

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039842.D
 Acq On : 05 May 2023 12:43
 Operator : CG/JU
 Sample : 02447-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW911DL

Quant Time: May 06 02:20:44 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)

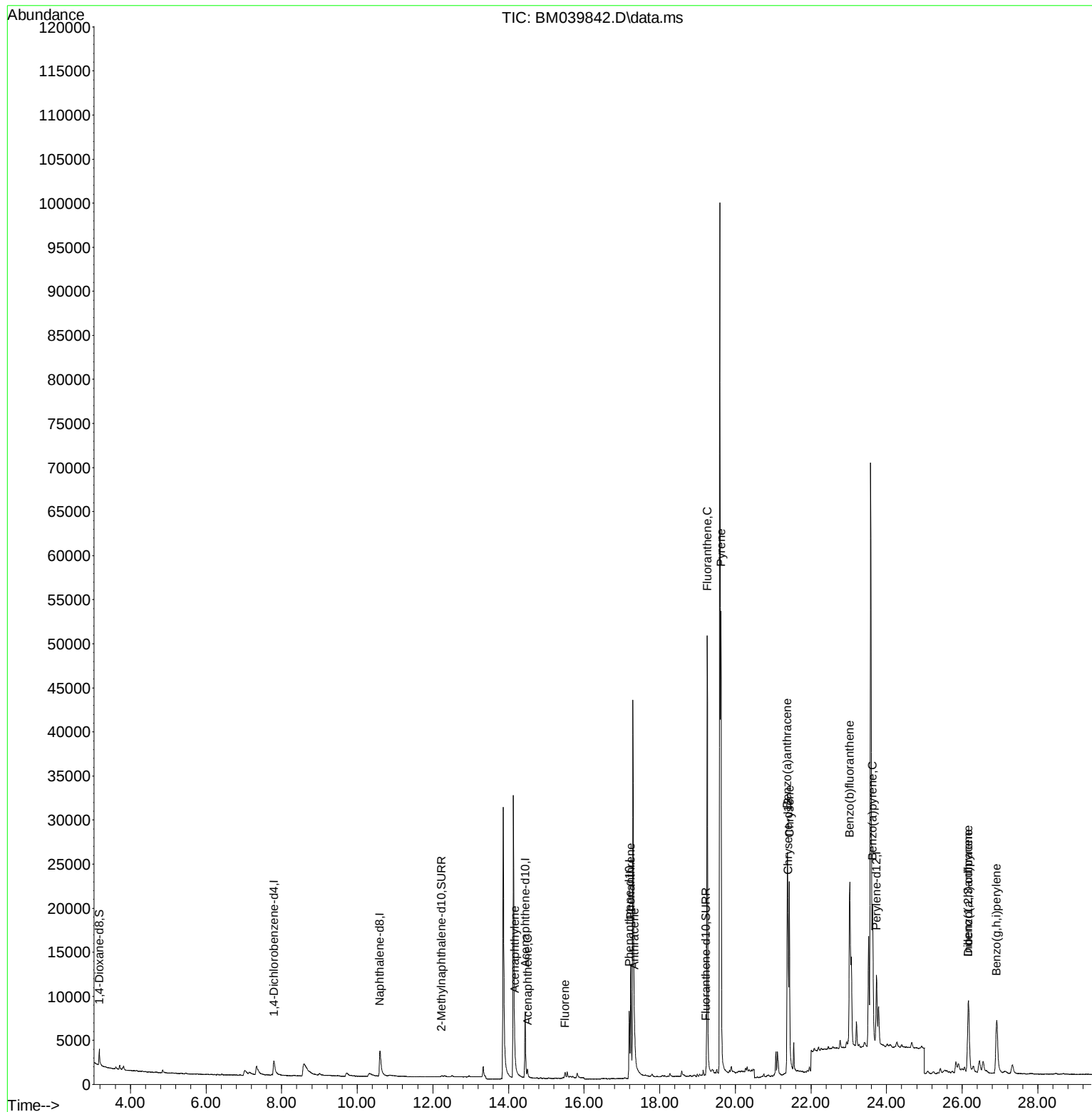
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	1940	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.601	136	7755	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.441	164	4933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	10775	0.400	ng/ul	-0.02
17) Chrysene-d12	21.393	240	10721	0.400	ng/ul	-0.01
23) Perylene-d12	23.735	264	10964	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1313	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	311	0.031	ng/ul	0.01
18) Fluoranthene-d10	19.229	212	977	0.034	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.164	152	1124	0.059	ng/ul#	75
11) Acenaphthene	14.502	153	592	0.039	ng/ul	95
12) Fluorene	15.496	166	634	0.038	ng/ul#	94
15) Phenanthrene	17.234	178	15909	0.560	ng/ul	100
16) Anthracene	17.331	178	3597	0.148	ng/ul#	92
19) Fluoranthene	19.257	202	46669	1.220	ng/ul	98
20) Pyrene	19.620	202	45958	1.113	ng/ul	100
21) Benzo(a)anthracene	21.376	228	25640	0.832	ng/ul	97
22) Chrysene	21.429	228	21858	0.627	ng/ul	97
24) Benzo(b)fluoranthene	23.024	252	33751	0.877	ng/ul	99
26) Benzo(a)pyrene	23.629	252	21822	0.631	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.164	276	15930	0.364	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.164	278	3638	0.107	ng/ul#	69
29) Benzo(g,h,i)perylene	26.915	276	14677	0.385	ng/ul	98

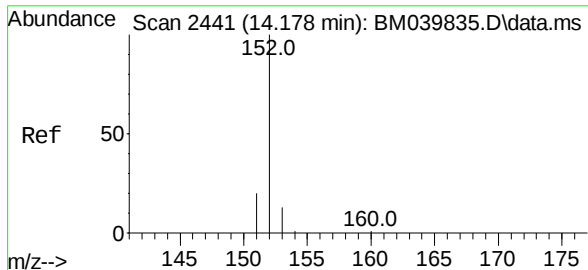
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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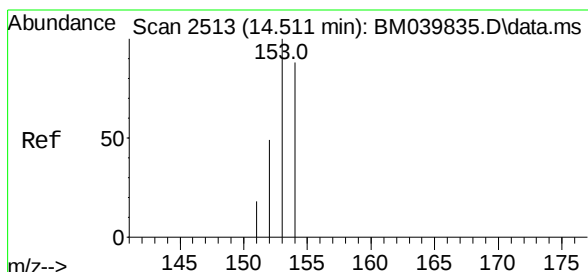
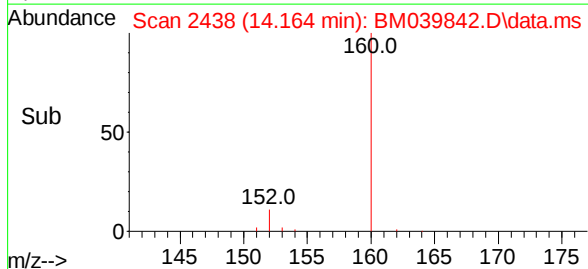
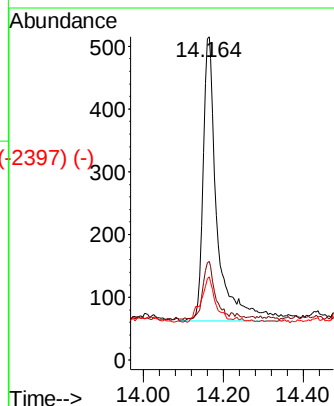
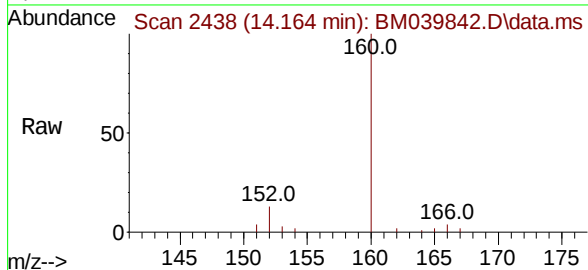




Acenaphthylene
 Concen: 0.059 ng/ul
 RT: 14.164 min Scan# 2438
 Delta R.T. -0.009 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

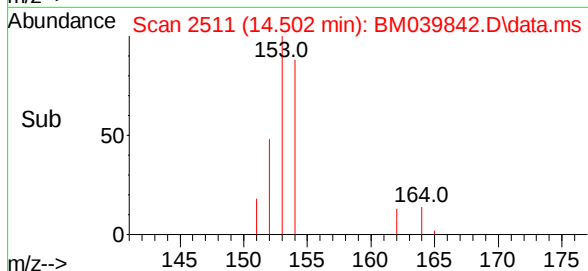
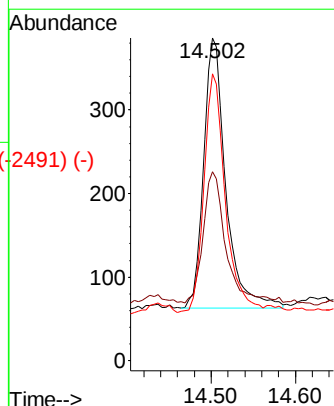
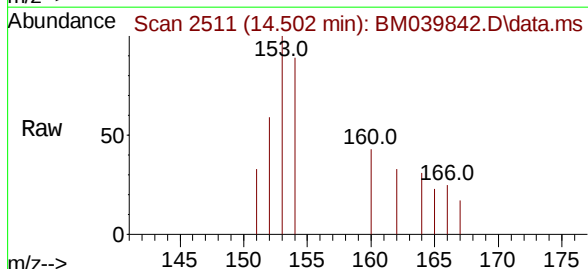
Instrument :
 BNA_M
 ClientSampleId :
 EW911DL

Tgt Ion:	152	Resp:	1124
Ion	Ratio	Lower	Upper
152	100		
151	30.5	16.0	24.0#
153	25.8	11.2	16.8#

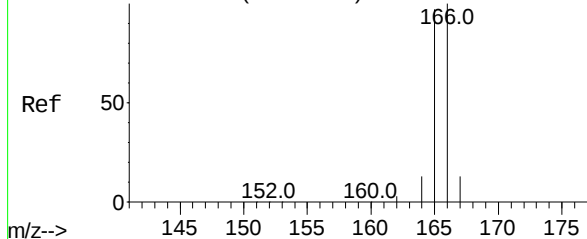


Acenaphthene
 Concen: 0.039 ng/ul
 RT: 14.502 min Scan# 2511
 Delta R.T. -0.009 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

Tgt Ion:	153	Resp:	592
Ion	Ratio	Lower	Upper
153	100		
152	58.5	40.6	61.0
154	88.9	71.9	107.9



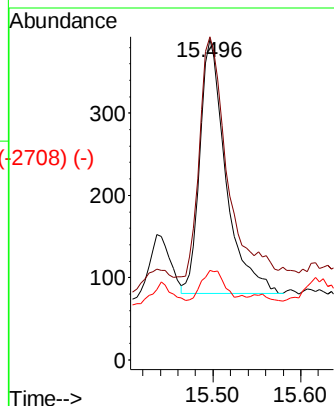
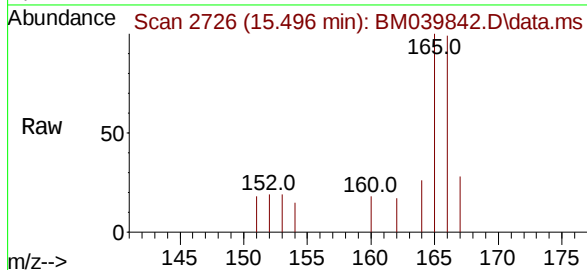
Abundance Scan 2732 (15.524 min): BM039835.D\data.ms (-2710) (-)



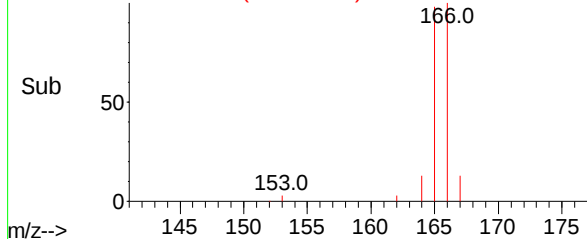
Fluorene
Concen: 0.038 ng/ul
RT: 15.496 min Scan# 2710
Delta R.T. -0.018 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

Instrument :
BNA_M
ClientSampleId :
EW911DL

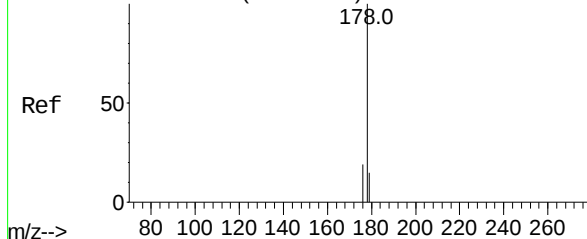
Tgt Ion:	166	Resp:	634
Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.0	118.6
167	27.9	11.8	17.6#



Abundance Scan 2726 (15.496 min): BM039842.D\data.ms (-2708) (-)

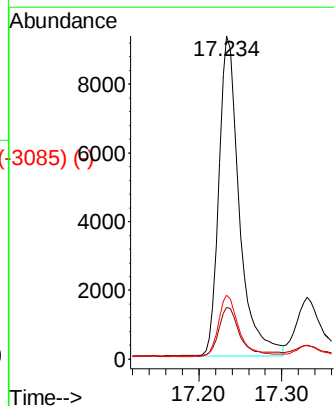
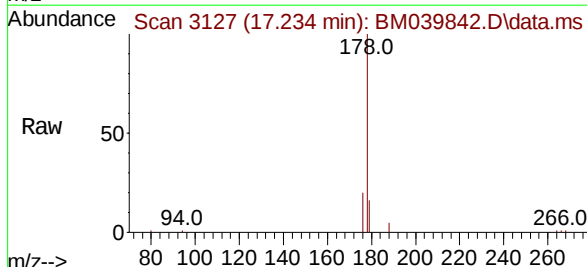


Abundance Scan 3133 (17.259 min): BM039835.D\data.ms (-3115) (-)

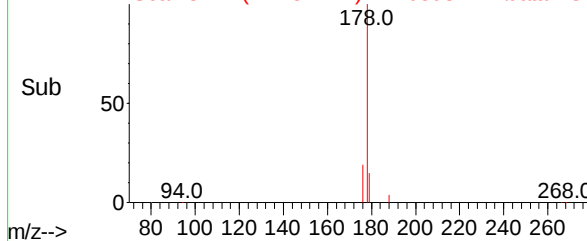


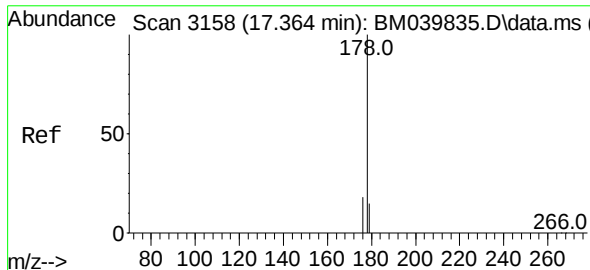
Phenanthrene
Concen: 0.560 ng/ul
RT: 17.234 min Scan# 3127
Delta R.T. -0.021 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

Tgt Ion:	178	Resp:	15909
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.8	15.8	23.8



Abundance Scan 3127 (17.234 min): BM039842.D\data.ms (-3085) (-)

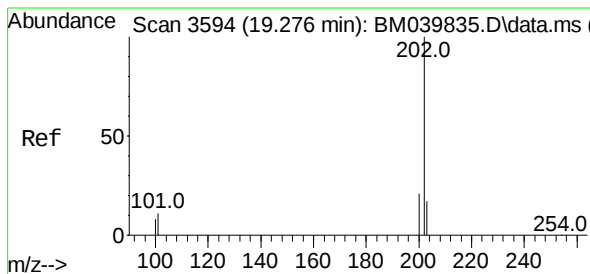
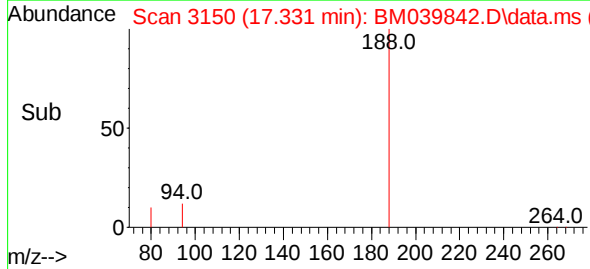
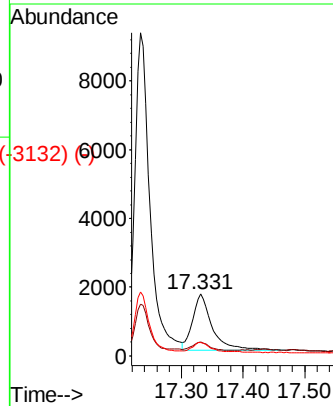
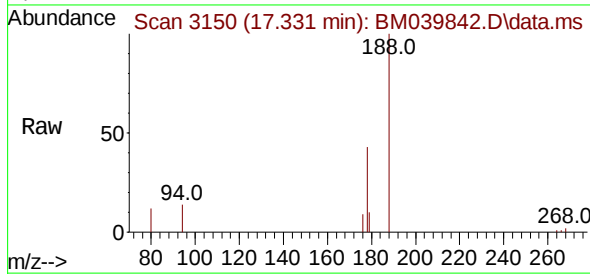




Anthracene
Concen: 0.148 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.025 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

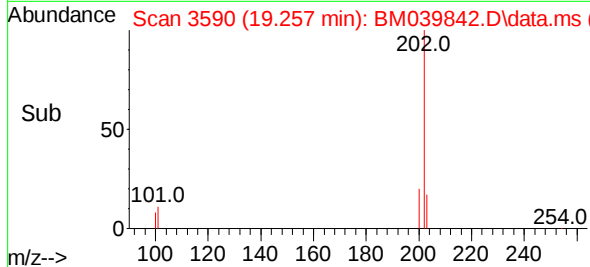
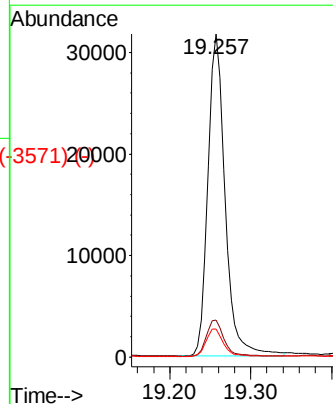
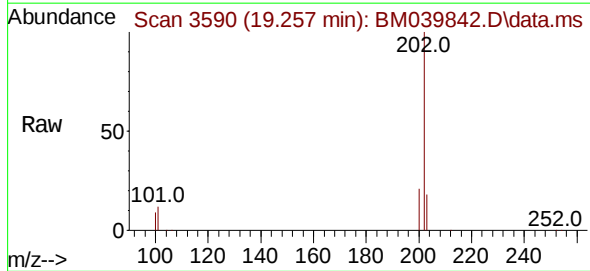
Instrument :
BNA_M
ClientSampleId :
EW911DL

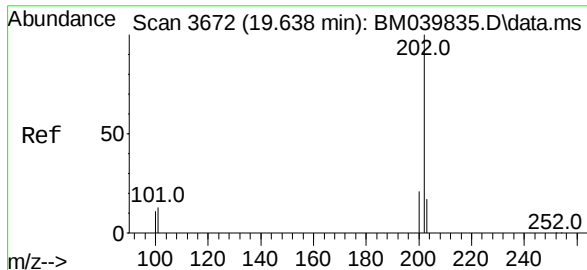
Tgt Ion:178 Resp: 3597
Ion Ratio Lower Upper
178 100
179 22.5 13.8 20.6#
176 21.9 15.8 23.8



Fluoranthene
Concen: 1.220 ng/ul
RT: 19.257 min Scan# 3590
Delta R.T. -0.014 min
Lab File: BM039842.D
Acq: 05 May 2023 12:43

Tgt Ion:202 Resp: 46669
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.6 7.3 10.9

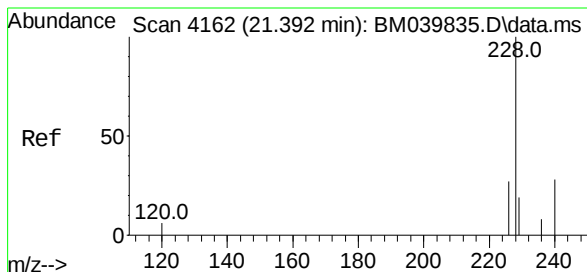
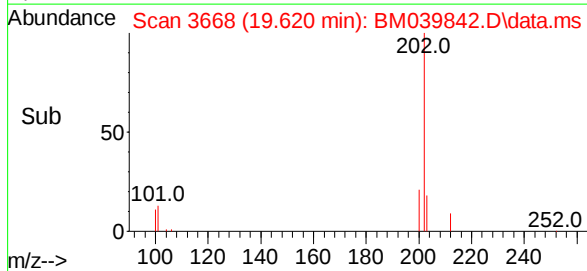
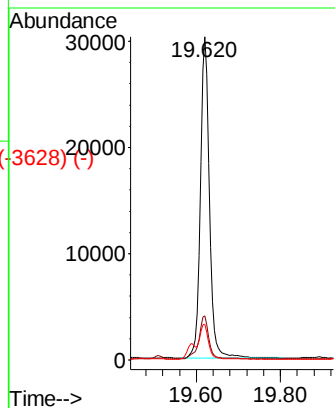
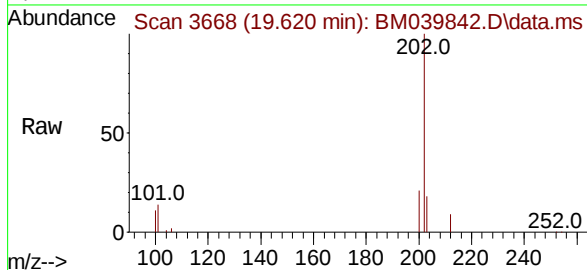




Scan 3672 (19.638 min): BM039835.D\data.ms (-3629) (-)
 Pyrene
 Concen: 1.113 ng/u1
 RT: 19.620 min Scan# 4129
 Delta R.T. -0.014 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

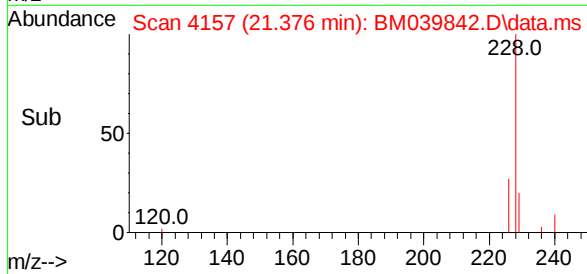
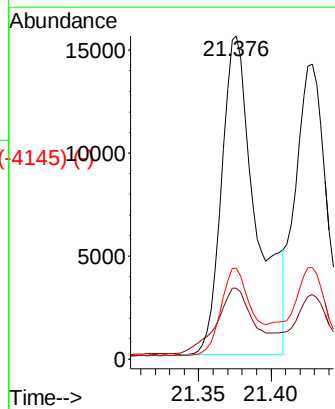
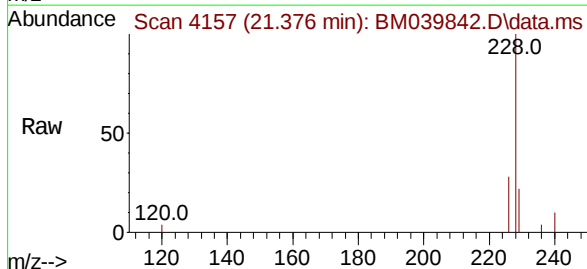
Instrument :
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 EW911DL

Tgt Ion:	202	Resp:	45958
Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.0	8.9	13.3



Scan 4162 (21.392 min): BM039835.D\data.ms (-4141) (-)
 Benzo(a)anthracene
 Concen: 0.832 ng/u1
 RT: 21.376 min Scan# 4157
 Delta R.T. -0.015 min
 Lab File: BM039842.D
 Acq: 05 May 2023 12:43

Tgt Ion:	228	Resp:	25640
Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.2
226	28.0	21.6	32.4



Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4722) (-)

Chrysene

Concen: 0.627 ng/u1

RT: 21.429 min Scan# 4175

Delta R.T. -0.012 min

Lab File: BM039842.D

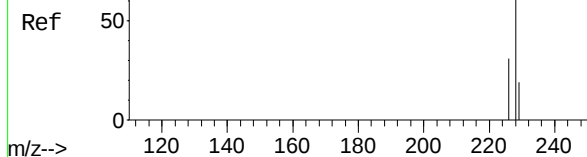
Acq: 05 May 2023 12:43

Instrument :

BNA_M

ClientSampleId :

EW911DL



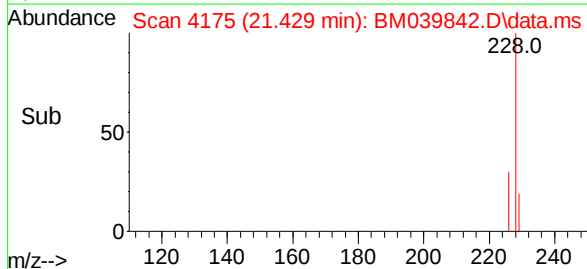
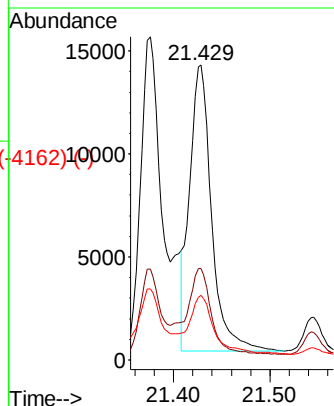
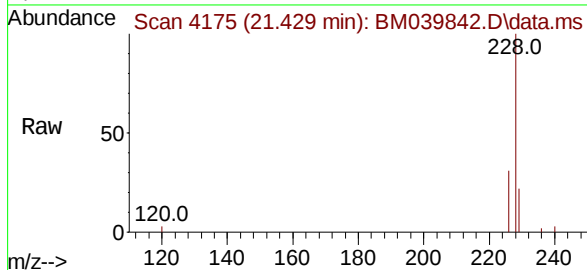
Tgt Ion:228 Resp: 21858

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 22.0 15.9 23.9



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

Benzo(b)fluoranthene

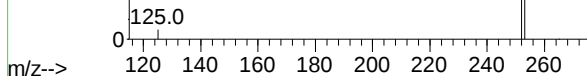
Concen: 0.877 ng/u1

RT: 23.024 min Scan# 4721

Delta R.T. -0.012 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43



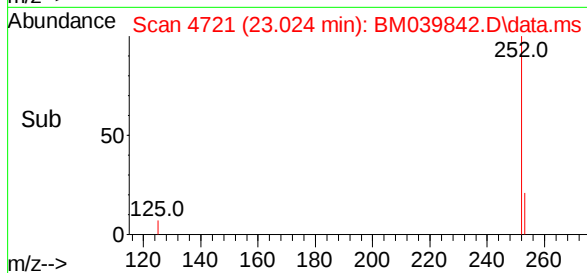
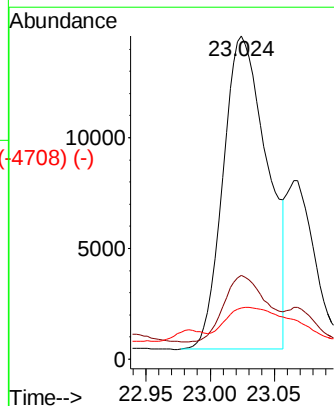
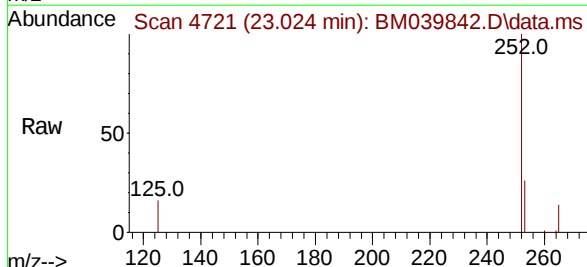
Tgt Ion:252 Resp: 33751

Ion Ratio Lower Upper

252 100

253 25.9 0.0 52.8

125 15.8 0.0 31.6



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

Benzo(a)pyrene

Concen: 0.631 ng/u1

RT: 23.629 min Scan# 4926

Delta R.T. -0.020 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

Instrument :

BNM

ClientSampleId :

EW911DL

Tgt Ion:252 Resp: 21822

Ion Ratio Lower Upper

252 100

253 27.0 24.7 37.1

125 17.2 16.5 24.7

Abundance Scan 4928 (23.629 min): BM039842.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4928 (23.629 min): BM039842.D\data.ms (-4901) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

10000

8000

6000

4000

2000

0

23.629

Time-->

23.60 23.70

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

Indeno(1,2,3-cd)pyrene

Concen: 0.364 ng/u1

RT: 26.164 min Scan# 5744

Delta R.T. -0.023 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

Tgt Ion:276 Resp: 15930

Ion Ratio Lower Upper

276 100

138 21.5 21.1 31.7

227 0.0 0.1 0.1#

Abundance Scan 5744 (26.164 min): BM039842.D\data.ms

Ref 50

138.0

227.0

276.0

Raw 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5744 (26.164 min): BM039842.D\data.ms (-5691) (-)

Ref 50

138.0

227.0

276.0

Sub 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

4000

3000

2000

1000

0

26.164

Time-->

26.00 26.20 26.40

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

Dibenzo(a,h)anthracene

Concen: 0.107 ng/ul

RT: 26.164 min Scan#

Delta R.T. -0.033 min

Lab File: BM039842.D

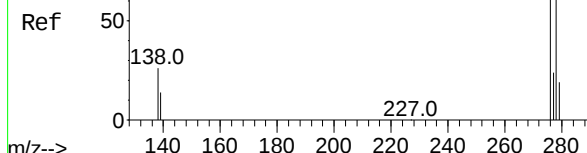
Acq: 05 May 2023 12:43

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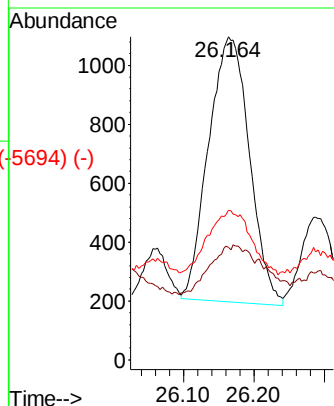
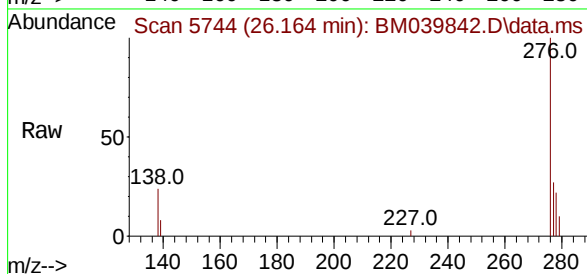
Tgt Ion:278 Resp: 3638

Ion Ratio Lower Upper

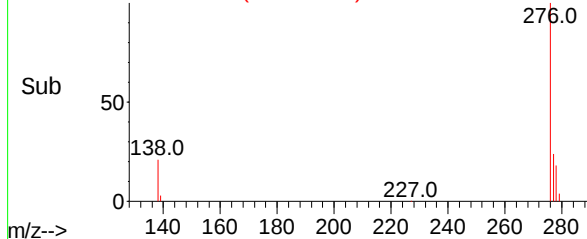
278 100

139 34.9 17.0 25.6#

279 46.3 23.4 35.2#



Abundance Scan 5744 (26.164 min): BM039842.D\data.ms (-5694) (-)



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

Benzo(g,h,i)perylene

Concen: 0.385 ng/ul

RT: 26.915 min Scan# 5968

Delta R.T. -0.017 min

Lab File: BM039842.D

Acq: 05 May 2023 12:43

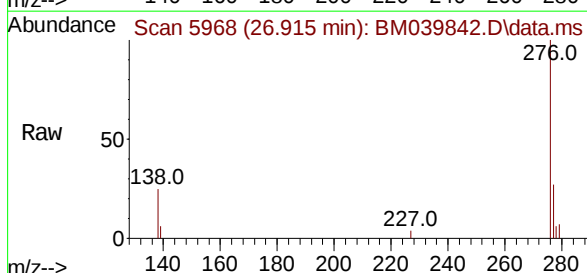
Tgt Ion:276 Resp: 14677

Ion Ratio Lower Upper

276 100

138 25.3 20.1 30.1

277 26.6 20.1 30.1



Abundance Scan 5968 (26.915 min): BM039842.D\data.ms (-5913) (-)

