

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039843.D
 Acq On : 05 May 2023 13:19
 Operator : CG/JU
 Sample : PB152462BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS462

Quant Time: May 06 02:20:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

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

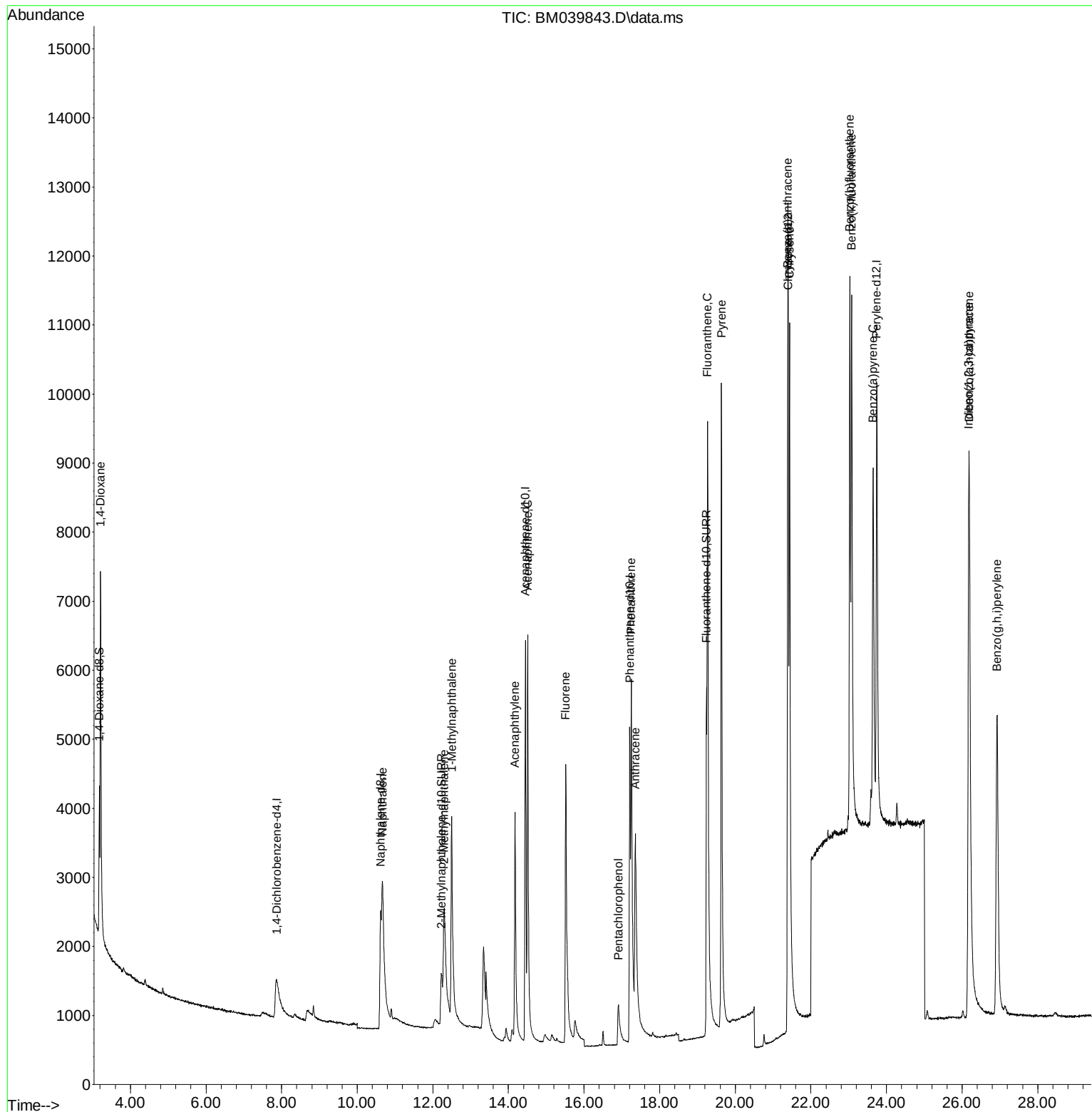
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1462	0.400	ng/ul	0.02
4) Naphthalene-d8	10.617	136	6967	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.446	164	4381	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	8555	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	9343	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	10203	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1568	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	3053	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	8402	0.334	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.210	88	3826	1.714	ng/ul#	40
5) Naphthalene	10.666	128	5514	0.315	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	3201	0.317	ng/ul	97
8) 1-Methylnaphthalene	12.498	142	3555	0.328	ng/ul	100
10) Acenaphthylene	14.173	152	6266	0.370	ng/ul	98
11) Acenaphthene	14.511	153	4656	0.350	ng/ul	100
12) Fluorene	15.515	166	4970	0.336	ng/ul	99
14) Pentachlorophenol	16.908	266	1048	0.562	ng/ul	99
15) Phenanthrene	17.250	178	7826	0.347	ng/ul	97
16) Anthracene	17.356	178	6487	0.335	ng/ul	98
19) Fluoranthene	19.266	202	10463	0.314	ng/ul	98
20) Pyrene	19.634	202	11934	0.332	ng/ul	99
21) Benzo(a)anthracene	21.386	228	9485	0.353	ng/ul	98
22) Chrysene	21.436	228	11302	0.372	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	11795	0.329	ng/ul	94
25) Benzo(k)fluoranthene	23.078	252	12203	0.334	ng/ul	94
26) Benzo(a)pyrene	23.646	252	11084	0.345	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.176	276	14038	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.189	278	11039	0.350	ng/ul	95
29) Benzo(g,h,i)perylene	26.927	276	11986	0.338	ng/ul	98

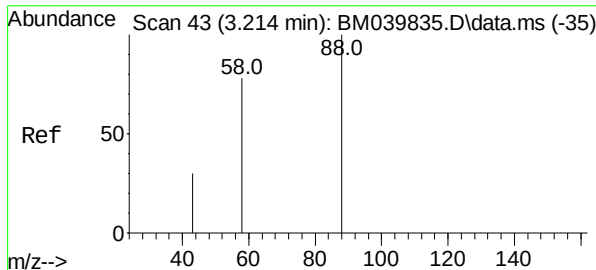
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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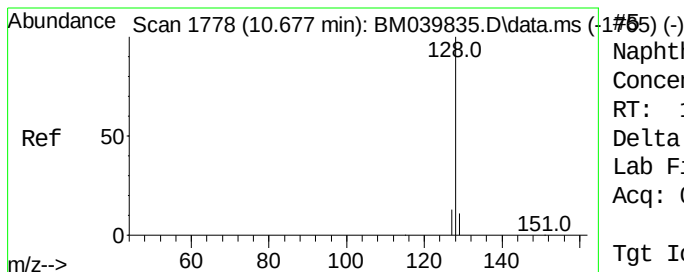
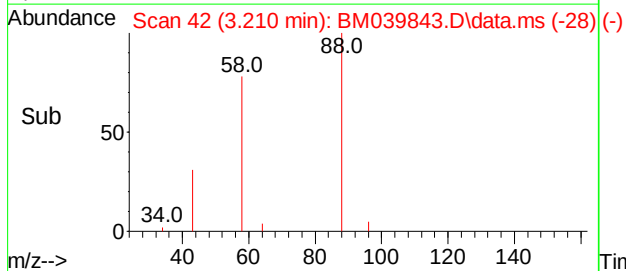
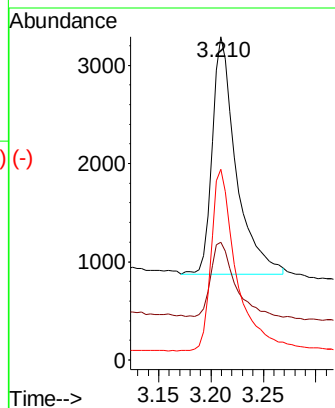
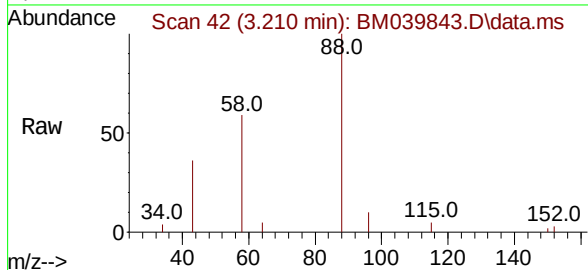




1,4-Dioxane
Concen: 1.714 ng/ul
RT: 3.210 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

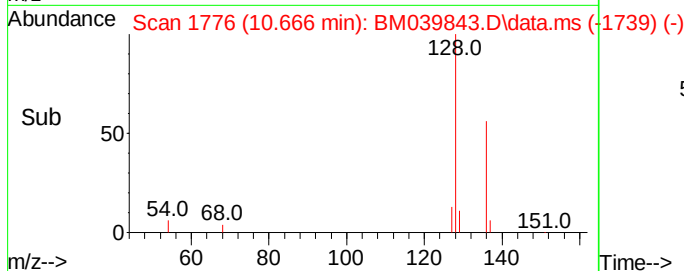
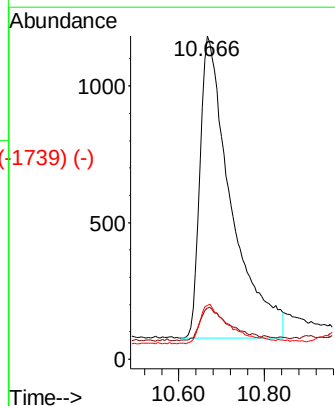
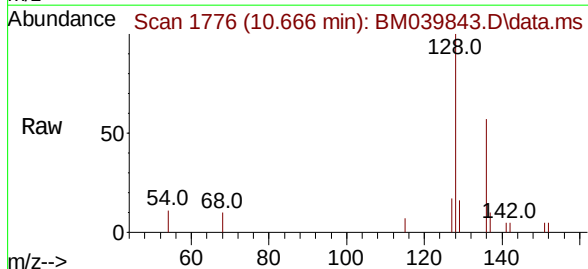
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 88 Resp: 3826
Ion Ratio Lower Upper
88 100
43 36.5 102.6 153.8#
58 59.1 40.6 61.0



Naphthalene
Concen: 0.315 ng/ul
RT: 10.666 min Scan# 1776
Delta R.T. 0.005 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion: 128 Resp: 5514
Ion Ratio Lower Upper
128 100
129 15.8 9.8 14.6#
127 16.6 11.1 16.7



Abundance Scan 2074 (12.305 min): BM039835.D\data.ms (-2074) (-)

2-Methylnaphthalene

Concen: 0.317 ng/ul

RT: 12.300 min Scan# 2109

Delta R.T. 0.011 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS462

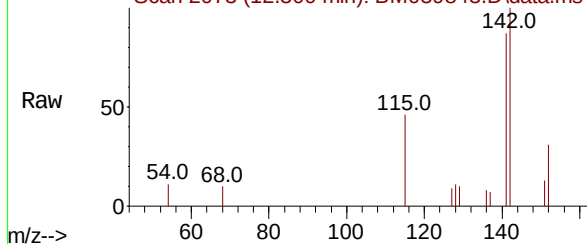
Tgt Ion:142 Resp: 3201

Ion Ratio Lower Upper

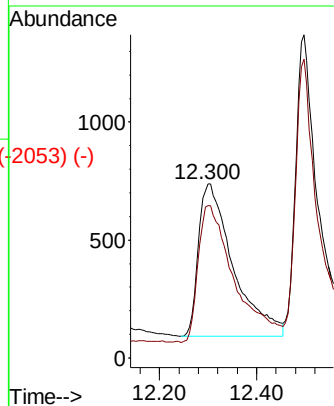
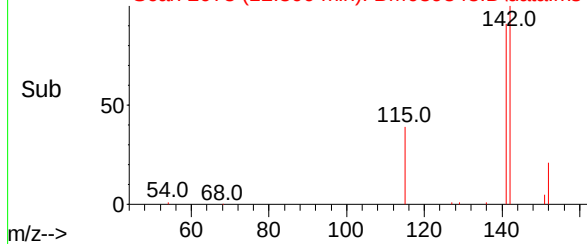
142 100

141 94.7 73.2 109.8

Abundance Scan 2073 (12.300 min): BM039843.D\data.ms



Abundance Scan 2073 (12.300 min): BM039843.D\data.ms (-2053) (-)



Abundance Scan 2110 (12.503 min): BM039835.D\data.ms (-2110) (-)

1-Methylnaphthalene

Concen: 0.328 ng/ul

RT: 12.498 min Scan# 2109

Delta R.T. 0.005 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

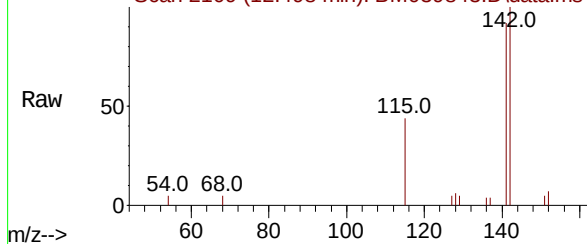
Tgt Ion:142 Resp: 3555

Ion Ratio Lower Upper

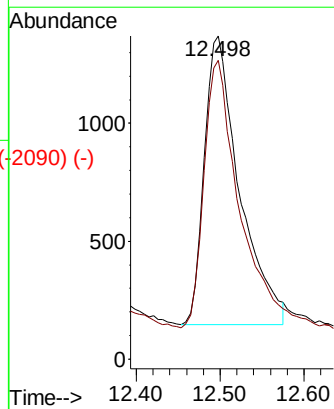
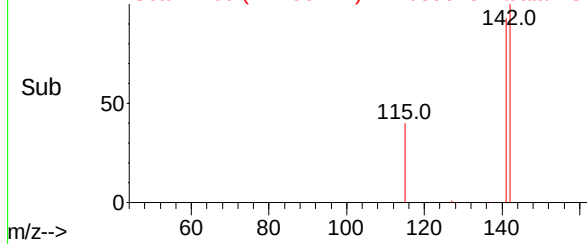
142 100

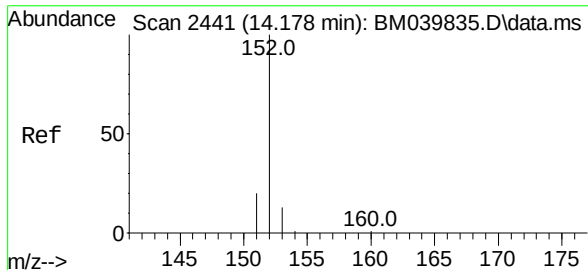
141 91.9 73.4 110.2

Abundance Scan 2109 (12.498 min): BM039843.D\data.ms



Abundance Scan 2109 (12.498 min): BM039843.D\data.ms (-2090) (-)

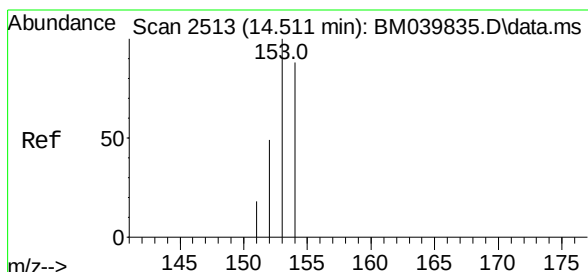
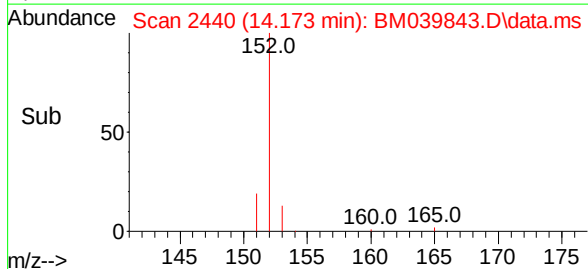
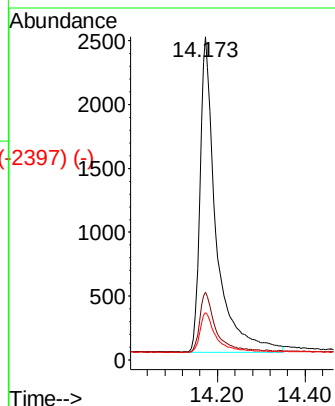
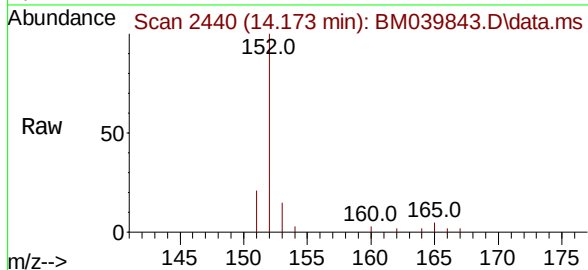




Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.173 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

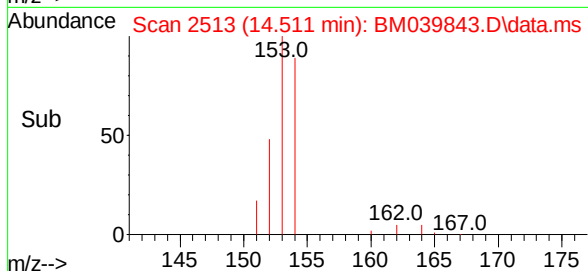
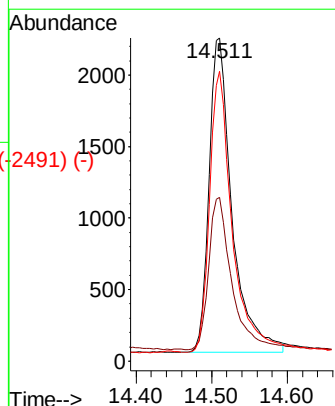
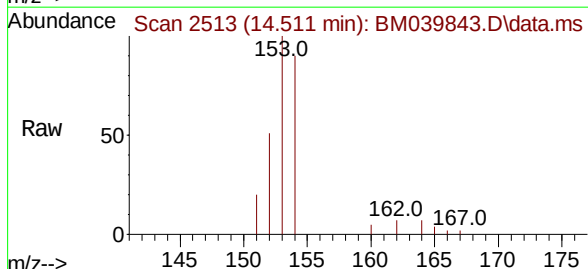
Instrument :
BNA_M
ClientSampleId :
SLCS462

Tgt Ion:	152	Resp:	6266
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.0	24.0
153	14.7	11.2	16.8



Acenaphthene
Concen: 0.350 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:	153	Resp:	4656
Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.6	61.0
154	89.6	71.9	107.9



Abundance Scan 2732 (15.524 min): BM039835.D\data.ms (-2710) (-)

Fluorene

Concen: 0.336 ng/ul

RT: 15.515 min Scan# 2730

Delta R.T. -0.000 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS462

Tgt Ion:166 Resp: 4970

Ion Ratio Lower Upper

166 100

165 100.2 79.0 118.6

167 15.5 11.8 17.6

Abundance Scan 2730 (15.515 min): BM039843.D\data.ms

Ref

166.0

151.0 160.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2730 (15.515 min): BM039843.D\data.ms (-2708) (-)

Raw

166.0

151.0 160.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2730 (15.515 min): BM039843.D\data.ms (-2708) (-)

Sub

166.0

151.0

m/z-->

145 150 155 160 165 170 175

Abundance

15.515

1500

1000

500

0

Time-->

15.40 15.60

Abundance Scan 3056 (16.934 min): BM039835.D\data.ms (-3044) (-)

Pentachlorophenol

Concen: 0.562 ng/ul

RT: 16.908 min Scan# 3050

Delta R.T. -0.000 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

Tgt Ion:266 Resp: 1048

Ion Ratio Lower Upper

266 100

264 61.0 48.8 73.2

268 62.2 50.4 75.6

Abundance Scan 3050 (16.908 min): BM039843.D\data.ms

Ref

266.0

80.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3050 (16.908 min): BM039843.D\data.ms (-3026) (-)

Raw

266.0

80.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3050 (16.908 min): BM039843.D\data.ms (-3026) (-)

Sub

266.0

80.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

16.908

300

200

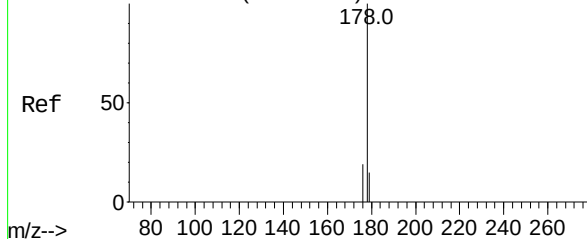
100

0

Time-->

16.80 16.90 17.00

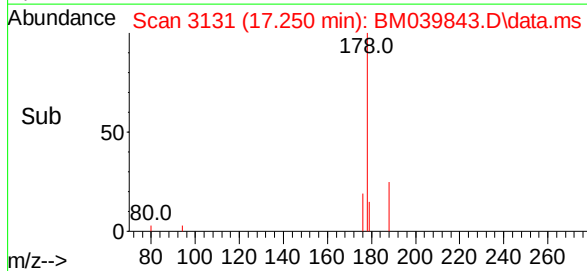
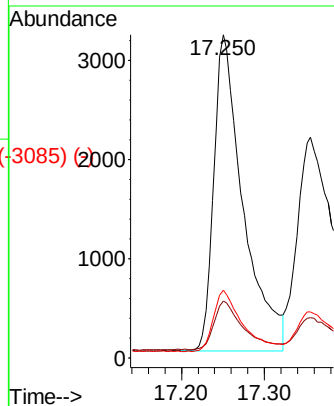
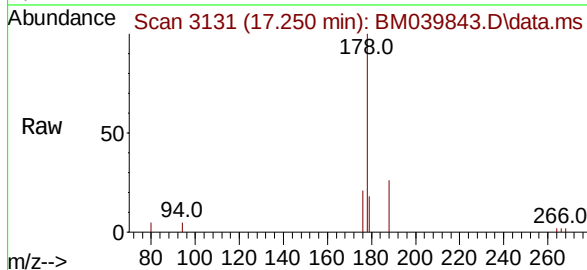
Abundance Scan 3133 (17.259 min): BM039835.D\data.ms (-3115) (-)



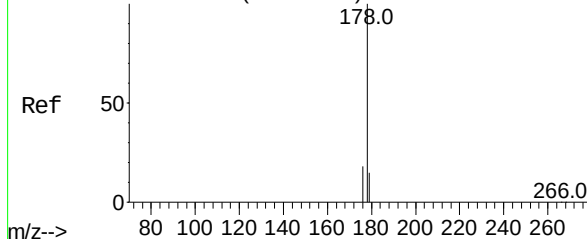
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.250 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS462

Tgt Ion:	178	Resp:	7826
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.6
176	21.0	15.8	23.8

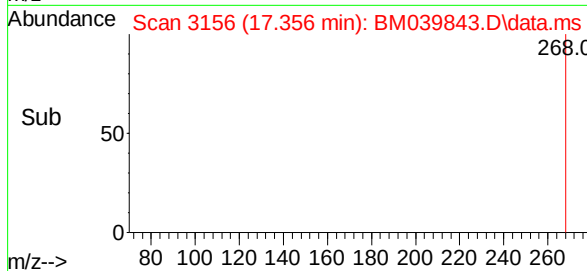
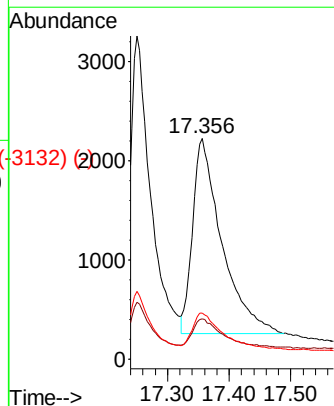
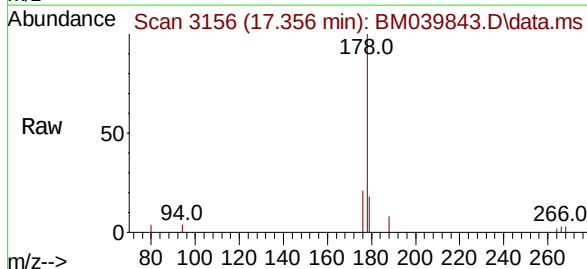


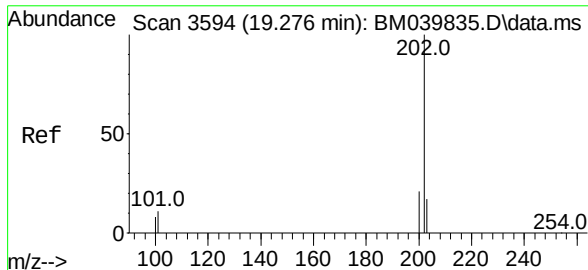
Abundance Scan 3158 (17.364 min): BM039835.D\data.ms (-3116) (-)



Anthracene
Concen: 0.335 ng/ul
RT: 17.356 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:	178	Resp:	6487
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.8	20.6
176	21.0	15.8	23.8

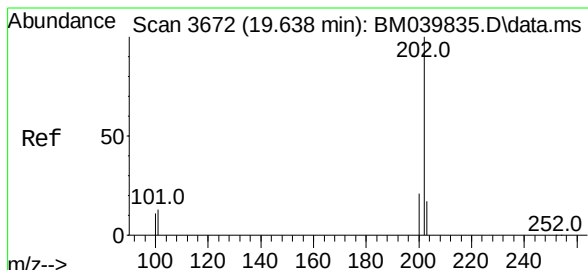
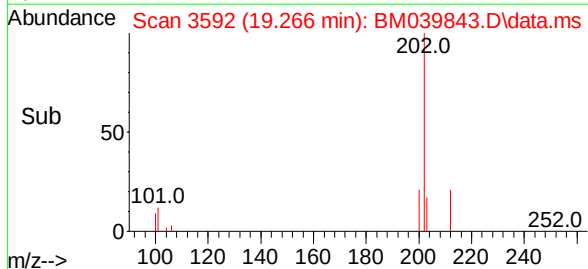
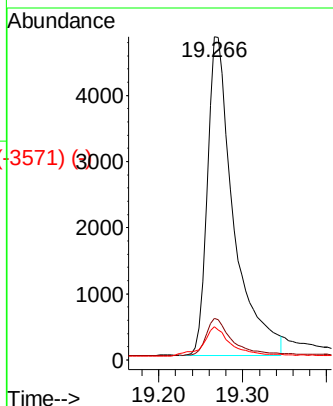
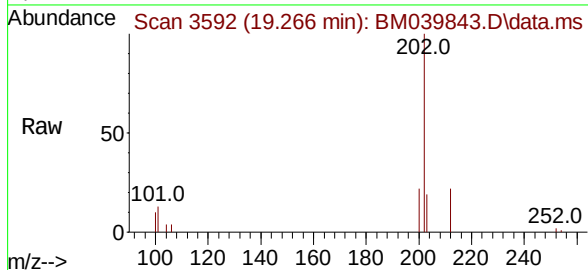




Scan 3594 (19.276 min): BM039835.D\data.ms (-3519) (-)
Fluoranthene
 Concen: 0.314 ng/ul
 RT: 19.266 min Scan# 3592
 Delta R.T. -0.005 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

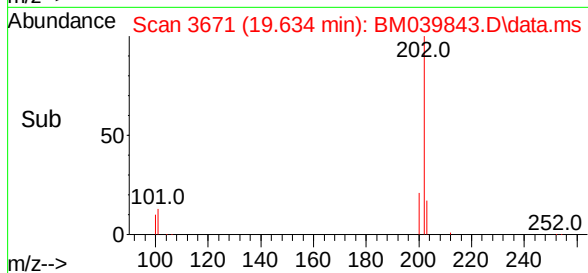
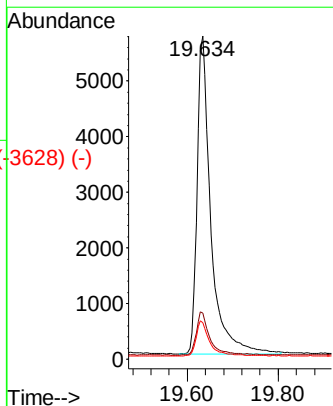
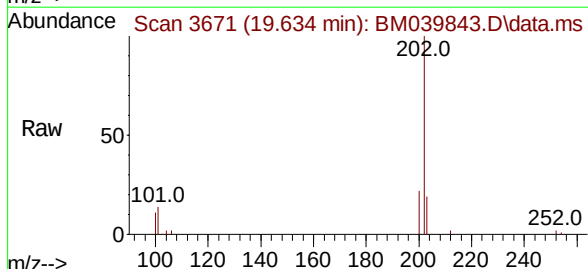
Instrument :
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ClientSampleId :
 SLCS462

Tgt Ion:	202	Resp:	10463
Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.4	7.3	10.9

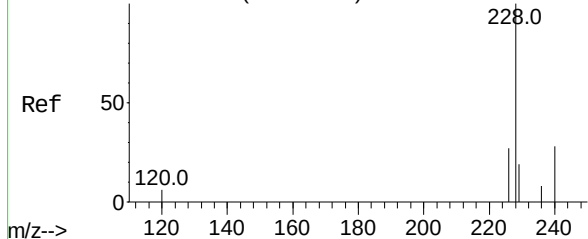


Scan 3672 (19.638 min): BM039835.D\data.ms (-3629) (-)
Pyrene
 Concen: 0.332 ng/ul
 RT: 19.634 min Scan# 3671
 Delta R.T. -0.000 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

Tgt Ion:	202	Resp:	11934
Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.3	8.9	13.3



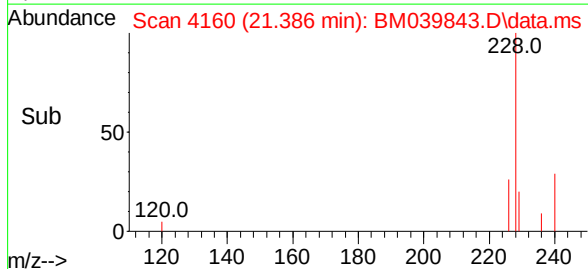
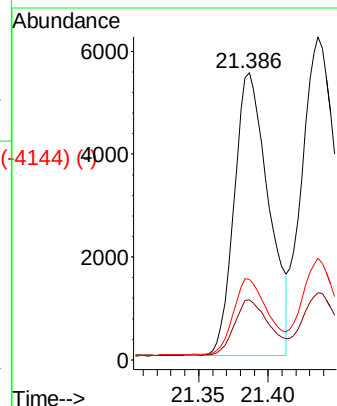
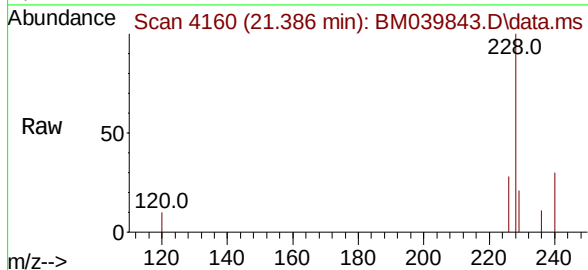
Abundance Scan 4162 (21.392 min): BM039835.D\data.ms (-4141) (-)



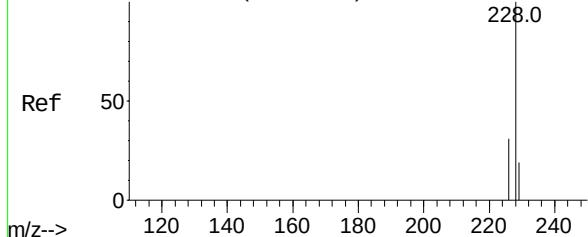
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.386 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS462

Tgt Ion:	228	Resp:	9485
Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	27.9	21.6	32.4

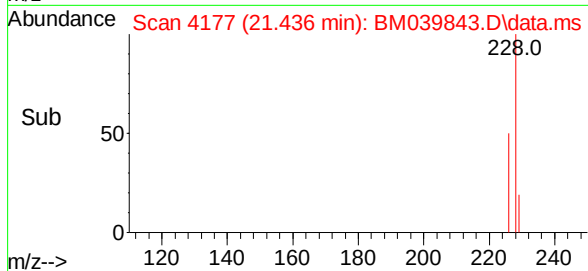
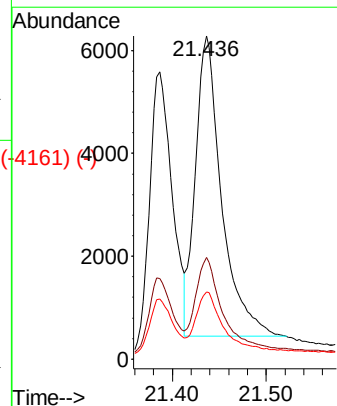
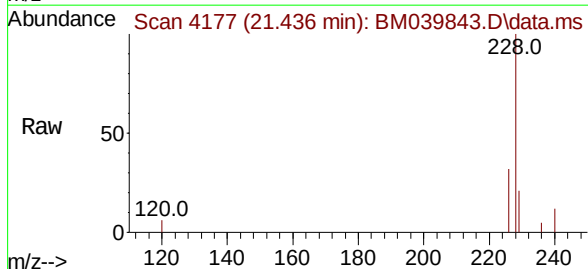


Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4122) (-)



Chrysene
Concen: 0.372 ng/ul
RT: 21.436 min Scan# 4177
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:	228	Resp:	11302
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	20.7	15.9	23.9



Abundance Scan 4726 (23.040 min): BM039835.D\data.ms (-4724) (-)

Benzo(b)fluoranthene

Concen: 0.329 ng/ul

RT: 23.029 min Scan# 4724

Delta R.T. -0.007 min

Lab File: BM039843.D

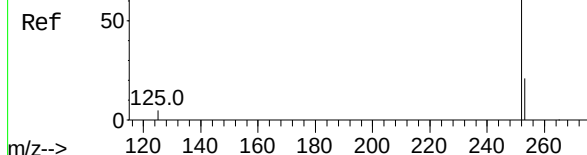
Acq: 05 May 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS462



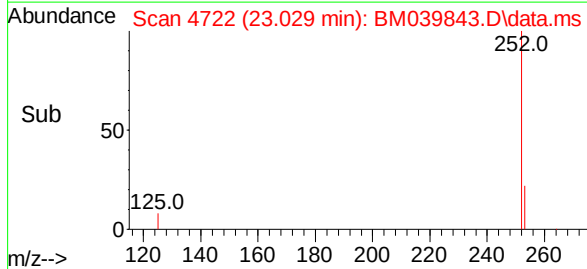
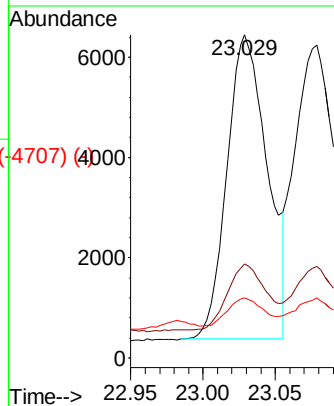
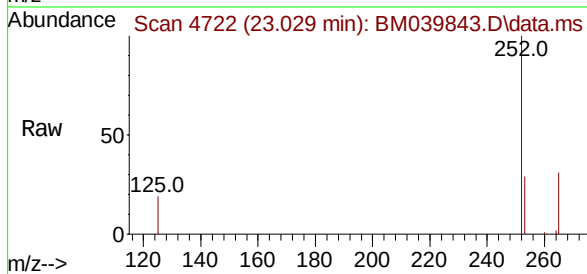
Tgt Ion:252 Resp: 11795

Ion Ratio Lower Upper

252 100

253 29.0 0.0 52.8

125 18.6 0.0 31.6



Abundance Scan 4742 (23.087 min): BM039835.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

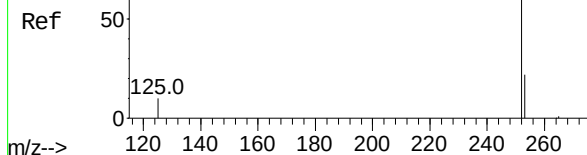
Concen: 0.334 ng/ul

RT: 23.078 min Scan# 4739

Delta R.T. -0.007 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19



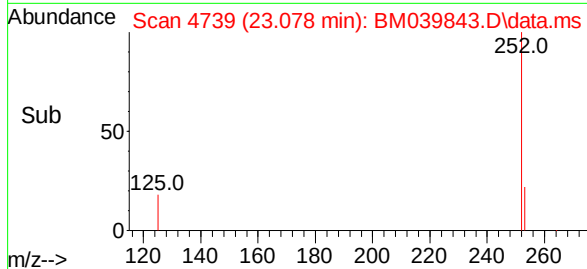
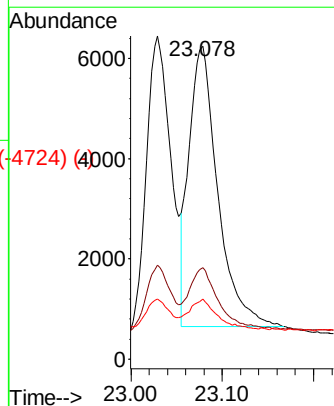
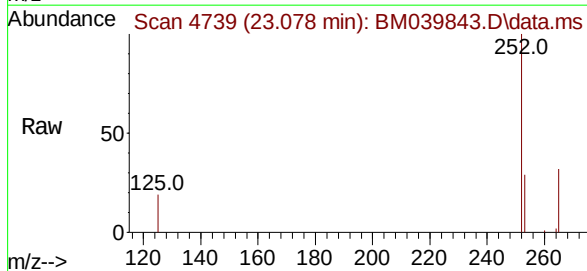
Tgt Ion:252 Resp: 12203

Ion Ratio Lower Upper

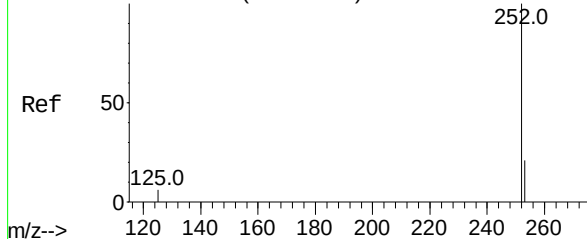
252 100

253 29.3 21.3 31.9

125 19.2 13.0 19.6



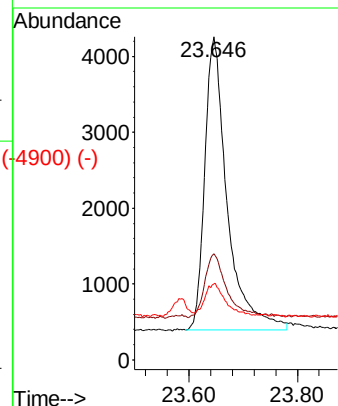
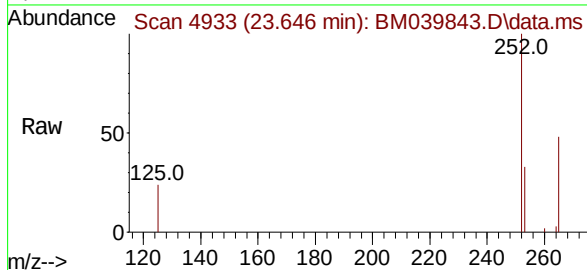
Abundance Scan 4937 (23.657 min): BM039835.D\data.ms (-4926) (-)



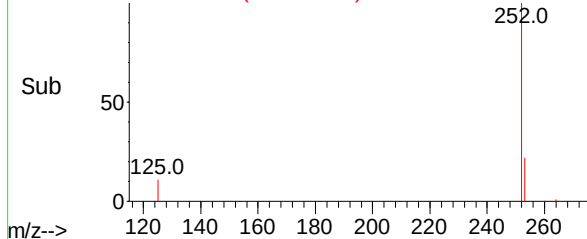
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.646 min Scan# 4937
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS462

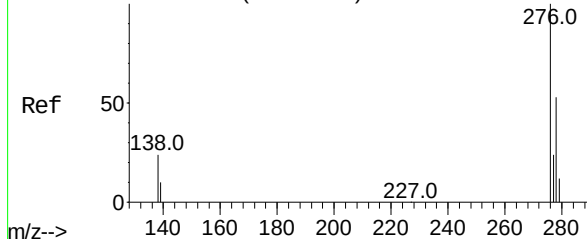
Tgt Ion:	252	Resp:	11084
Ion	Ratio	Lower	Upper
252	100		
253	32.9	24.7	37.1
125	23.6	16.5	24.7



Abundance Scan 4933 (23.646 min): BM039843.D\data.ms (-4900) (-)

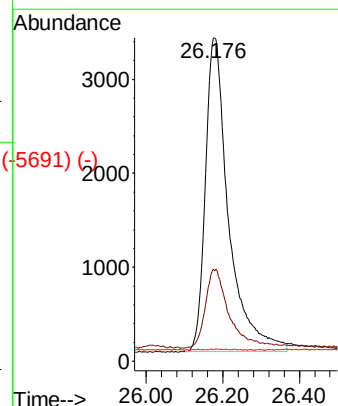
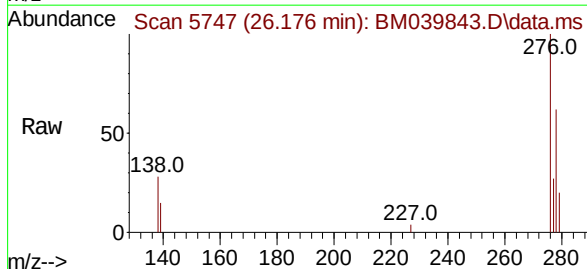


Abundance Scan 5752 (26.192 min): BM039835.D\data.ms (-5728) (-)

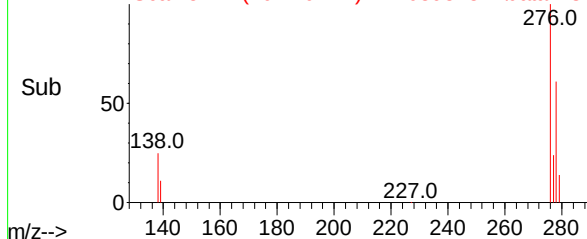


Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.176 min Scan# 5747
Delta R.T. -0.012 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:	276	Resp:	14038
Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.1	31.7
227	0.2	0.1	0.1#



Abundance Scan 5747 (26.176 min): BM039843.D\data.ms (-5691) (-)



Abundance Scan 5758 (26.213 min): BM039835.D\data.ms (-5728) (-)

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 26.189 min Scan# 5751

Delta R.T. -0.008 min

Lab File: BM039843.D

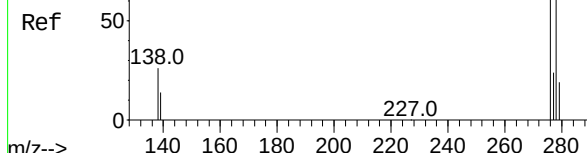
Acq: 05 May 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS462



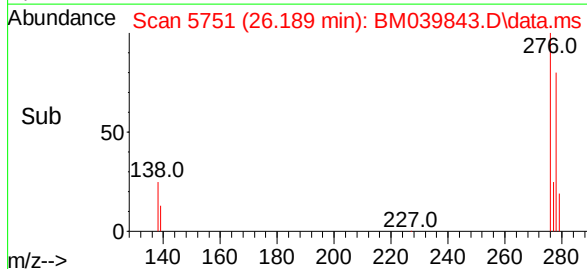
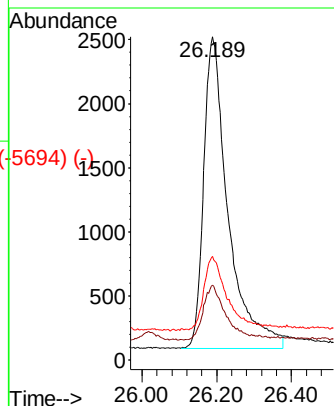
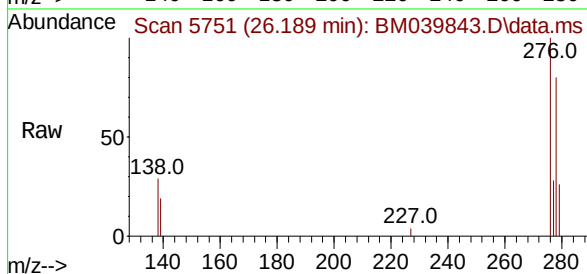
Tgt Ion:278 Resp: 11039

Ion Ratio Lower Upper

278 100

139 23.2 17.0 25.6

279 32.0 23.4 35.2



Abundance Scan 5971 (26.927 min): BM039835.D\data.ms (-5949) (-)

Benzo(g,h,i)perylene

Concen: 0.338 ng/ul

RT: 26.927 min Scan# 5971

Delta R.T. -0.005 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

Tgt Ion:276 Resp: 11986

Ion Ratio Lower Upper

276 100

138 25.7 20.1 30.1

277 26.7 20.1 30.1

