

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039838.D
 Acq On : 05 May 2023 10:19
 Operator : CG/JU
 Sample : 02447-09DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW915DL

Quant Time: May 06 02:20:21 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)

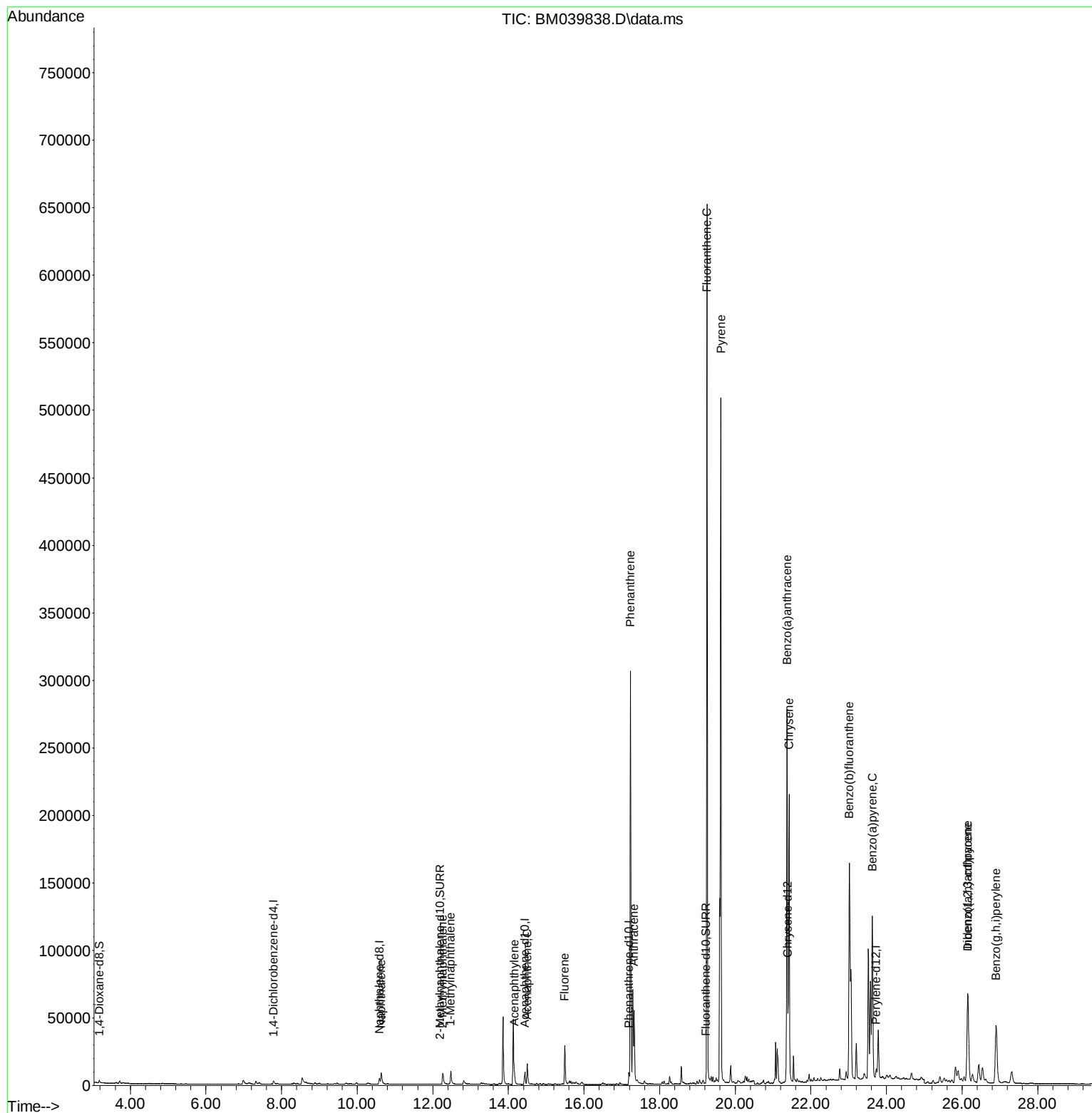
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	1910	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.588	136	7737	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4958	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.190	188	11154	0.400	ng/ul	-0.02
17) Chrysene-d12	21.388	240	9320	0.400	ng/ul	-0.02
23) Perylene-d12	23.732	264	10181	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1365	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	491	0.049	ng/ul	-0.02
18) Fluoranthene-d10	19.223	212	1262	0.050	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.638	128	14551	0.749	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	9431	0.841	ng/ul	96
8) 1-Methylnaphthalene	12.475	142	8230	0.684	ng/ul	100
10) Acenaphthylene	14.158	152	10311	0.537	ng/ul	97
11) Acenaphthene	14.496	153	9423	0.625	ng/ul	98
12) Fluorene	15.490	166	21110	1.262	ng/ul	100
15) Phenanthrene	17.228	178	333352	11.344	ng/ul	98
16) Anthracene	17.325	178	64893	2.572	ng/ul	98
19) Fluoranthene	19.256	202	560505	16.857	ng/ul	96
20) Pyrene	19.618	202	426340	11.874	ng/ul	98
21) Benzo(a)anthracene	21.371	228	240028	8.957	ng/ul	100
22) Chrysene	21.423	228	209969	6.924	ng/ul	99
24) Benzo(b)fluoranthene	23.019	252	289283	8.091	ng/ul	91
26) Benzo(a)pyrene	23.627	252	177407	5.526	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.151	276	114947	2.832	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.158	278	31418	0.997	ng/ul	98
29) Benzo(g,h,i)perylene	26.899	276	98712	2.791	ng/ul	97

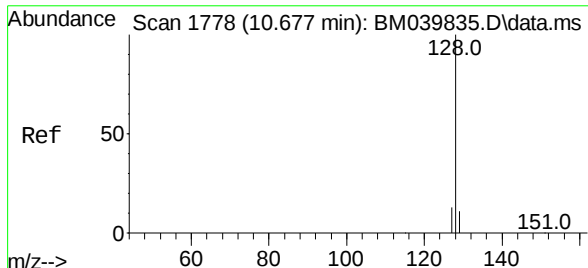
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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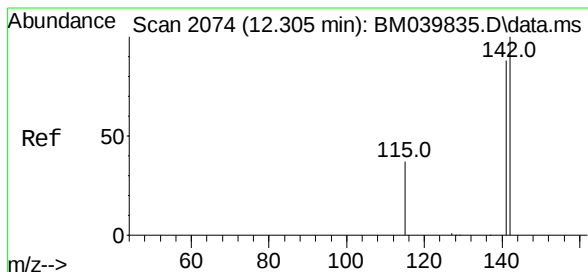
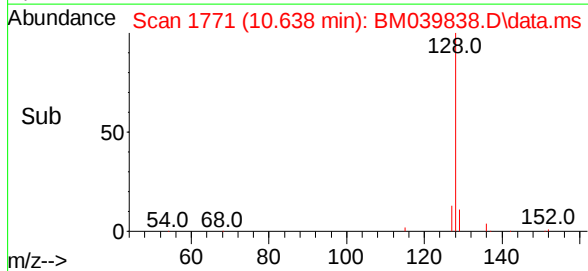
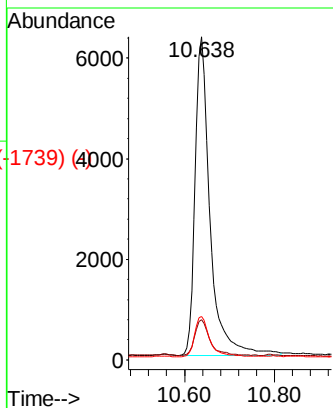
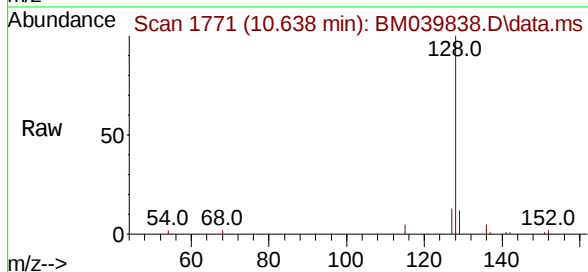




Naphthalene
 Concen: 0.749 ng/ul
 RT: 10.638 min Scan# 1771
 Delta R.T. -0.023 min
 Lab File: BM039838.D
 Acq: 05 May 2023 10:19

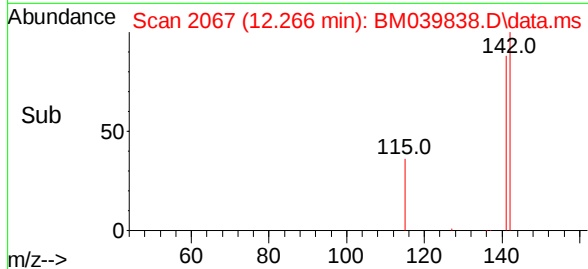
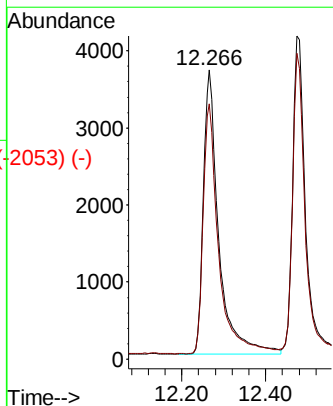
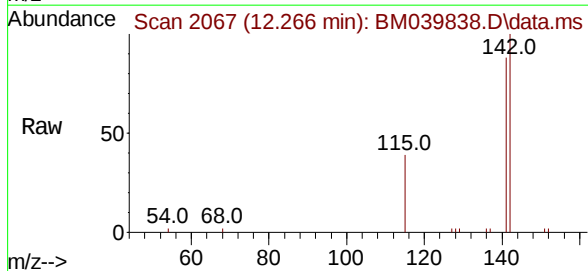
Instrument :
 BNA_M
 ClientSampleId :
 EW915DL

Tgt Ion:	128	Resp:	14551
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	13.5	11.1	16.7

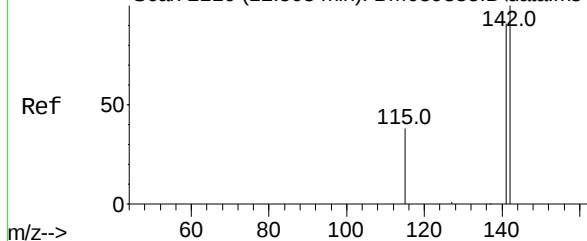


2-Methylnaphthalene
 Concen: 0.841 ng/ul
 RT: 12.266 min Scan# 2067
 Delta R.T. -0.023 min
 Lab File: BM039838.D
 Acq: 05 May 2023 10:19

Tgt Ion:	142	Resp:	9431
Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.2	109.8



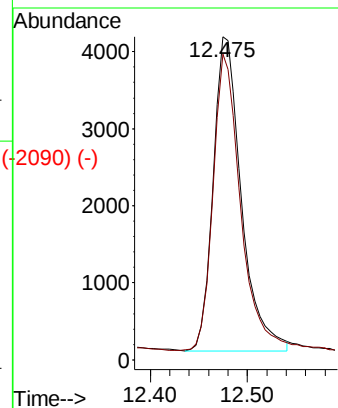
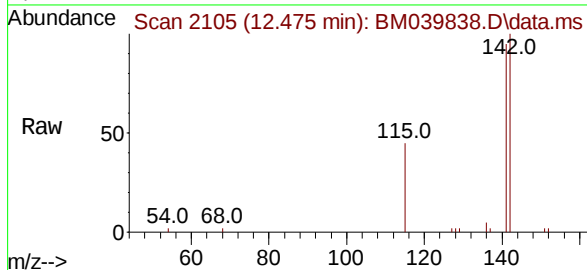
Abundance Scan 2110 (12.503 min): BM039835.D\data.ms (-2102) (-)



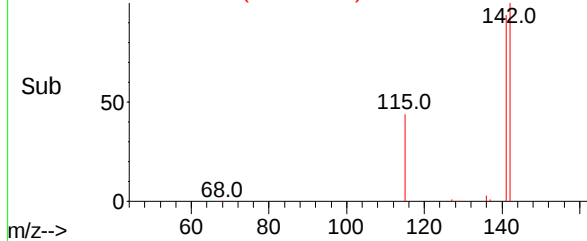
1-Methylnaphthalene
Concen: 0.684 ng/ul
RT: 12.475 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Instrument :
BNA_M
ClientSampleId :
EW915DL

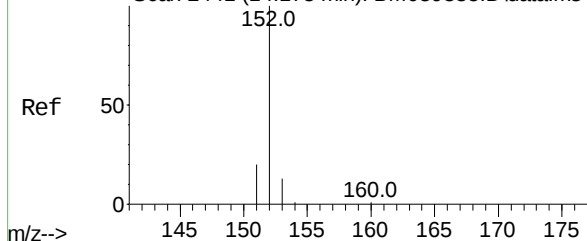
Tgt Ion:142 Resp: 8230
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2



Abundance Scan 2105 (12.475 min): BM039838.D\data.ms (-2090) (-)

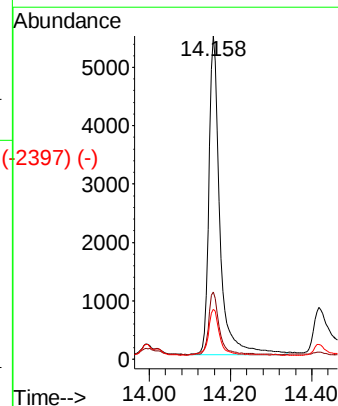
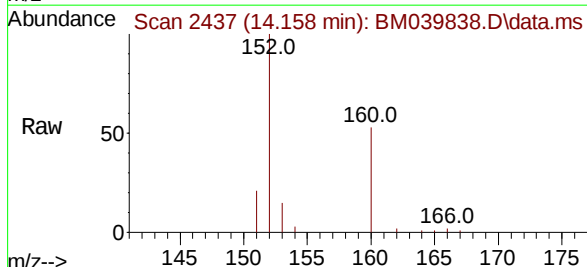


Abundance Scan 2441 (14.178 min): BM039835.D\data.ms (-2430) (-)

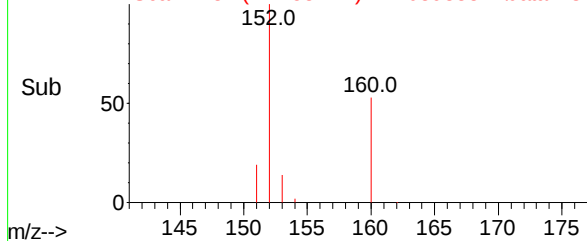


Acenaphthylene
Concen: 0.537 ng/ul
RT: 14.158 min Scan# 2437
Delta R.T. -0.015 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Tgt Ion:152 Resp: 10311
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 15.5 11.2 16.8



Abundance Scan 2437 (14.158 min): BM039838.D\data.ms (-2397) (-)



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

Acenaphthene

Concen: 0.625 ng/ul

RT: 14.496 min Scan# 2510

Delta R.T. -0.015 min

Lab File: BM039838.D

Acq: 05 May 2023 10:19

Instrument :

BNA_M

ClientSampleId :

EW915DL

Tgt Ion:153 Resp: 9423

Ion Ratio Lower Upper

153 100

152 52.3 40.6 61.0

154 88.3 71.9 107.9

Abundance Scan 2510 (14.496 min): BM039838.D\data.ms

Ref 50

153.0

160.0 165.0

m/z-->

Raw 50

153.0

160.0 165.0

m/z-->

Abundance Scan 2510 (14.496 min): BM039838.D\data.ms (-2492) (-)

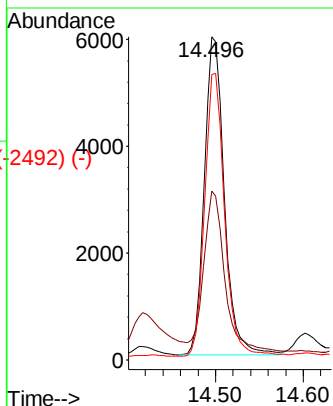
Sub 50

153.0

160.0 165.0

m/z-->

Time-->



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

Fluorene

Concen: 1.262 ng/ul

RT: 15.490 min Scan# 2725

Delta R.T. -0.024 min

Lab File: BM039838.D

Acq: 05 May 2023 10:19

Tgt Ion:166 Resp: 21110

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.6

167 14.2 11.8 17.6

Abundance Scan 2725 (15.490 min): BM039838.D\data.ms

Ref 50

166.0

154.0 160.0

m/z-->

Raw 50

166.0

154.0 160.0

m/z-->

Abundance Scan 2725 (15.490 min): BM039838.D\data.ms (-2709) (-)

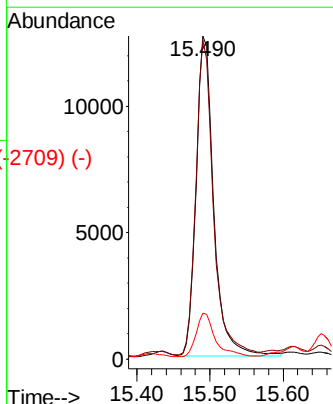
Sub 50

166.0

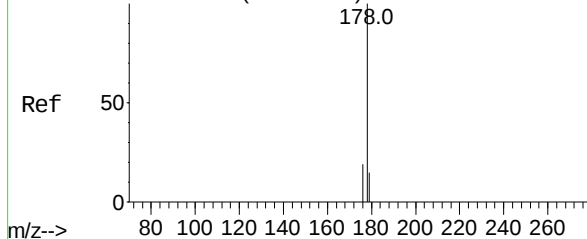
153.0 160.0

m/z-->

Time-->



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



Phenanthrene

Concen: 11.344 ng/ul

RT: 17.228 min Scan#

Delta R.T. -0.027 min

Lab File: BM039838.D

Acq: 05 May 2023 10:19

Instrument :

BNA_M

ClientSampleId :

EW915DL

Tgt Ion:178 Resp: 333352

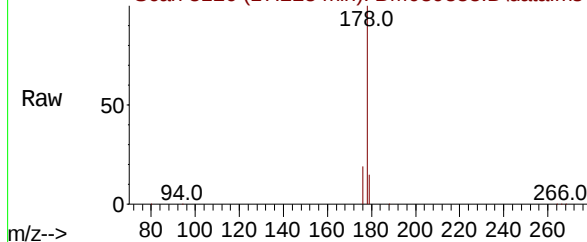
Ion Ratio Lower Upper

178 100

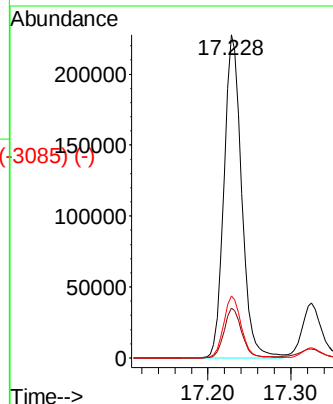
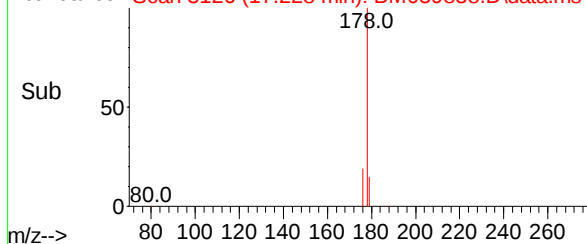
179 15.3 13.0 19.6

176 19.1 15.8 23.8

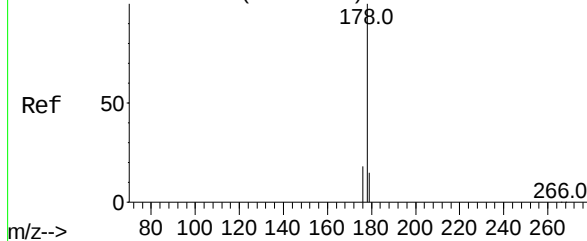
Abundance Scan 3126 (17.228 min): BM039838.D\data.ms



Abundance Scan 3126 (17.228 min): BM039838.D\data.ms (-3085) (-)



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



Anthracene

Concen: 2.572 ng/ul

RT: 17.325 min Scan# 3149

Delta R.T. -0.031 min

Lab File: BM039838.D

Acq: 05 May 2023 10:19

Tgt Ion:178 Resp: 64893

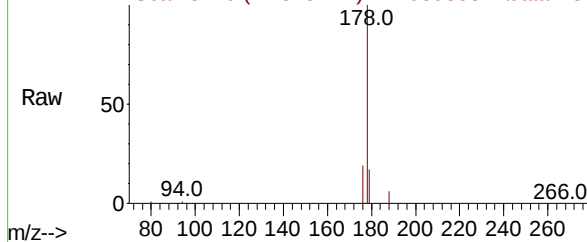
Ion Ratio Lower Upper

178 100

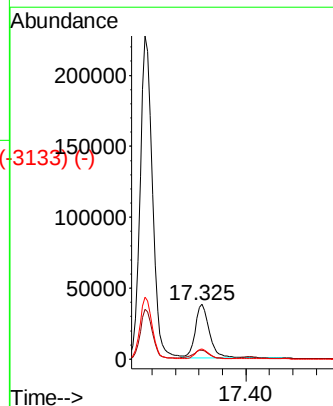
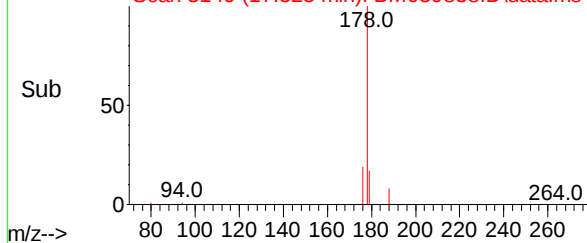
179 16.6 13.8 20.6

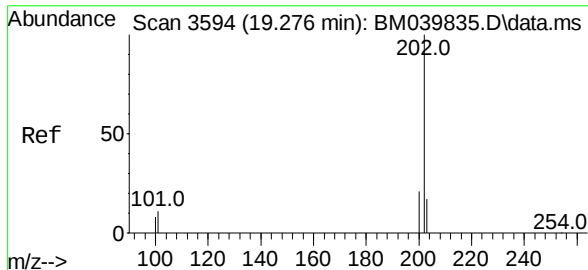
176 18.7 15.8 23.8

Abundance Scan 3149 (17.325 min): BM039838.D\data.ms



Abundance Scan 3149 (17.325 min): BM039838.D\data.ms (-3133) (-)

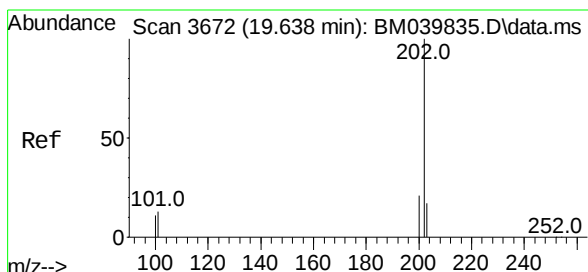
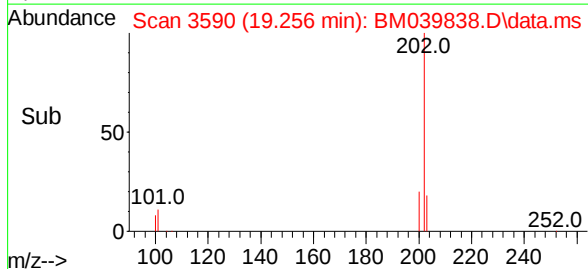
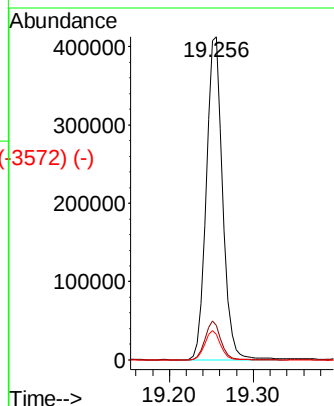
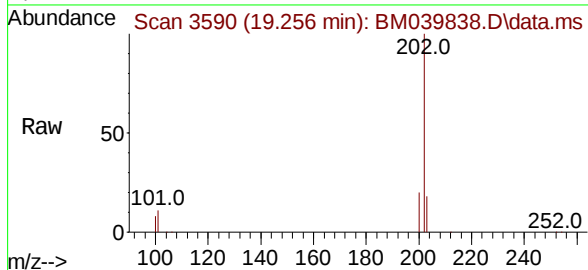




Fluoranthene
Concen: 16.857 ng/u1
RT: 19.256 min Scan# 3594
Delta R.T. -0.015 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

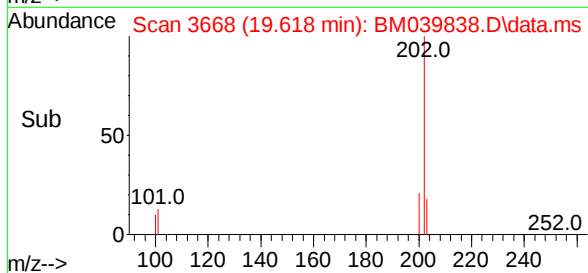
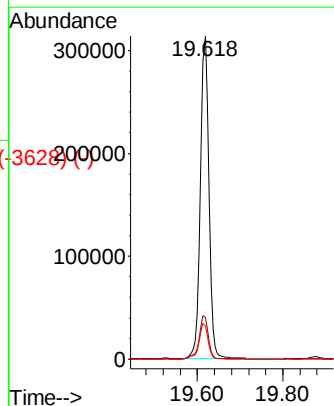
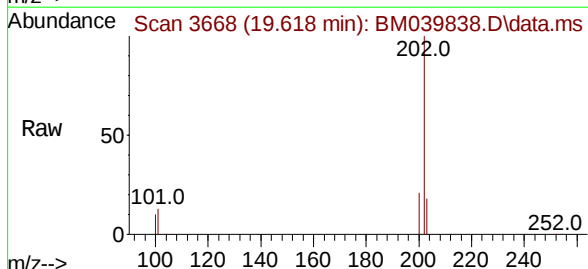
Instrument :
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ClientSampleId :
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Tgt Ion:	202	Resp:	560505
Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
100	7.8	7.3	10.9

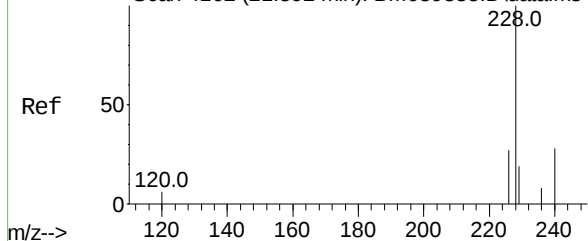


Pyrene
Concen: 11.874 ng/u1
RT: 19.618 min Scan# 3668
Delta R.T. -0.015 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Tgt Ion:	202	Resp:	426340
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.9	16.3
100	10.3	8.9	13.3



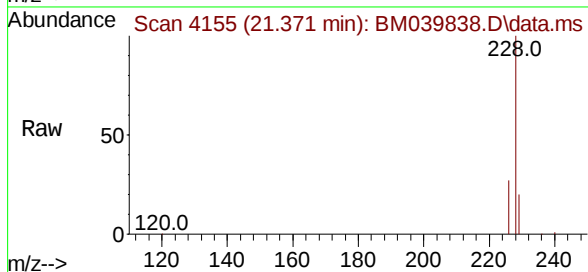
Abundance Scan 4162 (21.392 min): BM039835.D\data.ms (-4141) (-)



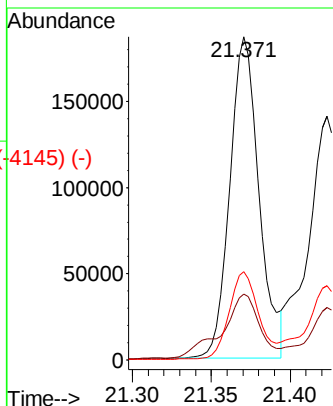
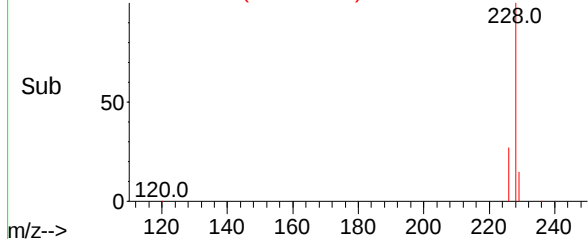
Benzo(a)anthracene
Concen: 8.957 ng/u1
RT: 21.371 min Scan# 4141
Delta R.T. -0.020 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Instrument :
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ClientSampleId :
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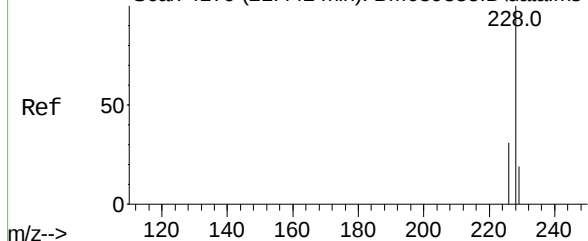
Tgt Ion:	228	Resp:	240028
Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.2	21.6	32.4



Abundance Scan 4155 (21.371 min): BM039838.D\data.ms (-4145) (-)

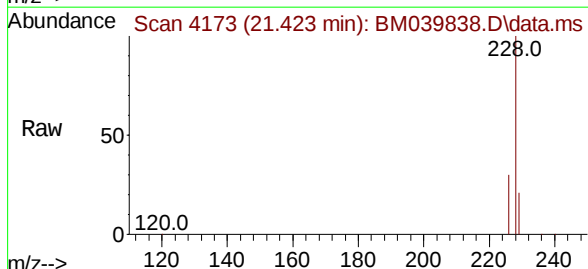


Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4122) (-)

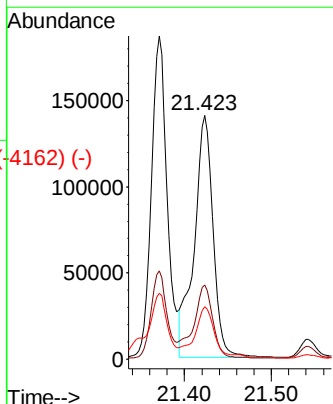
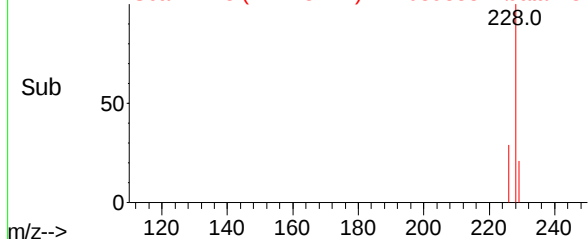


Chrysene
Concen: 6.924 ng/u1
RT: 21.423 min Scan# 4173
Delta R.T. -0.017 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

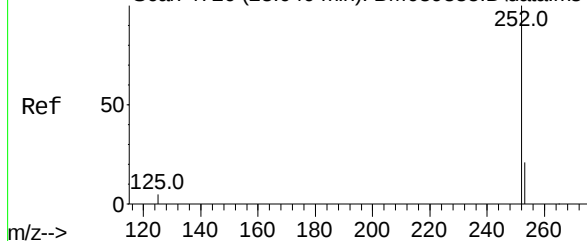
Tgt Ion:	228	Resp:	209969
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	21.4	15.9	23.9



Abundance Scan 4173 (21.423 min): BM039838.D\data.ms (-4162) (-)



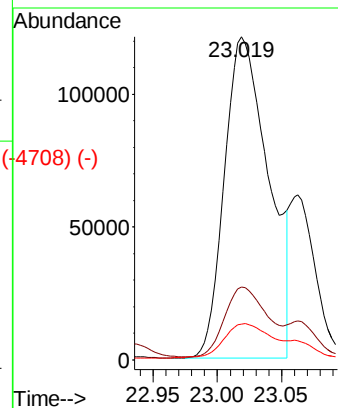
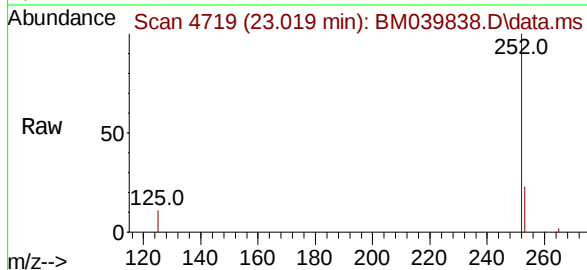
Abundance Scan 4726 (23.040 min): BM039835.D\data.ms (-4726) (-)



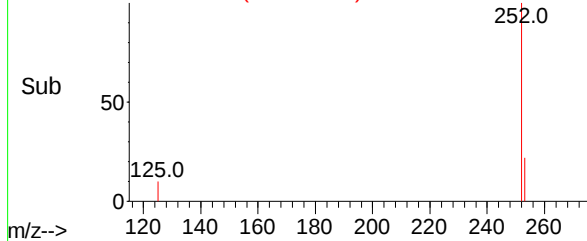
Benzo(b)fluoranthene
Concen: 8.091 ng/u1
RT: 23.019 min Scan# 4719
Delta R.T. -0.017 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Instrument :
BNA_M
ClientSampleId :
EW915DL

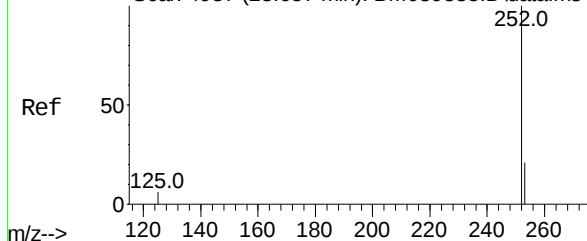
Tgt Ion:	252	Resp:	289283
Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	52.8
125	11.1	0.0	31.6



Abundance Scan 4719 (23.019 min): BM039838.D\data.ms (-4708) (-)

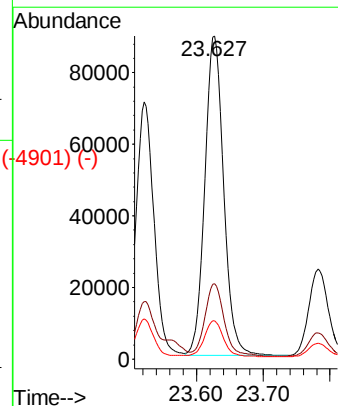
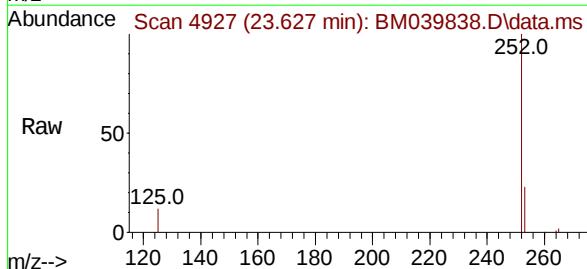


Abundance Scan 4937 (23.657 min): BM039835.D\data.ms (-4926) (-)

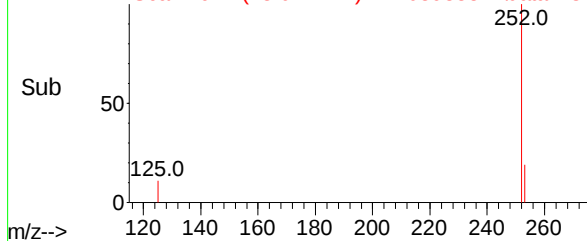


Benzo(a)pyrene
Concen: 5.526 ng/u1
RT: 23.627 min Scan# 4927
Delta R.T. -0.023 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Tgt Ion:	252	Resp:	177407
Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.7	37.1#
125	11.8	16.5	24.7#



Abundance Scan 4927 (23.627 min): BM039838.D\data.ms (-4901) (-)



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

Indeno(1,2,3-cd)pyrene

Concen: 2.832 ng/u1

RT: 26.151 min Scan# 5740

Delta R.T. -0.036 min

Lab File: BM039838.D

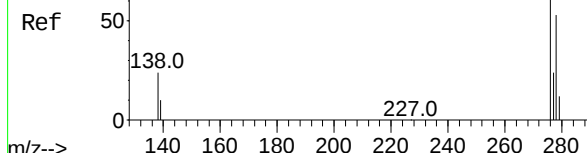
Acq: 05 May 2023 10:19

Instrument :

BNA_M

ClientSampleId :

EW915DL



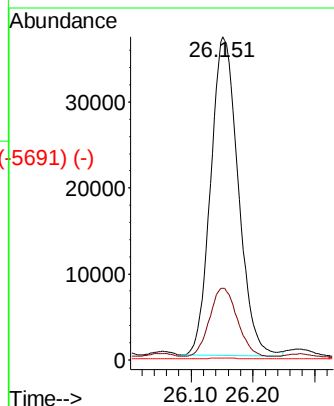
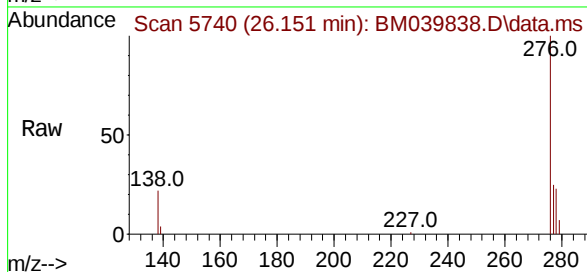
Tgt Ion:276 Resp: 114947

Ion Ratio Lower Upper

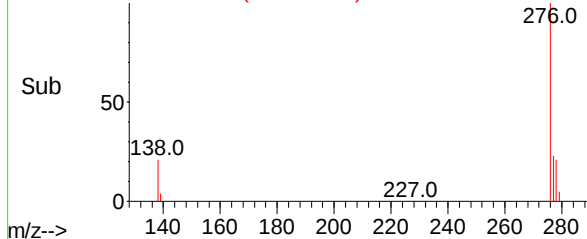
276 100

138 22.0 21.1 31.7

227 0.2 0.1 0.1#



Abundance Scan 5740 (26.151 min): BM039838.D\data.ms (-5691) (-)



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

Dibenzo(a,h)anthracene

Concen: 0.997 ng/u1

RT: 26.158 min Scan# 5742

Delta R.T. -0.040 min

Lab File: BM039838.D

Acq: 05 May 2023 10:19

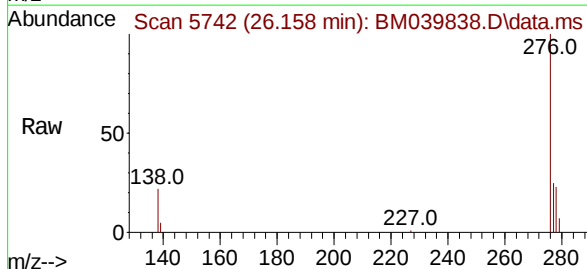
Tgt Ion:278 Resp: 31418

Ion Ratio Lower Upper

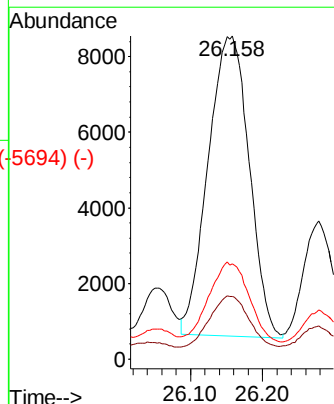
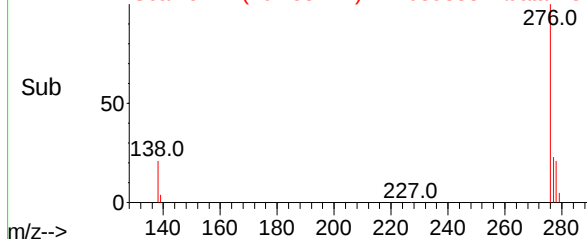
278 100

139 19.5 17.0 25.6

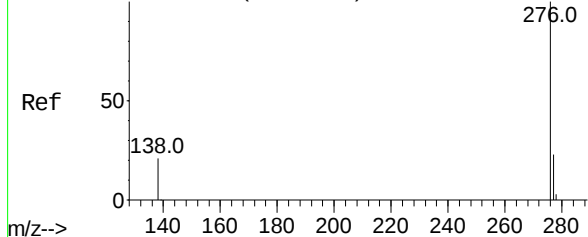
279 29.4 23.4 35.2



Abundance Scan 5742 (26.158 min): BM039838.D\data.ms (-5694) (-)

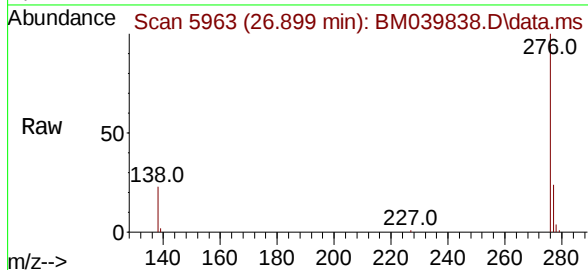


Abundance Scan 5977 (26.947 min): BM039835.D\data.ms (-5977) (-)



Benzo(g,h,i)perylene
Concen: 2.791 ng/ul
RT: 26.899 min Scan# 5963
Delta R.T. -0.033 min
Lab File: BM039838.D
Acq: 05 May 2023 10:19

Instrument :
BNA_M
ClientSampleId :
EW915DL



Tgt Ion:	276	Resp:	98712
Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.1	30.1
277	24.1	20.1	30.1

