

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039847.D
 Acq On : 05 May 2023 16:20
 Operator : CG/JU
 Sample : 02479-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW950

Quant Time: May 06 02:47:51 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 02:22:07 2023
 Response via : Initial Calibration

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

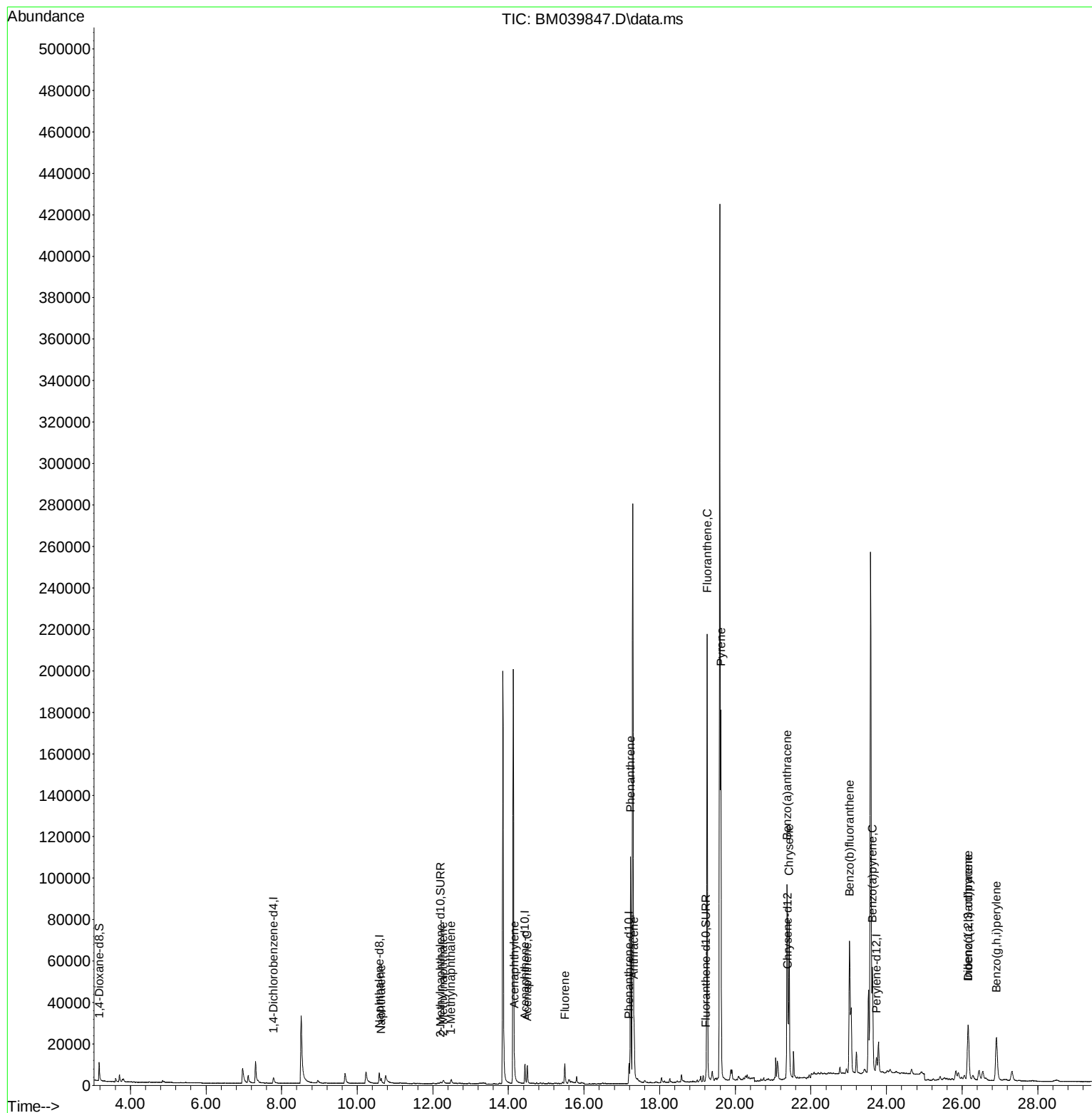
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2035	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.584	136	8438	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.437	164	5096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11809	0.400	ng/ul	-0.02
17) Chrysene-d12	21.389	240	10058	0.400	ng/ul	-0.02
23) Perylene-d12	23.733	264	10274	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	5887	1.963	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	1730	0.160	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	4816	0.178	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	3822	0.180	ng/ul#	93
7) 2-Methylnaphthalene	12.272	142	2183	0.179	ng/ul	95
8) 1-Methylnaphthalene	12.481	142	1879	0.143	ng/ul	99
10) Acenaphthylene	14.154	152	3766	0.191	ng/ul#	91
11) Acenaphthene	14.497	153	5487	0.354	ng/ul	100
12) Fluorene	15.491	166	6646	0.387	ng/ul	99
15) Phenanthrene	17.229	178	117792	3.786	ng/ul	99
16) Anthracene	17.322	178	24102	0.902	ng/ul	98
19) Fluoranthene	19.257	202	193404	5.390	ng/ul	96
20) Pyrene	19.620	202	155374	4.010	ng/ul	98
21) Benzo(a)anthracene	21.372	228	83286	2.880	ng/ul	98
22) Chrysene	21.424	228	80999	2.475	ng/ul	98
24) Benzo(b)fluoranthene	23.023	252	112423	3.116	ng/ul	94
26) Benzo(a)pyrene	23.628	252	69106	2.133	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.159	276	49072	1.198	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.162	278	11324	0.356	ng/ul#	84
29) Benzo(g,h,i)perylene	26.907	276	47132	1.320	ng/ul	99

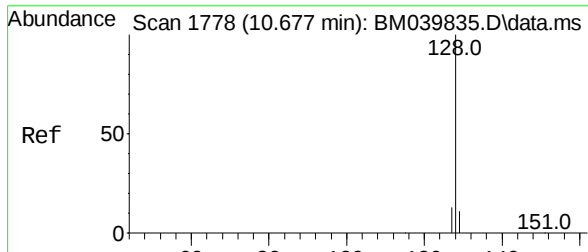
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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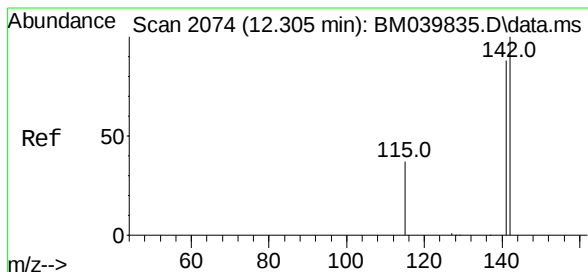
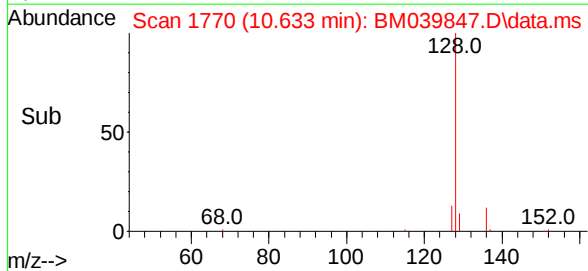
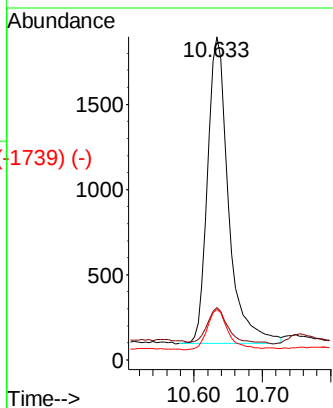
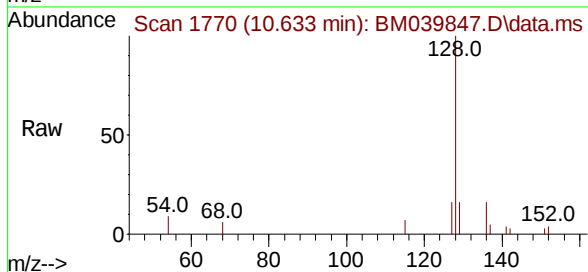




Naphthalene
 Concen: 0.180 ng/ul
 RT: 10.633 min Scan# 1755
 Delta R.T. -0.028 min
 Lab File: BM039847.D
 Acq: 05 May 2023 16:20

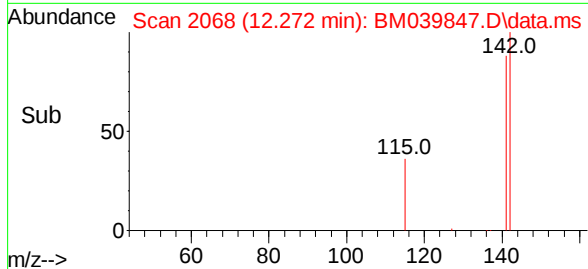
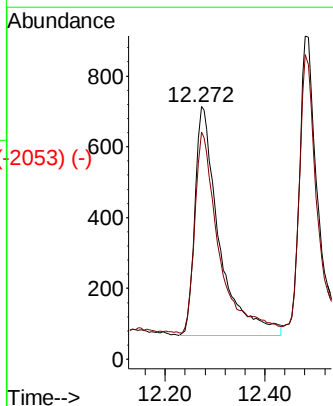
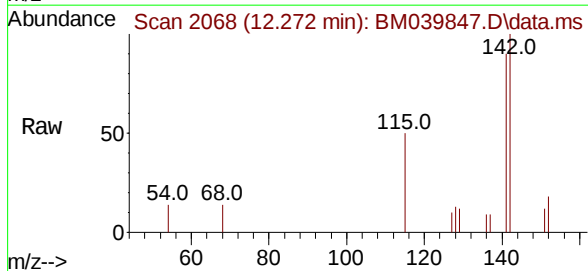
Instrument :
 BNA_M
 ClientSampleId :
 EW950

Tgt Ion:	128	Resp:	3822
Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.8	14.6#
127	15.7	11.1	16.7



2-Methylnaphthalene
 Concen: 0.179 ng/ul
 RT: 12.272 min Scan# 2068
 Delta R.T. -0.017 min
 Lab File: BM039847.D
 Acq: 05 May 2023 16:20

Tgt Ion:	142	Resp:	2183
Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.2	109.8



Abundance Scan 2110 (12.503 min): BM039835.D\data.ms (-2102) (-)

1-Methylnaphthalene

Concen: 0.143 ng/ul

RT: 12.481 min Scan# 2106

Delta R.T. -0.011 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

Instrument :

BNA_M

ClientSampleId :

EW950

Tgt Ion:142 Resp: 1879

Ion Ratio Lower Upper

142 100

141 93.1 73.4 110.2

Abundance Scan 2106 (12.481 min): BM039847.D\data.ms

Raw

54.0 68.0 115.0 142.0

m/z-->

Abundance Scan 2106 (12.481 min): BM039847.D\data.ms (-2090) (-)

Sub

115.0 142.0

m/z-->

Abundance

12.481

800

600

400

200

0

Time-->

Abundance Scan 2441 (14.178 min): BM039835.D\data.ms (-2430) (-)

Acenaphthylene

Concen: 0.191 ng/ul

RT: 14.154 min Scan# 2436

Delta R.T. -0.019 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

Tgt Ion:152 Resp: 3766

Ion Ratio Lower Upper

152 100

151 23.4 16.0 24.0

153 18.6 11.2 16.8#

Abundance Scan 2436 (14.154 min): BM039847.D\data.ms

Raw

152.0 160.0 166.0

m/z-->

Abundance Scan 2436 (14.154 min): BM039847.D\data.ms (-2397) (-)

Sub

152.0 160.0

m/z-->

Abundance

14.154

1500

1000

500

0

Time-->

Abundance Scan 2513 (14.511 min): BM039835.D\data.ms (-2501) (-)

Acenaphthene

Concen: 0.354 ng/ul

RT: 14.497 min Scan# 2513

Delta R.T. -0.014 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

Instrument :

BNA_M

ClientSampleId :

EW950

Tgt Ion:153 Resp: 5487

Ion Ratio Lower Upper

153 100

152 51.2 40.6 61.0

154 89.9 71.9 107.9

Abundance Scan 2510 (14.497 min): BM039847.D\data.ms

Ref 50

153.0

160.0 166.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2510 (14.497 min): BM039847.D\data.ms (-2491) (-)

Raw 50

153.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2510 (14.497 min): BM039847.D\data.ms (-2491) (-)

Sub 50

153.0

m/z-->

145 150 155 160 165 170 175

Abundance

14.497

3000

2000

1000

0

Time-->

14.40 14.50 14.60

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

Fluorene

Concen: 0.387 ng/ul

RT: 15.491 min Scan# 2725

Delta R.T. -0.023 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

Tgt Ion:166 Resp: 6646

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

167 16.8 11.8 17.6

Abundance Scan 2725 (15.491 min): BM039847.D\data.ms

Ref 50

166.0

154.0 160.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2725 (15.491 min): BM039847.D\data.ms (-2708) (-)

Raw 50

166.0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2725 (15.491 min): BM039847.D\data.ms (-2708) (-)

Sub 50

166.0

m/z-->

145 150 155 160 165 170 175

Abundance

15.491

4000

3000

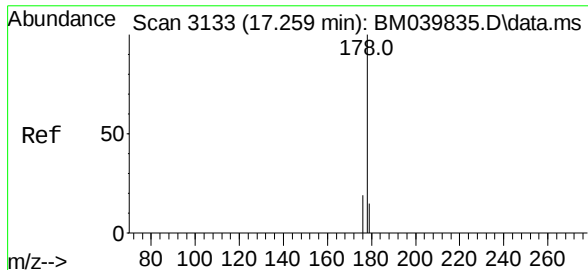
2000

1000

0

Time-->

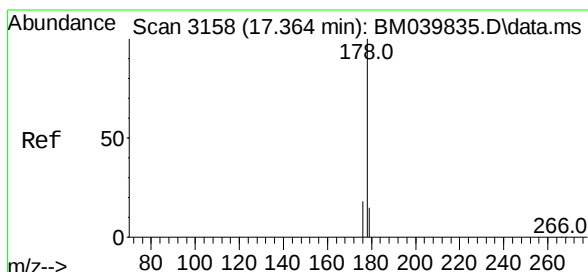
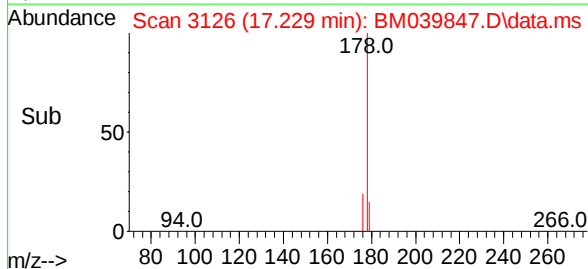
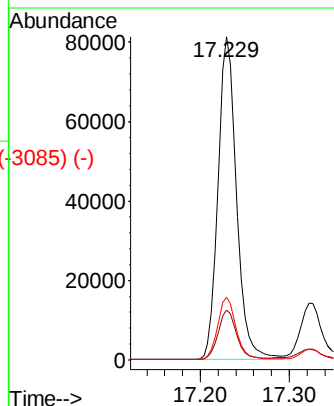
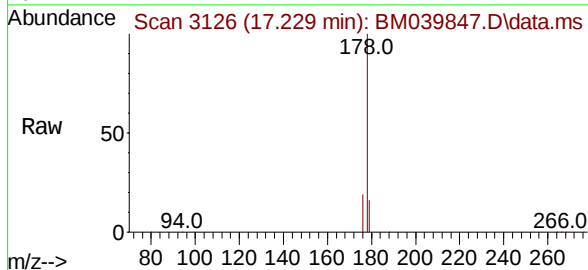
15.40 15.50 15.60



Phenanthrene
Concen: 3.786 ng/ul
RT: 17.229 min Scan# 3126
Delta R.T. -0.025 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

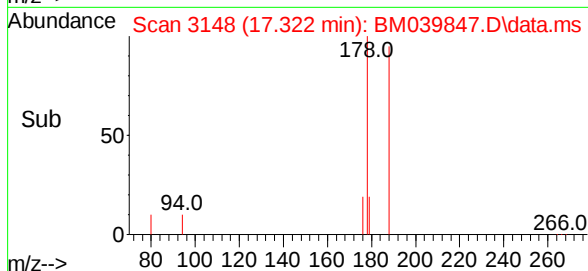
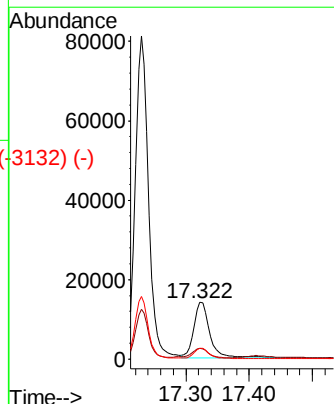
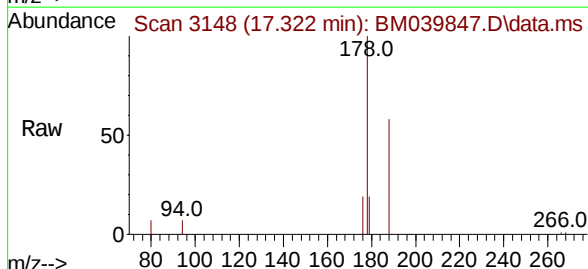
Instrument :
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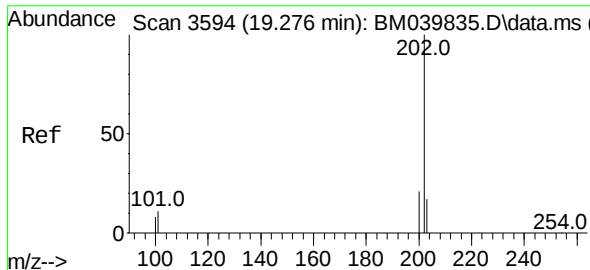
Tgt Ion:	178	Resp:	117792
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.3	15.8	23.8



Anthracene
Concen: 0.902 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.034 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Tgt Ion:	178	Resp:	24102
Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.8	20.6
176	19.2	15.8	23.8





Fluoranthene

Concen: 5.390 ng/ul

RT: 19.257 min Scan#

Delta R.T. -0.014 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

Instrument :

BNA_M

ClientSampleId :

EW950

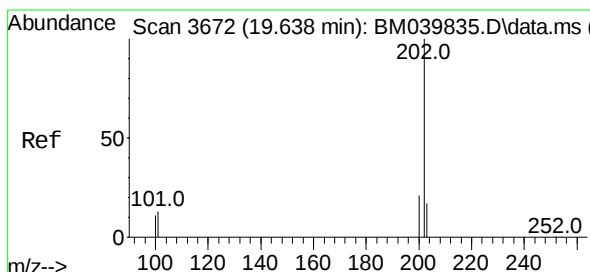
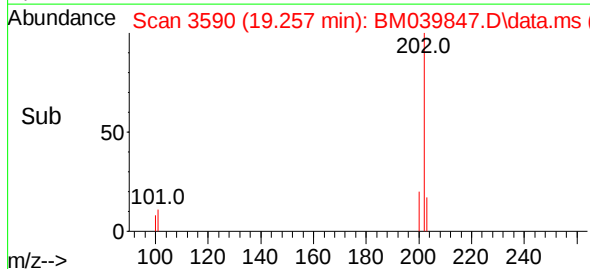
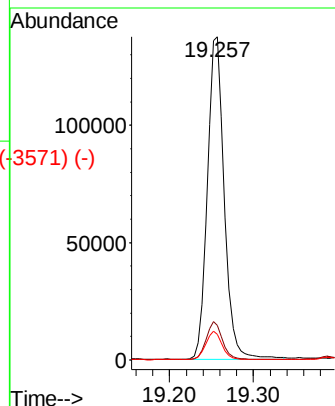
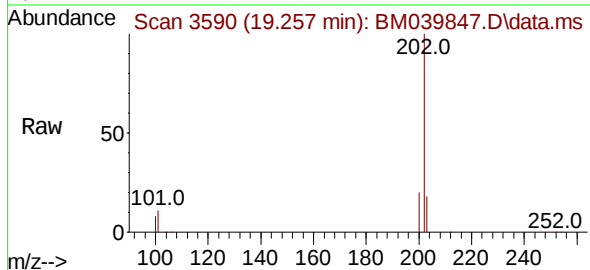
Tgt Ion:202 Resp: 193404

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

100 7.9 7.3 10.9



Pyrene

Concen: 4.010 ng/ul

RT: 19.620 min Scan# 3668

Delta R.T. -0.014 min

Lab File: BM039847.D

Acq: 05 May 2023 16:20

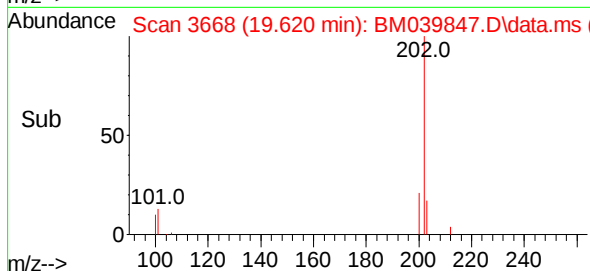
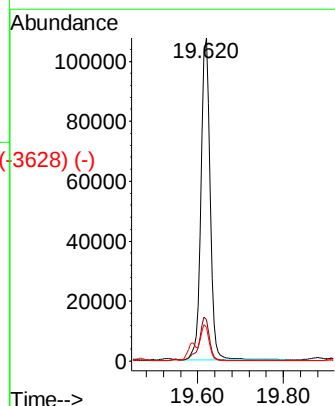
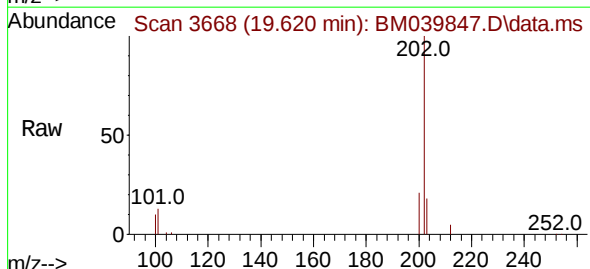
Tgt Ion:202 Resp: 155374

Ion Ratio Lower Upper

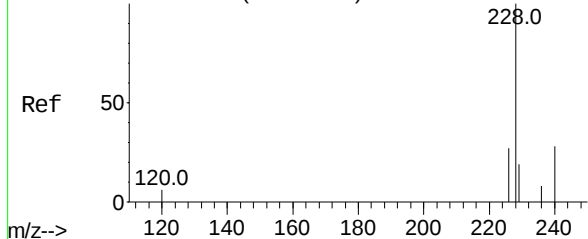
202 100

101 12.9 10.9 16.3

100 10.4 8.9 13.3



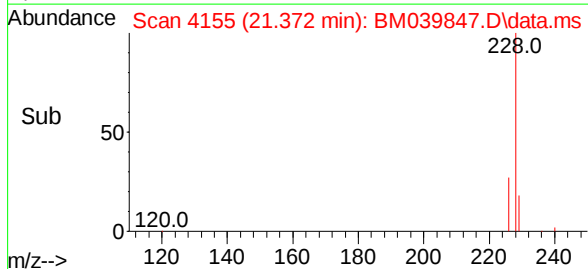
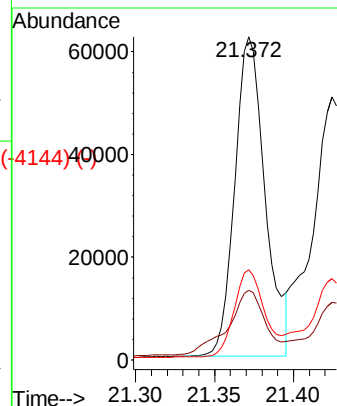
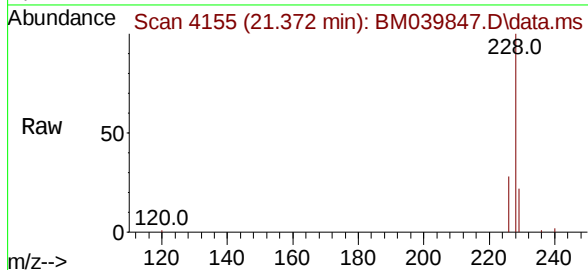
Abundance Scan 4162 (21.392 min): BM039835.D\data.ms (-4121) (-)



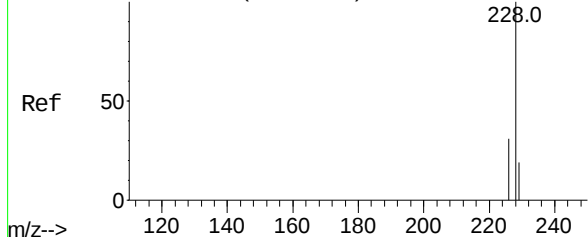
Benzo(a)anthracene
Concen: 2.880 ng/u1
RT: 21.372 min Scan# 4155
Delta R.T. -0.019 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	228	Resp:	83286
Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	28.0	21.6	32.4

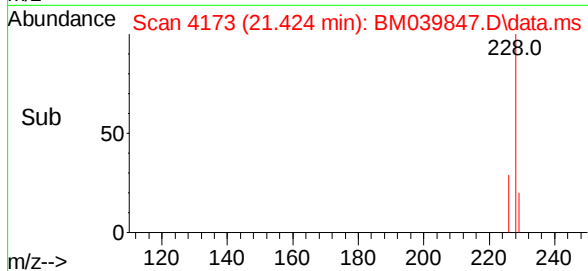
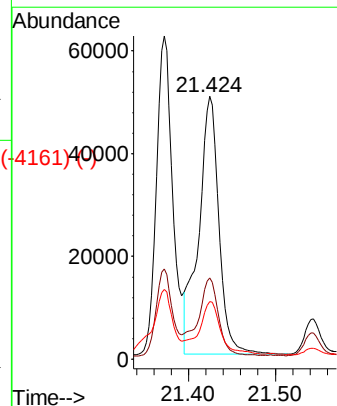
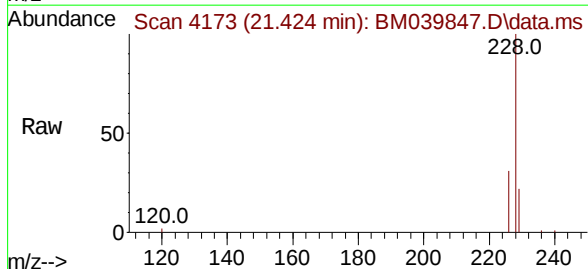


Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4122) (-)

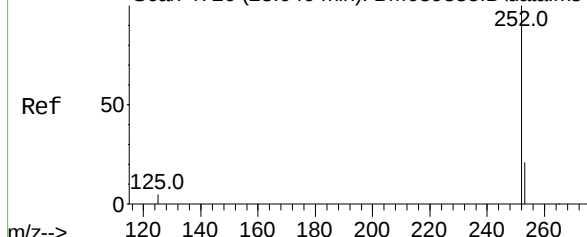


Chrysene
Concen: 2.475 ng/u1
RT: 21.424 min Scan# 4173
Delta R.T. -0.016 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Tgt Ion:	228	Resp:	80999
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	21.9	15.9	23.9



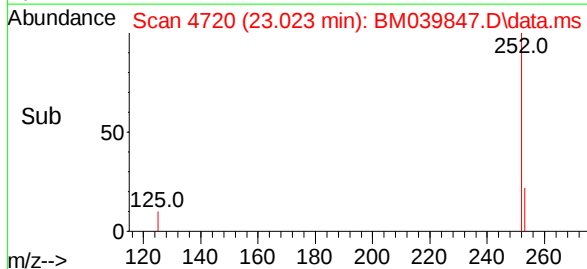
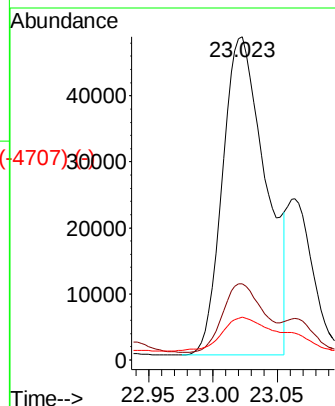
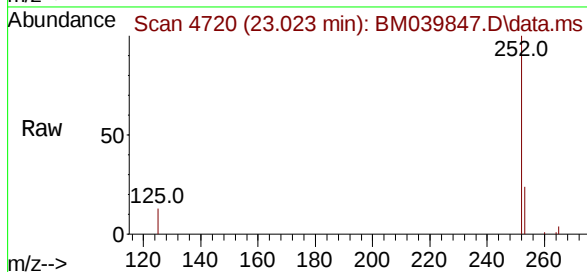
Abundance Scan 4726 (23.040 min): BM039835.D\data.ms (-4726) (-)



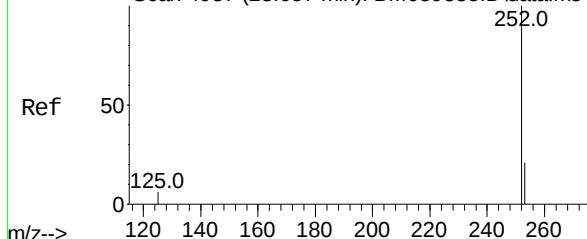
Benzo(b)fluoranthene
Concen: 3.116 ng/u1
RT: 23.023 min Scan# 4724
Delta R.T. -0.013 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Instrument :
BNA_M
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EW950

Tgt Ion:	252	Resp:	112423
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	52.8
125	13.2	0.0	31.6

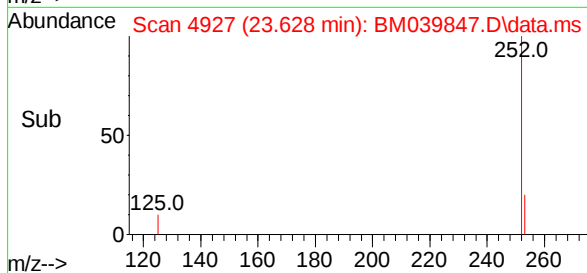
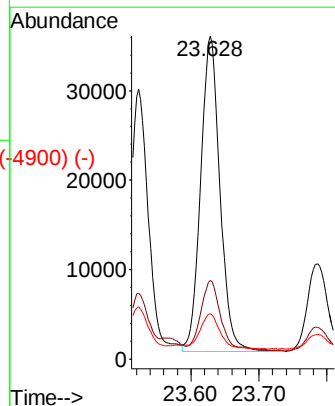
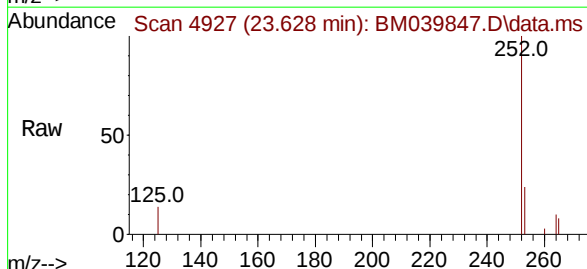


Abundance Scan 4937 (23.657 min): BM039835.D\data.ms (-4926) (-)

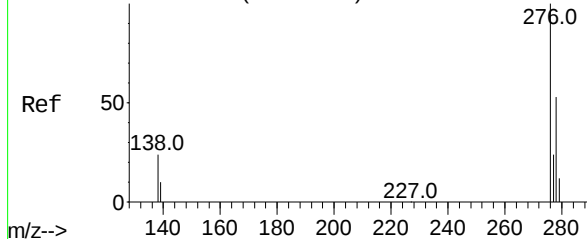


Benzo(a)pyrene
Concen: 2.133 ng/u1
RT: 23.628 min Scan# 4927
Delta R.T. -0.022 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Tgt Ion:	252	Resp:	69106
Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.7	37.1#
125	14.0	16.5	24.7#



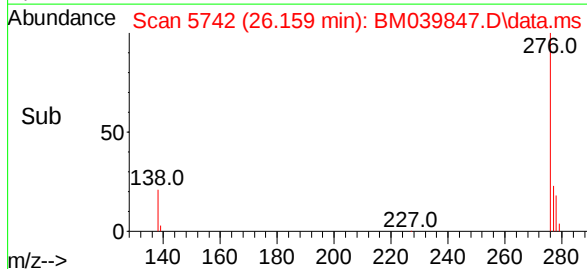
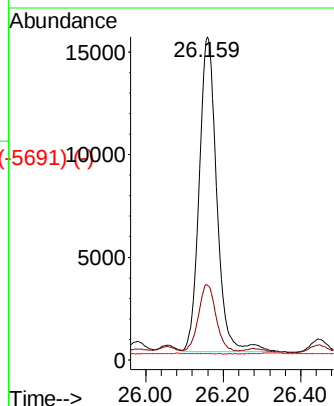
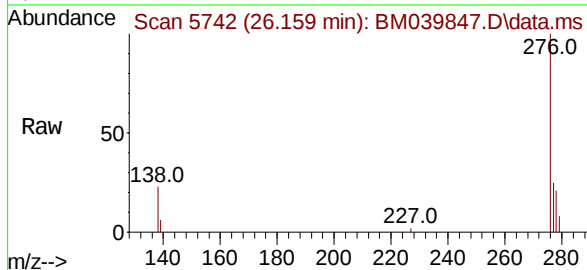
Abundance Scan 5752 (26.192 min): BM039835.D\data.ms (-5728) (-)



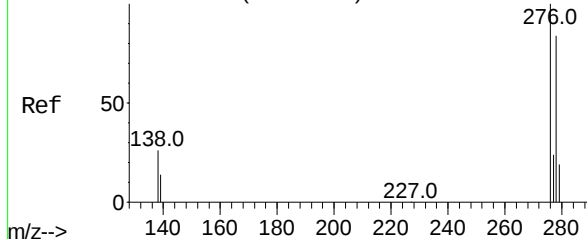
Indeno(1,2,3-cd)pyrene
Concen: 1.198 ng/ul
RT: 26.159 min Scan# 5742
Delta R.T. -0.028 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:276 Resp: 49072
Ion Ratio Lower Upper
276 100
138 20.8 21.1 31.7#
227 0.1 0.1 0.1

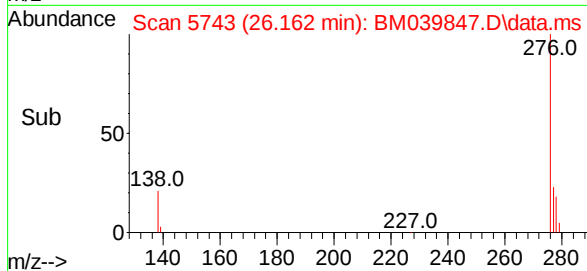
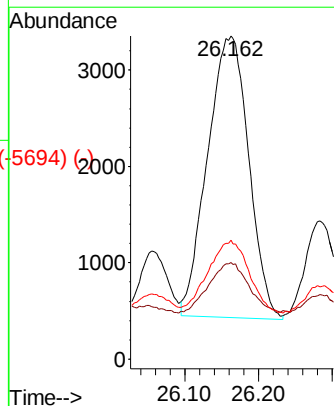
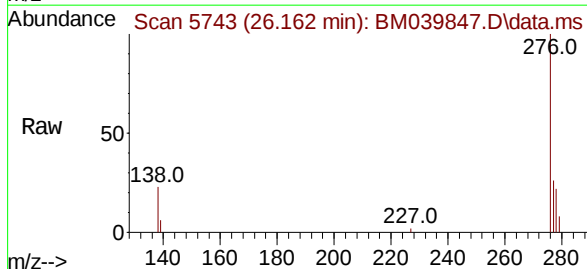


Abundance Scan 5758 (26.213 min): BM039835.D\data.ms (-5728) (-)

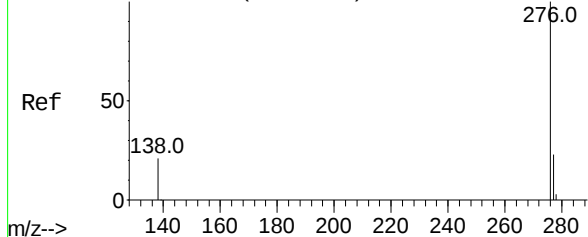


Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.035 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Tgt Ion:278 Resp: 11324
Ion Ratio Lower Upper
278 100
139 29.8 17.0 25.6#
279 36.8 23.4 35.2#

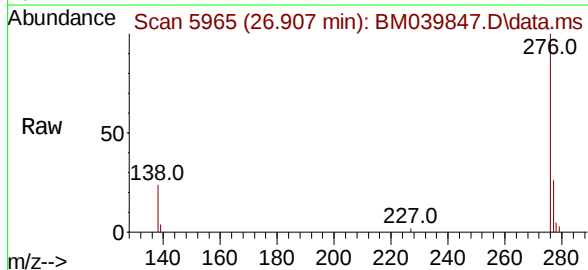


Abundance Scan 5977 (26.947 min): BM039835.D\data.ms (-5949) (-)



Benzo(g,h,i)perylene
Concen: 1.320 ng/u1
RT: 26.907 min Scan# 5949
Delta R.T. -0.025 min
Lab File: BM039847.D
Acq: 05 May 2023 16:20

Instrument :
BNA_M
ClientSampleId :
EW950



Tgt Ion:	276	Resp:	47132
Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.1	30.1
277	25.6	20.1	30.1

