

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041668.D
 Acq On : 06 Sep 2023 21:03
 Operator : MA/JU
 Sample : 04113-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYL2

Quant Time: Sep 06 22:35:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

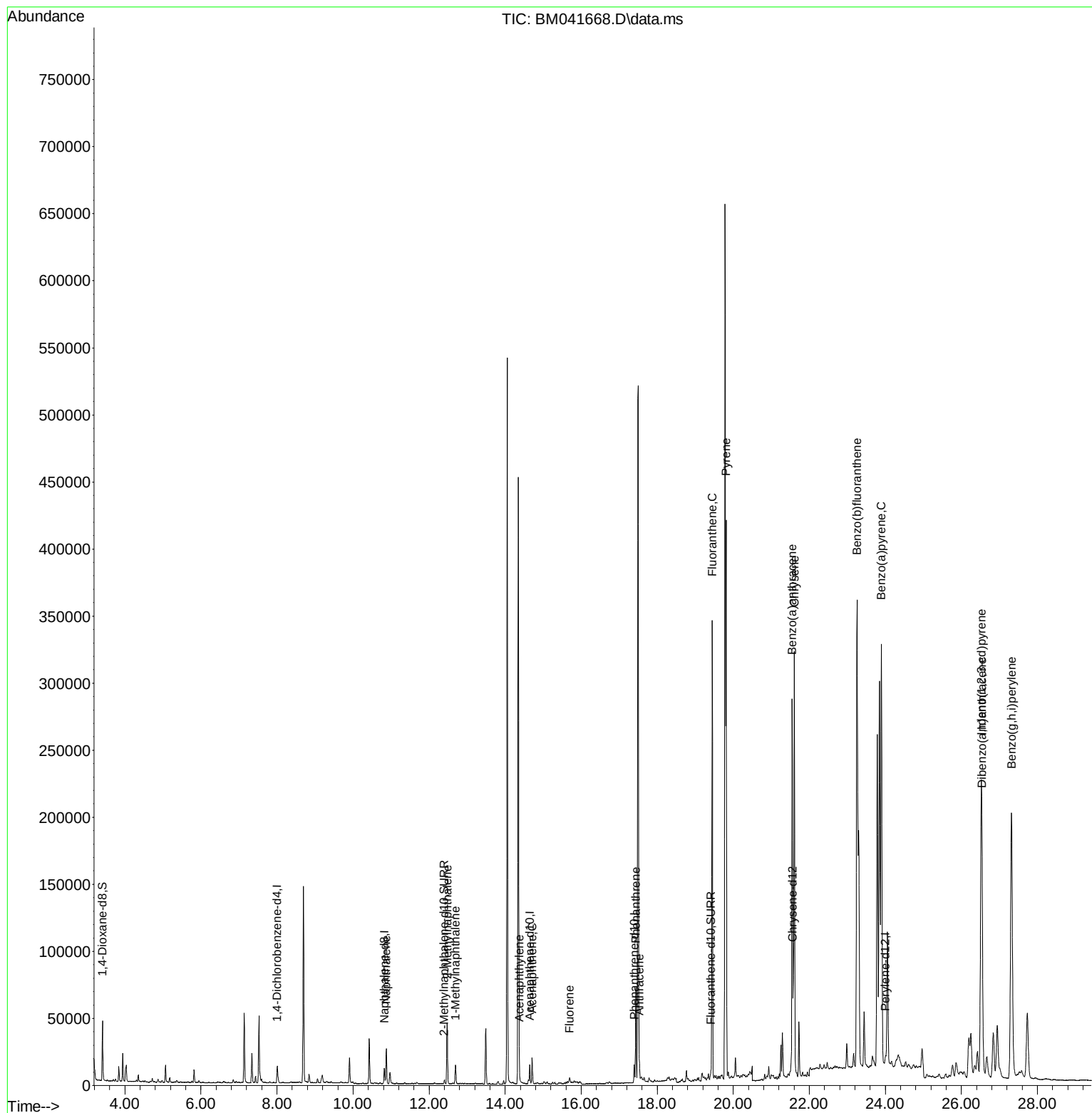
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6015	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	14698	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	7267	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	14153	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.568	240	7556	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	8145	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	25144	2.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3286	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	5292	0.144	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	35529	0.736	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	31442	1.148	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	9431	0.343	ng/ul	100
10) Acenaphthylene	14.374	152	4895	0.109	ng/ul#	93
11) Acenaphthene	14.708	153	11269	0.323	ng/ul	98
12) Fluorene	15.693	166	2936	0.075	ng/ul#	93
15) Phenanthrene	17.438	178	73580	1.231	ng/ul	99
16) Anthracene	17.531	178	13001	0.254	ng/ul	95
19) Fluoranthene	19.450	202	285598	3.202	ng/ul	97
20) Pyrene	19.812	202	328056	3.704	ng/ul	99
21) Benzo(a)anthracene	21.550	228	240942	3.910	ng/ul	99
22) Chrysene	21.606	228	301404	4.533	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	599684	8.228	ng/ul	92
26) Benzo(a)pyrene	23.895	252	457096	7.718	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.528	276	406518	5.003	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.542	278	76775	1.348	ng/ul	96
29) Benzo(g,h,i)perylene	27.316	276	440424	6.118	ng/ul	97

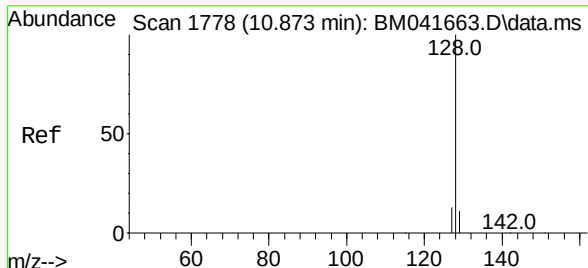
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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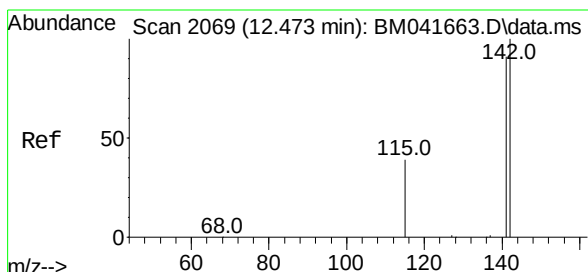
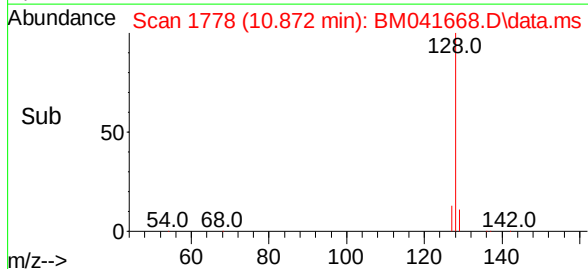
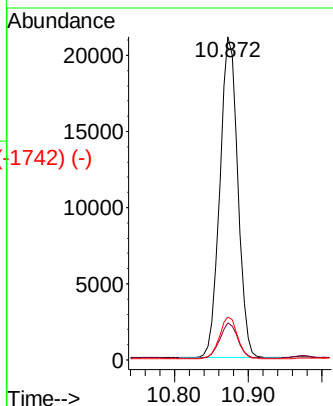
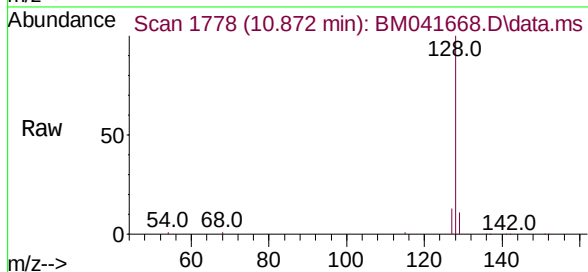




Scan 1778 (10.873 min): BM041663.D\data.ms (-1757) (-)
 Naphthalene
 Concen: 0.736 ng/ul
 RT: 10.872 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BM041668.D
 Acq: 06 Sep 2023 21:03

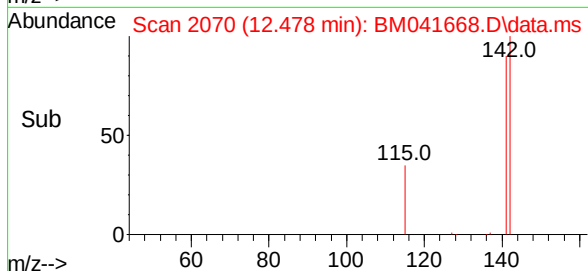
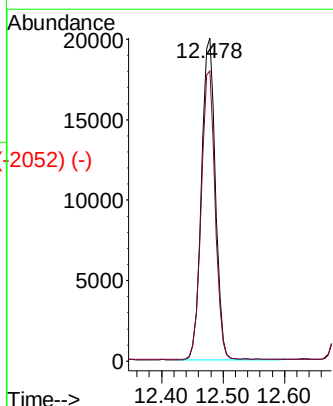
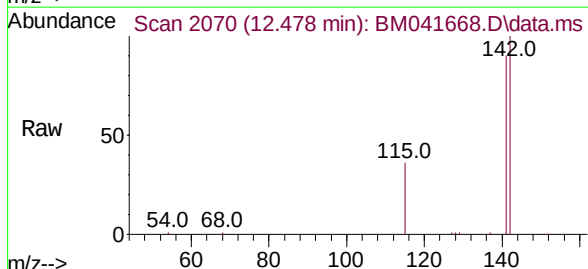
Instrument :
 BNA_M
 ClientSampleId :
 EZYL2

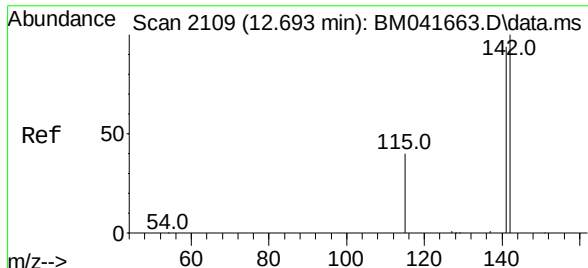
Tgt Ion:	128	Resp:	35529
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.2	11.0	16.6



Scan 2069 (12.473 min): BM041663.D\data.ms (-2070) (-)
 2-Methylnaphthalene
 Concen: 1.148 ng/ul
 RT: 12.478 min Scan# 2070
 Delta R.T. -0.000 min
 Lab File: BM041668.D
 Acq: 06 Sep 2023 21:03

Tgt Ion:	142	Resp:	31442
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2





1-Methylnaphthalene

Concen: 0.343 ng/ul

RT: 12.693 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

Instrument :

BNA_M

ClientSampleId :

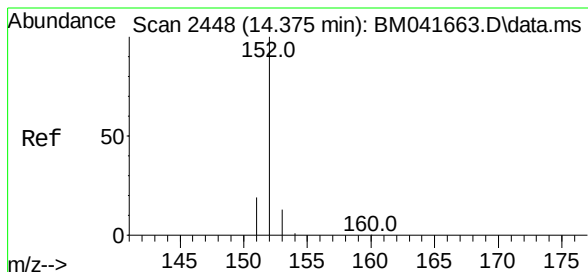
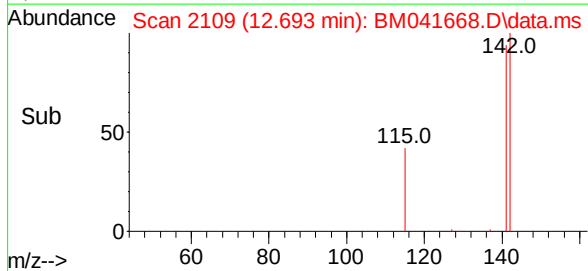
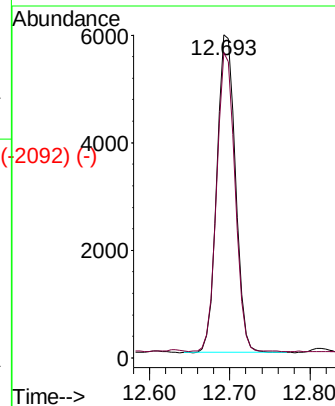
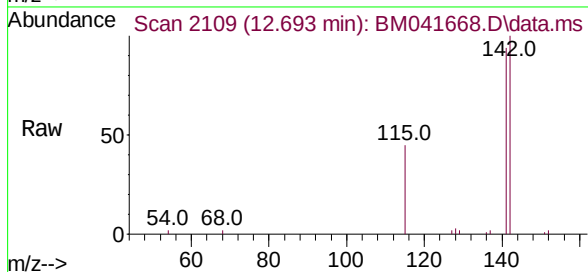
EZYL2

Tgt Ion:142 Resp: 9431

Ion Ratio Lower Upper

142 100

141 93.4 74.4 111.6



Acenaphthylene

Concen: 0.109 ng/ul

RT: 14.374 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

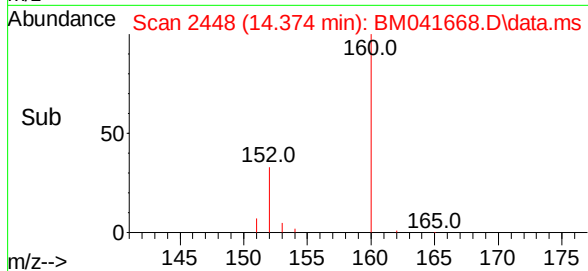
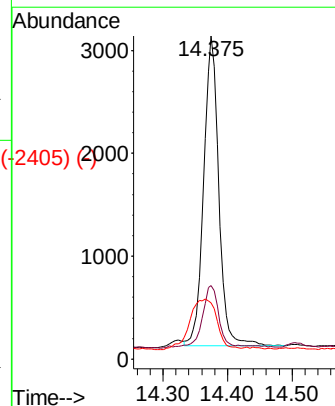
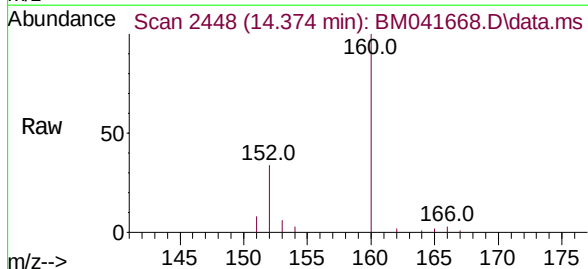
Tgt Ion:152 Resp: 4895

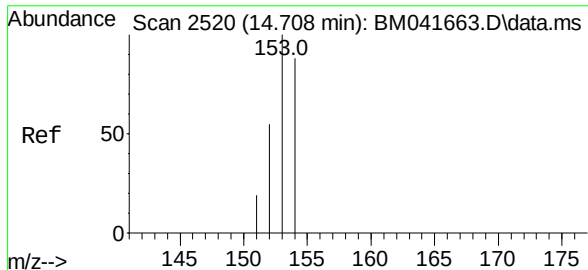
Ion Ratio Lower Upper

152 100

151 22.8 16.4 24.6

153 17.4 11.1 16.7#





Acenaphthene

Concen: 0.323 ng/ul

RT: 14.708 min Scan# 2520

Delta R.T. -0.005 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

Instrument :

BNA_M

ClientSampleId :

EZYL2

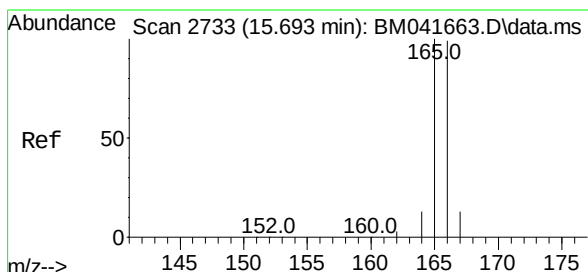
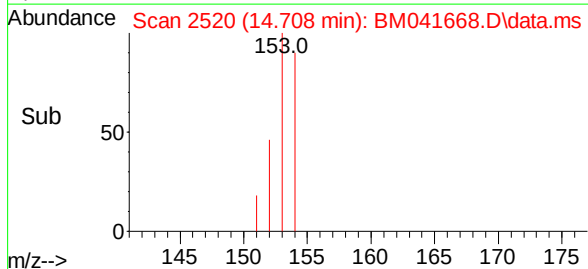
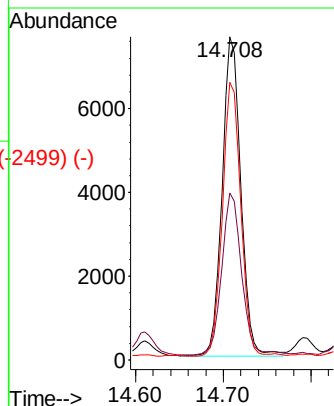
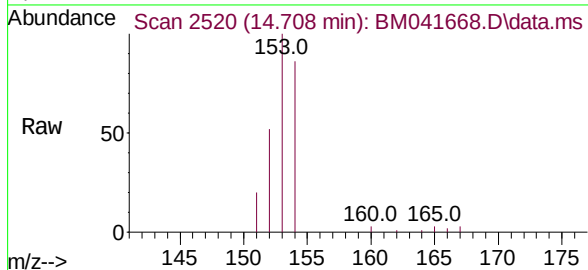
Tgt Ion:153 Resp: 11269

Ion Ratio Lower Upper

153 100

152 51.6 43.4 65.2

154 86.0 69.4 104.0



Fluorene

Concen: 0.075 ng/ul

RT: 15.693 min Scan# 2733

Delta R.T. -0.005 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

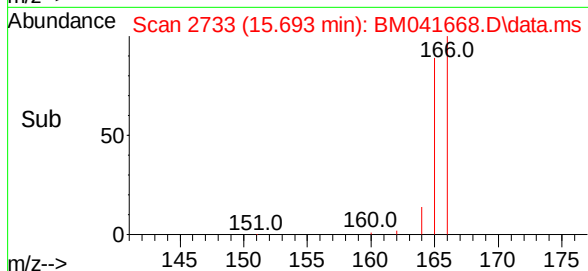
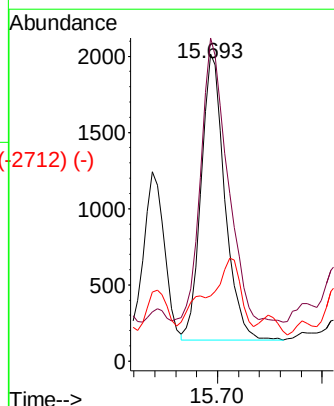
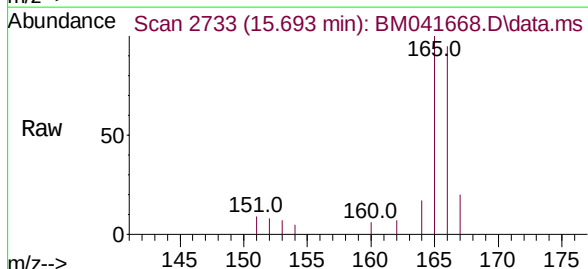
Tgt Ion:166 Resp: 2936

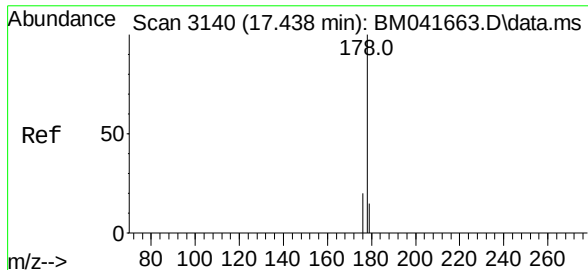
Ion Ratio Lower Upper

166 100

165 105.3 79.4 119.2

167 21.2 11.3 16.9#

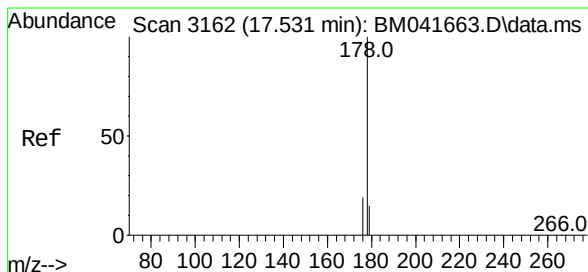
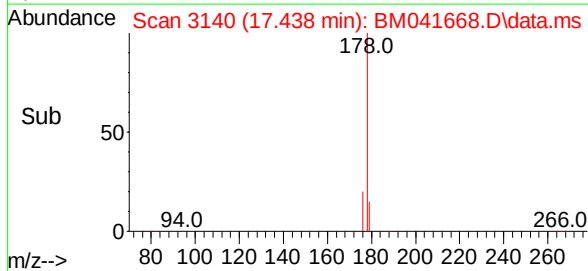
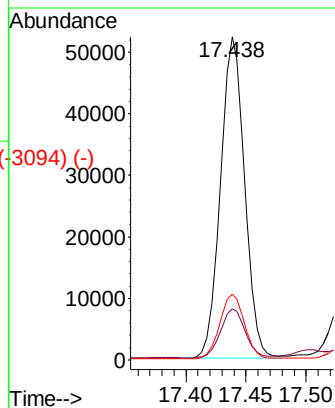
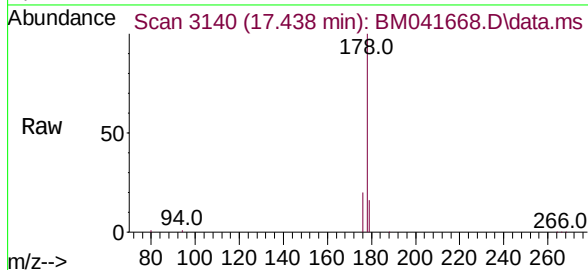




Phenanthrene
Concen: 1.231 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

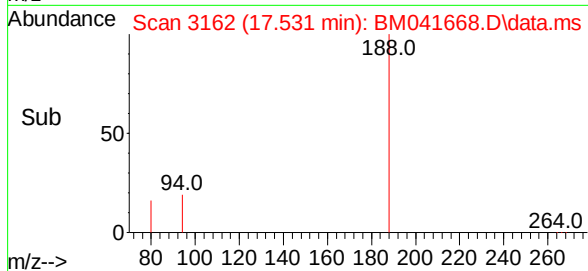
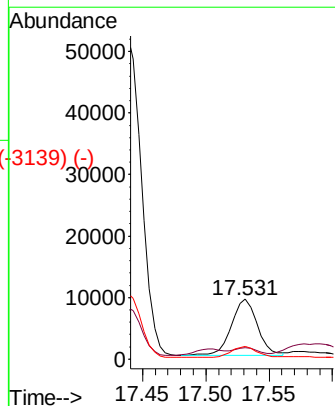
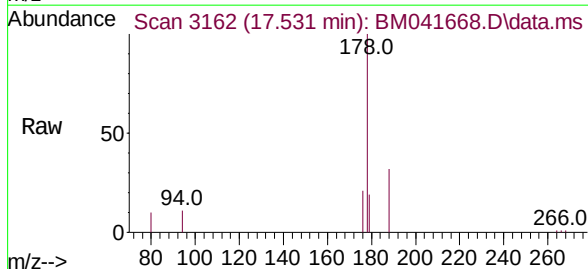
Instrument :
BNA_M
ClientSampleId :
EZY2

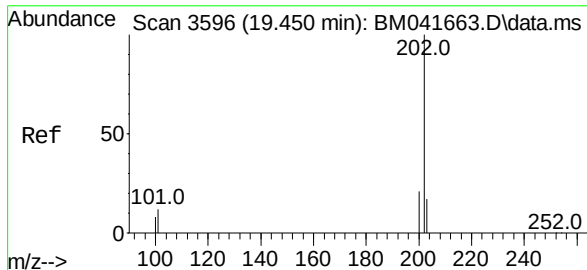
Tgt Ion:	178	Resp:	73580
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.4	16.9	25.3



Anthracene
Concen: 0.254 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Tgt Ion:	178	Resp:	13001
Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.9	19.3
176	20.9	15.8	23.8

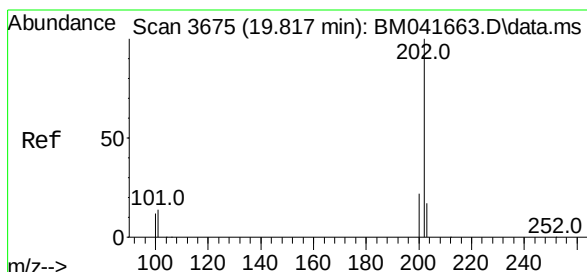
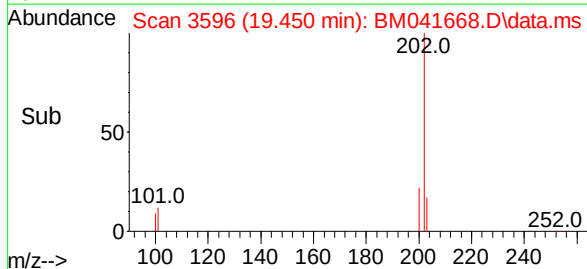
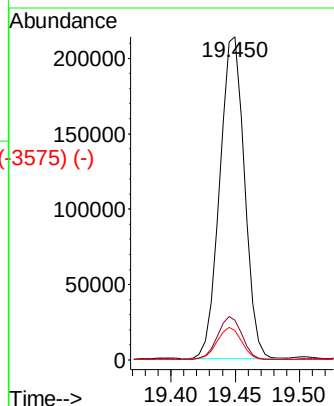
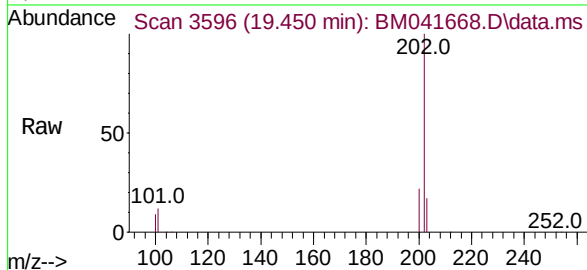




Fluoranthene
Concen: 3.202 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

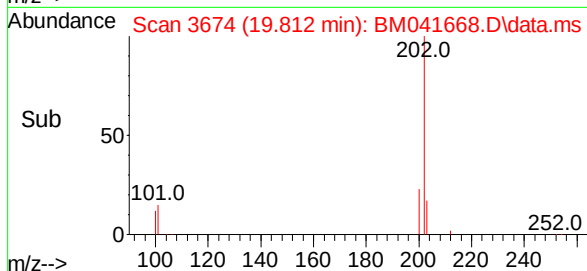
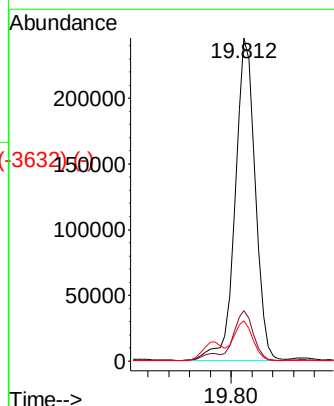
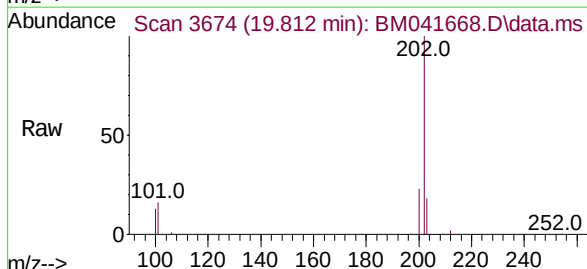
Instrument :
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ClientSampleId :
EZY2

Tgt Ion:	202	Resp:	285598
Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.5	15.7
100	9.1	8.4	12.6

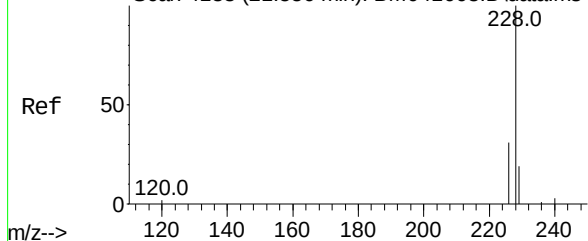


Pyrene
Concen: 3.704 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Tgt Ion:	202	Resp:	328056
Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.8	17.8
100	12.5	9.8	14.6



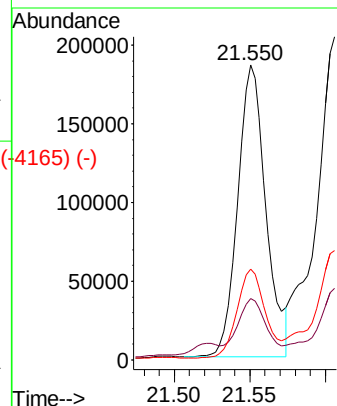
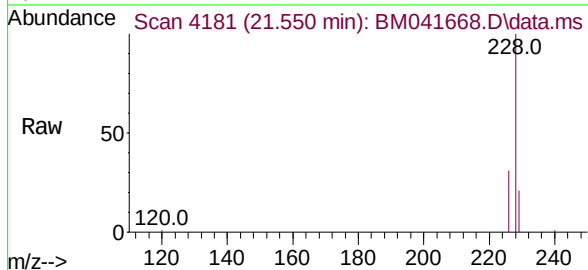
Abundance Scan 4183 (21.556 min): BM041663.D\data.ms (-4120) (-)



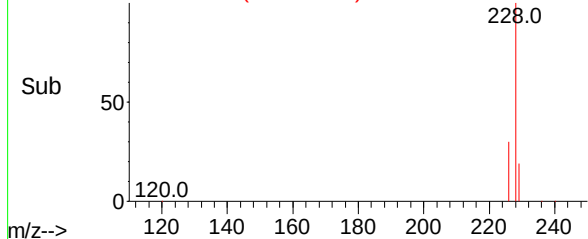
Benzo(a)anthracene
Concen: 3.910 ng/ul
RT: 21.550 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Instrument :
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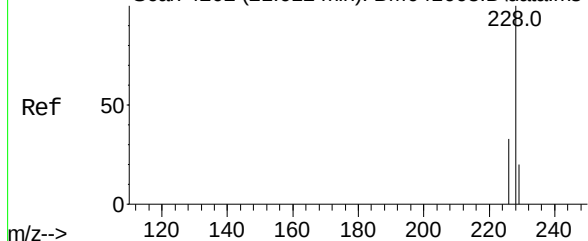
Tgt Ion:228 Resp: 240942
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 30.8 24.8 37.2



Abundance Scan 4181 (21.550 min): BM041668.D\data.ms (-4165) (-)

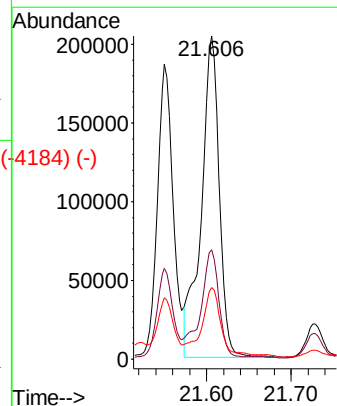
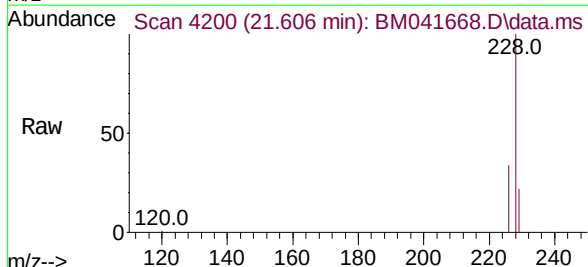


Abundance Scan 4202 (21.612 min): BM041663.D\data.ms (-4122) (-)

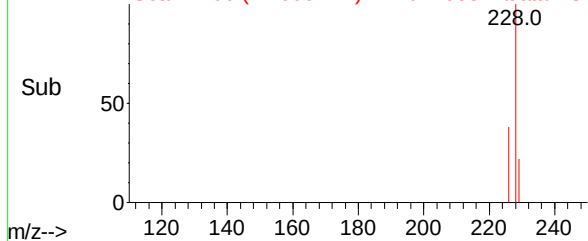


Chrysene
Concen: 4.533 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.003 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Tgt Ion:228 Resp: 301404
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 22.2 15.4 23.2



Abundance Scan 4200 (21.606 min): BM041668.D\data.ms (-4184) (-)



Abundance Scan 4765 (23.257 min): BM041663.D\data.ms (-4765) (-)

Benzo(b)fluoranthene

Concen: 8.228 ng/ul

RT: 23.254 min Scan# 4764

Delta R.T. 0.003 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

Instrument :

BNA_M

ClientSampleId :

EZYL2

Tgt Ion:252 Resp: 599684

Ion Ratio Lower Upper

252 100

253 23.5 0.0 52.4

125 15.9 0.0 42.8

Abundance Scan 4764 (23.254 min): BM041668.D\data.ms

Raw

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4764 (23.254 min): BM041668.D\data.ms (-4764) (-)

Sub

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

250000

200000

150000

100000

50000

0

Time-->

23.20 23.25 23.30

Abundance Scan 4985 (23.901 min): BM041663.D\data.ms (-4985) (-)

Benzo(a)pyrene

Concen: 7.718 ng/ul

RT: 23.895 min Scan# 4983

Delta R.T. -0.003 min

Lab File: BM041668.D

Acq: 06 Sep 2023 21:03

Tgt Ion:252 Resp: 457096

Ion Ratio Lower Upper

252 100

253 23.1 22.4 33.6

125 17.2 21.0 31.4#

Abundance Scan 4983 (23.895 min): BM041668.D\data.ms

Raw

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4983 (23.895 min): BM041668.D\data.ms (-4983) (-)

Sub

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

200000

150000

100000

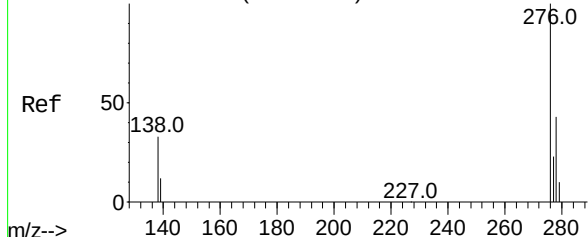
50000

0

Time-->

23.80 23.90 24.00

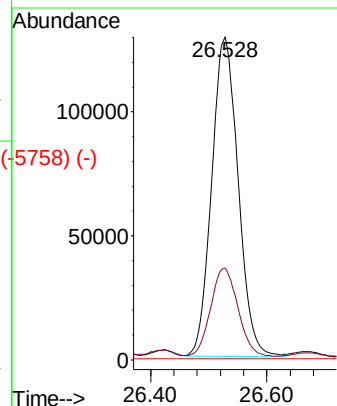
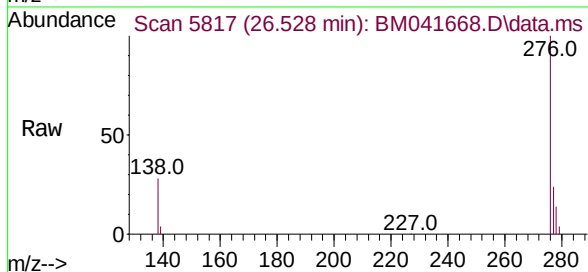
Abundance Scan 5819 (26.535 min): BM041663.D\data.ms (-5727) (-)



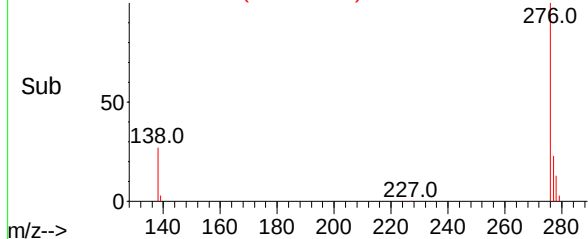
Indeno(1,2,3-cd)pyrene
Concen: 5.003 ng/ul
RT: 26.528 min Scan# 5817
Delta R.T. -0.003 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Instrument :
BNA_M
ClientSampleId :
EZY2

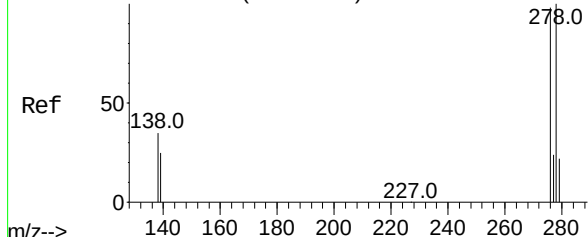
Tgt Ion:276 Resp: 406518
Ion Ratio Lower Upper
276 100
138 28.2 26.4 39.6
227 0.1 0.1 0.1#



Abundance Scan 5817 (26.528 min): BM041668.D\data.ms (-5758) (-)

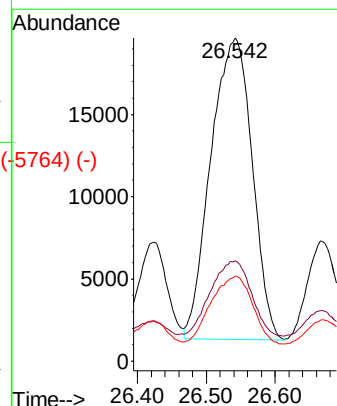
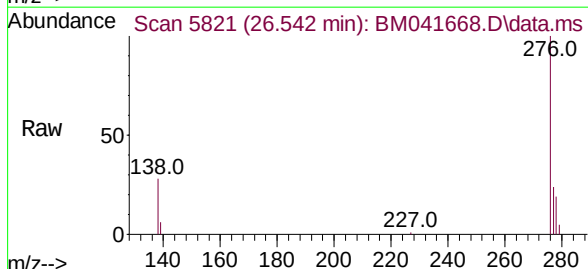


Abundance Scan 5825 (26.555 min): BM041663.D\data.ms (-5728) (-)

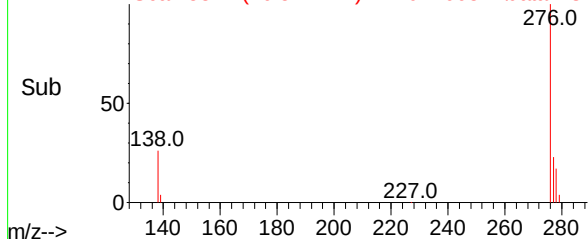


Dibenzo(a,h)anthracene
Concen: 1.348 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

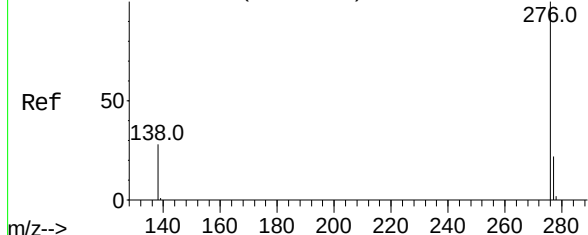
Tgt Ion:278 Resp: 76775
Ion Ratio Lower Upper
278 100
139 31.1 23.0 34.6
279 26.4 22.9 34.3



Abundance Scan 5821 (26.542 min): BM041668.D\data.ms (-5764) (-)

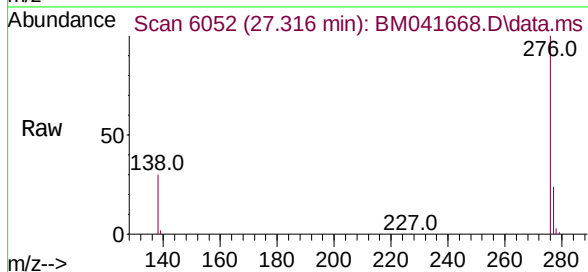


Abundance Scan 6053 (27.320 min): BM041663.D\data.ms (-6529) (-)



Benzo(g,h,i)perylene
Concen: 6.118 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.000 min
Lab File: BM041668.D
Acq: 06 Sep 2023 21:03

Instrument :
BNA_M
ClientSampleId :
EZYL2



Tgt Ion:	276	Resp:	440424
Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.4
277	23.9	20.2	30.2

