

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
 Data File : BM031661.D
 Acq On : 11 Aug 2021 15:38
 Operator : CG/JU
 Sample : M3246-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Manual Integrations
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Quant Time: Aug 11 16:23:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 11 11:28:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4903	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	3341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5753	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	4774	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	4561	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	5384	3.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	2008	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	4238	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	60050	4.112	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	54426	5.455	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	39068	3.963	ng/ul	100
10) Acenaphthylene	13.927	152	5499	0.386	ng/ul	94
11) Acenaphthene	14.269	153	1640m	0.137	ng/ul	
12) Fluorene	15.263	166	1295	0.094	ng/ul#	45
15) Phenanthrene	16.999	178	74490	4.078	ng/ul	98
16) Anthracene	17.089	178	11444	0.669	ng/ul	97
19) Fluoranthene	19.024	202	48551	2.382	ng/ul#	96
20) Pyrene	19.386	202	126881	6.137	ng/ul	95
21) Benzo(a)anthracene	21.142	228	32441	1.683	ng/ul#	54
22) Chrysene	21.193	228	48828	2.448	ng/ul#	82
24) Benzo(b)fluoranthene	22.677	252	61666m	3.001	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	19017m	0.896	ng/ul	
26) Benzo(a)pyrene	23.227	252	37464	2.082	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.458	276	36935	1.588	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.458	278	8518	0.454	ng/ul#	35
29) Benzo(g,h,i)perylene	26.117	276	77814	3.921	ng/ul	96

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

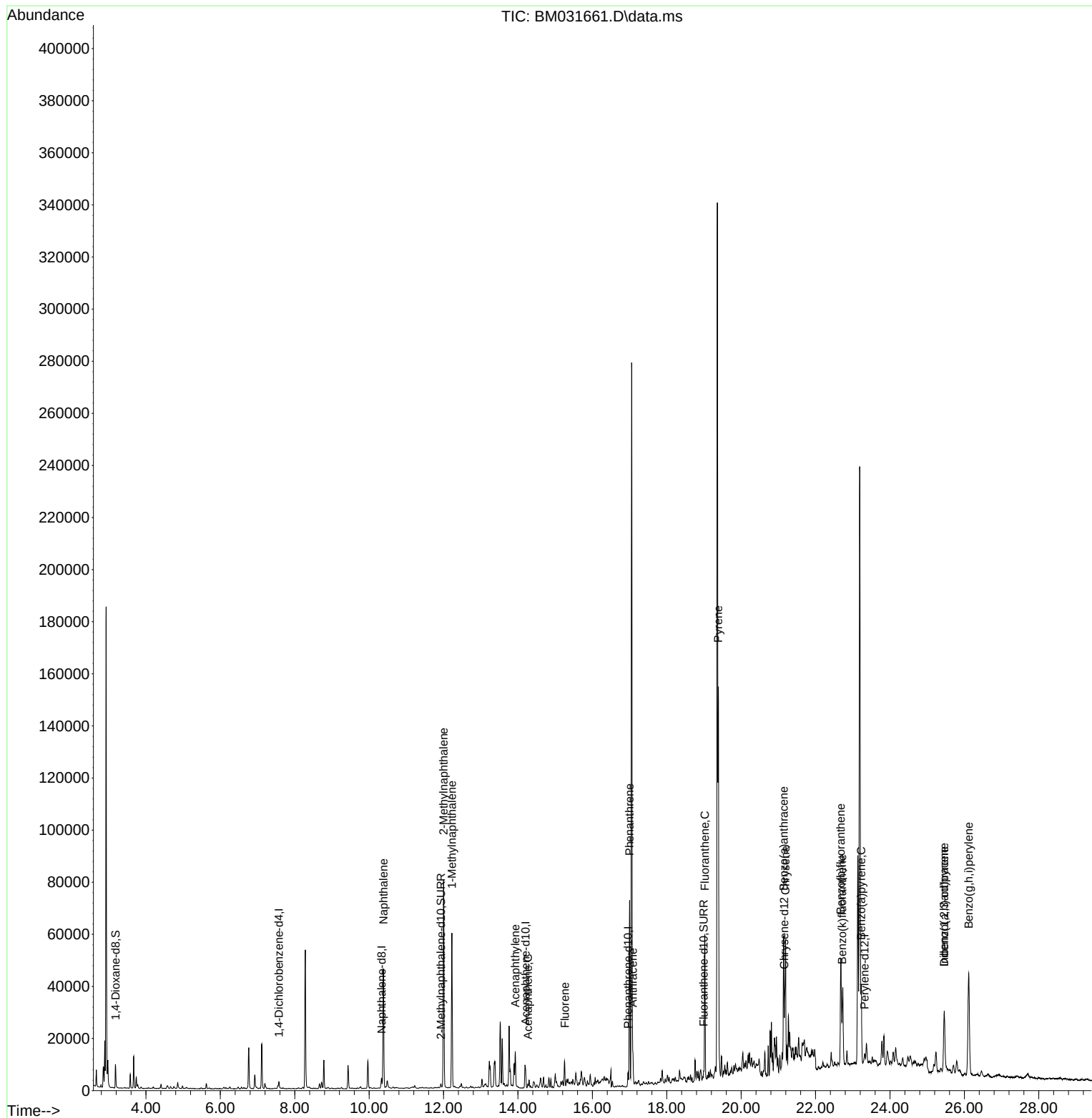
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
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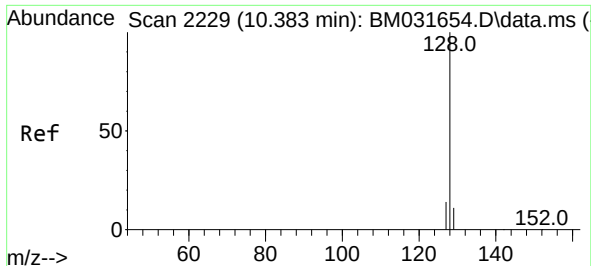
Instrument :
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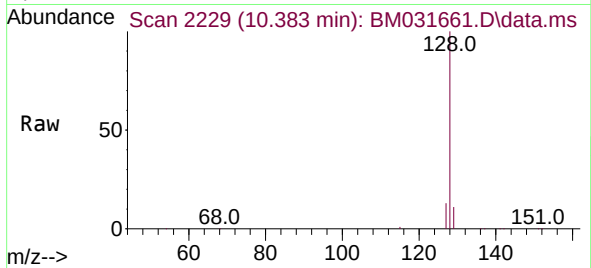
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Quant Time: Aug 11 16:23:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

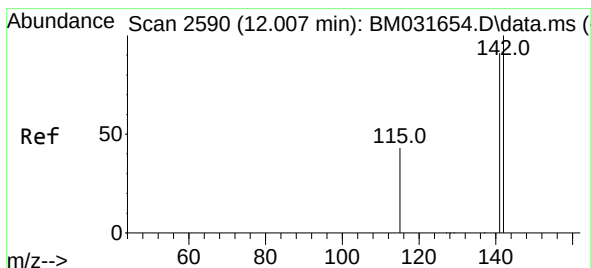
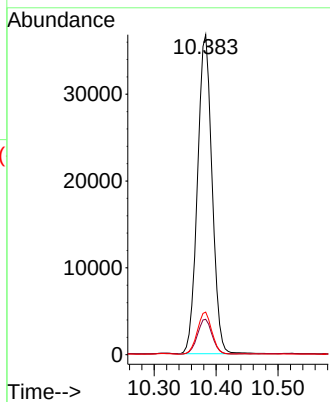
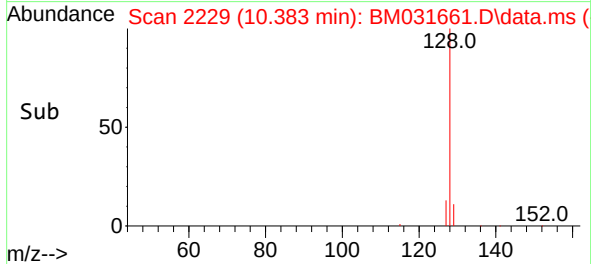




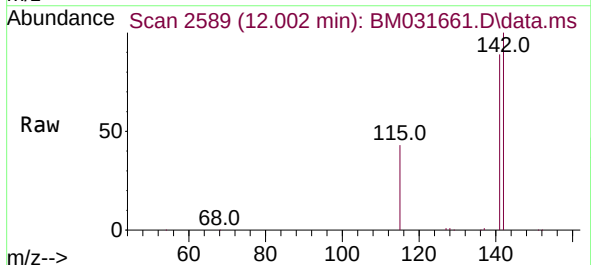
#5
Naphthalene
Concen: 4.112 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



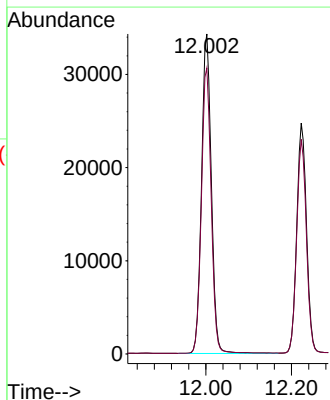
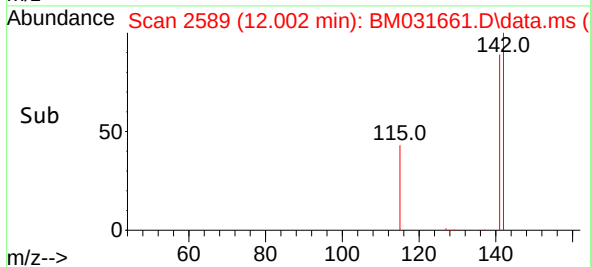
Tgt Ion:128 Resp: 60050
Ion Ratio Lower Upper
128 100
129 11.1 10.0 15.0
127 13.3 11.6 17.4



#7
2-Methylnaphthalene
Concen: 5.455 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



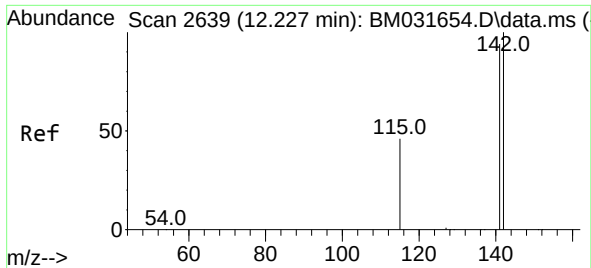
Tgt Ion:142 Resp: 54426
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



Instrument :
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ClientSampleId :
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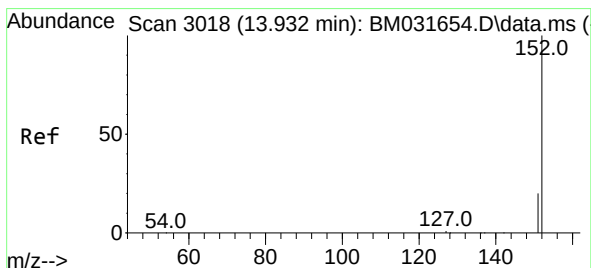
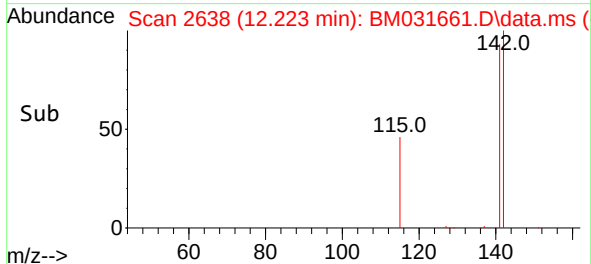
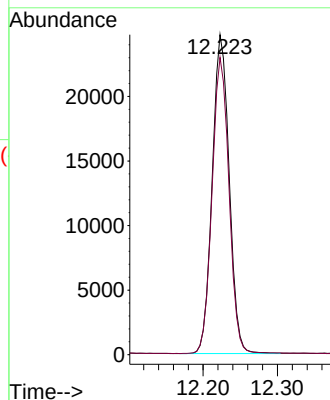
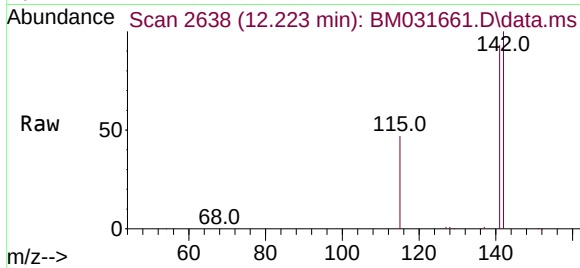
#8
1-Methylnaphthalene
Concen: 3.963 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion:142 Resp: 39068
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0AA6

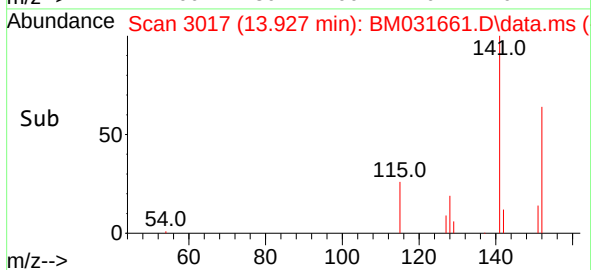
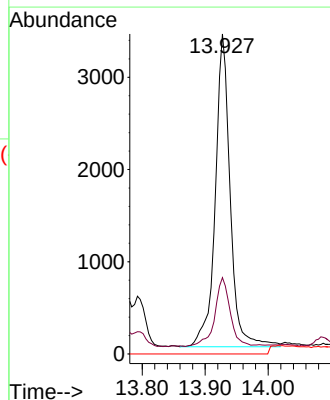
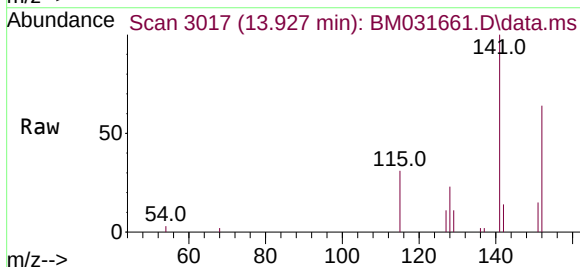
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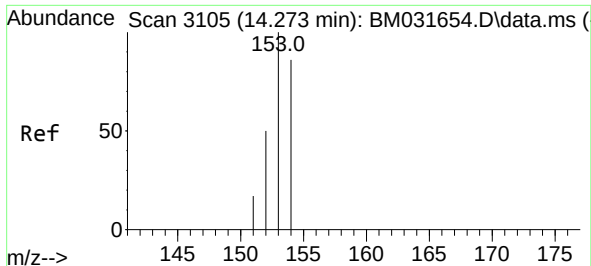
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#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion:152 Resp: 5499
Ion Ratio Lower Upper
152 100
151 23.9 16.9 25.3
153 0.0 0.0 0.0





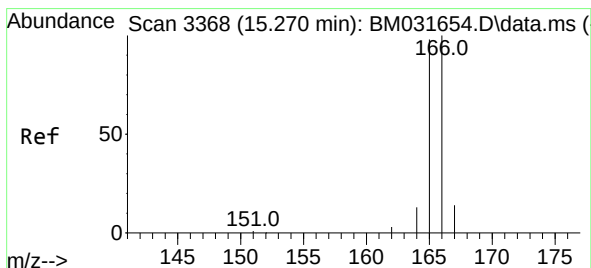
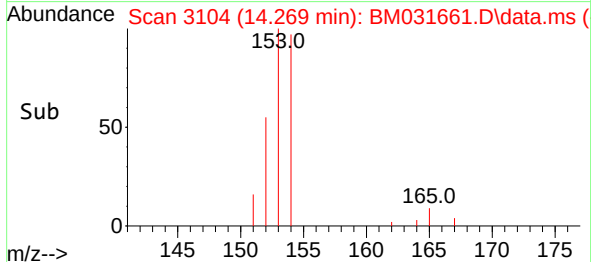
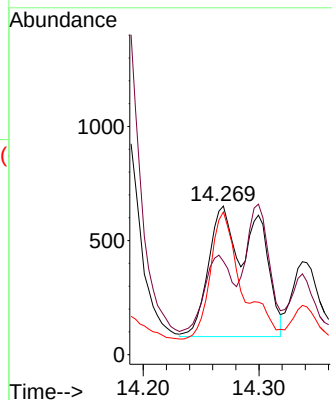
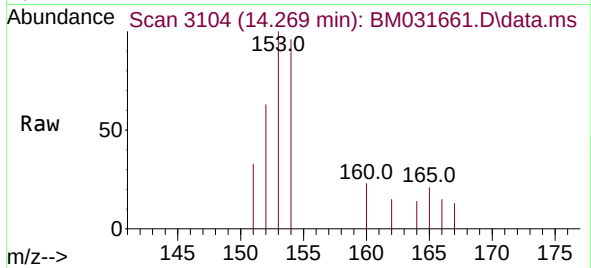
#11
Acenaphthene
Concen: 0.137 ng/ul m
RT: 14.269 min Scan# 3104
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion:153 Resp: 1640
Ion Ratio Lower Upper
153 100
152 62.8 40.7 61.1#
154 96.0 70.2 105.2

Instrument :
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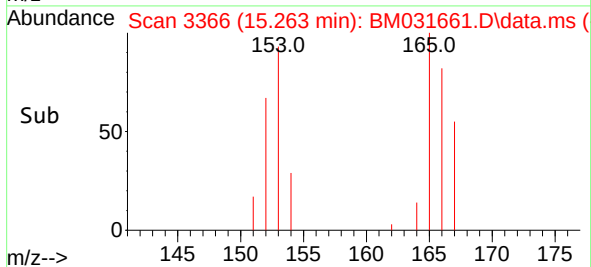
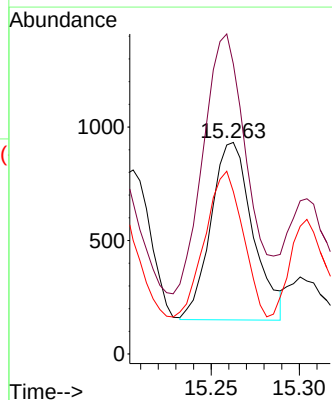
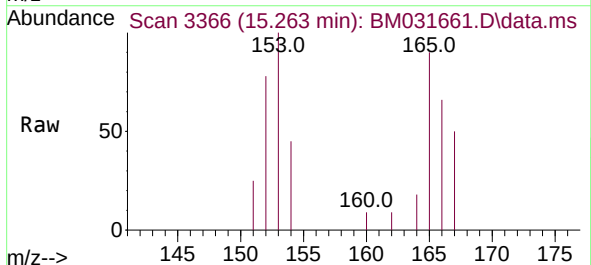
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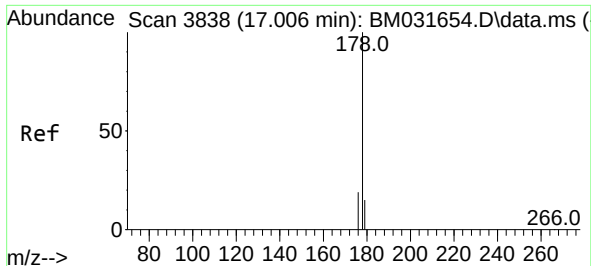
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#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

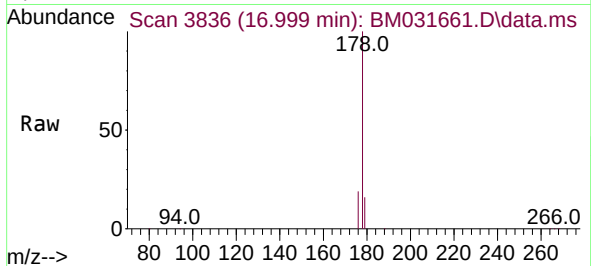
Tgt Ion:166 Resp: 1295
Ion Ratio Lower Upper
166 100
165 137.1 78.0 117.0#
167 76.8 12.0 18.0#





#15
Phenanthrene
Concen: 4.078 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.007 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

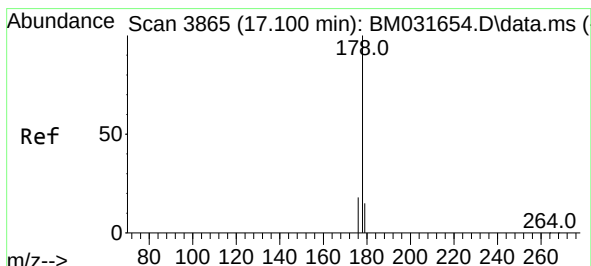
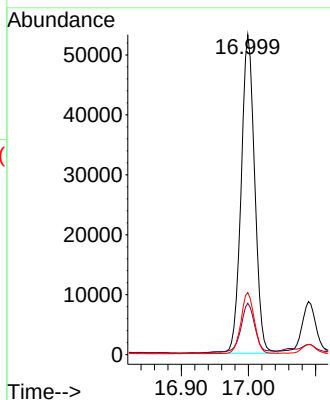
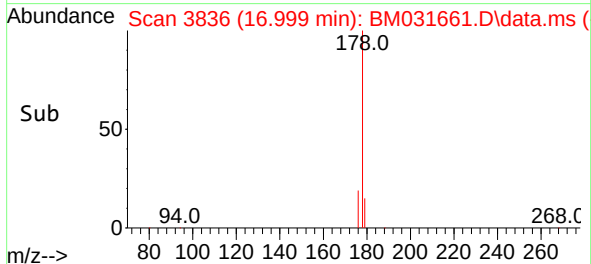
Instrument :
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ClientSampleId :
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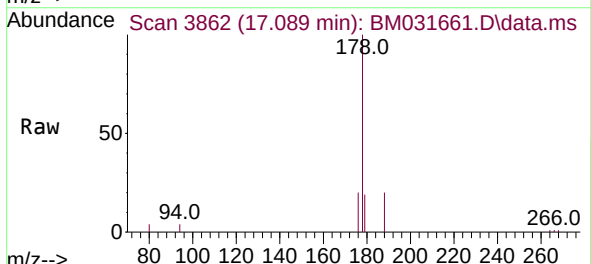
Tgt Ion:178 Resp: 74490
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.4 16.2 24.4

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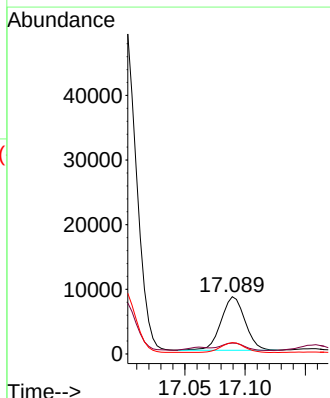
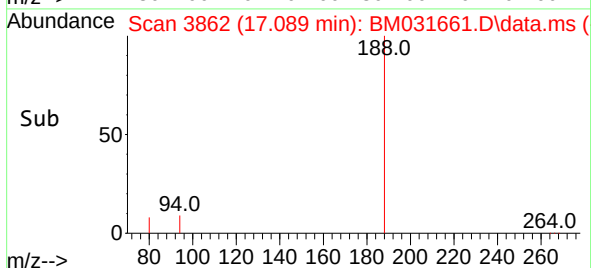
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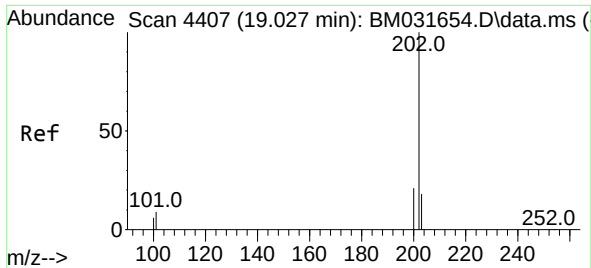


#16
Anthracene
Concen: 0.669 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.010 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



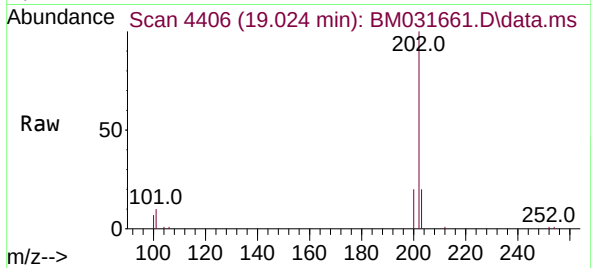
Tgt Ion:178 Resp: 11444
Ion Ratio Lower Upper
178 100
179 19.1 13.0 19.6
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 2.382 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

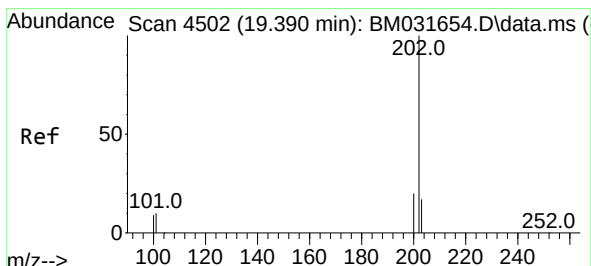
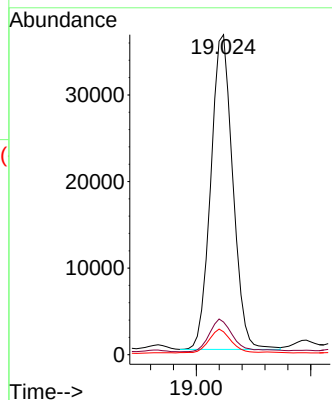
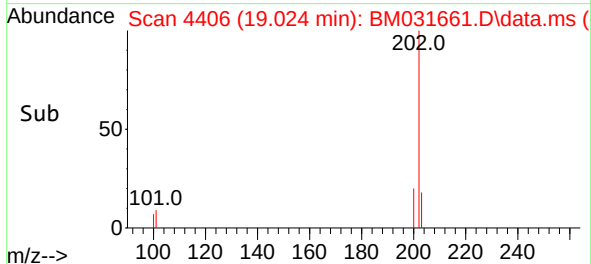
Instrument :
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ClientSampleId :
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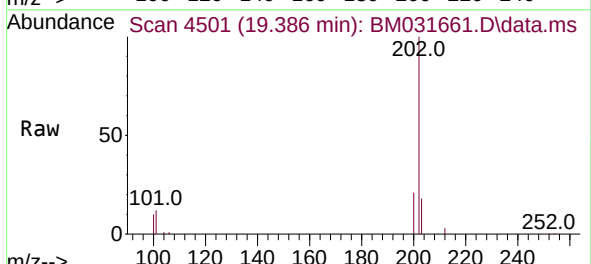
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	7.1	5.4	8.0

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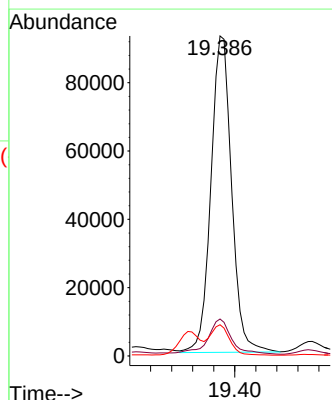
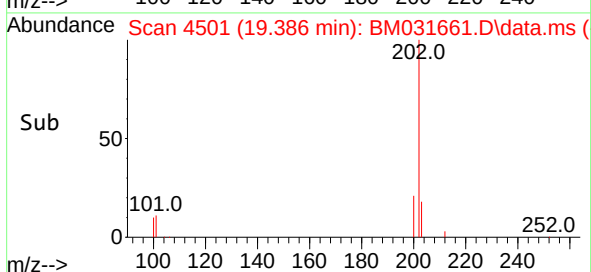
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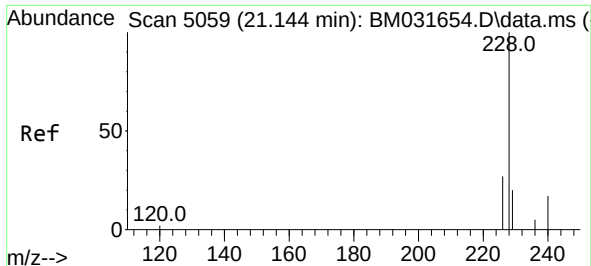


#20
Pyrene
Concen: 6.137 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.8	11.6
100	9.7	6.6	10.0





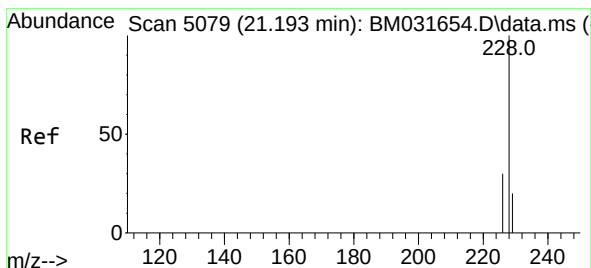
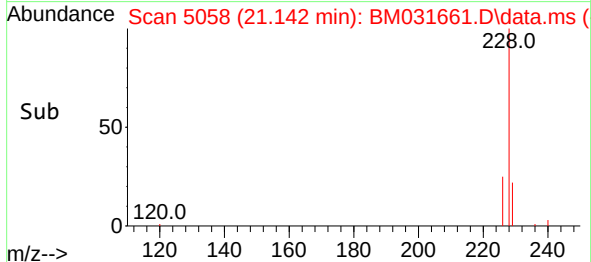
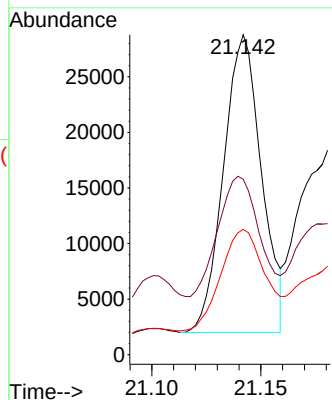
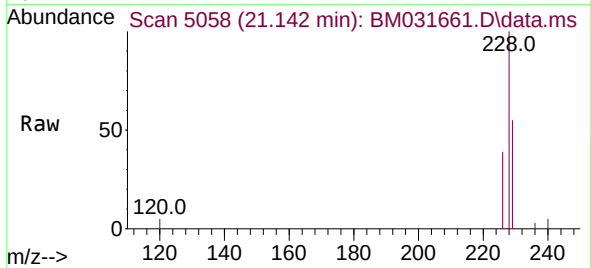
#21
Benzo(a)anthracene
Concen: 1.683 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.002 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion:228 Resp: 32441
Ion Ratio Lower Upper
228 100
229 54.8 15.6 23.4#
226 39.1 21.7 32.5#

Instrument :
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C0AA6

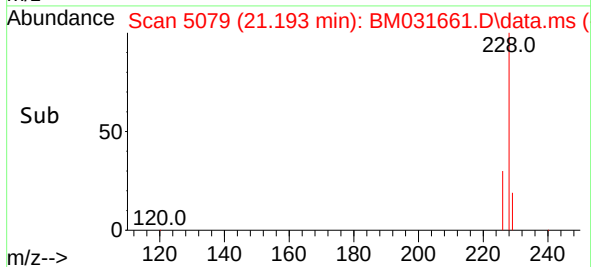
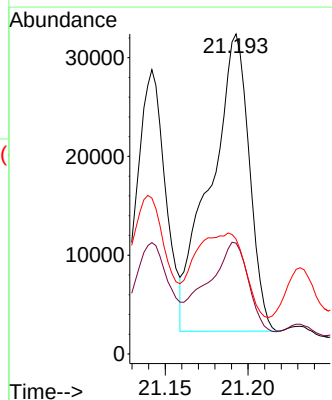
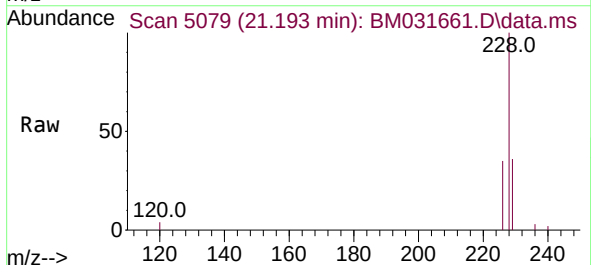
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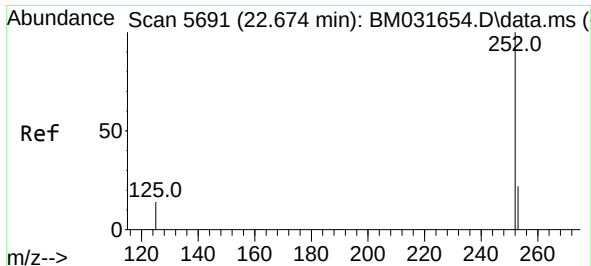
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#22
Chrysene
Concen: 2.448 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. 0.000 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion:228 Resp: 48828
Ion Ratio Lower Upper
228 100
226 34.7 24.7 37.1
229 35.9 16.2 24.2#





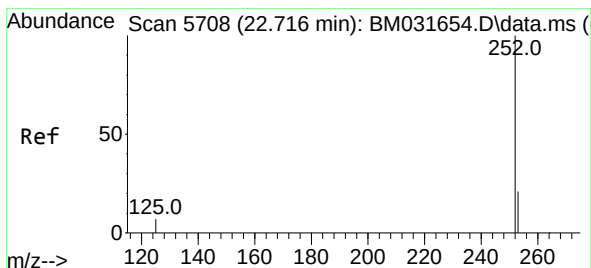
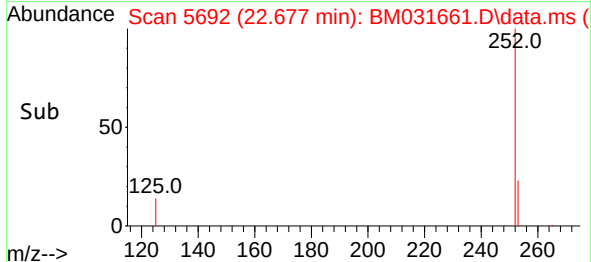
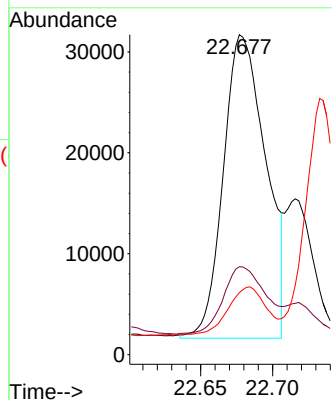
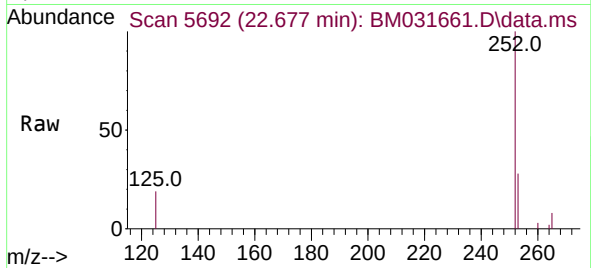
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Benzo(b)fluoranthene
Concen: 3.001 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. 0.003 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	53.0
125	19.4	0.0	22.8

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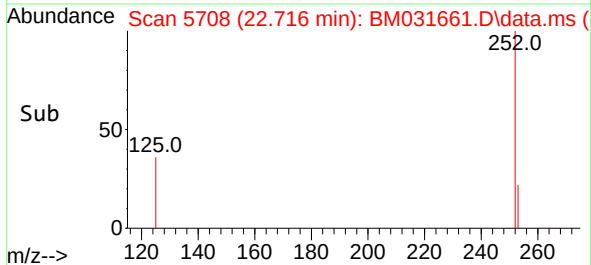
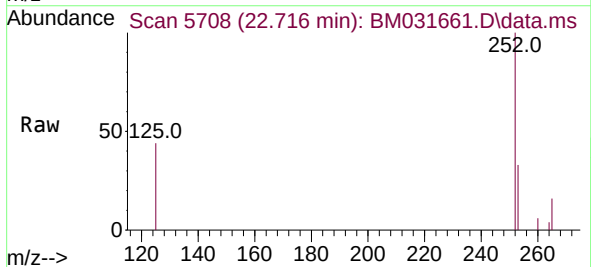
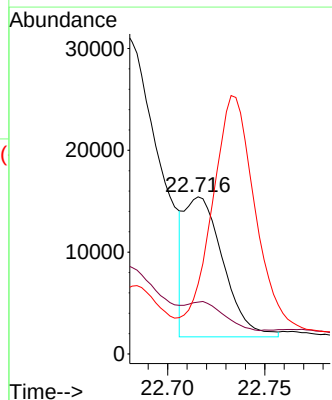
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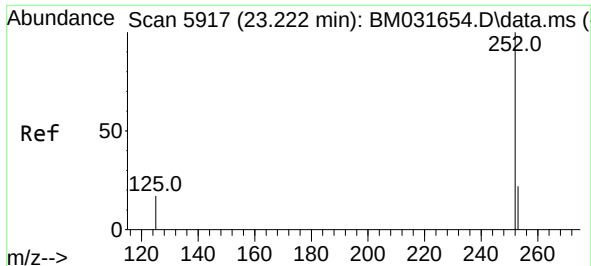
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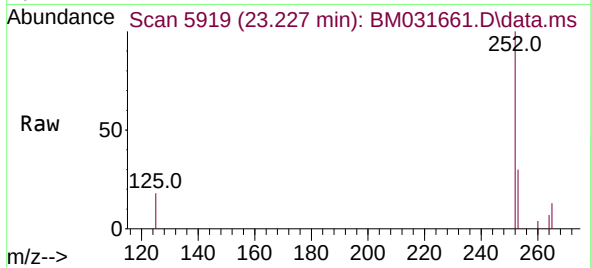
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Benzo(k)fluoranthene
Concen: 0.896 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. 0.000 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	21.3	31.9#
125	44.5	8.8	13.2#

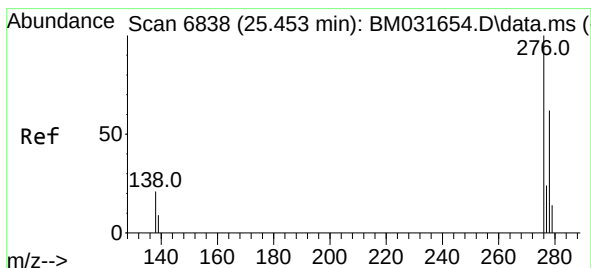
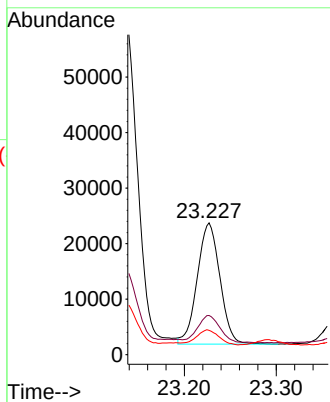
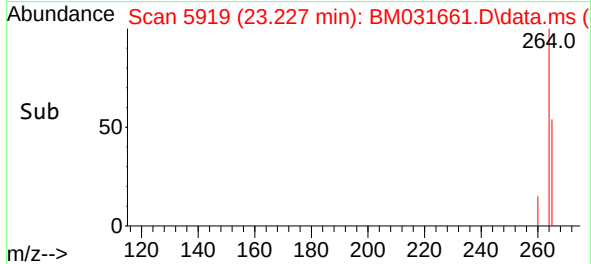




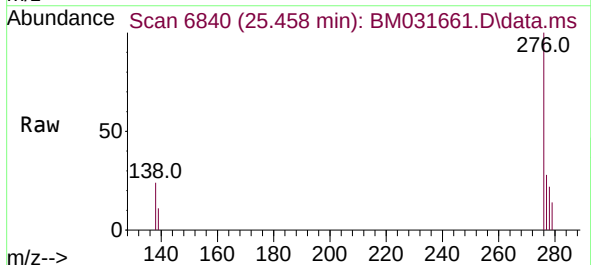
#26
Benzo(a)pyrene
Concen: 2.082 ng/ul
RT: 23.227 min Scan# 5919
Delta R.T. 0.005 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



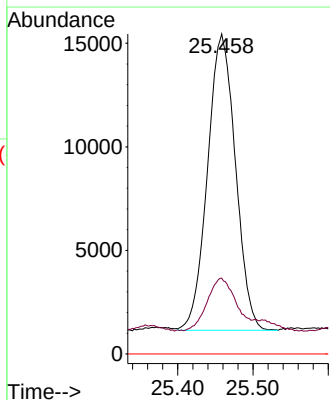
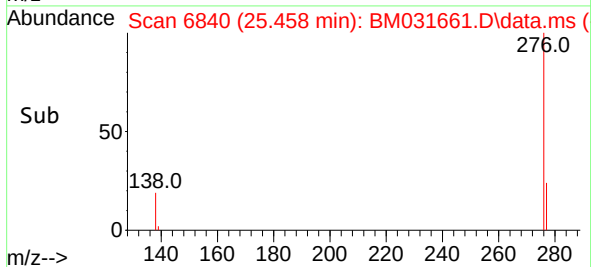
Tgt Ion:252 Resp: 37464
Ion Ratio Lower Upper
252 100
253 29.7 22.4 33.6
125 18.5 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.588 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. 0.005 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



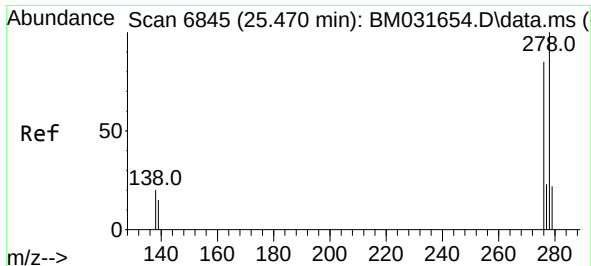
Tgt Ion:276 Resp: 36935
Ion Ratio Lower Upper
276 100
138 21.4 15.8 23.8
227 0.0 0.0 0.0



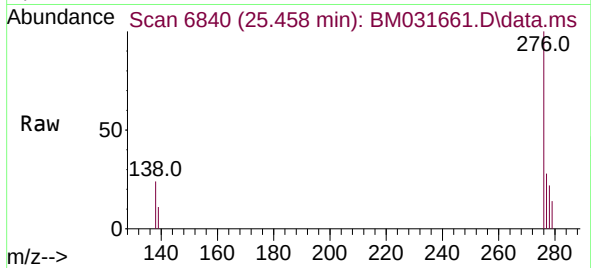
Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations
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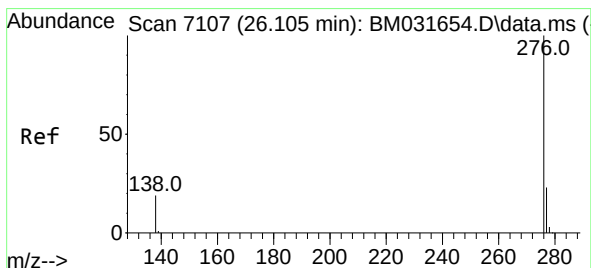
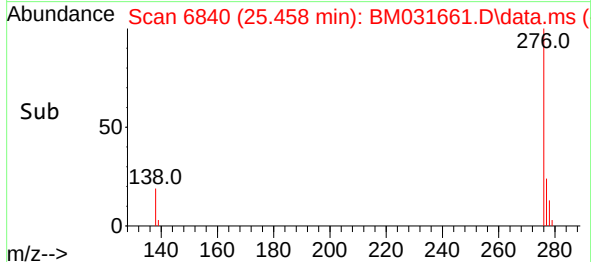
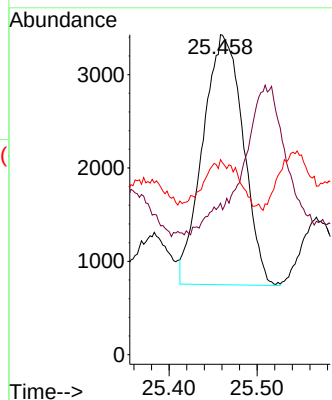
mohammad
8/12/2021 1:35:56 PM



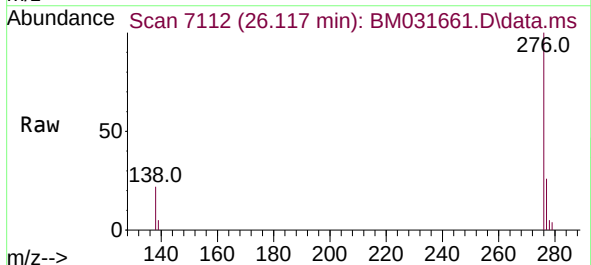
#28
Dibenzo(a,h)anthracene
Concen: 0.454 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.012 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



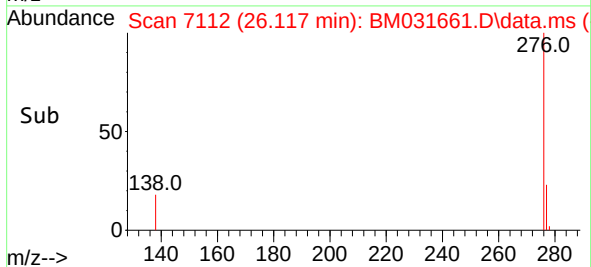
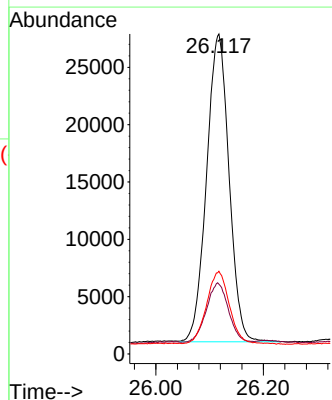
Tgt Ion: 278 Resp: 8518
Ion Ratio Lower Upper
278 100
139 47.3 13.3 19.9#
279 61.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 3.921 ng/ul
RT: 26.117 min Scan# 7112
Delta R.T. 0.012 min
Lab File: BM031661.D
Acq: 11 Aug 2021 15:38



Tgt Ion: 276 Resp: 77814
Ion Ratio Lower Upper
276 100
138 21.8 15.4 23.2
277 25.9 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0AA6

Manual Integrations
APPROVED

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