

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
 Data File : BM030242.D
 Acq On : 01 Jun 2021 17:56
 Operator : CG/JU
 Sample : M2491-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLX81

Manual Integrations
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Quant Time: Jun 01 18:25:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 01 15:22:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	5499	0.40	ng/ul	0.00
4) Naphthalene-d8	10.658	136	19975	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	11357	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	21584	0.40	ng/ul	0.00
17) Chrysene-d12	21.379	240	14466	0.40	ng/ul	0.00
23) Perylene-d12	23.666	264	13240	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	9889	1.83	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	3960	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	8809	0.18	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.707	128	5523	0.09	ng/ul	96
7) 2-Methylnaphthalene	12.313	142	1116	0.03	ng/ul	99
10) Acenaphthylene	14.209	152	7665	0.14	ng/ul#	94
11) Acenaphthene	14.550	153	26253	0.57	ng/ul	99
12) Fluorene	15.532	166	12360	0.24	ng/ul	100
15) Phenanthrene	17.259	178	112931	1.45	ng/ul	100
16) Anthracene	17.350	178	5196m	0.08	ng/ul	
19) Fluoranthene	19.268	202	69293	0.94	ng/ul	99
20) Pyrene	19.630	202	98478	1.31	ng/ul	99
21) Benzo(a)anthracene	21.365	228	31165m	0.54	ng/ul	
22) Chrysene	21.413	228	40399	0.65	ng/ul	98
24) Benzo(b)fluoranthene	22.977	252	57217m	0.87	ng/ul	
25) Benzo(k)fluoranthene	23.016	252	19706m	0.32	ng/ul	
26) Benzo(a)pyrene	23.566	252	60376	1.14	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.984	276	41023	0.58	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.989	278	7061	0.12	ng/ul#	85
29) Benzo(g,h,i)perylene	26.701	276	40162	0.65	ng/ul	98

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

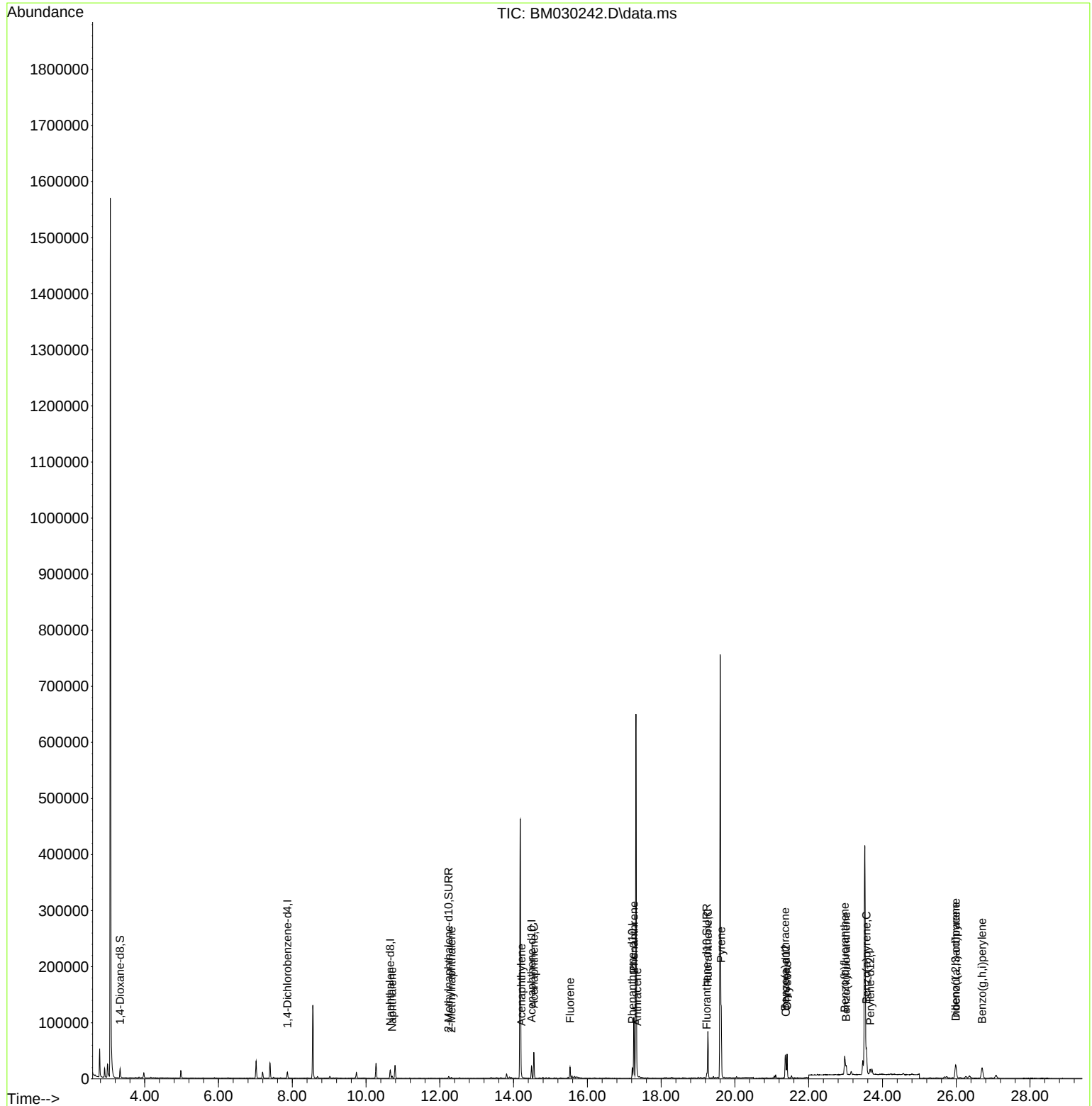
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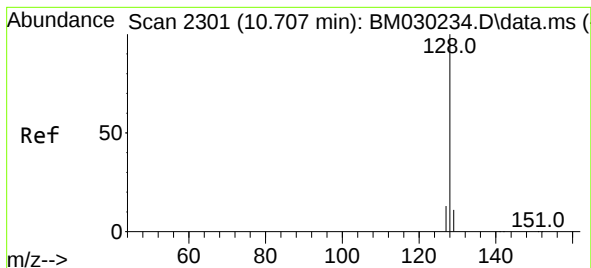
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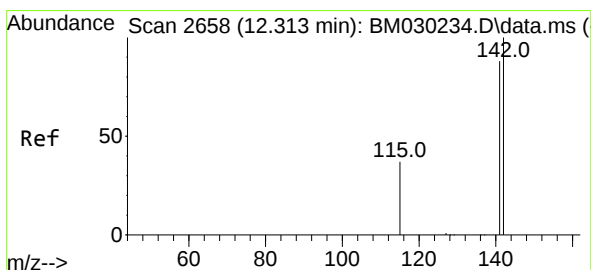
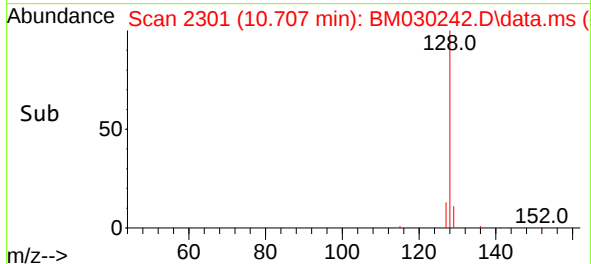
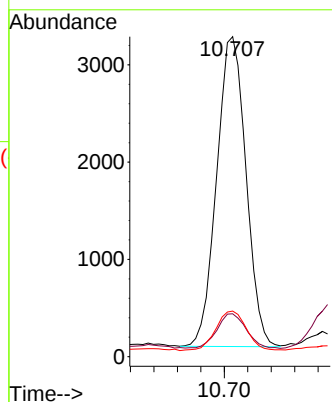
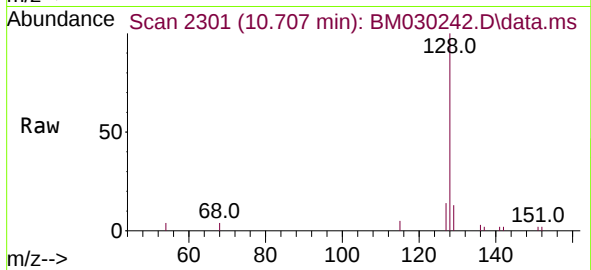
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.707 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56

Tgt Ion:128 Resp: 5523
Ion Ratio Lower Upper
128 100
129 13.4 9.0 13.4
127 14.3 10.5 15.7

Instrument :
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JLX81

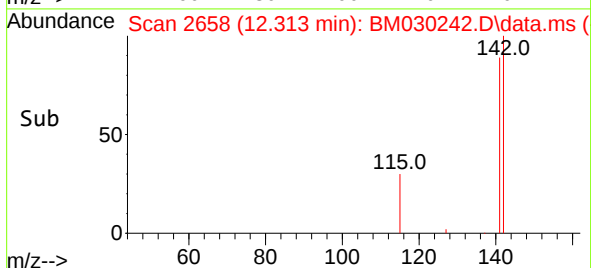
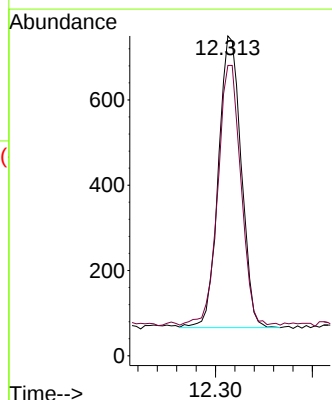
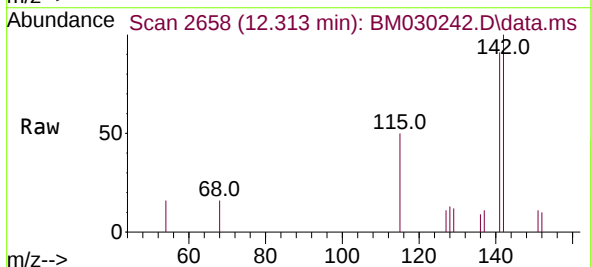
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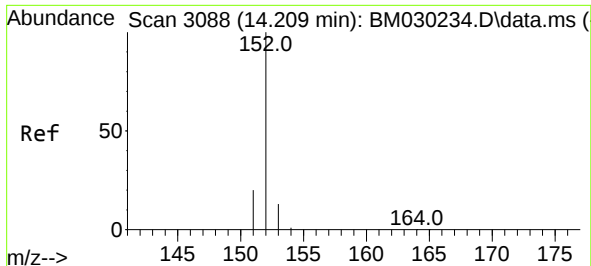
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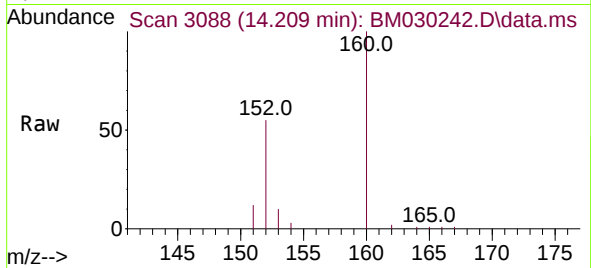
#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56

Tgt Ion:142 Resp: 1116
Ion Ratio Lower Upper
142 100
141 89.9 71.5 107.3

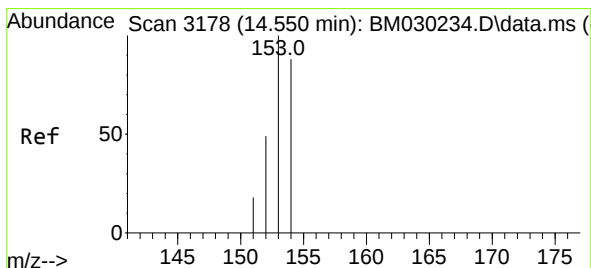
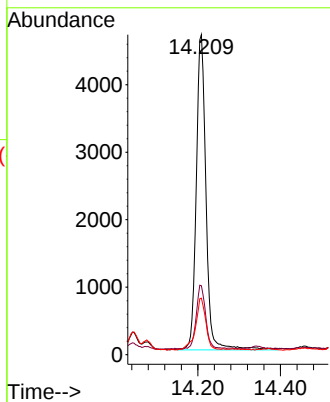
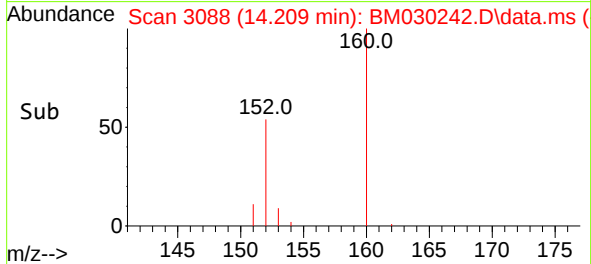




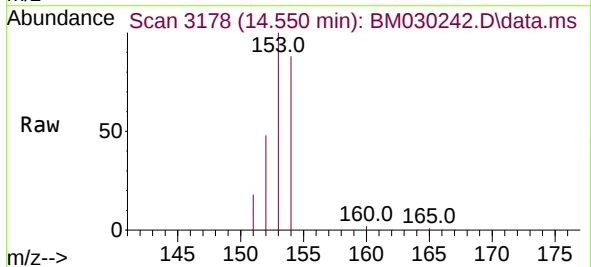
#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 14.209 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



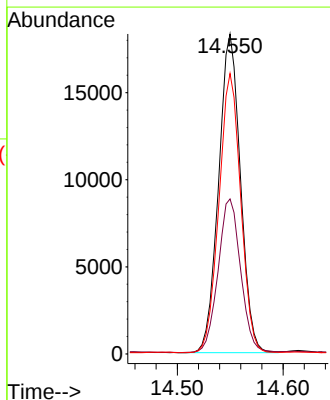
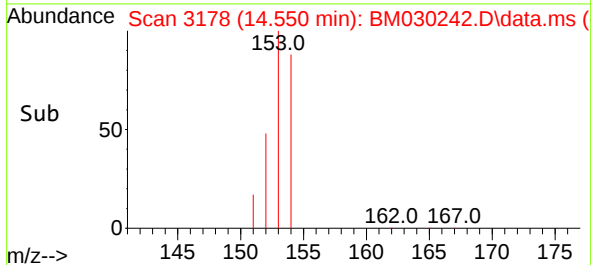
Tgt Ion:152 Resp: 7665
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 17.6 10.9 16.3#



#11
Acenaphthene
Concen: 0.57 ng/ul
RT: 14.550 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



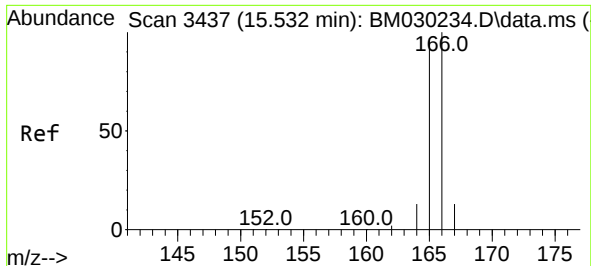
Tgt Ion:153 Resp: 26253
Ion Ratio Lower Upper
153 100
152 48.5 39.8 59.8
154 87.7 70.9 106.3



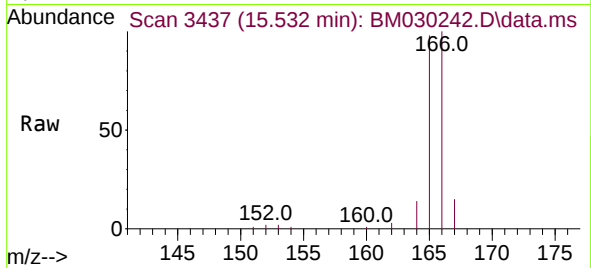
Instrument :
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ClientSampled :
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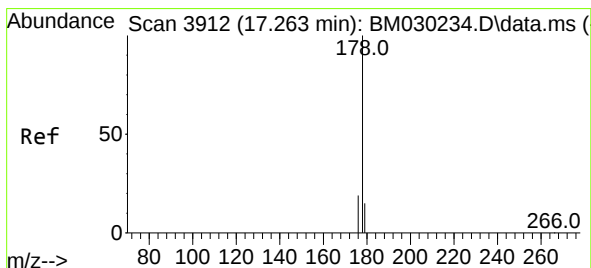
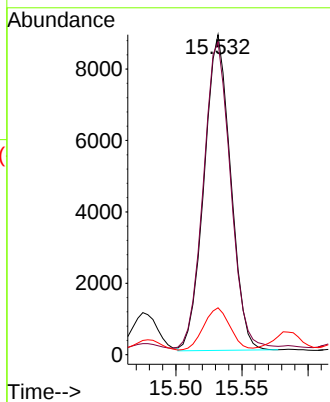
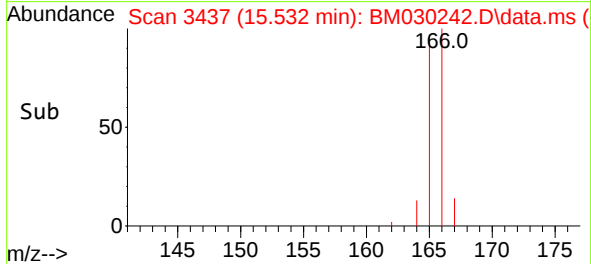
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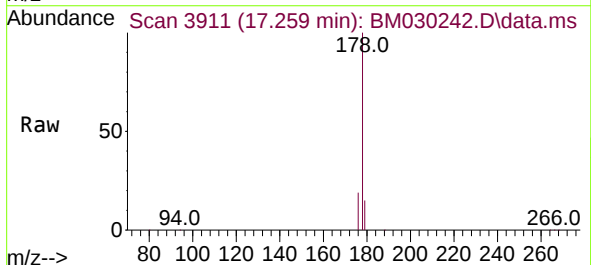
#12
Fluorene
Concen: 0.24 ng/ul
RT: 15.532 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BM030242.D
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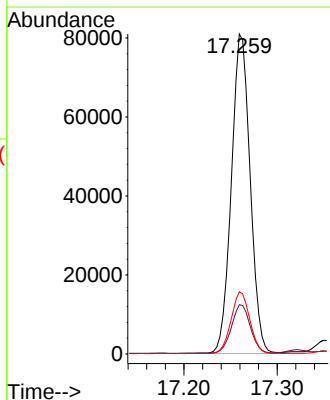
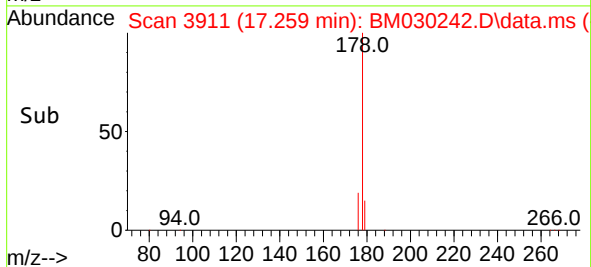
Tgt Ion:166 Resp: 12360
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 14.7 10.9 16.3



#15
Phenanthrene
Concen: 1.45 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.003 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



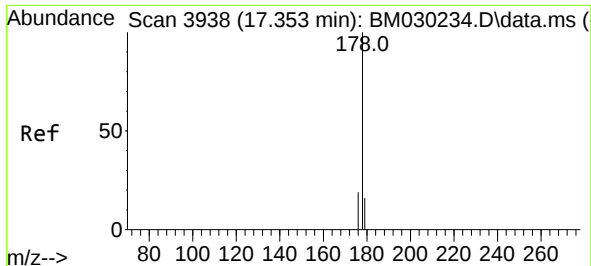
Tgt Ion:178 Resp: 112931
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.5 15.6 23.4



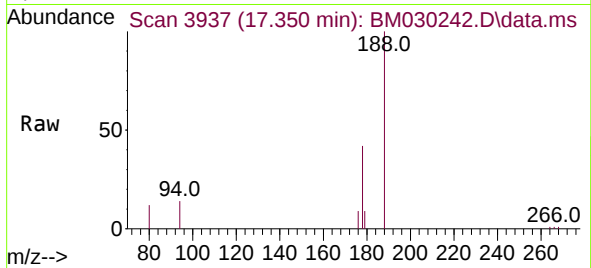
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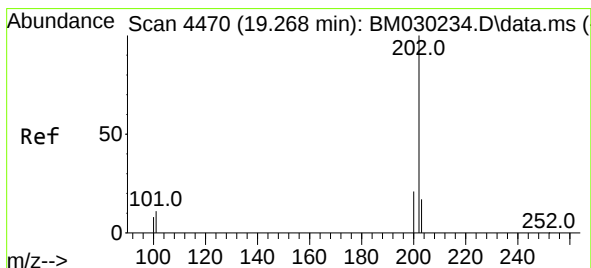
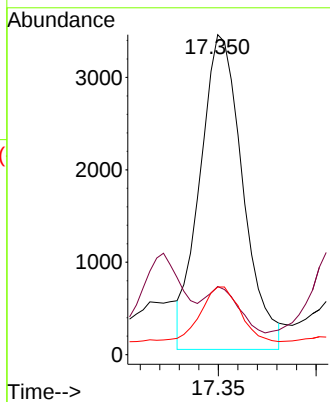
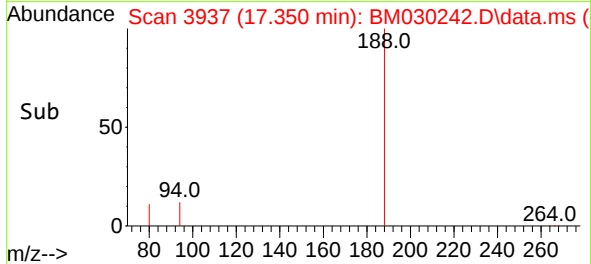
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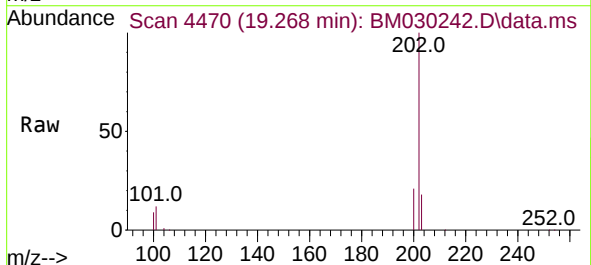
#16
 Anthracene
 Concen: 0.08 ng/ul m
 RT: 17.350 min Scan# 3937
 Delta R.T. -0.003 min
 Lab File: BM030242.D
 Acq: 01 Jun 2021 17:56



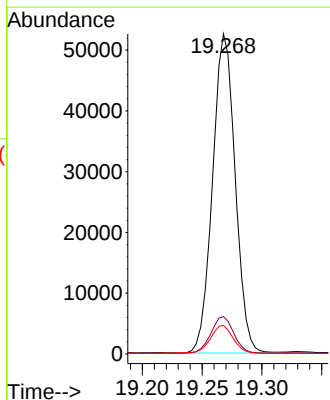
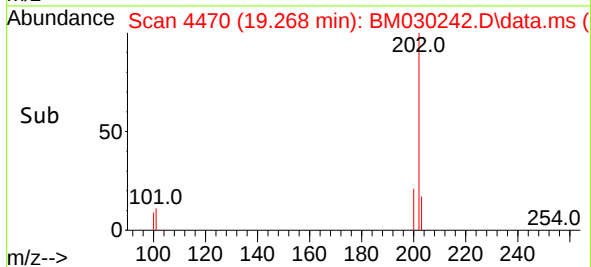
Tgt Ion:178 Resp: 5196
 Ion Ratio Lower Upper
 178 100
 179 21.3 13.1 19.7#
 176 21.2 15.7 23.5



#19
 Fluoranthene
 Concen: 0.94 ng/ul
 RT: 19.268 min Scan# 4470
 Delta R.T. 0.000 min
 Lab File: BM030242.D
 Acq: 01 Jun 2021 17:56



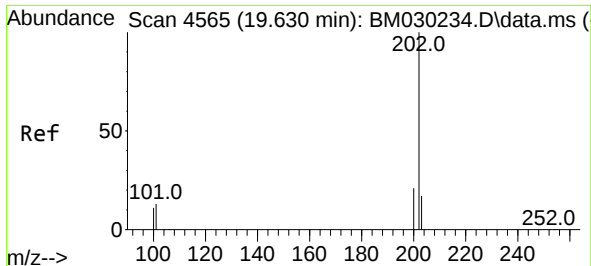
Tgt Ion:202 Resp: 69293
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.7 14.5
 100 8.9 7.4 11.0



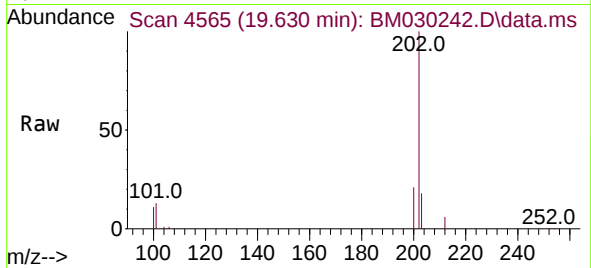
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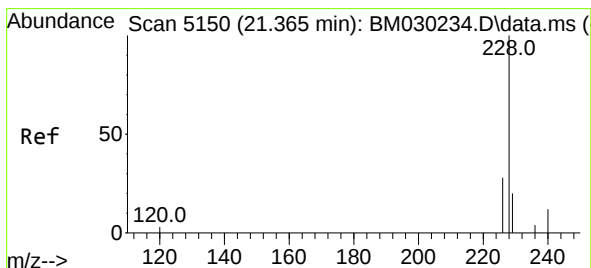
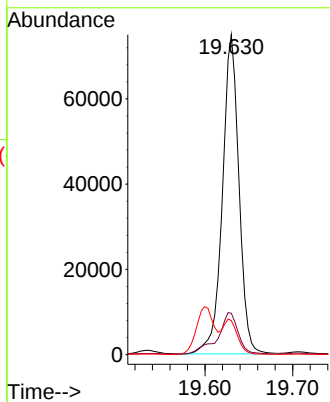
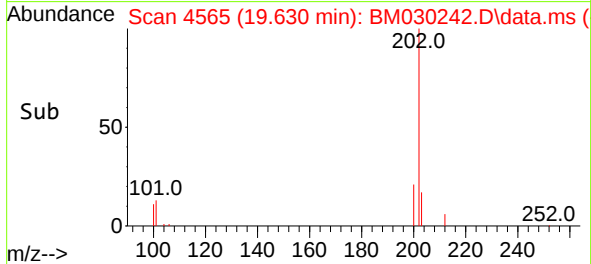
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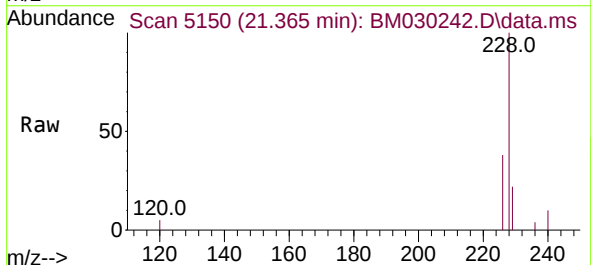
#20
Pyrene
Concen: 1.31 ng/ul
RT: 19.630 min Scan# 4565
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



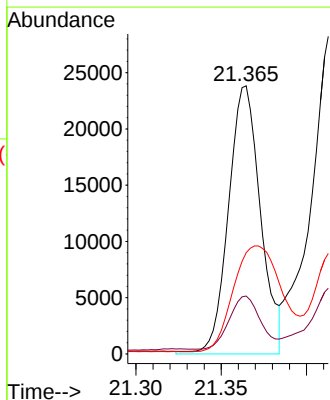
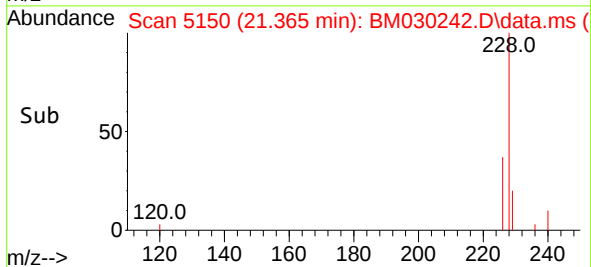
Tgt Ion:202 Resp: 98478
Ion Ratio Lower Upper
202 100
101 13.0 10.6 16.0
100 10.7 8.9 13.3



#21
Benzo(a)anthracene
Concen: 0.54 ng/ul m
RT: 21.365 min Scan# 5150
Delta R.T. 0.000 min
Lab File: BM030242.D
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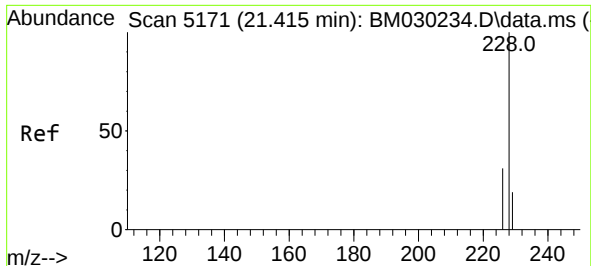
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Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 37.8 22.3 33.5#



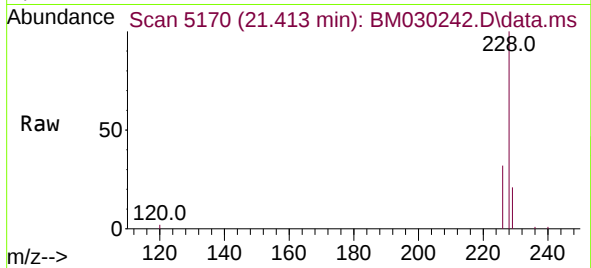
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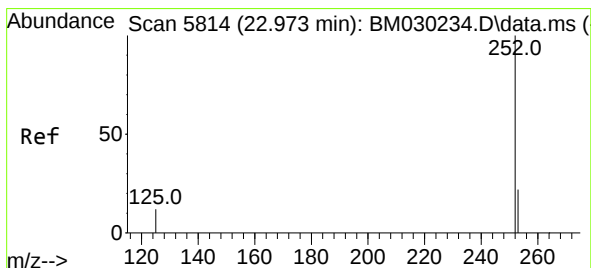
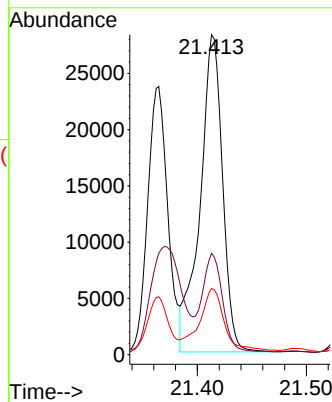
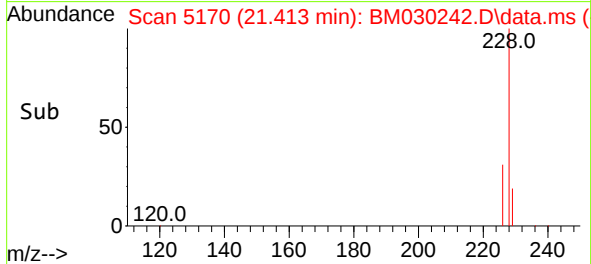
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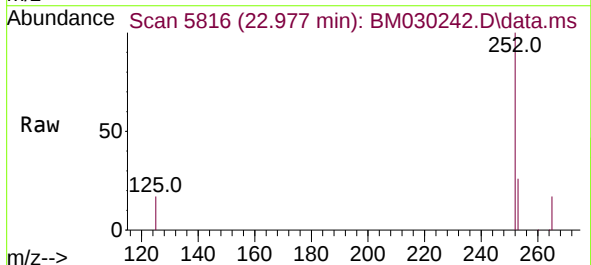
#22
Chrysene
Concen: 0.65 ng/ul
RT: 21.413 min Scan# 5170
Delta R.T. -0.002 min
Lab File: BM030242.D
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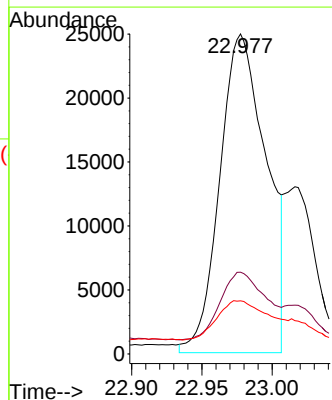
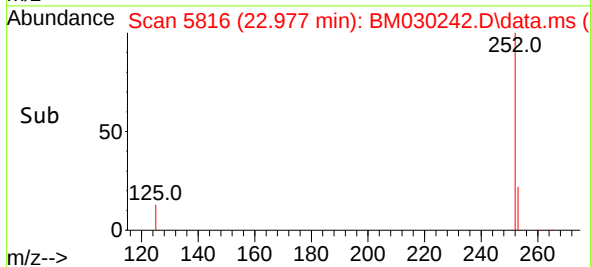
Tgt Ion:228 Resp: 40399
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 20.7 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.87 ng/ul m
RT: 22.977 min Scan# 5816
Delta R.T. 0.005 min
Lab File: BM030242.D
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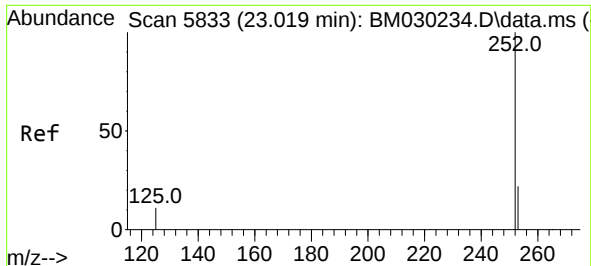
Tgt Ion:252 Resp: 57217
Ion Ratio Lower Upper
252 100
253 25.6 0.0 57.4
125 16.6 0.0 38.0



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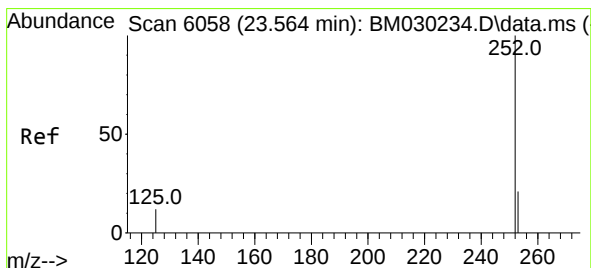
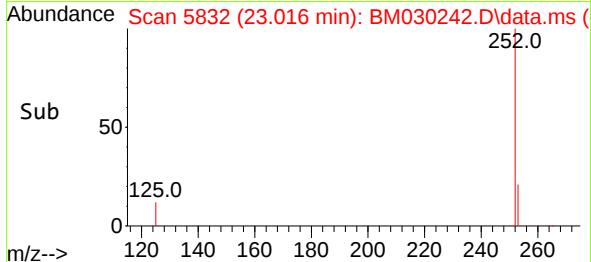
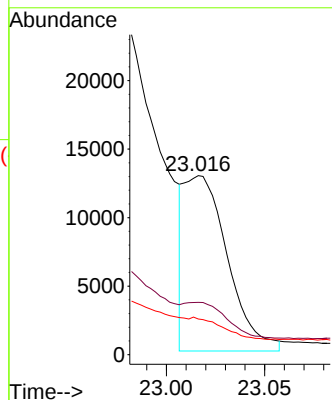
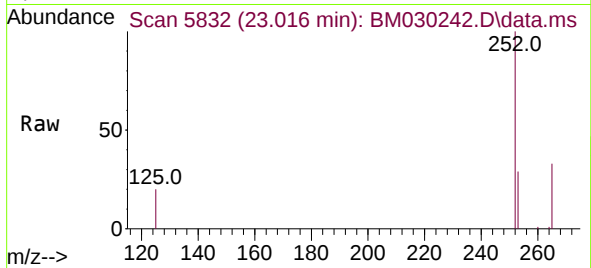
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Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 23.016 min Scan# 5832
Delta R.T. -0.002 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56

Tgt Ion:252 Resp: 19706
Ion Ratio Lower Upper
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253 29.2 23.0 34.6
125 19.9 14.8 22.2

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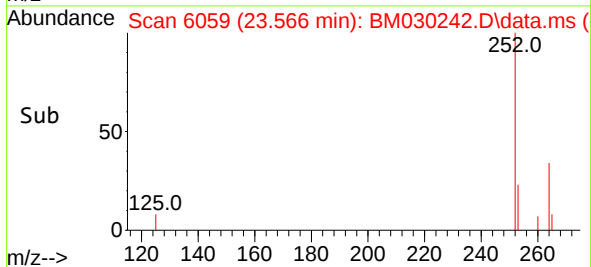
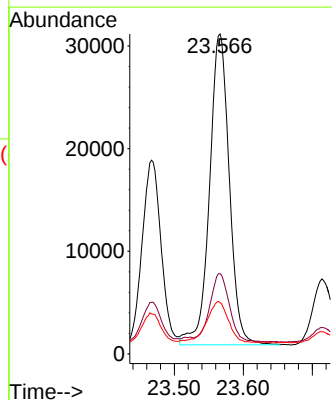
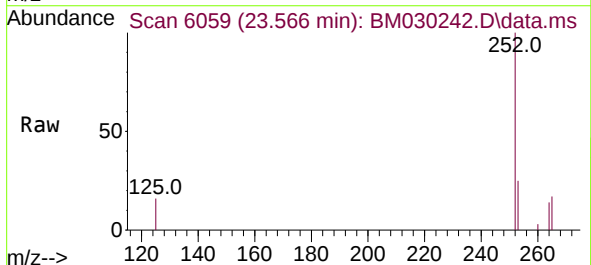
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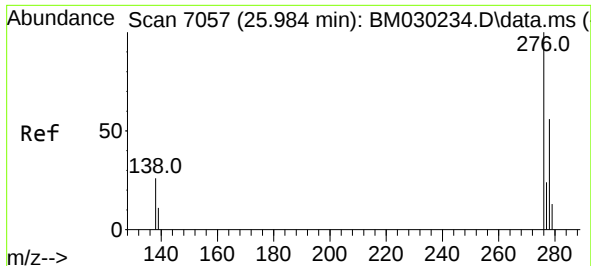
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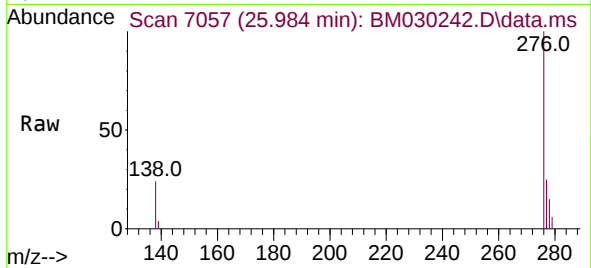
#26
Benzo(a)pyrene
Concen: 1.14 ng/ul
RT: 23.566 min Scan# 6059
Delta R.T. 0.002 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56

Tgt Ion:252 Resp: 60376
Ion Ratio Lower Upper
252 100
253 25.1 25.3 37.9#
125 16.1 17.6 26.4#

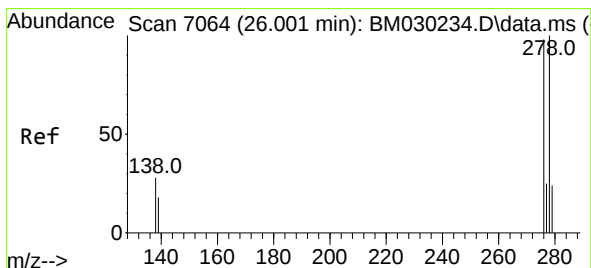
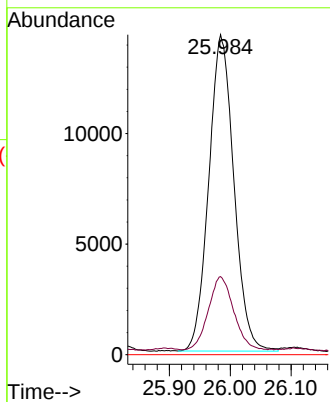
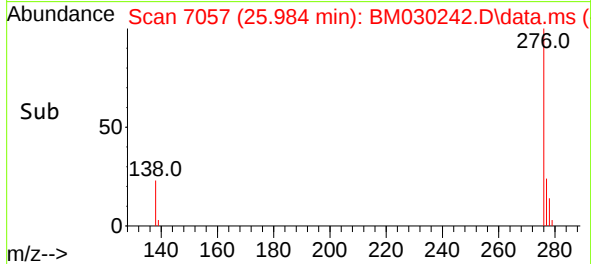




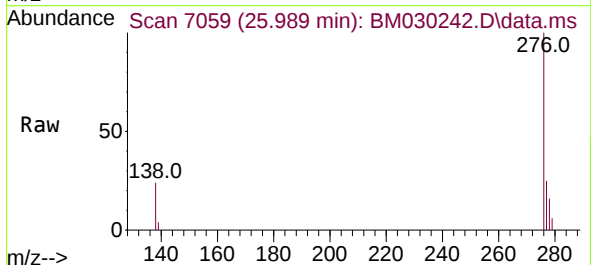
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.58 ng/ul
RT: 25.984 min Scan# 7057
Delta R.T. 0.000 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



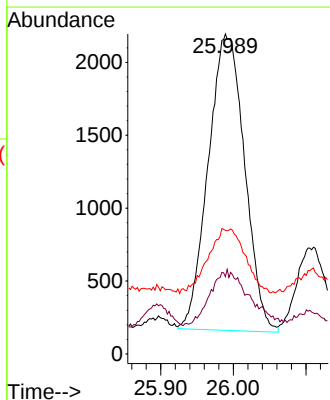
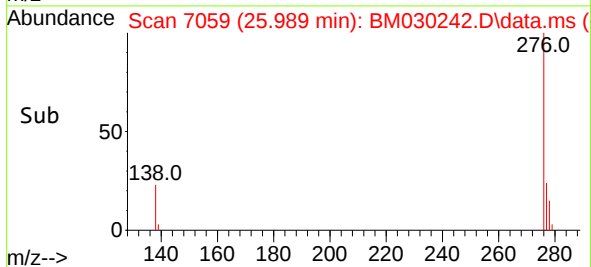
Tgt Ion: 276 Resp: 41023
Ion Ratio Lower Upper
276 100
138 23.2 22.3 33.5
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.989 min Scan# 7059
Delta R.T. -0.012 min
Lab File: BM030242.D
Acq: 01 Jun 2021 17:56



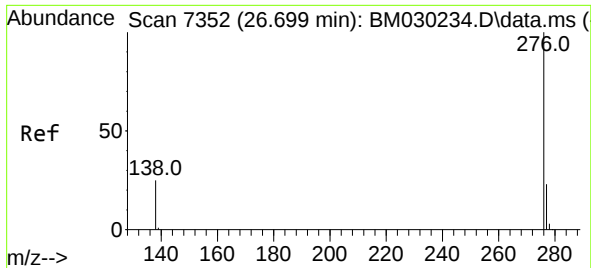
Tgt Ion: 278 Resp: 7061
Ion Ratio Lower Upper
278 100
139 24.1 15.8 23.8#
279 38.6 23.2 34.8#



Instrument :
BNA_M
ClientSampled :
JLX81

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#29

Benzo(g,h,i)perylene

Concen: 0.65 ng/ul

RT: 26.701 min Scan# 7353

Delta R.T. 0.002 min

Lab File: BM030242.D

Acq: 01 Jun 2021 17:56

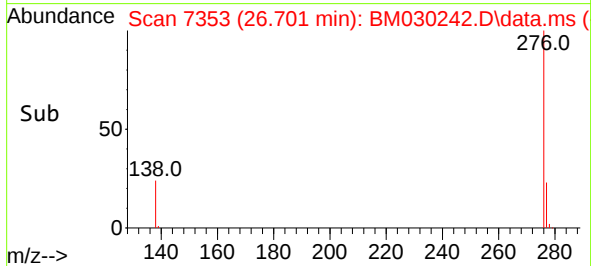
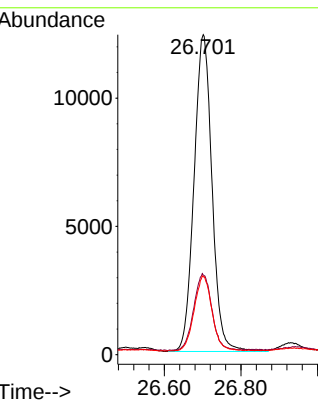
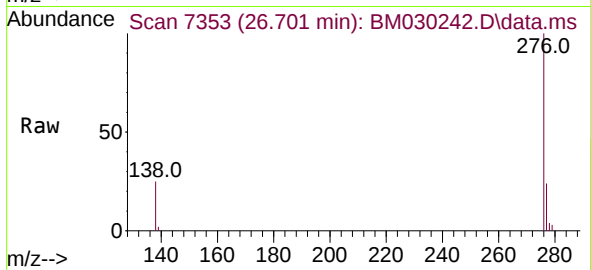
Tgt Ion: 276 Resp: 40162

Ion Ratio Lower Upper

276 100

138 24.9 21.5 32.3

277 24.3 19.5 29.3



Instrument :

BNA_M

ClientSampleId :

JLX81

Manual Integrations

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