

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039841.D
 Acq On : 05 May 2023 12:07
 Operator : CG/JU
 Sample : 02447-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW907DL

Quant Time: May 06 02:20:39 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)

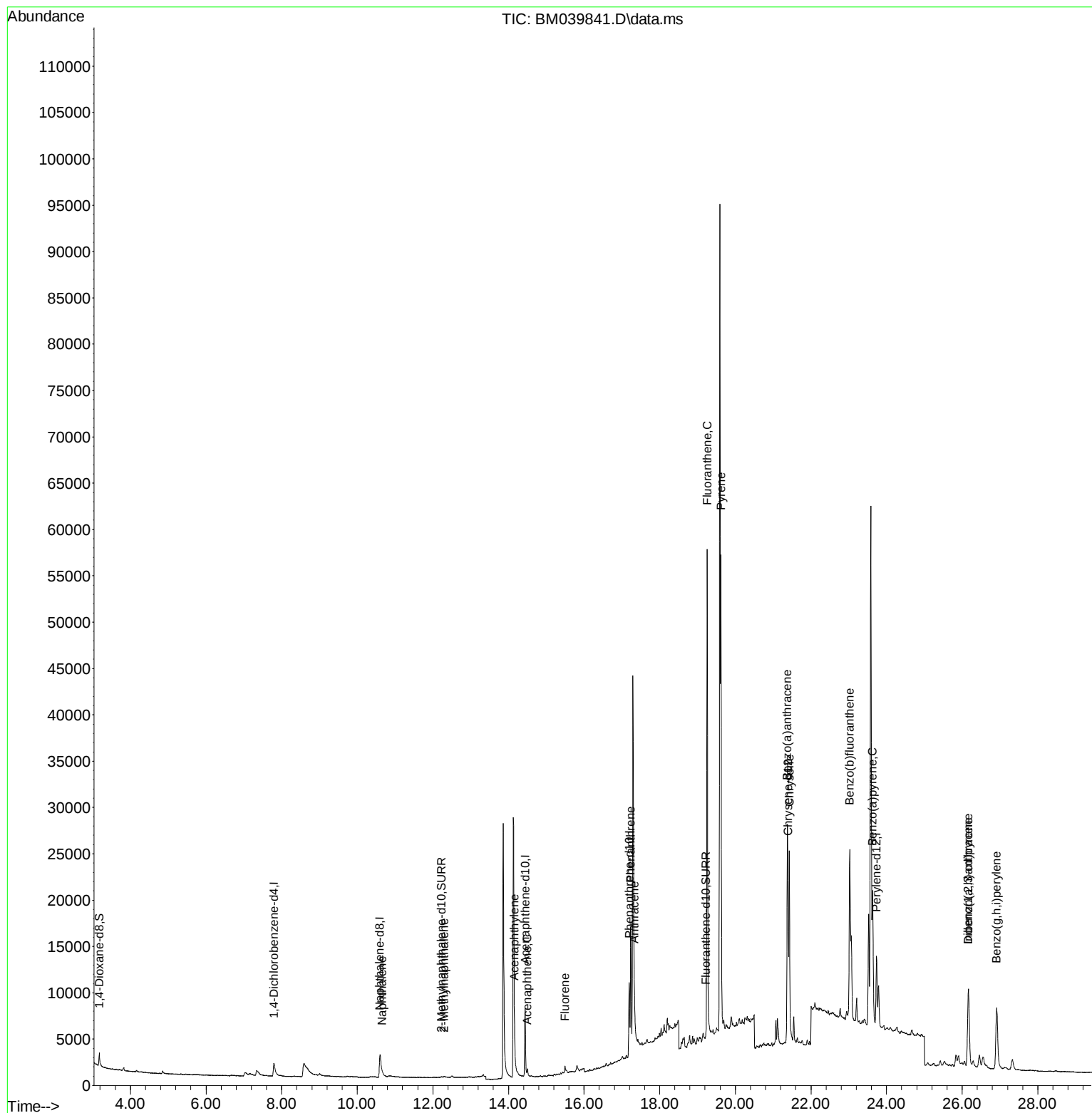
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1786	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.599	136	7073	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.440	164	4733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.194	188	10783	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.390	240	10152	0.400	ng/ul	#-0.01
23) Perylene-d12	23.735	264	10432	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1015	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	303	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.227	212	946	0.035	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.654	128	557	0.031	ng/ul#	40
7) 2-Methylnaphthalene	12.304	142	216	0.021	ng/ul	93
10) Acenaphthylene	14.158	152	1274	0.070	ng/ul#	69
11) Acenaphthene	14.500	153	494	0.034	ng/ul#	91
12) Fluorene	15.495	166	714	0.045	ng/ul#	80
15) Phenanthrene	17.236	178	17145	0.604	ng/ul#	94
16) Anthracene	17.329	178	3305	0.135	ng/ul#	66
19) Fluoranthene	19.255	202	49399	1.364	ng/ul	99
20) Pyrene	19.618	202	43988	1.125	ng/ul	99
21) Benzo(a)anthracene	21.376	228	23917	0.819	ng/ul#	92
22) Chrysene	21.428	228	20286	0.614	ng/ul#	92
24) Benzo(b)fluoranthene	23.024	252	32360	0.883	ng/ul	86
26) Benzo(a)pyrene	23.629	252	20219	0.615	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.164	276	16272	0.391	ng/ul	90
28) Dibenzo(a,h)anthracene	26.164	278	3657	0.113	ng/ul#	49
29) Benzo(g,h,i)perylene	26.915	276	15526	0.428	ng/ul	95

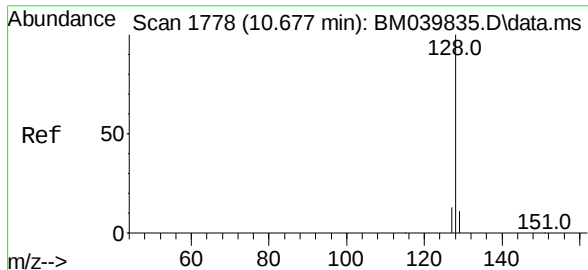
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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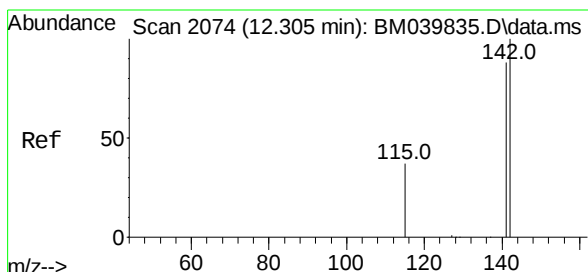
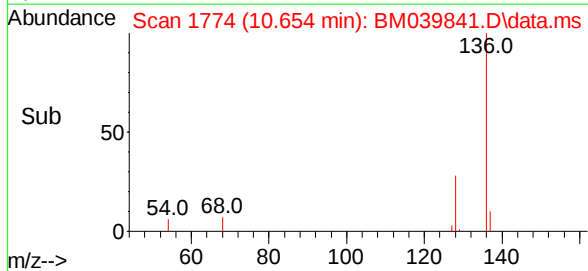
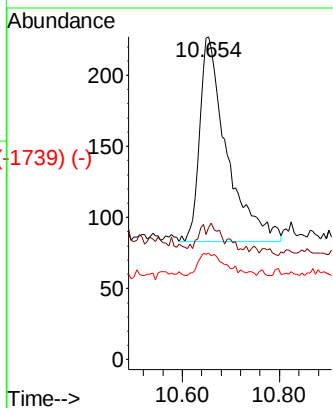
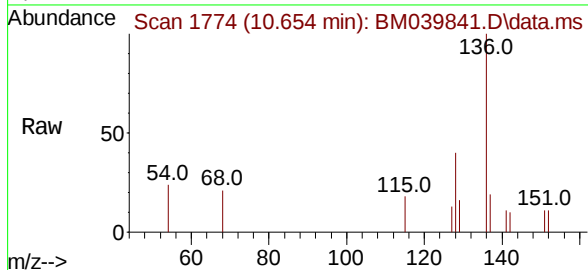




Naphthalene
 Concen: 0.031 ng/ul
 RT: 10.654 min Scan# 1774
 Delta R.T. -0.007 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

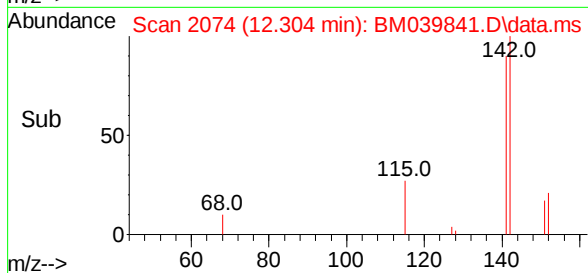
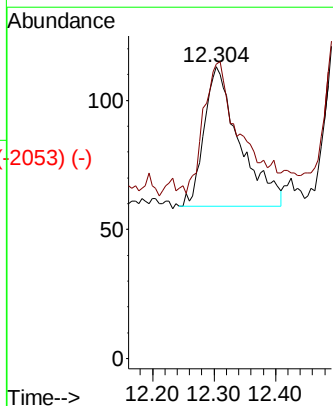
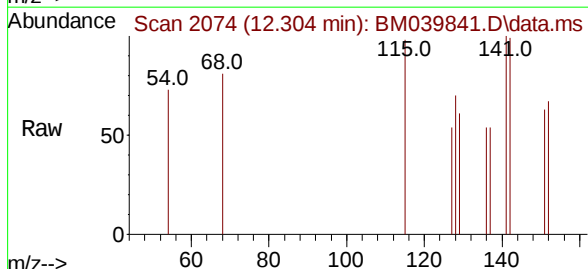
Instrument :
 BNA_M
 ClientSampleId :
 EW907DL

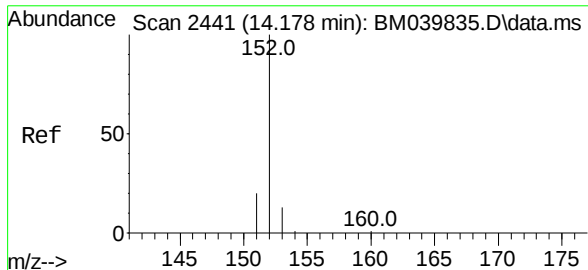
Tgt Ion:128 Resp: 557
 Ion Ratio Lower Upper
 128 100
 129 41.0 9.8 14.6#
 127 33.0 11.1 16.7#



2-Methylnaphthalene
 Concen: 0.021 ng/ul
 RT: 12.304 min Scan# 2074
 Delta R.T. 0.015 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

Tgt Ion:142 Resp: 216
 Ion Ratio Lower Upper
 142 100
 141 98.1 73.2 109.8

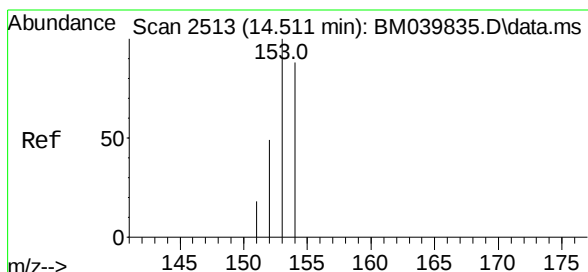
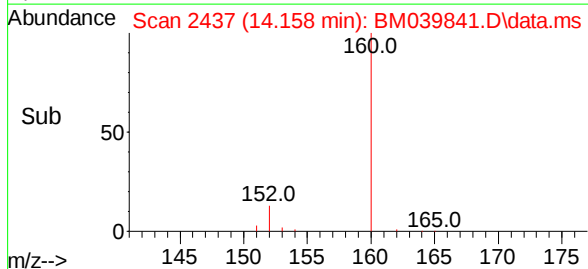
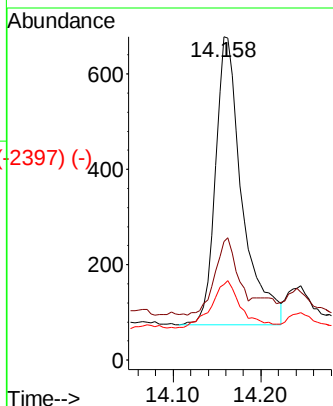
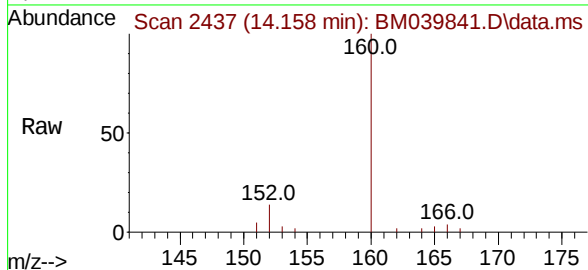




Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.158 min Scan# 2437
Delta R.T. -0.015 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

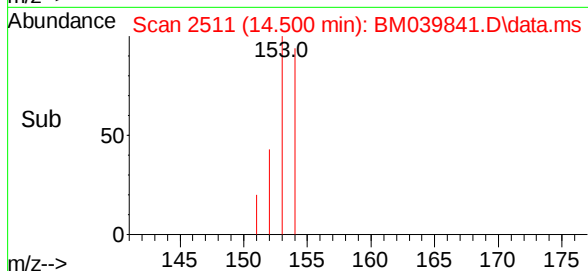
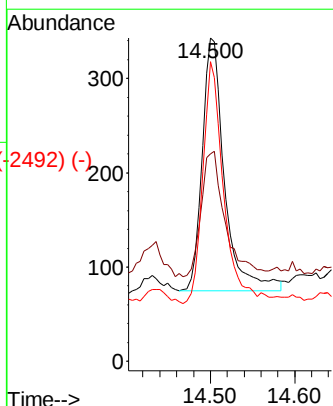
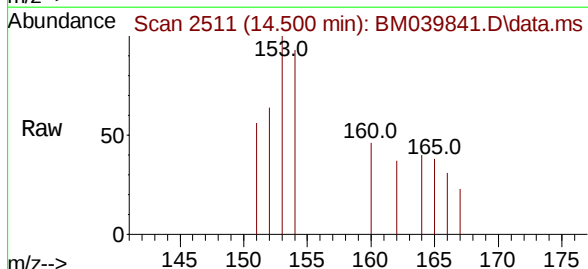
Instrument :
BNA_M
ClientSampleId :
EW907DL

Tgt Ion:	152	Resp:	1274
Ion	Ratio	Lower	Upper
152	100		
151	36.7	16.0	24.0#
153	23.3	11.2	16.8#

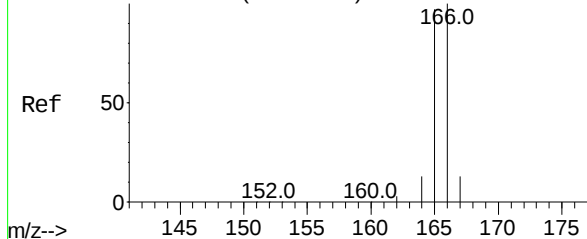


Acenaphthene
Concen: 0.034 ng/ul
RT: 14.500 min Scan# 2511
Delta R.T. -0.011 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

Tgt Ion:	153	Resp:	494
Ion	Ratio	Lower	Upper
153	100		
152	64.1	40.6	61.0#
154	92.7	71.9	107.9



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

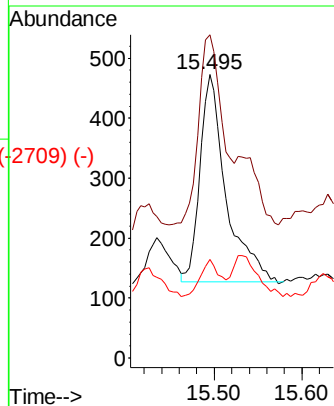
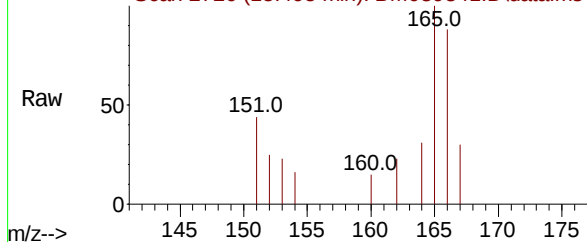


Fluorene
Concen: 0.045 ng/ul
RT: 15.495 min Scan# 2710
Delta R.T. -0.020 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

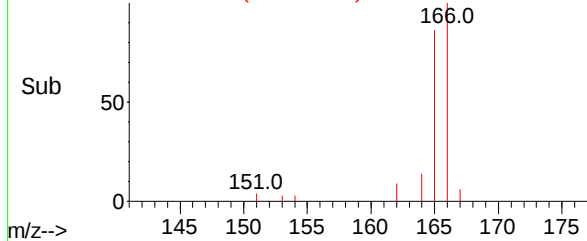
Instrument :
BNA_M
ClientSampleId :
EW907DL

Tgt Ion:	166	Resp:	714
Ion Ratio	Lower	Upper	
166	100		
165	114.0	79.0	118.6
167	34.7	11.8	17.6#

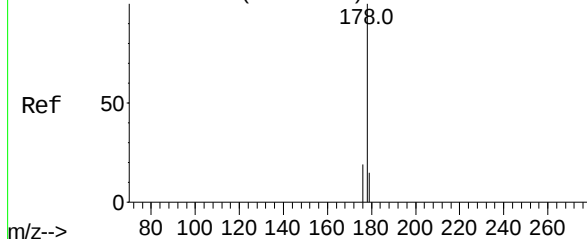
Abundance Scan 2726 (15.495 min): BM039841.D\data.ms



Abundance Scan 2726 (15.495 min): BM039841.D\data.ms (-2709) (-)



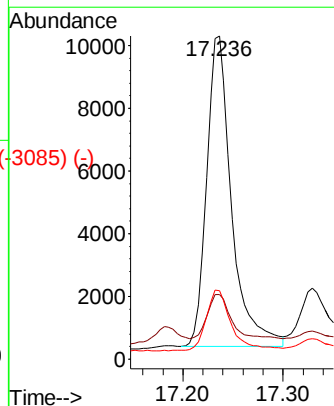
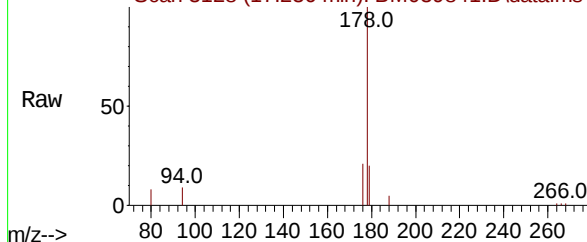
Abundance Scan 3133 (17.259 min): BM039835.D\data.ms (-3115) (-)



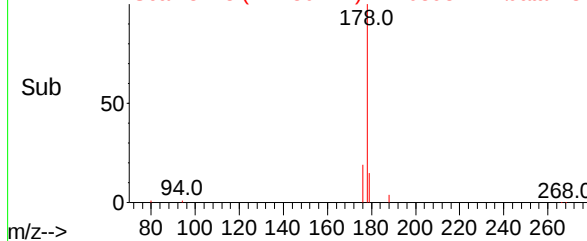
Phenanthrene
Concen: 0.604 ng/ul
RT: 17.236 min Scan# 3128
Delta R.T. -0.018 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

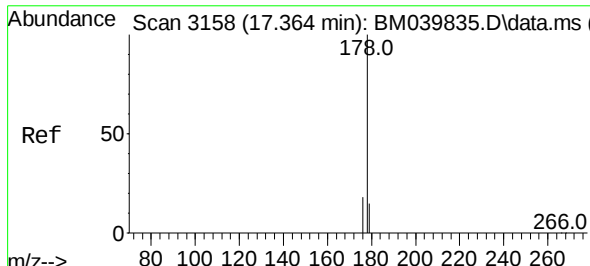
Tgt Ion:	178	Resp:	17145
Ion Ratio	Lower	Upper	
178	100		
179	20.1	13.0	19.6#
176	21.2	15.8	23.8

Abundance Scan 3128 (17.236 min): BM039841.D\data.ms



Abundance Scan 3128 (17.236 min): BM039841.D\data.ms (-3085) (-)

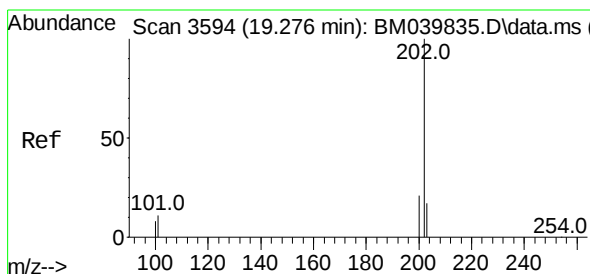
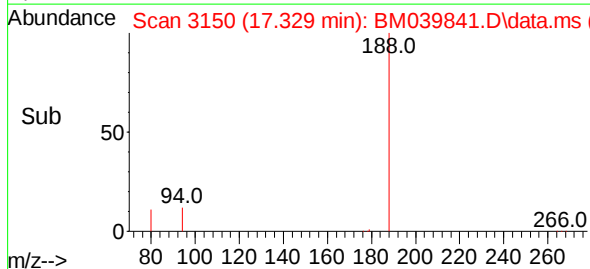
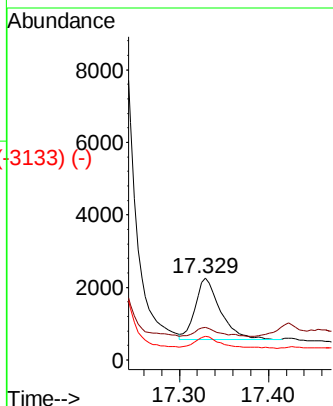
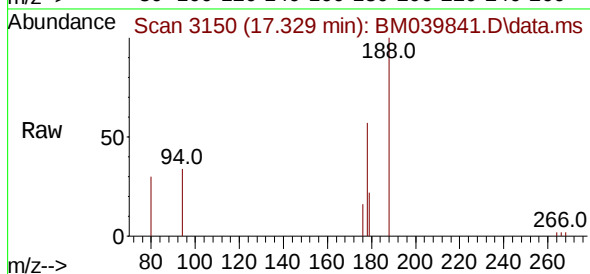




Scan 3158 (17.364 min): BM039835.D\data.ms (-3110) (-)
 Anthracene
 Concen: 0.135 ng/ul
 RT: 17.329 min Scan# 3150
 Delta R.T. -0.027 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

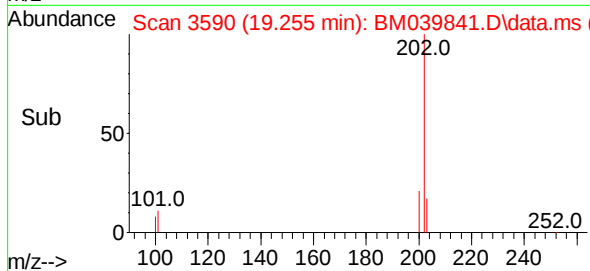
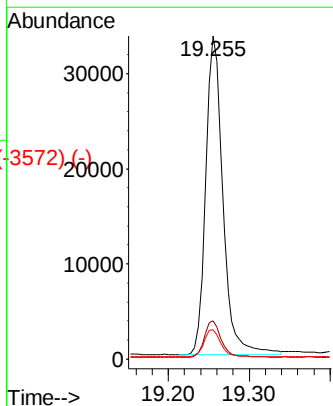
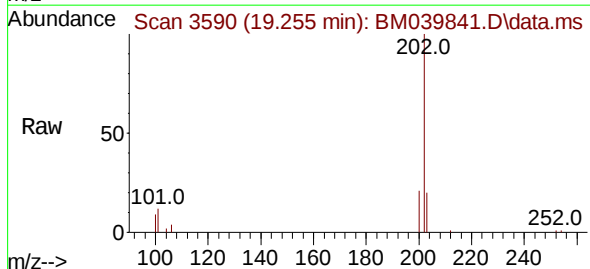
Instrument :
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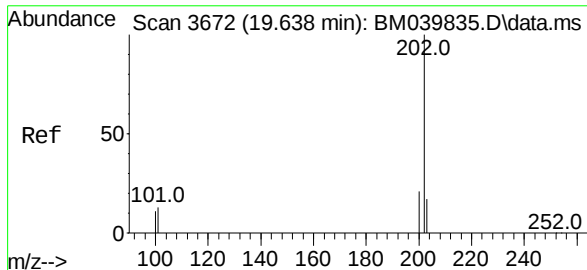
Tgt Ion:	178	Resp:	3305
Ion Ratio	Lower	Upper	
178	100		
179	39.3	13.8	20.6#
176	28.7	15.8	23.8#



Scan 3594 (19.276 min): BM039835.D\data.ms (-3519) (-)
 Fluoranthene
 Concen: 1.364 ng/ul
 RT: 19.255 min Scan# 3590
 Delta R.T. -0.016 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

Tgt Ion:	202	Resp:	49399
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.1	7.3	10.9





Pyrene

Concen: 1.125 ng/ul

RT: 19.618 min Scan#

Delta R.T. -0.016 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

Instrument :

BNA_M

ClientSampleId :

EW907DL

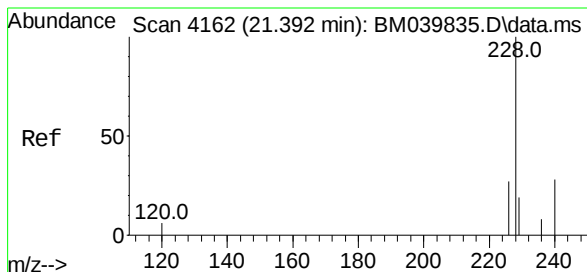
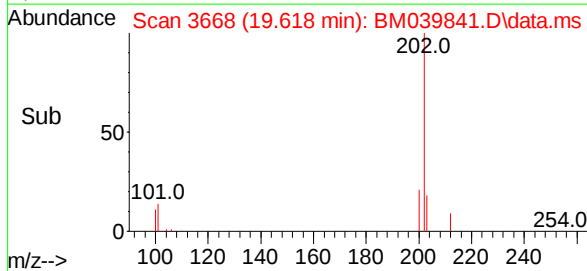
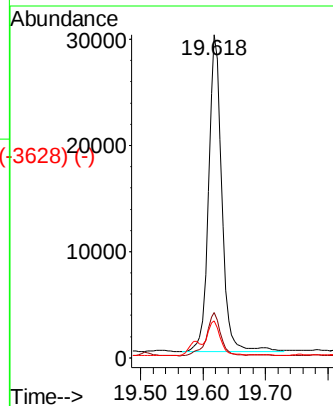
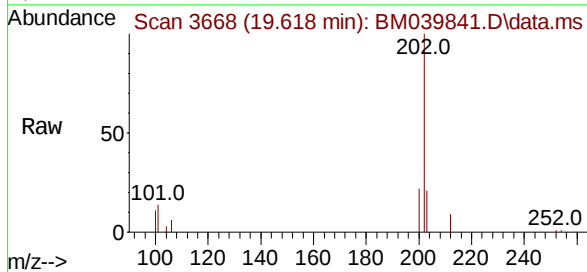
Tgt Ion:202 Resp: 43988

Ion Ratio Lower Upper

202 100

101 14.0 10.9 16.3

100 11.4 8.9 13.3



Benzo(a)anthracene

Concen: 0.819 ng/ul

RT: 21.376 min Scan# 4157

Delta R.T. -0.015 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

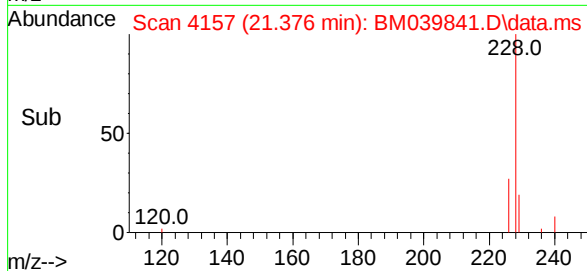
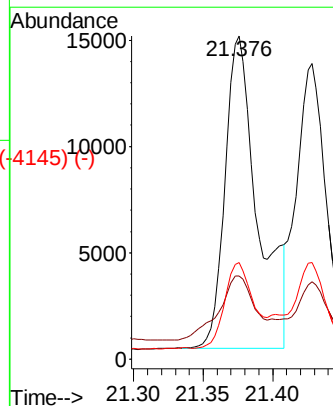
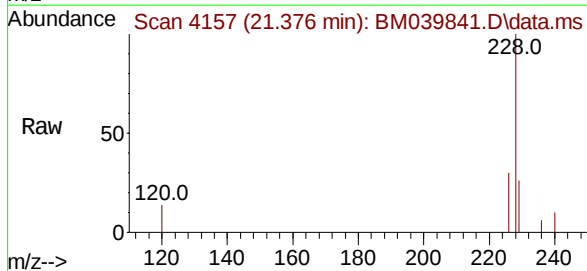
Tgt Ion:228 Resp: 23917

Ion Ratio Lower Upper

228 100

229 25.7 16.2 24.2#

226 29.9 21.6 32.4



Abundance Scan 4179 (21.442 min): BM039835.D\data.ms (-4#22) (-)

Chrysene

Concen: 0.614 ng/u1

RT: 21.428 min Scan# 4175

Delta R.T. -0.012 min

Lab File: BM039841.D

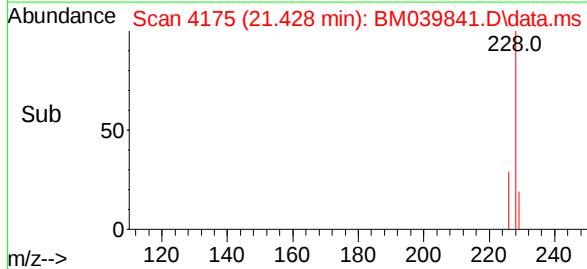
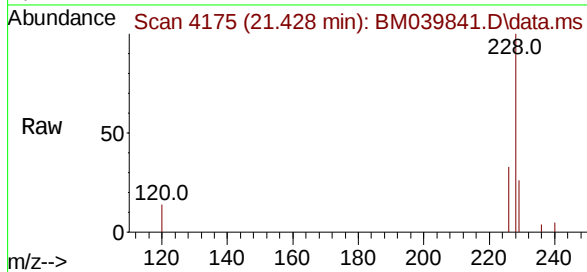
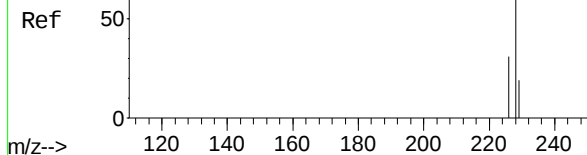
Acq: 05 May 2023 12:07

Instrument :

BNA_M

ClientSampleId :

EW907DL



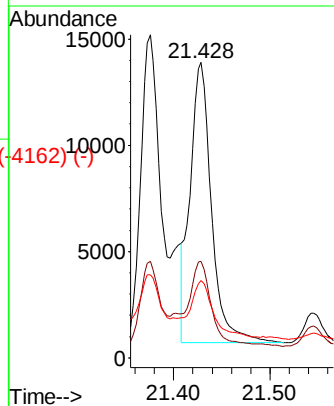
Tgt Ion:228 Resp: 20286

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

229 26.3 15.9 23.9#



Abundance Scan 4726 (23.040 min): BM039835.D\data.ms (-4#24) (-)

Benzo(b)fluoranthene

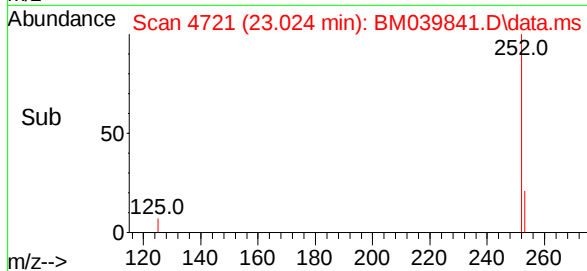
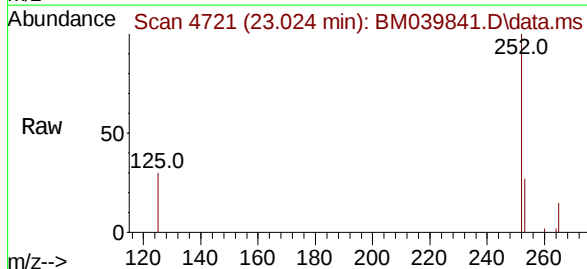
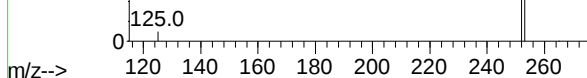
Concen: 0.883 ng/u1

RT: 23.024 min Scan# 4721

Delta R.T. -0.012 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07



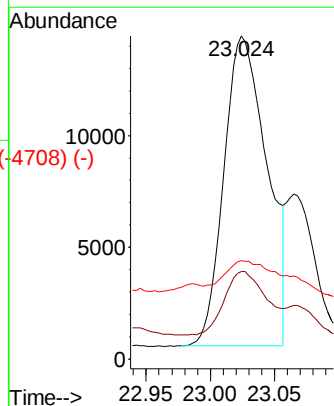
Tgt Ion:252 Resp: 32360

Ion Ratio Lower Upper

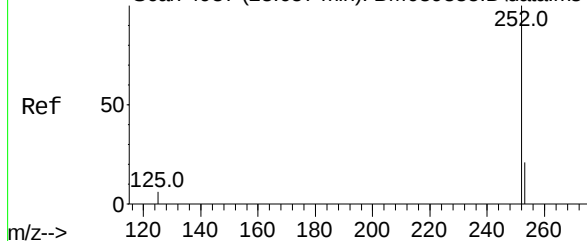
252 100

253 27.2 0.0 52.8

125 30.4 0.0 31.6



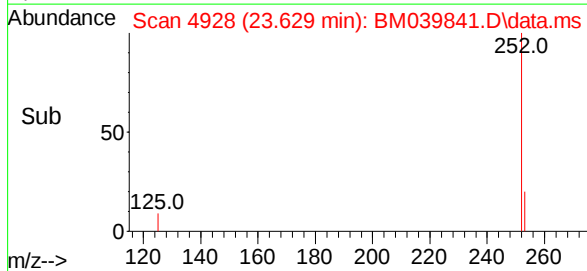
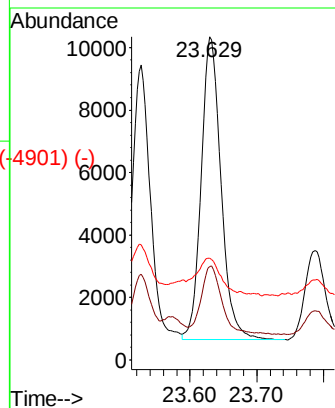
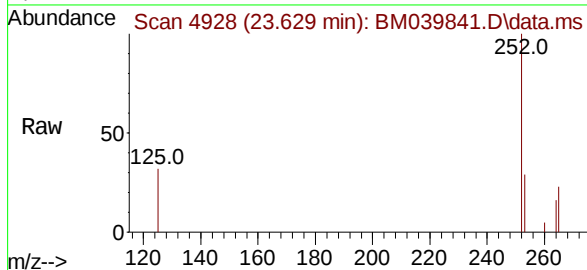
Abundance Scan 4937 (23.657 min): BM039835.D\data.ms (-4926) (-)



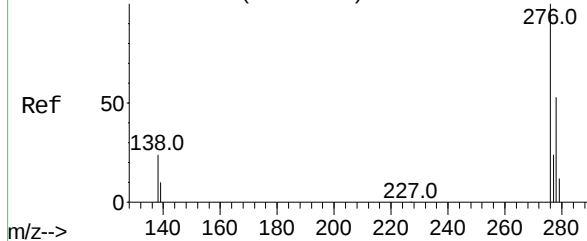
Benzo(a)pyrene
Concen: 0.615 ng/u1
RT: 23.629 min Scan# 4926
Delta R.T. -0.021 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

Instrument :
BNA_M
ClientSampleId :
EW907DL

Tgt Ion:252 Resp: 20219
Ion Ratio Lower Upper
252 100
253 28.9 24.7 37.1
125 31.6 16.5 24.7#

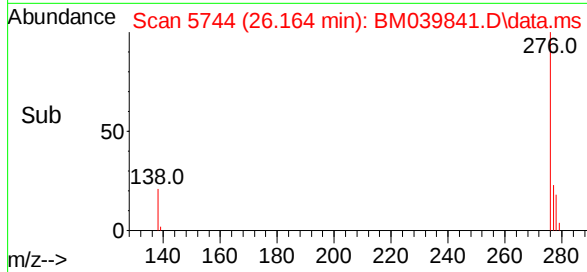
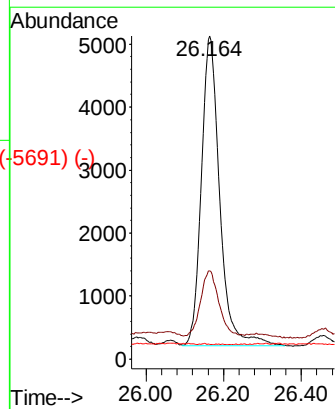
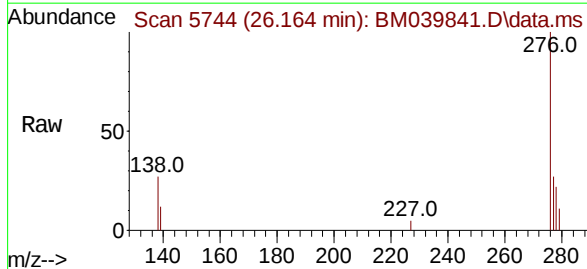


Abundance Scan 5752 (26.192 min): BM039835.D\data.ms (-5728) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/u1
RT: 26.164 min Scan# 5744
Delta R.T. -0.024 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

Tgt Ion:276 Resp: 16272
Ion Ratio Lower Upper
276 100
138 21.1 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: 0.113 ng/ul

RT: 26.164 min Scan#

Delta R.T. -0.034 min

Lab File: BM039841.D

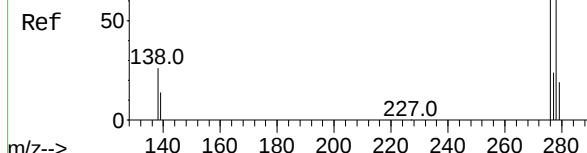
Acq: 05 May 2023 12:07

Instrument :

BNM

ClientSampleId :

EW907DL



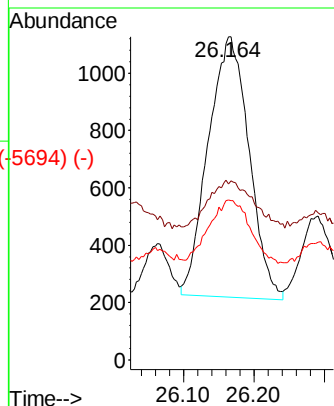
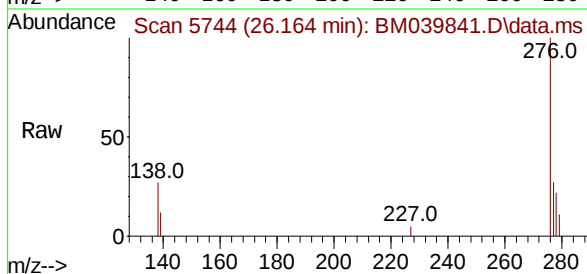
Tgt Ion:278 Resp: 3657

Ion Ratio Lower Upper

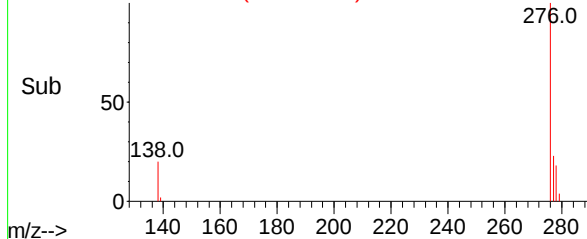
278 100

139 54.5 17.0 25.6#

279 49.4 23.4 35.2#



Abundance Scan 5744 (26.164 min): BM039841.D\data.ms (-5694) (-)



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

Benzo(g,h,i)perylene

Concen: 0.428 ng/ul

RT: 26.915 min Scan# 5968

Delta R.T. -0.017 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

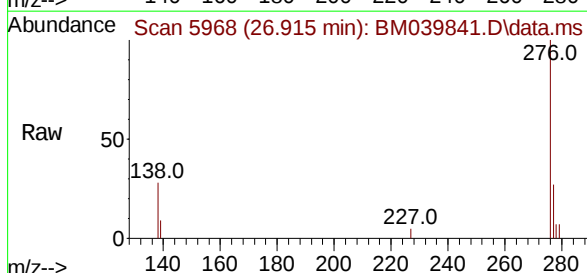
Tgt Ion:276 Resp: 15526

Ion Ratio Lower Upper

276 100

138 28.2 20.1 30.1

277 27.1 20.1 30.1



Abundance Scan 5968 (26.915 min): BM039841.D\data.ms (-5913) (-)

