

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039852.D
 Acq On : 05 May 2023 19:21
 Operator : CG/JU
 Sample : 02749-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW944DL

Quant Time: May 06 02:48:19 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)

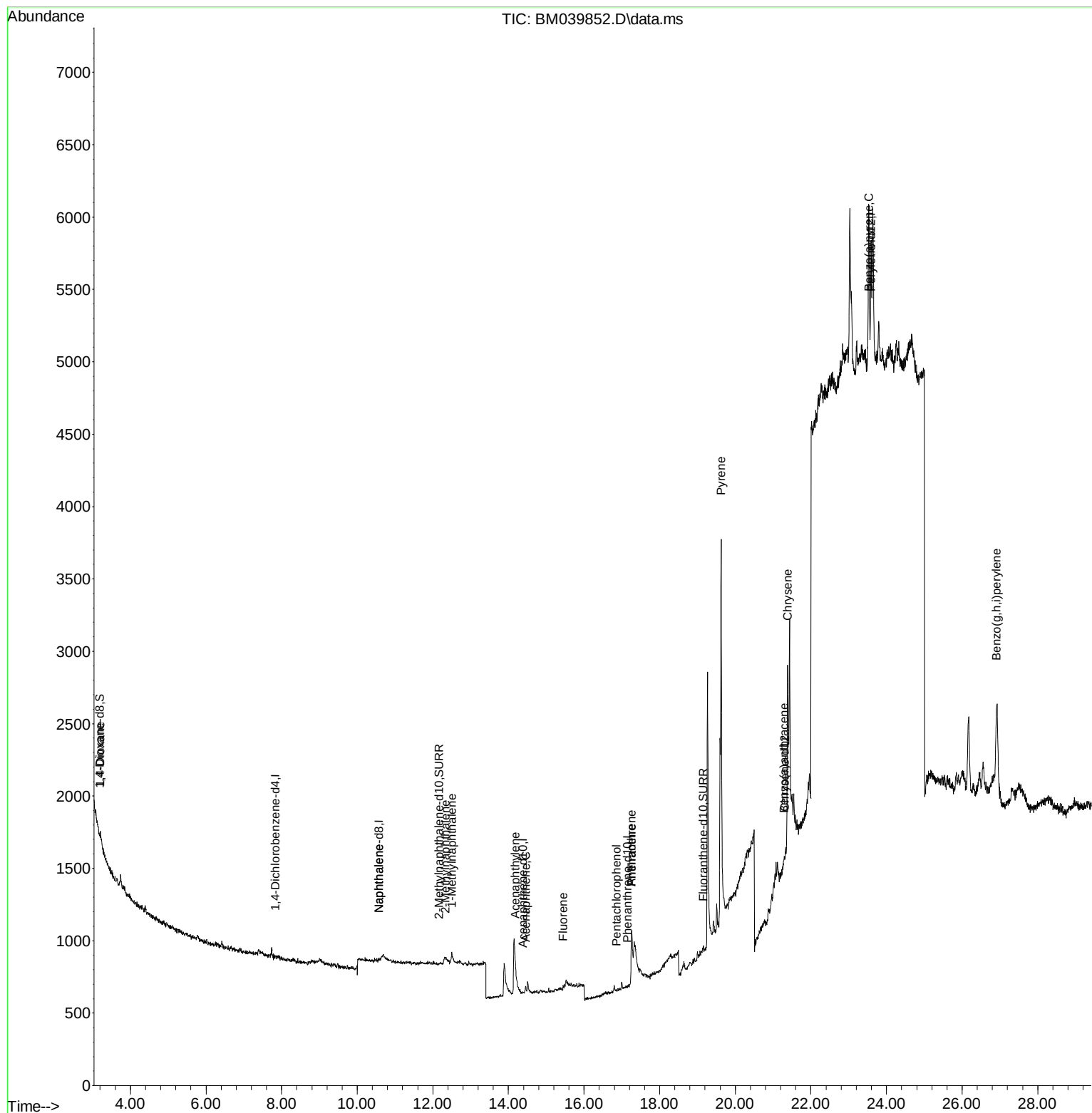
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	12	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.573	136	2	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.386	164	5	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	17.149	188	3	0.400	ng/ul	#-0.06
17) Chrysene-d12	21.310	240	12	0.400	ng/ul	#-0.09
23) Perylene-d12	23.593	264	1048	0.400	ng/ul	#-0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	16	0.905	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.162	152	3	1.169	ng/ul	-0.05
18) Fluoranthene-d10	19.155	212	8	0.248	ng/ul	-0.09
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	12	0.655	ng/ul#	80
5) Naphthalene	10.573	128	6	1.195	ng/ul#	1
7) 2-Methylnaphthalene	12.338	142	159	54.854	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	66	21.226	ng/ul	94
10) Acenaphthylene	14.182	152	331	17.104	ng/ul#	20
11) Acenaphthene	14.455	153	6	0.395	ng/ul#	69
12) Fluorene	15.445	166	14	0.830	ng/ul#	44
14) Pentachlorophenol	16.854	266	3	4.588	ng/ul#	36
15) Phenanthrene	17.259	178	1011	127.915	ng/ul#	56
16) Anthracene	17.259	178	1011	148.971	ng/ul#	57
20) Pyrene	19.624	202	2900	62.727	ng/ul#	91
21) Benzo(a)anthracene	21.290	228	14	0.406	ng/ul#	1
22) Chrysene	21.383	228	1779	45.563	ng/ul#	56
26) Benzo(a)pyrene	23.532	252	1874	0.567	ng/ul#	11
29) Benzo(g,h,i)perylene	26.910	276	1182	0.325	ng/ul#	33

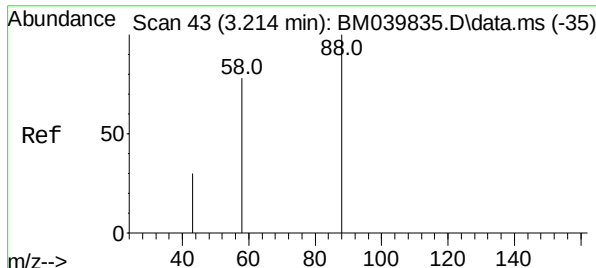
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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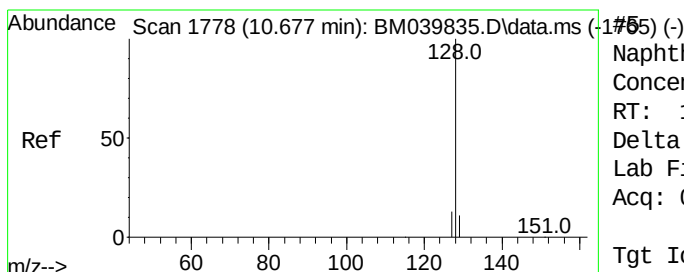
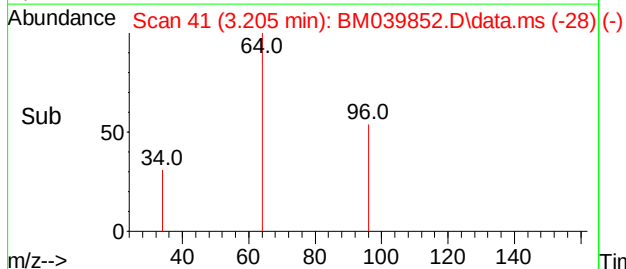
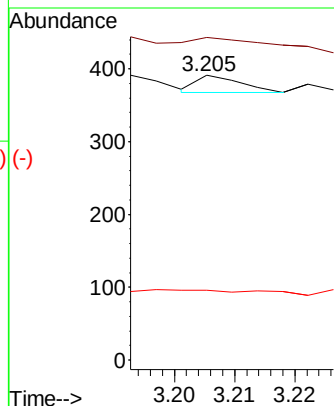
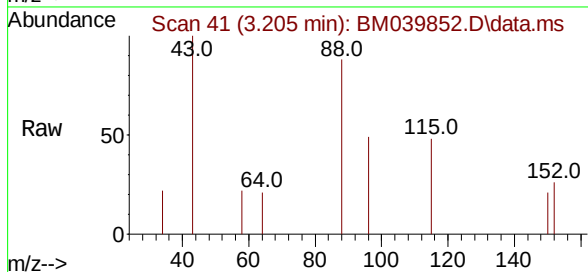




1,4-Dioxane
Concen: 0.655 ng/ul
RT: 3.205 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

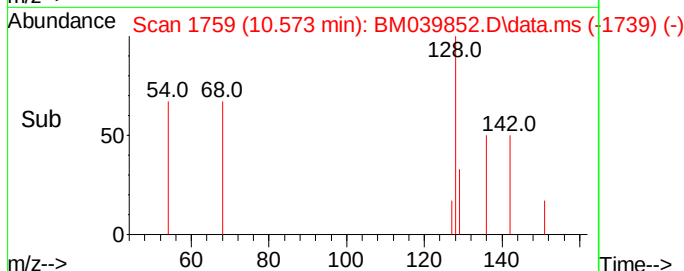
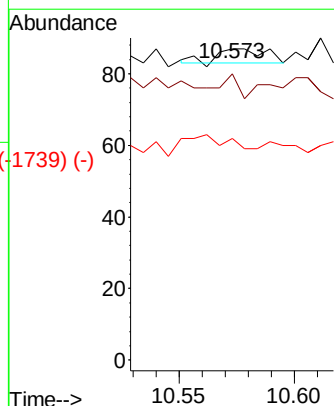
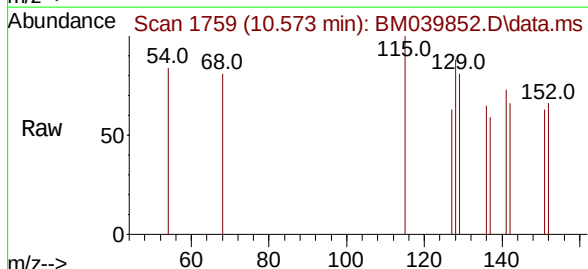
Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion: 88 Resp: 12
Ion Ratio Lower Upper
88 100
43 113.3 102.6 153.8
58 24.6 40.6 61.0#



Naphthalene
Concen: 1.195 ng/ul
RT: 10.573 min Scan# 1759
Delta R.T. -0.088 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion: 128 Resp: 6
Ion Ratio Lower Upper
128 100
129 92.0 9.8 14.6#
127 71.3 11.1 16.7#



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

2-Methylnaphthalene

Concen: 54.854 ng/ul

RT: 12.338 min Scan# 2107

Delta R.T. 0.050 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Instrument :

BNA_M

ClientSampleId :

EW944DL

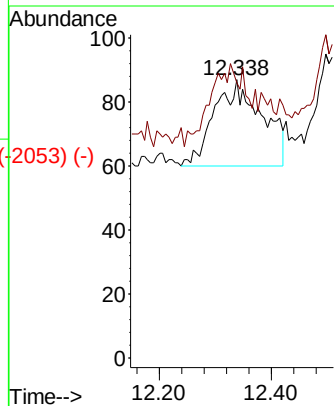
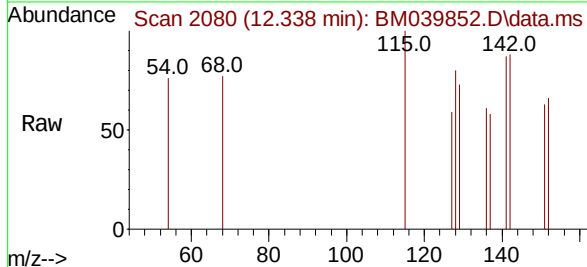
Tgt Ion:142 Resp: 159

Ion Ratio Lower Upper

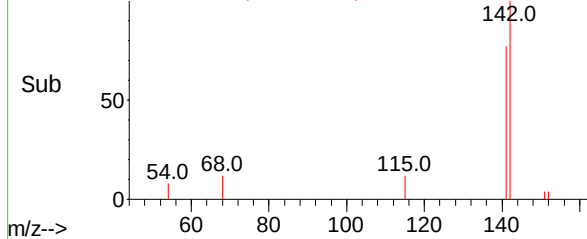
142 100

141 93.1 73.2 109.8

Abundance Scan 2080 (12.338 min): BM039852.D\data.ms



Abundance Scan 2080 (12.338 min): BM039852.D\data.ms (-2053) (-)



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

1-Methylnaphthalene

Concen: 21.226 ng/ul

RT: 12.498 min Scan# 2109

Delta R.T. 0.005 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

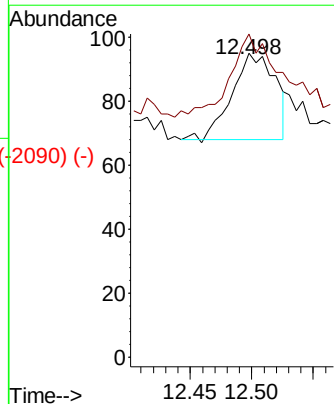
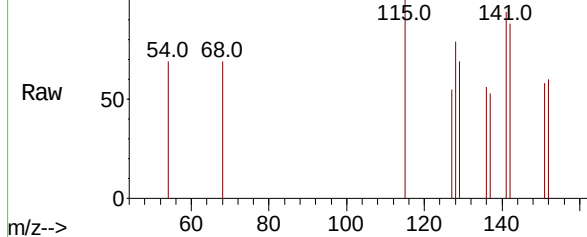
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

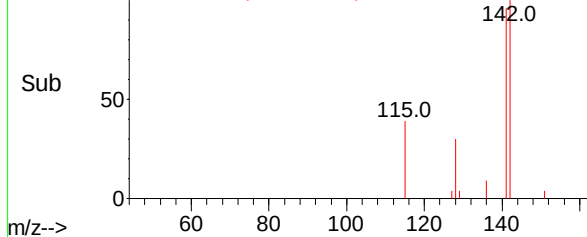
142 100

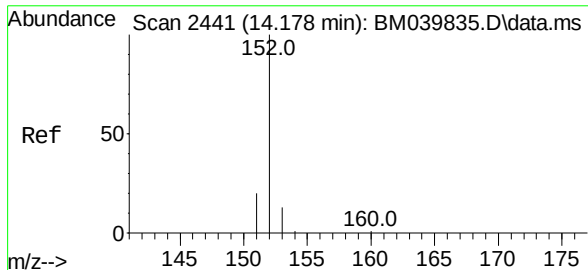
141 86.4 73.4 110.2

Abundance Scan 2109 (12.498 min): BM039852.D\data.ms



Abundance Scan 2109 (12.498 min): BM039852.D\data.ms (-2090) (-)





Acenaphthylene

Concen: 17.104 ng/ul

RT: 14.182 min Scan# 2441

Delta R.T. 0.009 min

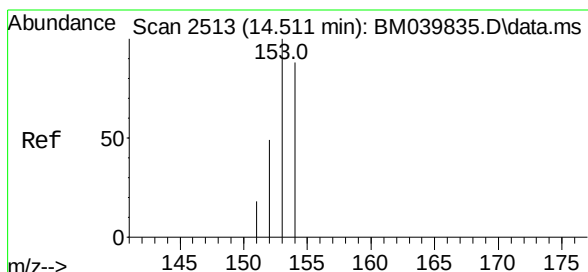
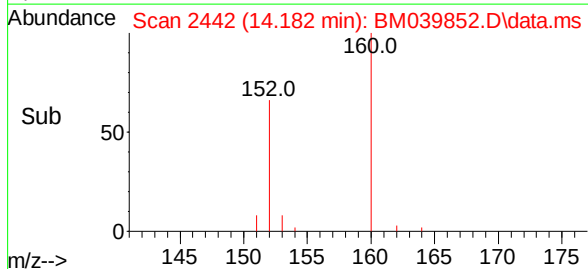
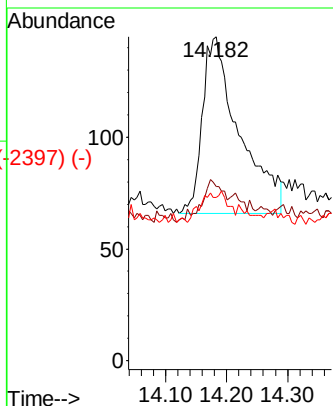
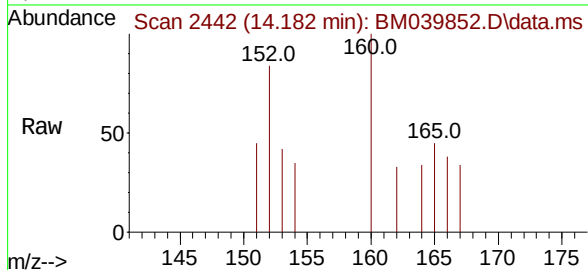
Lab File: BM039852.D

Acq: 05 May 2023 19:21

Instrument : BNA_M

ClientSampleId : EW944DL

Tgt Ion:	152	Resp:	331
Ion	Ratio	Lower	Upper
152	100		
151	53.8	16.0	24.0#
153	50.3	11.2	16.8#



Acenaphthene

Concen: 0.395 ng/ul

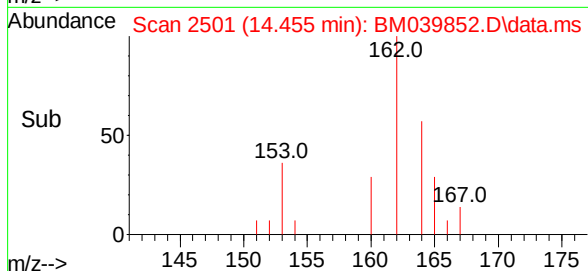
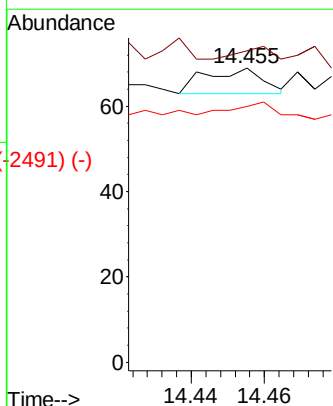
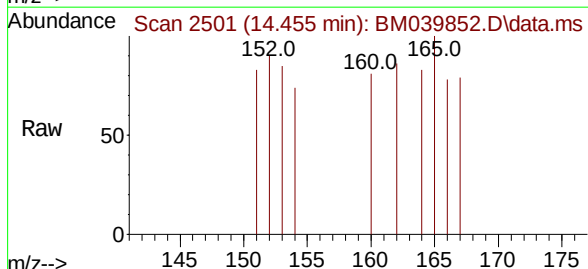
RT: 14.455 min Scan# 2501

Delta R.T. -0.056 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Tgt Ion:	153	Resp:	6
Ion	Ratio	Lower	Upper
153	100		
152	105.8	40.6	61.0#
154	87.0	71.9	107.9



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

Fluorene

Concen: 0.830 ng/ul

RT: 15.445 min Scan# 2715

Delta R.T. -0.069 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Instrument :

BNA_M

ClientSampleId :

EW944DL

Tgt Ion:166 Resp: 14

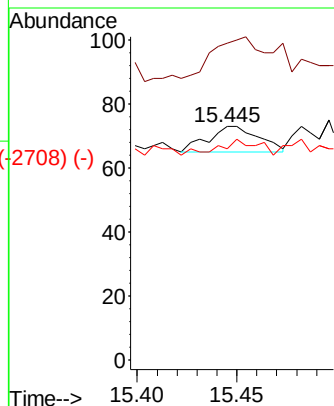
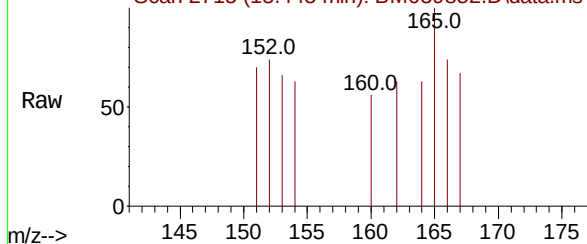
Ion Ratio Lower Upper

166 100

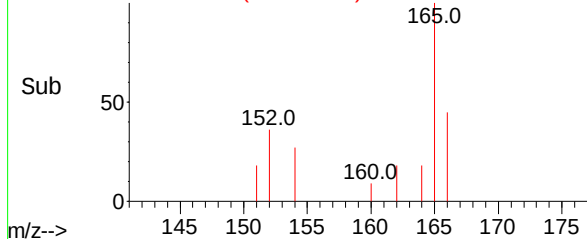
165 135.6 79.0 118.6#

167 90.4 11.8 17.6#

Abundance Scan 2715 (15.445 min): BM039852.D\data.ms



Abundance Scan 2715 (15.445 min): BM039852.D\data.ms (-2708) (-)



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

Pentachlorophenol

Concen: 4.588 ng/ul

RT: 16.854 min Scan# 3037

Delta R.T. -0.055 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Tgt Ion:266 Resp: 3

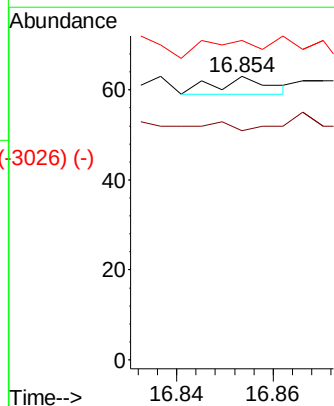
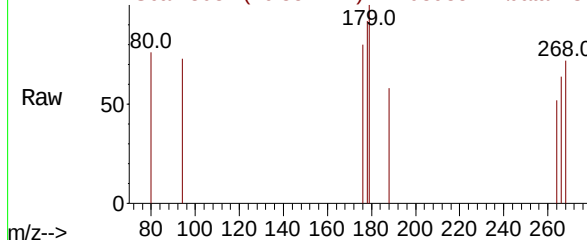
Ion Ratio Lower Upper

266 100

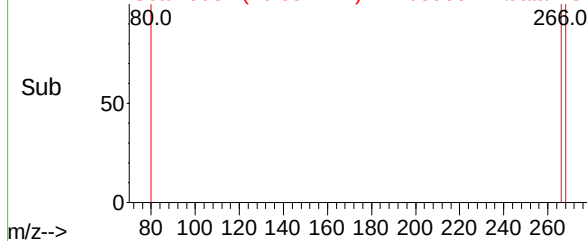
264 0.0 48.8 73.2#

268 100.0 50.4 75.6#

Abundance Scan 3037 (16.854 min): BM039852.D\data.ms



Abundance Scan 3037 (16.854 min): BM039852.D\data.ms (-3026) (-)



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

Phenanthrene

Concen: 127.915 ng/ul

RT: 17.259 min Scan# 3133

Delta R.T. 0.004 min

Lab File: BM039852.D

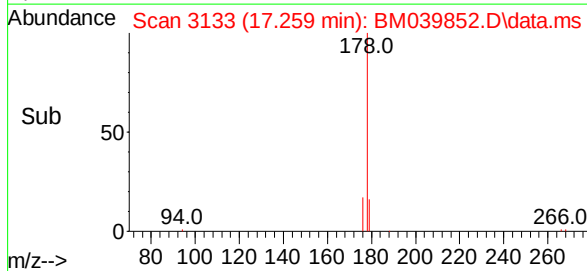
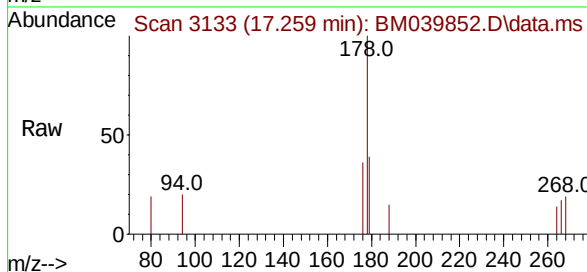
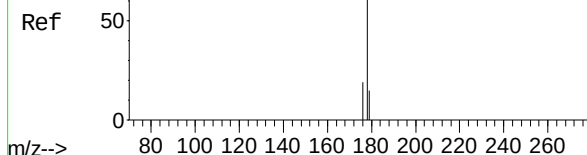
Acq: 05 May 2023 19:21

Instrument :

BNA_M

ClientSampleId :

EW944DL



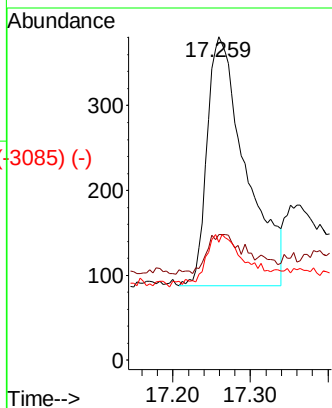
Tgt Ion:178 Resp: 1011

Ion Ratio Lower Upper

178 100

179 38.8 13.0 19.6#

176 36.5 15.8 23.8#



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

Anthracene

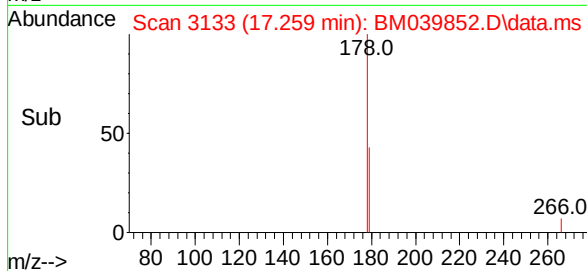
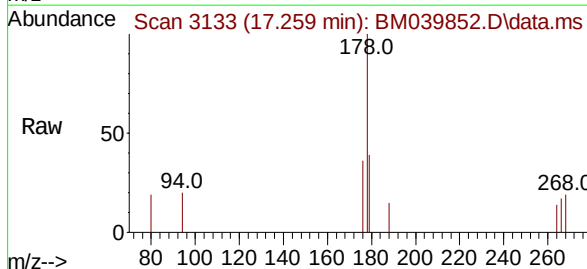
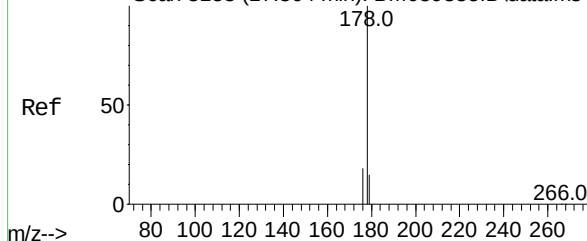
Concen: 148.971 ng/ul

RT: 17.259 min Scan# 3133

Delta R.T. -0.097 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21



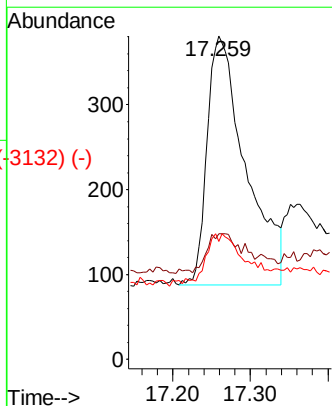
Tgt Ion:178 Resp: 1011

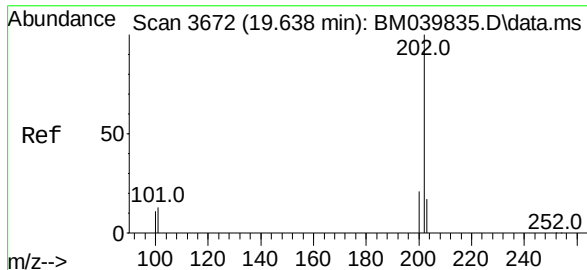
Ion Ratio Lower Upper

178 100

179 38.8 13.8 20.6#

176 36.5 15.8 23.8#





Pyrene

Concen: 62.727 ng/ul

RT: 19.624 min Scan#

Delta R.T. -0.009 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Instrument :

BNA_M

ClientSampleId :

EW944DL

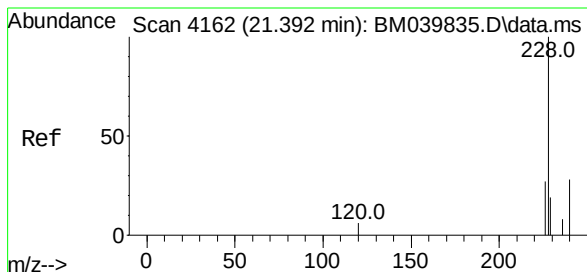
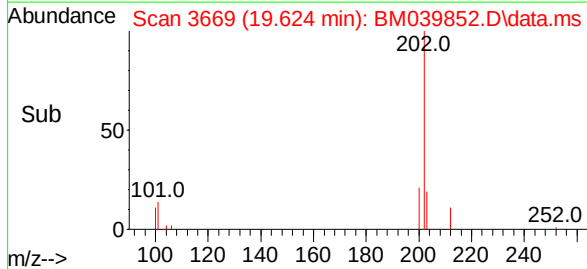
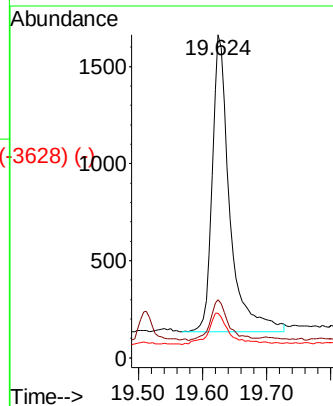
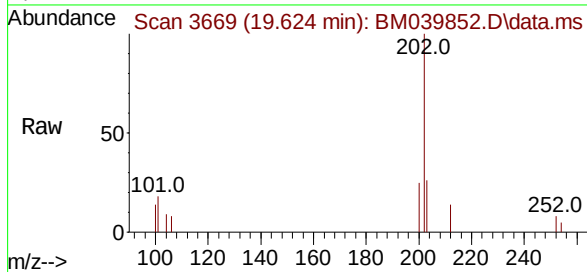
Tgt Ion:202 Resp: 2900

Ion Ratio Lower Upper

202 100

101 17.9 10.9 16.3#

100 13.8 8.9 13.3#



Benzo(a)anthracene

Concen: 0.406 ng/ul

RT: 21.290 min Scan# 4127

Delta R.T. -0.101 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

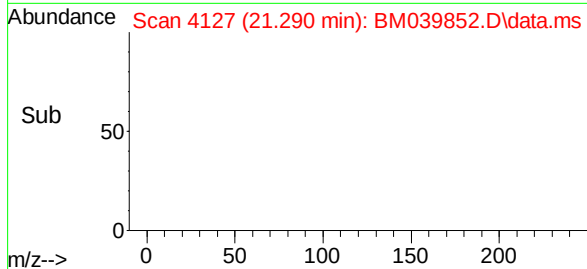
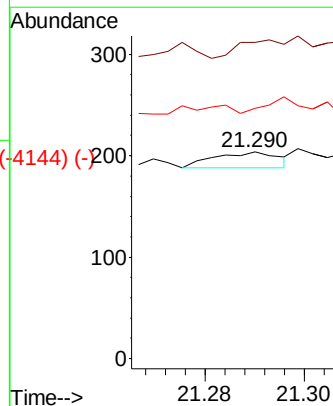
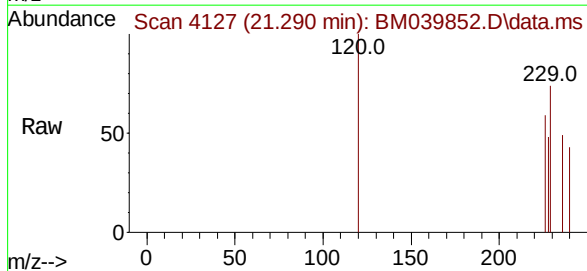
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

229 152.9 16.2 24.2#

226 121.1 21.6 32.4#



Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4172) (-)

Chrysene

Concen: 45.563 ng/ul

RT: 21.383 min Scan# 4159

Delta R.T. -0.057 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Instrument :

BNA_M

ClientSampleId :

EW944DL

Tgt Ion:228 Resp: 1779

Ion Ratio Lower Upper

228 100

226 48.3 24.3 36.5#

229 47.5 15.9 23.9#

Abundance Scan 4159 (21.383 min): BM039852.D\data.ms

228.0

120.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240

Abundance Scan 4159 (21.383 min): BM039852.D\data.ms (-4161) (-)

228.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240

Abundance

1000

21.383

500

0

Time-->

21.35 21.40

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

Benzo(a)pyrene

Concen: 0.567 ng/ul

RT: 23.532 min Scan# 4894

Delta R.T. -0.118 min

Lab File: BM039852.D

Acq: 05 May 2023 19:21

Tgt Ion:252 Resp: 1874

Ion Ratio Lower Upper

252 100

253 67.1 24.7 37.1#

125 78.4 16.5 24.7#

Abundance Scan 4894 (23.532 min): BM039852.D\data.ms

265.0

125.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4894 (23.532 min): BM039852.D\data.ms (-4900) (-)

252.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

1000

23.532

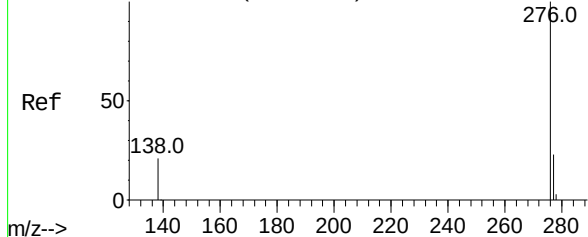
500

0

Time-->

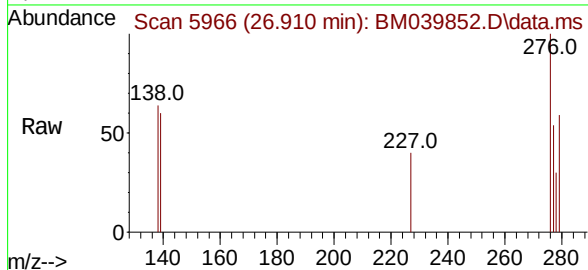
23.50 23.60

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



Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.022 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL



Tgt Ion:	276	Resp:	1182
Ion	Ratio	Lower	Upper
276	100		
138	63.9	20.1	30.1#
277	54.1	20.1	30.1#

