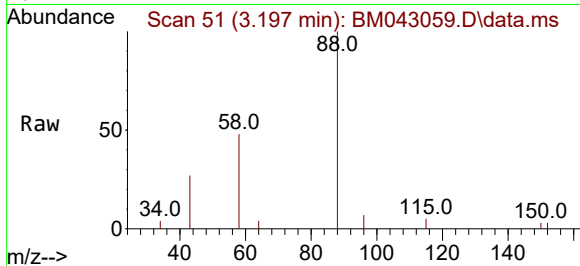




#2
1,4-Dioxane
Concen: 2.022 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

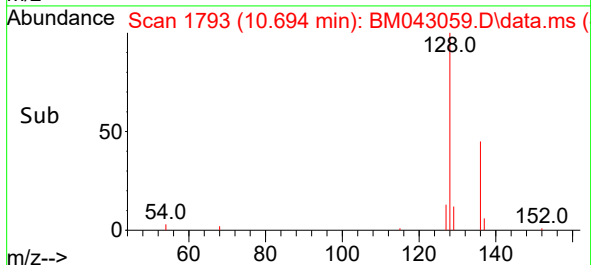
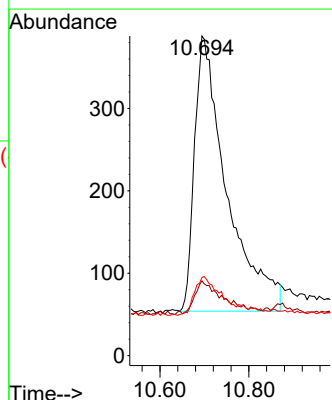
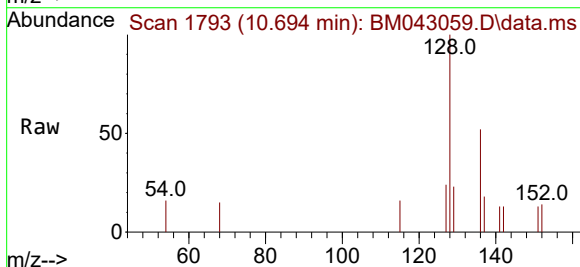
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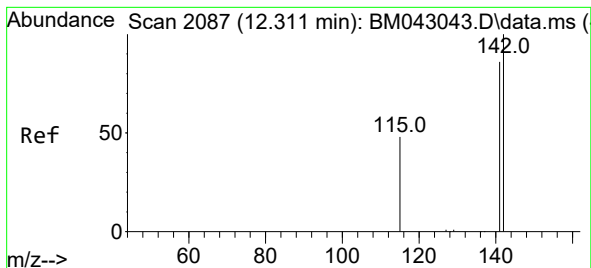
Tgt Ion: 88 Resp: 1929
Ion Ratio Lower Upper
88 100
43 27.4 22.8 34.2
58 47.5 26.8 40.2#



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.694 min Scan# 1793
Delta R.T. -0.004 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion: 128 Resp: 1681
Ion Ratio Lower Upper
128 100
129 23.5 16.0 24.0
127 24.5 16.5 24.7

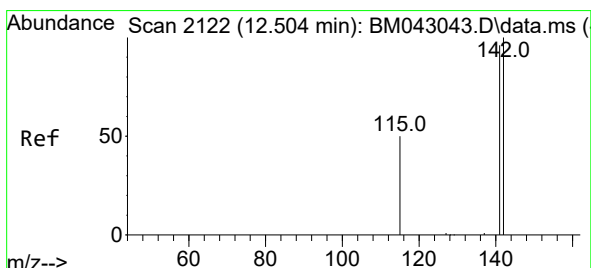
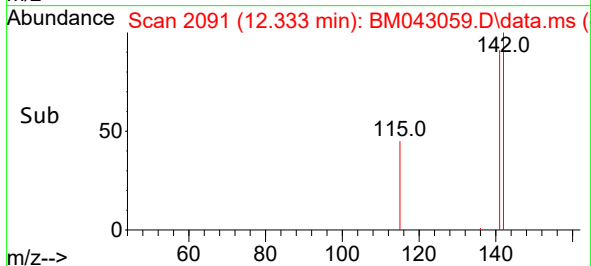
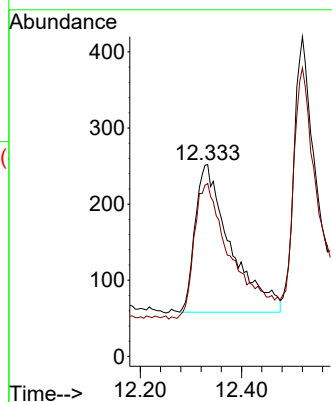
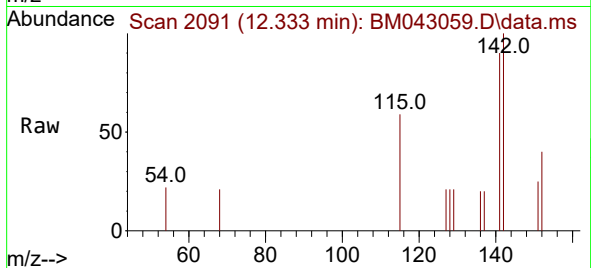




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.333 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

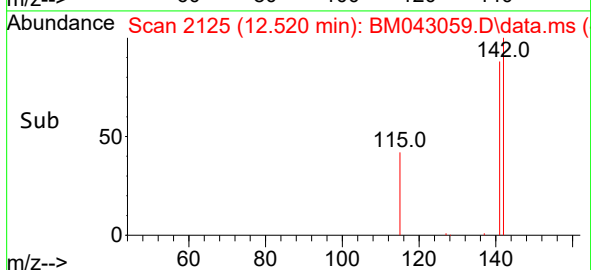
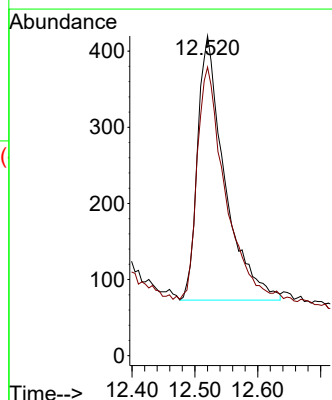
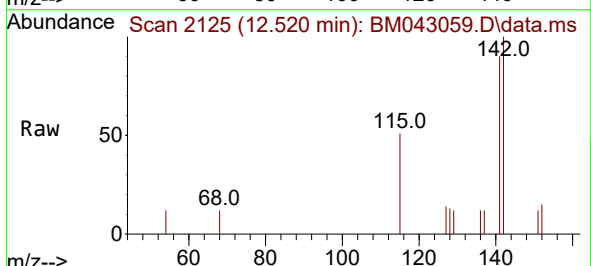
Instrument :
BNA_M
ClientSampleId :
SLCS276

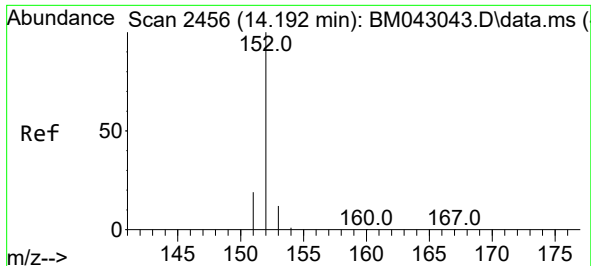
Tgt Ion:142 Resp: 939
Ion Ratio Lower Upper
142 100
141 96.0 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.520 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:142 Resp: 1039
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8

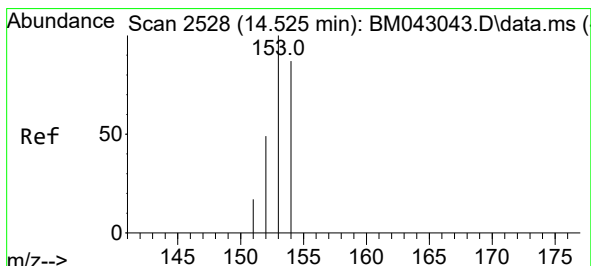
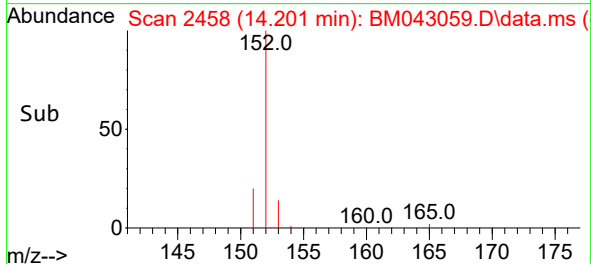
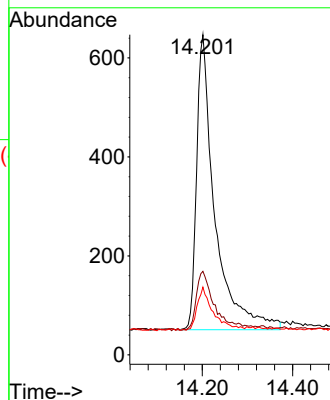
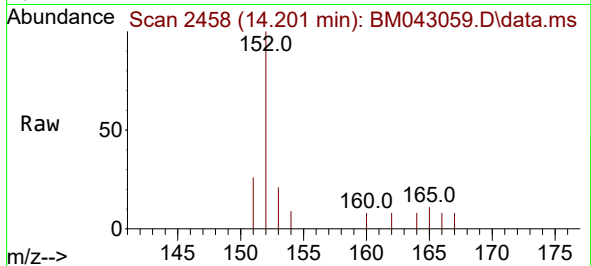




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.201 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

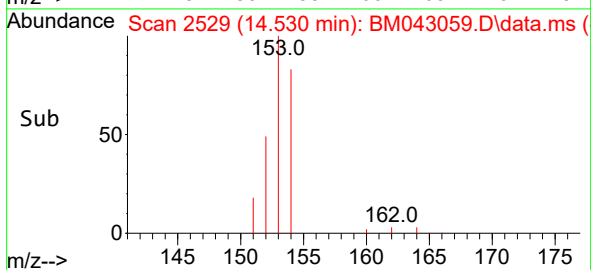
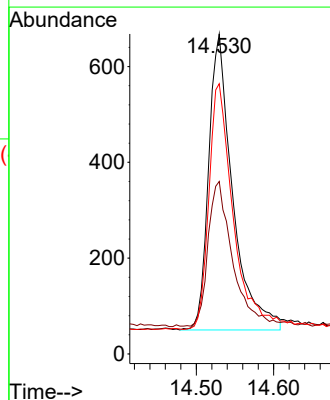
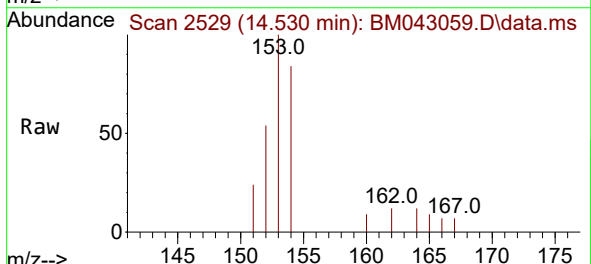
Instrument :
BNA_M
ClientSampleId :
SLCS276

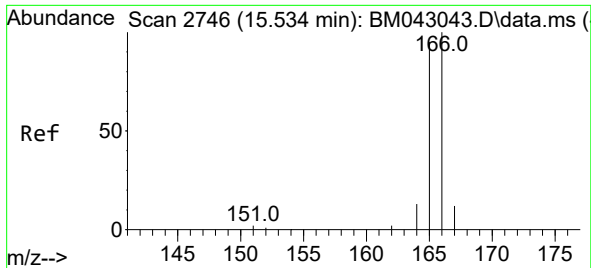
Tgt Ion:152 Resp: 1673
Ion Ratio Lower Upper
152 100
151 26.1 19.4 29.0
153 21.2 14.6 21.8



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.530 min Scan# 2529
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:153 Resp: 1332
Ion Ratio Lower Upper
153 100
152 53.9 43.9 65.9
154 84.4 70.6 105.8

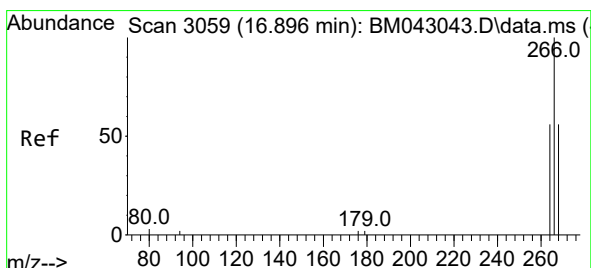
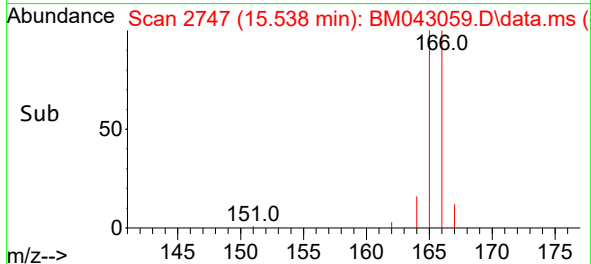
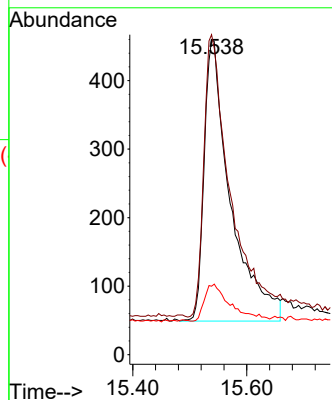
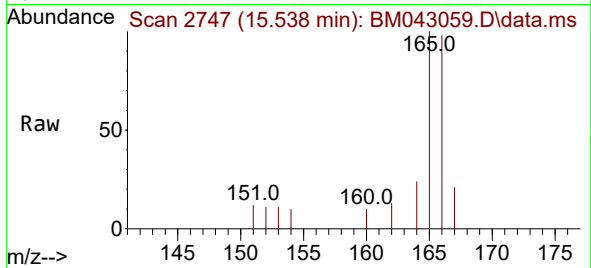




#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

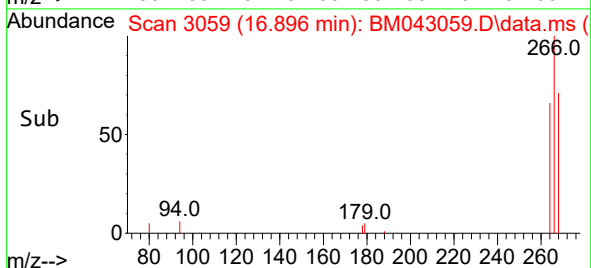
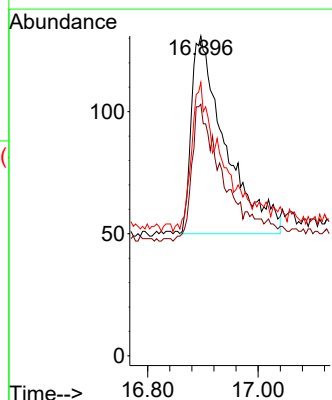
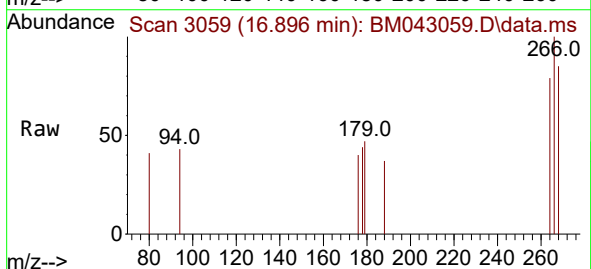
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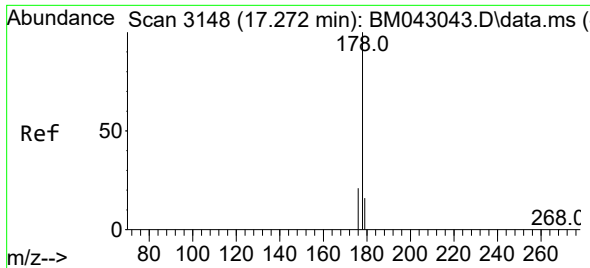
Tgt Ion:166 Resp: 1316
Ion Ratio Lower Upper
166 100
165 101.7 79.9 119.9
167 21.8 14.2 21.4#



#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.016 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:266 Resp: 346
Ion Ratio Lower Upper
266 100
264 68.2 48.8 73.2
268 71.4 51.8 77.6

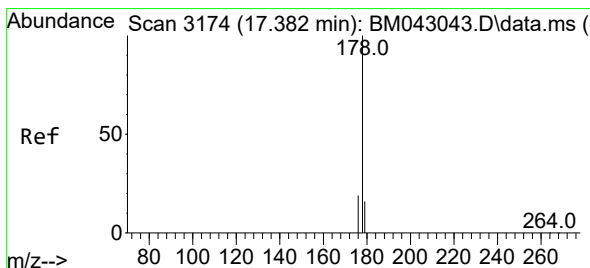
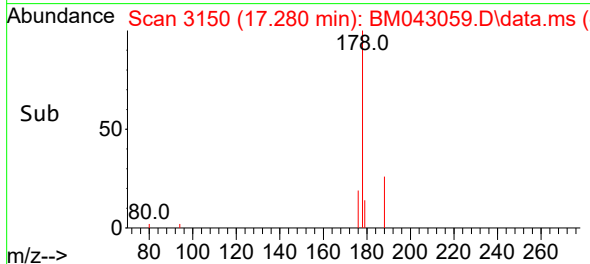
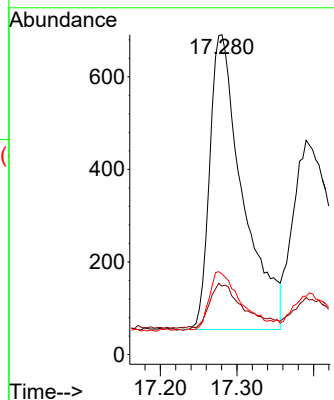
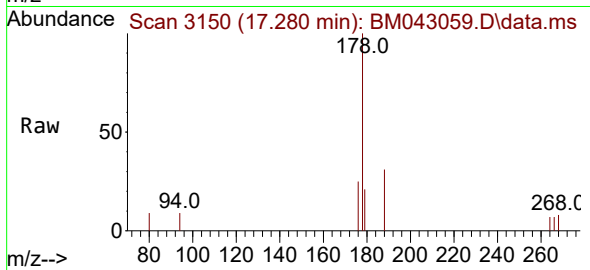




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.280 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

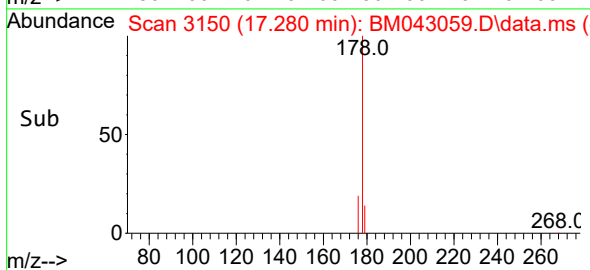
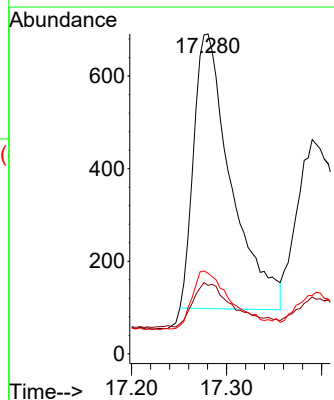
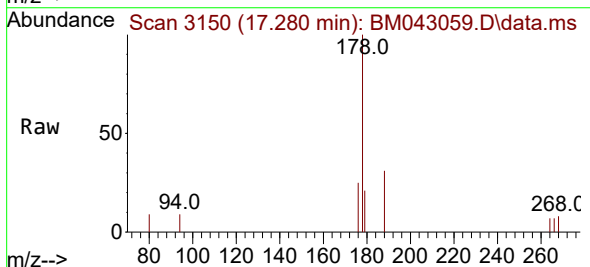
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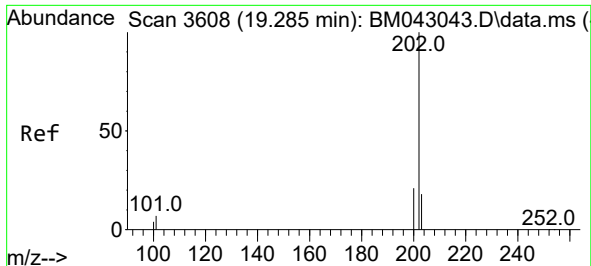
Tgt Ion:	178	Resp:	1905
Ion	Ratio	Lower	Upper
178	100		
179	21.4	15.7	23.5
176	25.2	18.9	28.3



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.280 min Scan# 3150
Delta R.T. -0.113 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:	178	Resp:	1616
Ion	Ratio	Lower	Upper
178	100		
179	21.4	17.3	25.9
176	25.2	20.5	30.7

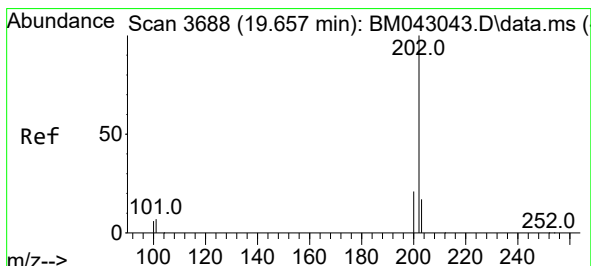
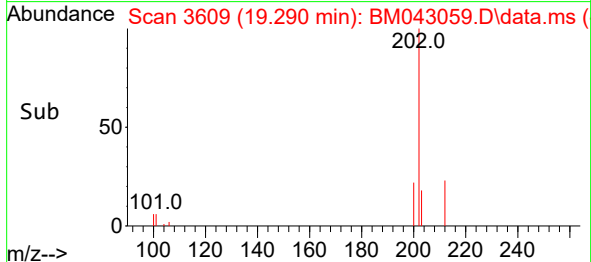
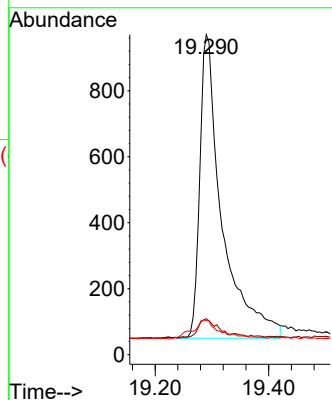
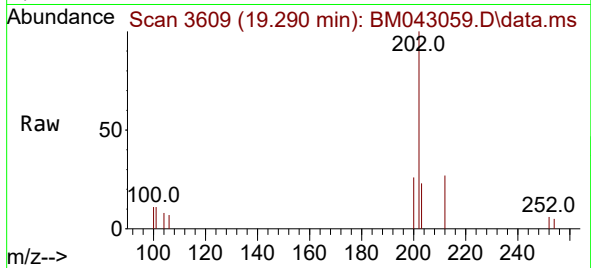




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

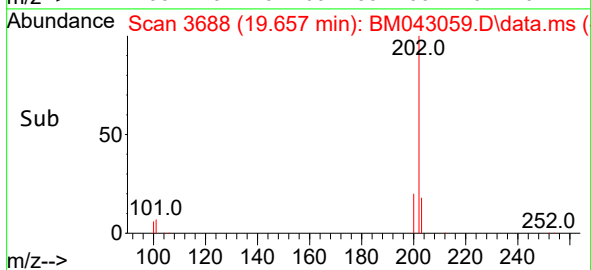
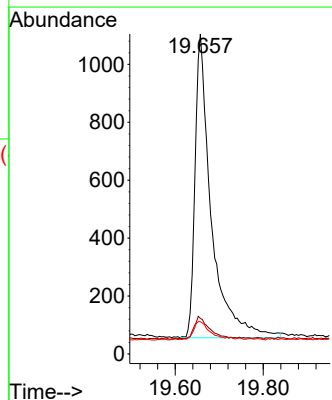
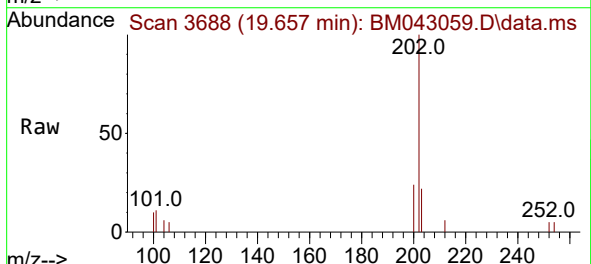
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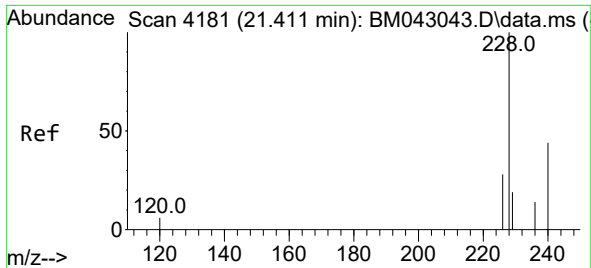
Tgt Ion:202 Resp: 2498
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.8
100 10.7 7.1 10.7#



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:202 Resp: 2686
Ion Ratio Lower Upper
202 100
101 11.1 8.7 13.1
100 10.1 7.8 11.8

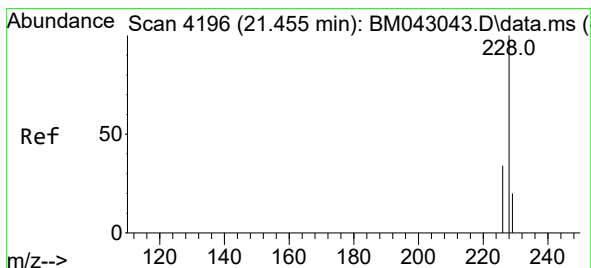
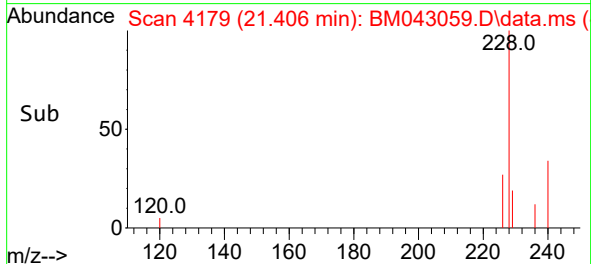
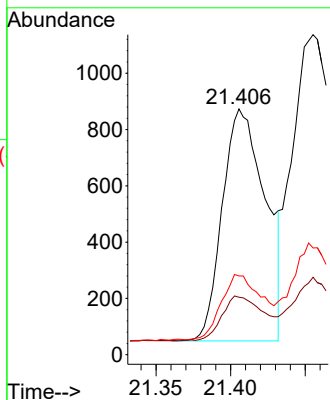
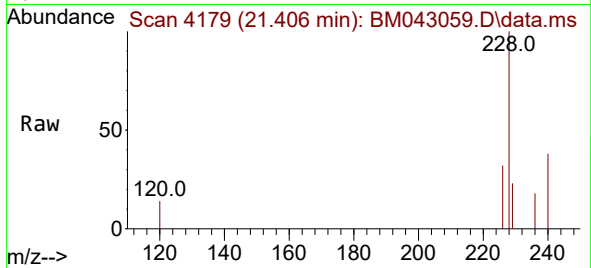




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.406 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

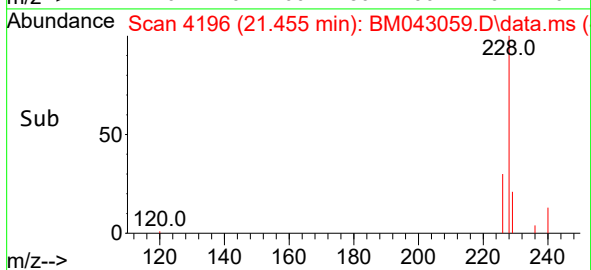
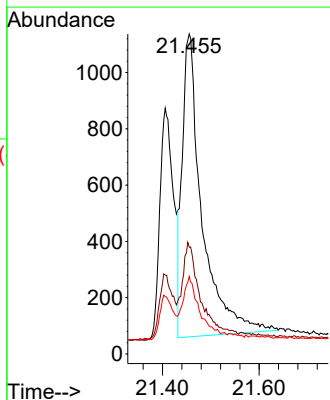
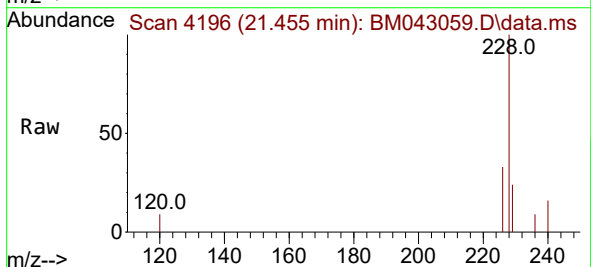
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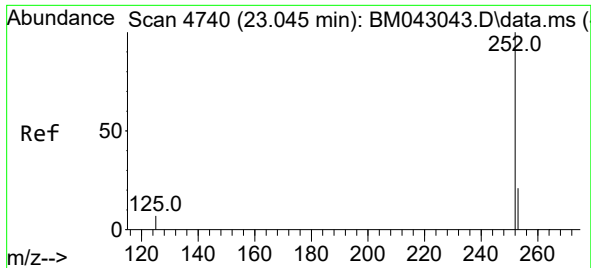
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Ion Ratio Lower Upper
228 100
229 23.4 19.4 29.0
226 32.1 24.9 37.3



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.455 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:228 Resp: 3058
Ion Ratio Lower Upper
228 100
226 33.3 27.2 40.8
229 24.2 18.0 27.0

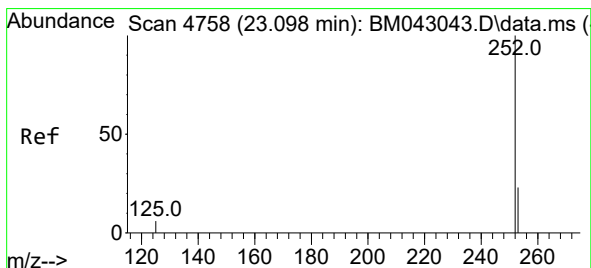
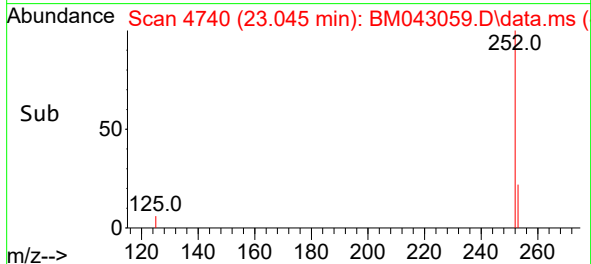
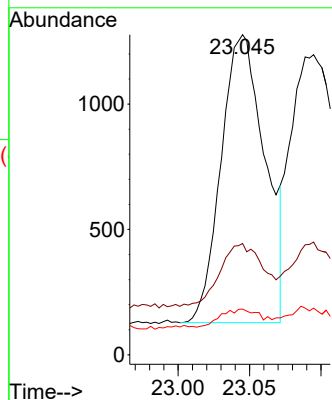
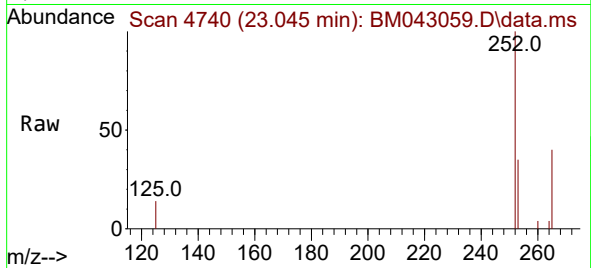




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.045 min Scan# 4740
Delta R.T. -0.006 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

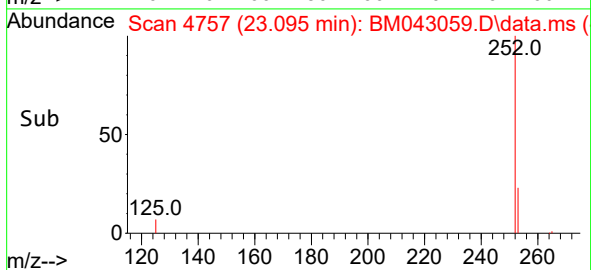
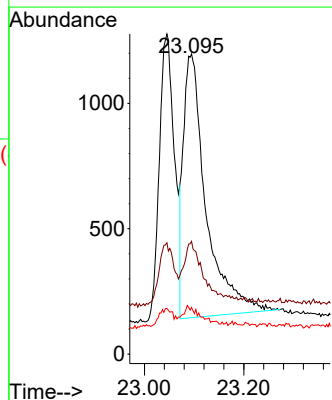
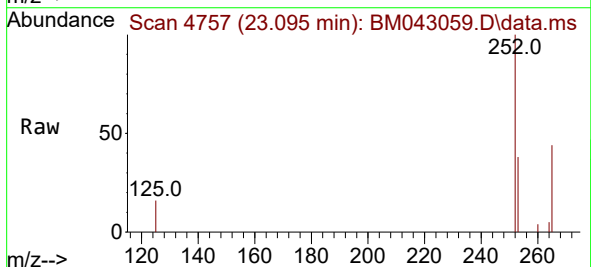
Instrument :
BNA_M
ClientSampleId :
SLCS276

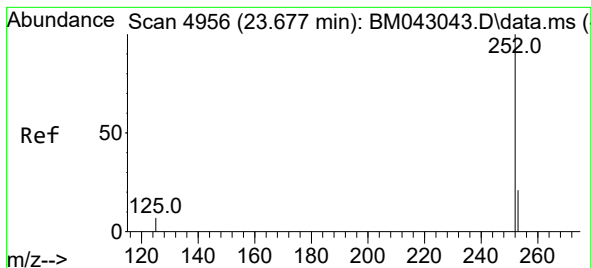
Tgt Ion:252 Resp: 2456
Ion Ratio Lower Upper
252 100
253 34.8 0.0 71.8
125 14.3 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:252 Resp: 3332
Ion Ratio Lower Upper
252 100
253 37.6 28.2 42.2
125 15.5 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.674 min Scan# 4956

Delta R.T. -0.012 min

Lab File: BM043059.D

Acq: 27 Nov 2023 21:14

Instrument :

BNA_M

ClientSampleId :

SLCS276

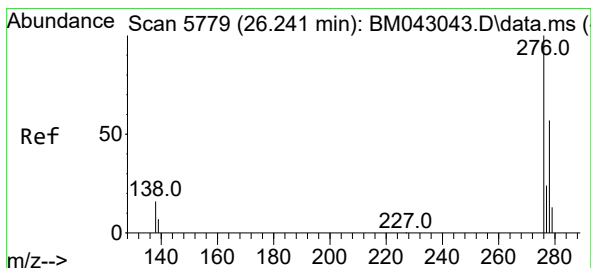
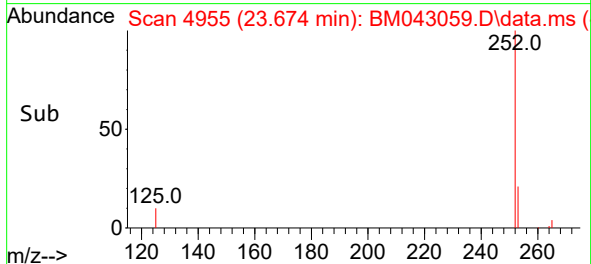
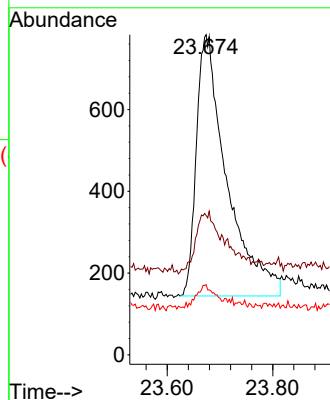
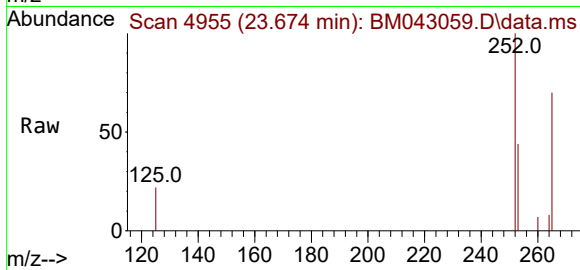
Tgt Ion:252 Resp: 2559

Ion Ratio Lower Upper

252 100

253 43.6 36.6 55.0

125 22.0 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 26.235 min Scan# 5777

Delta R.T. -0.004 min

Lab File: BM043059.D

Acq: 27 Nov 2023 21:14

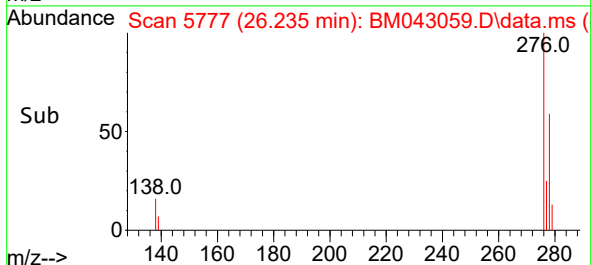
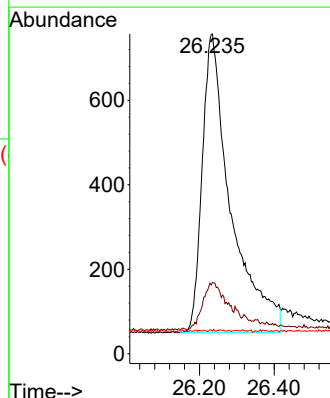
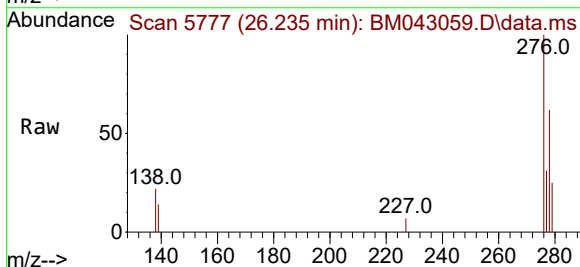
Tgt Ion:276 Resp: 3747

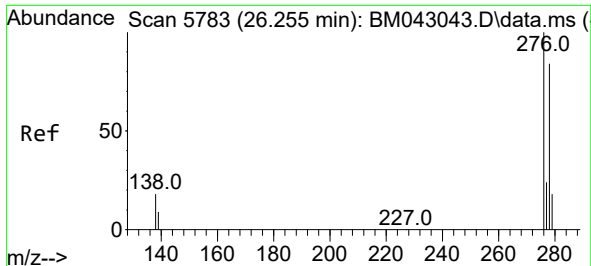
Ion Ratio Lower Upper

276 100

138 12.6 0.0 0.0#

227 0.1 0.2 0.2#

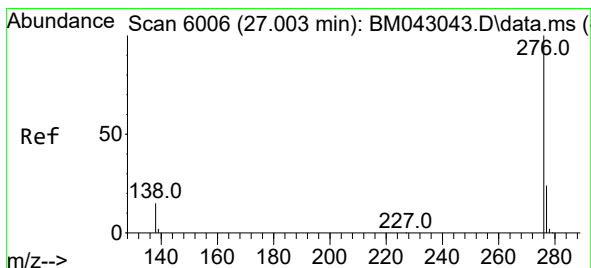
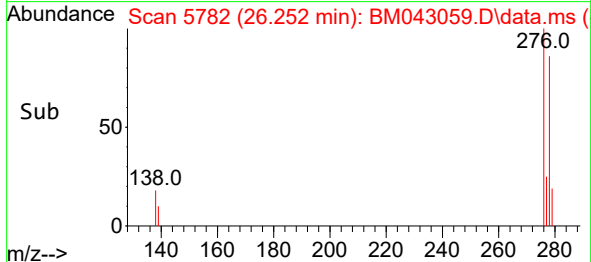
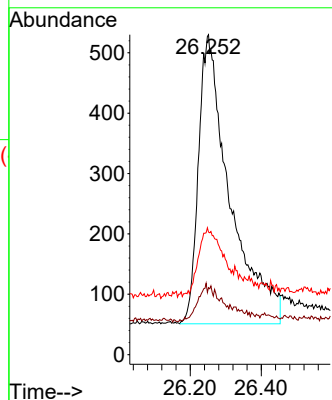
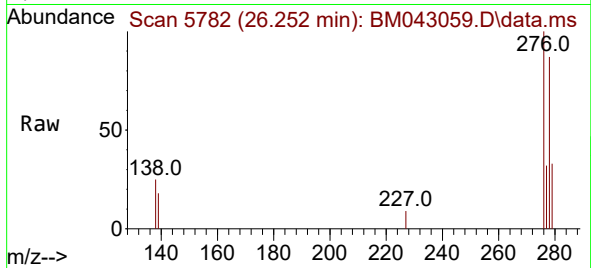




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.252 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Instrument :
BNA_M
ClientSampleId :
SLCS276

Tgt Ion:278 Resp: 2936
Ion Ratio Lower Upper
278 100
139 20.9 18.1 27.1
279 38.3 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.989 min Scan# 6002
Delta R.T. -0.021 min
Lab File: BM043059.D
Acq: 27 Nov 2023 21:14

Tgt Ion:276 Resp: 3685
Ion Ratio Lower Upper
276 100
138 21.2 17.8 26.8
277 29.2 23.8 35.8

