

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031675.D
 Acq On : 12 Aug 2021 13:45
 Operator : CG/JU
 Sample : M3182-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D8

Manual Integrations
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mohammad
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Quant Time: Aug 12 14:18:46 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 : Thu Aug 12 11:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	4445	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.204	164	2697	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	4789	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.158	240	3884	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4101	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3082	2.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1313	0.175	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	2737	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.378	128	22493	1.699	ng/ul	97
7) 2-Methylnaphthalene	12.001	142	13836	1.530	ng/ul	100
8) 1-Methylnaphthalene	12.222	142	10053	1.125	ng/ul	100
10) Acenaphthylene	13.926	152	68846	5.993	ng/ul	97
11) Acenaphthene	14.269	153	7840	0.811	ng/ul	99
12) Fluorene	15.262	166	84492	7.594	ng/ul	99
15) Phenanthrene	16.999	178	938886	61.740	ng/ul	97
16) Anthracene	17.089	178	177377	12.458	ng/ul	98
19) Fluoranthene	19.023	202	1249755	75.355	ng/ul	96
20) Pyrene	19.389	202	902654	53.660	ng/ul	97
21) Benzo(a)anthracene	21.142	228	393265	25.075	ng/ul	97
22) Chrysene	21.195	228	342558	21.111	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	414098m	22.411	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	146698m	7.684	ng/ul	
26) Benzo(a)pyrene	23.222	252	277334m	17.139	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.448	276	176289	8.428	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	42837	2.541	ng/ul	99
29) Benzo(g,h,i)perylene	26.098	276	60776	3.406	ng/ul	99

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

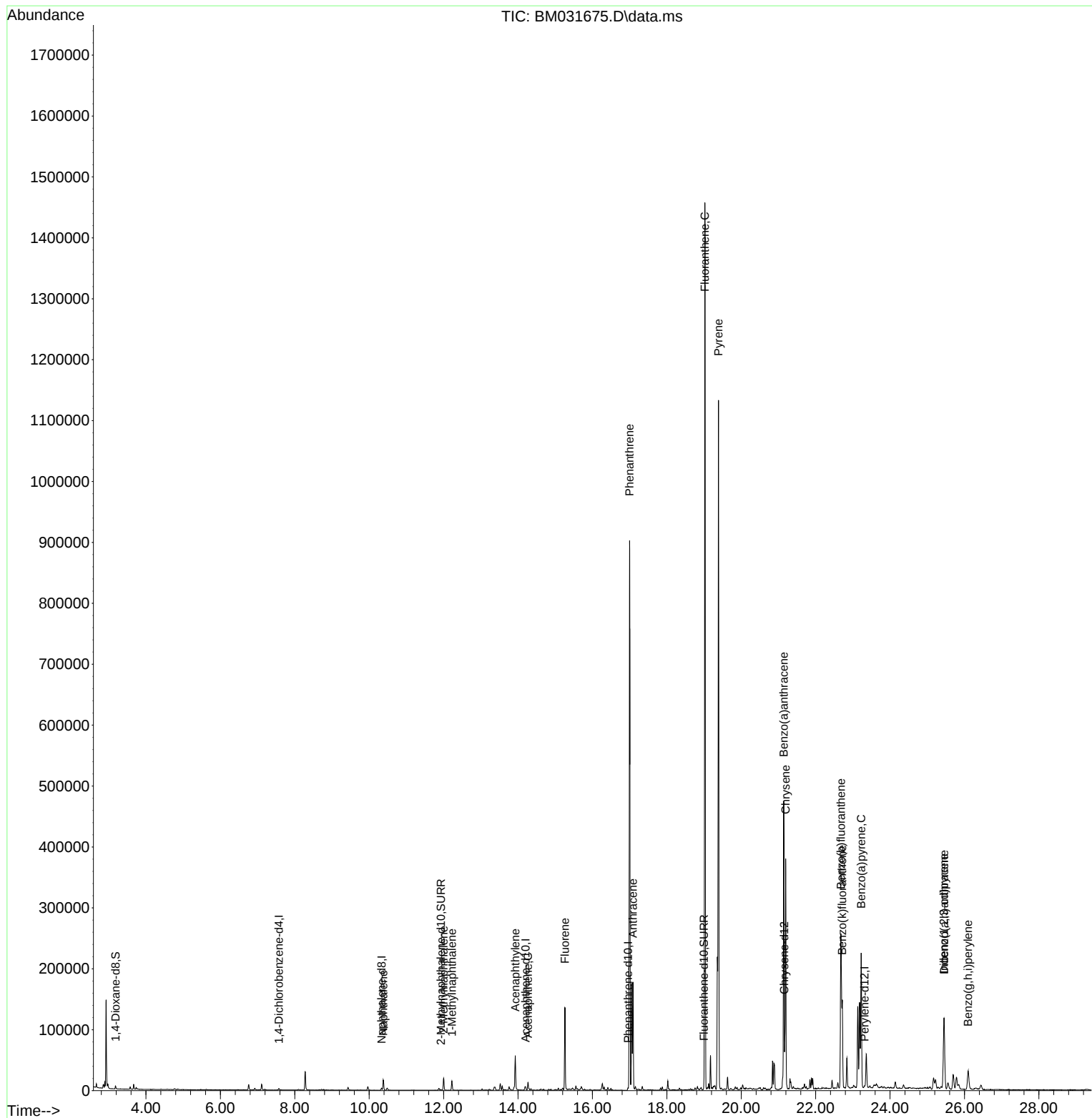
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031675.D
Acq On : 12 Aug 2021 13:45
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

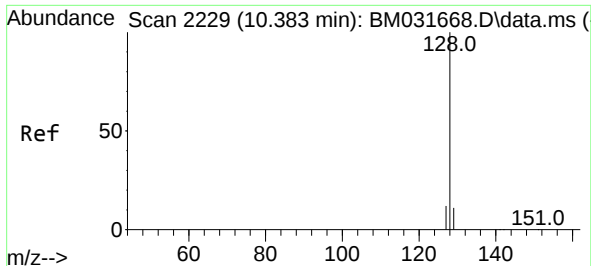
Instrument :
BNA_M
ClientSampleId :
C00D8

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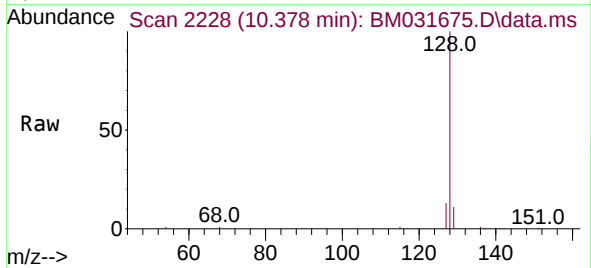
Quant Time: Aug 12 14:18:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.699 ng/ul
RT: 10.378 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

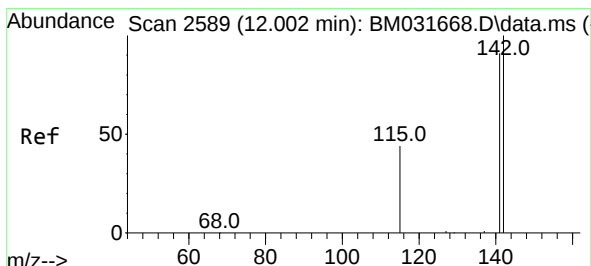
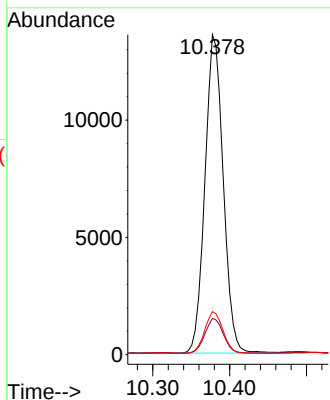
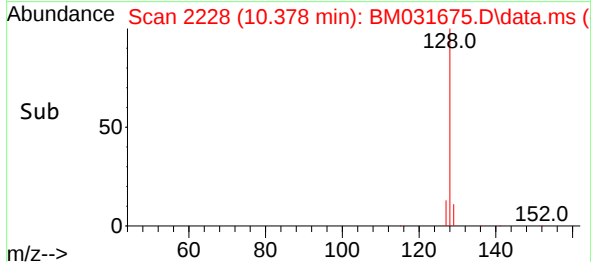
Instrument :
BNA_M
ClientSampled :
C00D8



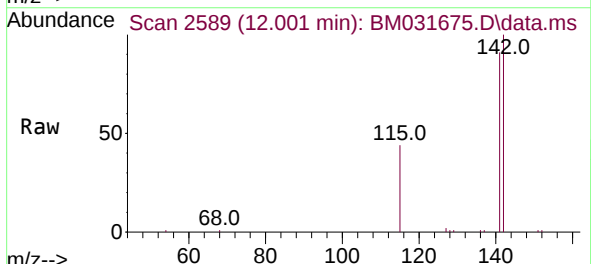
Tgt Ion:128 Resp: 22493
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.4 11.6 17.4

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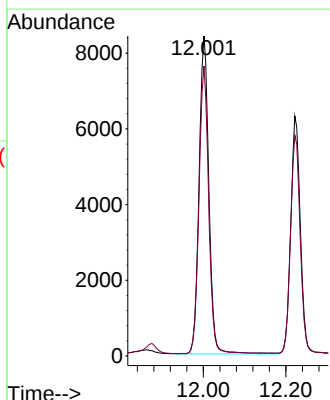
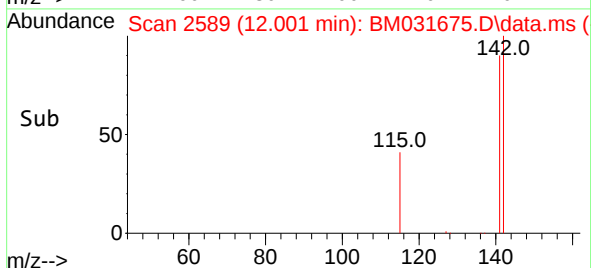
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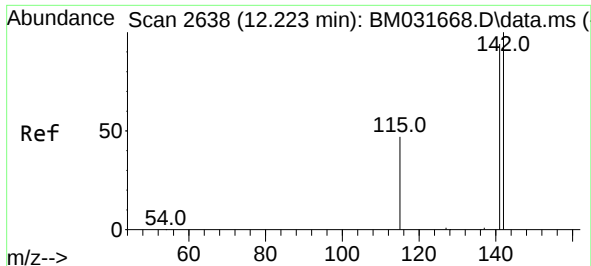


#7
2-Methylnaphthalene
Concen: 1.530 ng/ul
RT: 12.001 min Scan# 2589
Delta R.T. -0.001 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



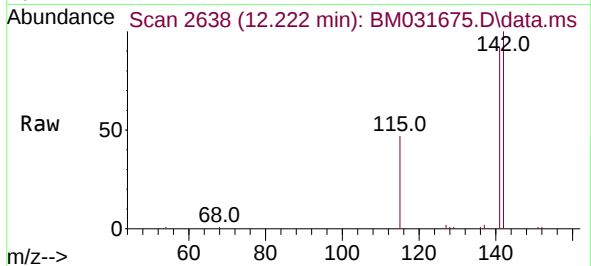
Tgt Ion:142 Resp: 13836
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.125 ng/ul
RT: 12.222 min Scan# 2638
Delta R.T. -0.001 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

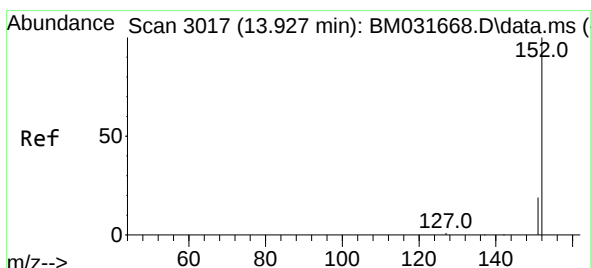
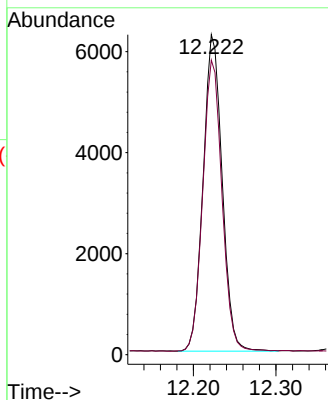
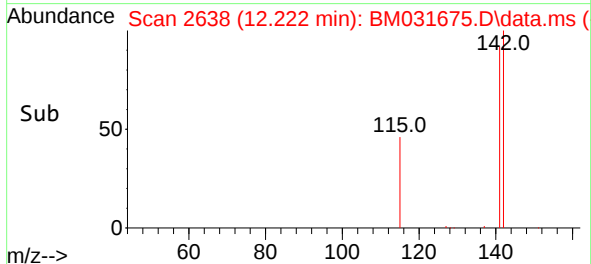
Instrument :
BNA_M
ClientSampled :
C00D8



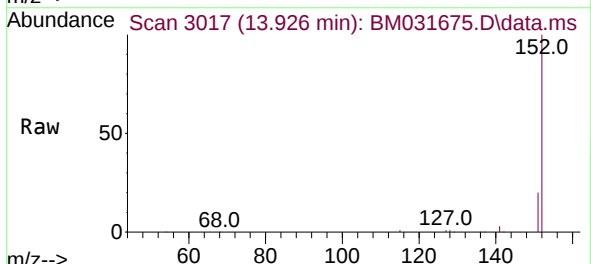
Tgt Ion:142 Resp: 10053
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

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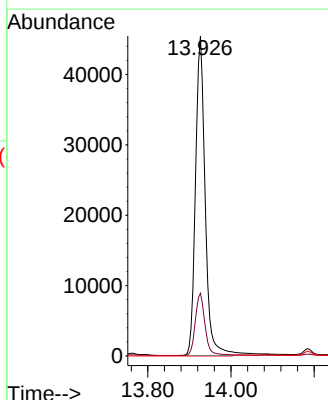
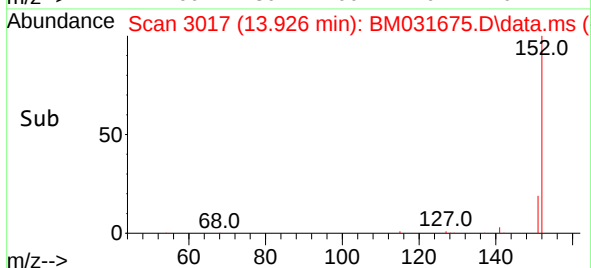
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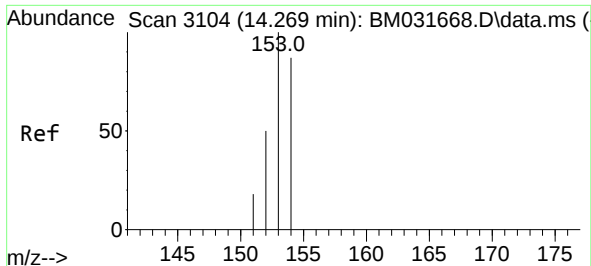


#10
Acenaphthylene
Concen: 5.993 ng/ul
RT: 13.926 min Scan# 3017
Delta R.T. -0.001 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



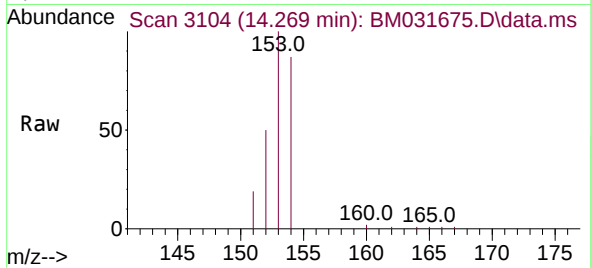
Tgt Ion:152 Resp: 68846
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.811 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

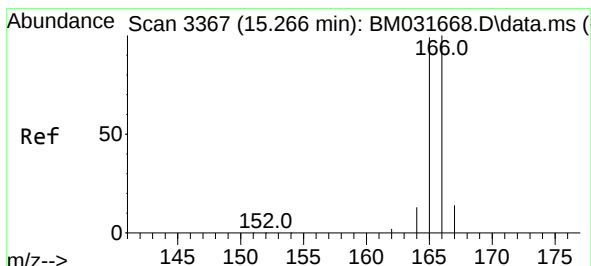
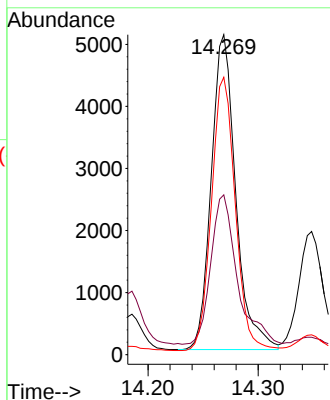
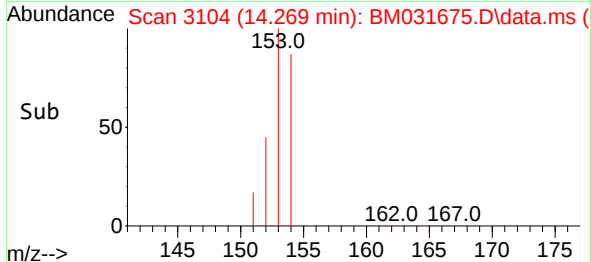
Instrument :
BNA_M
ClientSampled :
C00D8



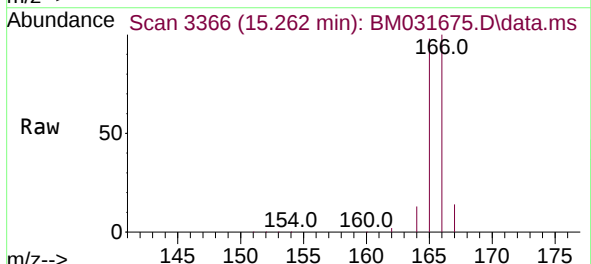
Tgt Ion:153 Resp: 7840
Ion Ratio Lower Upper
153 100
152 49.9 40.7 61.1
154 86.7 70.2 105.2

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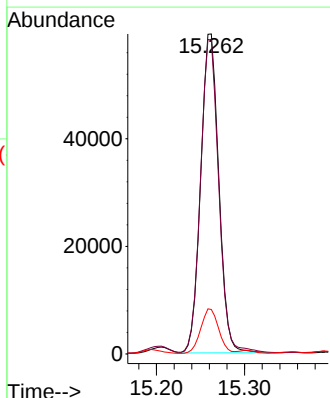
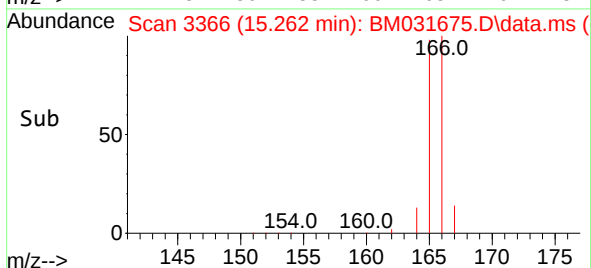
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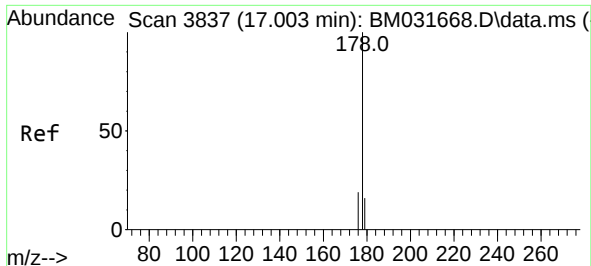


#12
Fluorene
Concen: 7.594 ng/ul
RT: 15.262 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



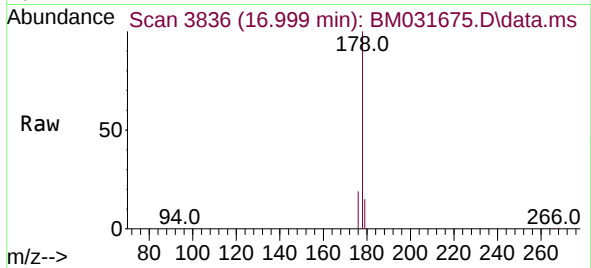
Tgt Ion:166 Resp: 84492
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.9 12.0 18.0





#15
Phenanthrene
Concen: 61.740 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.004 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

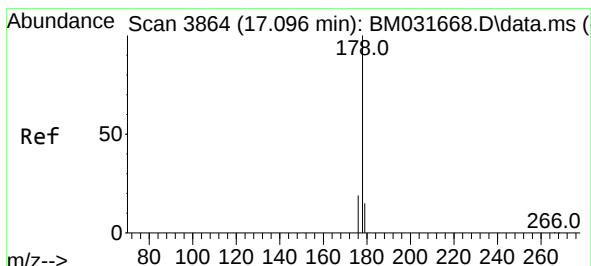
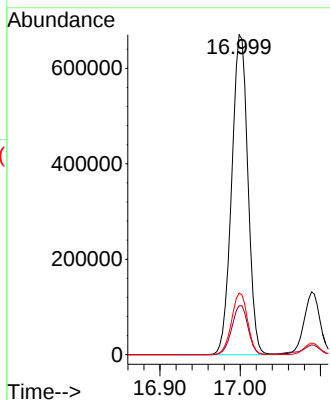
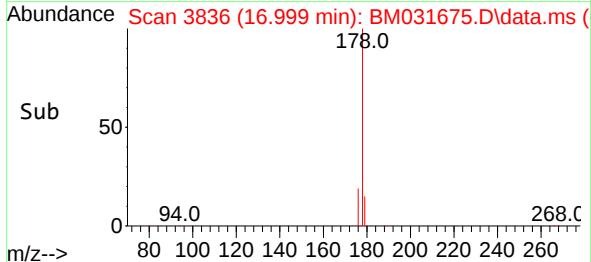
Instrument :
BNA_M
ClientSampled :
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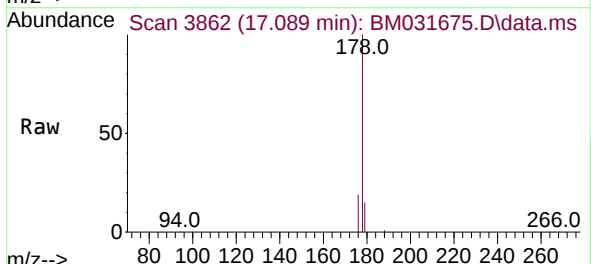
Tgt Ion:178 Resp: 938886
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.3 16.2 24.4

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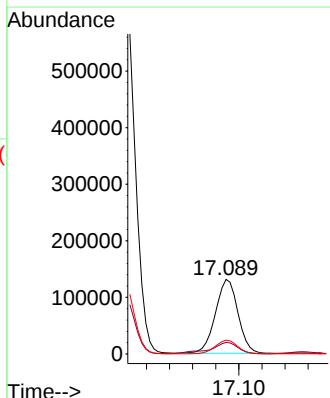
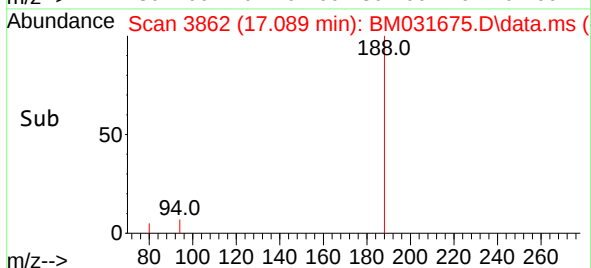
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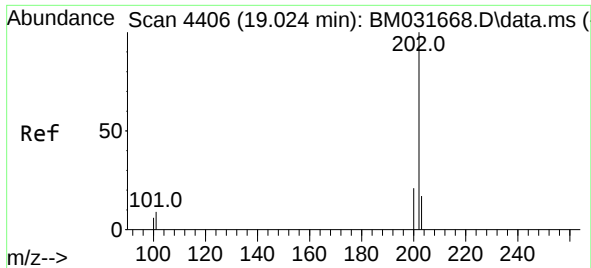


#16
Anthracene
Concen: 12.458 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



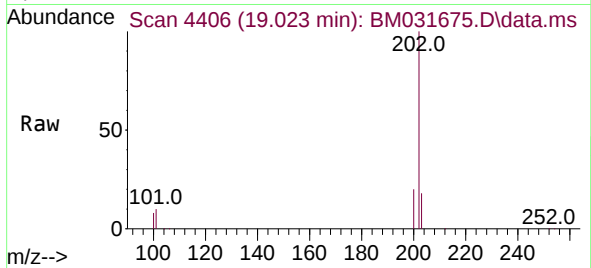
Tgt Ion:178 Resp: 177377
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 18.5 15.6 23.4





#19
Fluoranthene
Concen: 75.355 ng/u1
RT: 19.023 min Scan# 4406
Delta R.T. -0.000 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

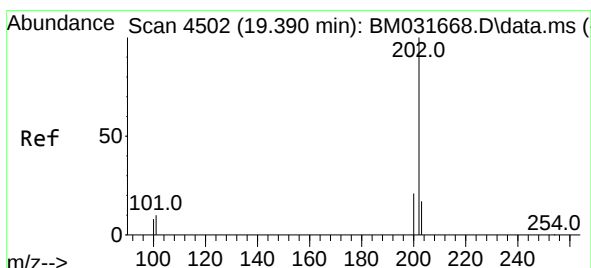
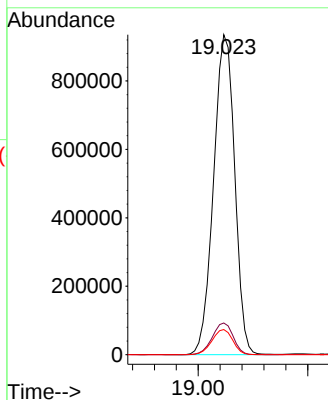
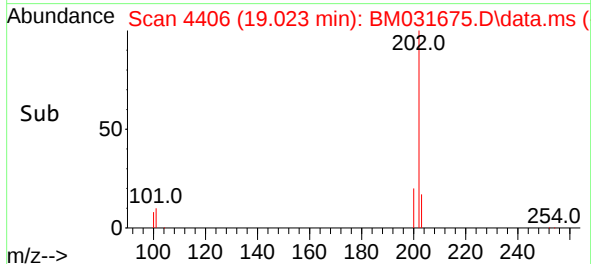
Instrument :
BNA_M
ClientSampled :
C00D8



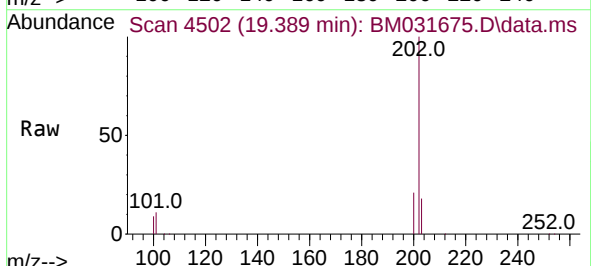
Tgt Ion:202 Resp: 1249755
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 7.9 5.4 8.0

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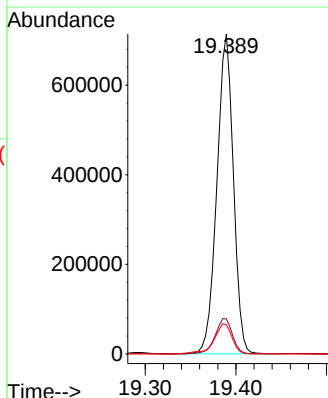
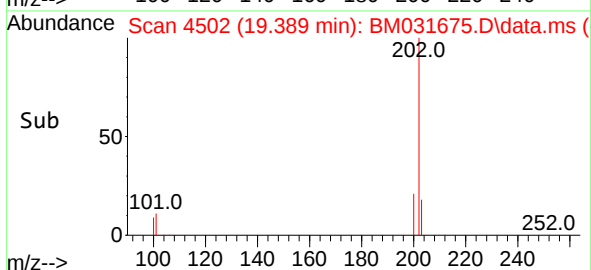
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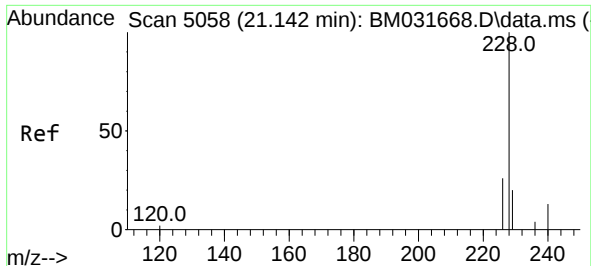


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Pyrene
Concen: 53.660 ng/u1
RT: 19.389 min Scan# 4502
Delta R.T. -0.000 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

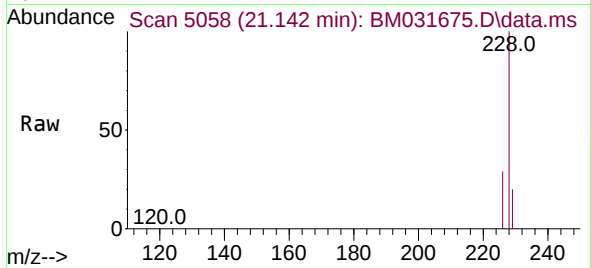


Tgt Ion:202 Resp: 902654
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.1 6.6 10.0

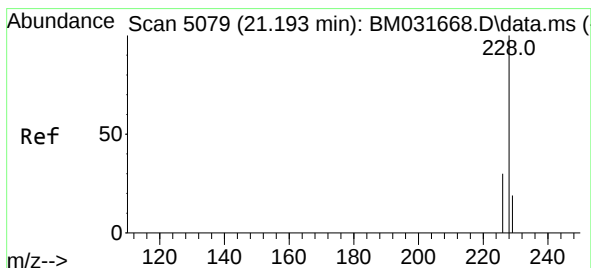
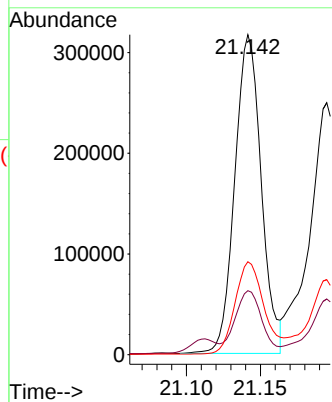
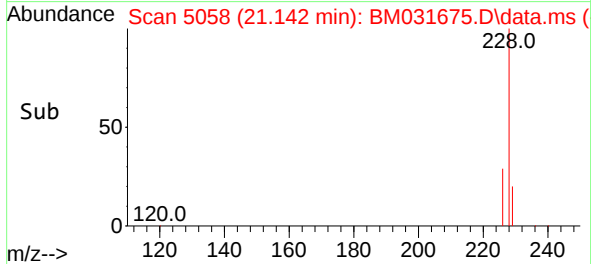




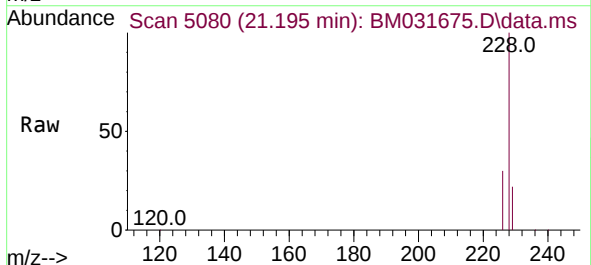
#21
Benzo(a)anthracene
Concen: 25.075 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.000 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



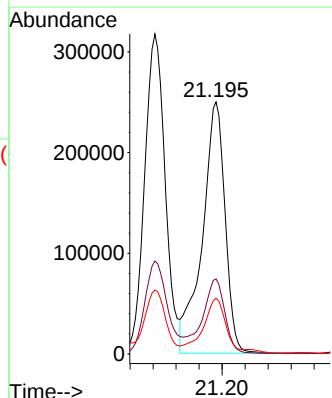
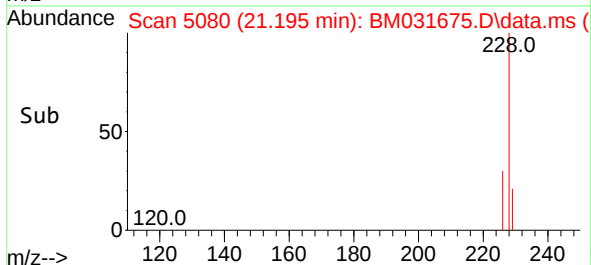
Tgt Ion:228 Resp: 393265
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 29.1 21.7 32.5



#22
Chrysene
Concen: 21.111 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. 0.002 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



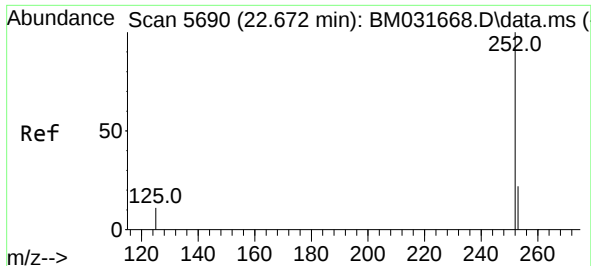
Tgt Ion:228 Resp: 342558
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.1 16.2 24.2



Instrument :
BNA_M
ClientSampled :
C00D8

Manual Integrations
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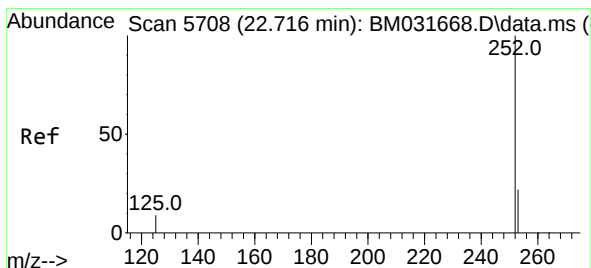
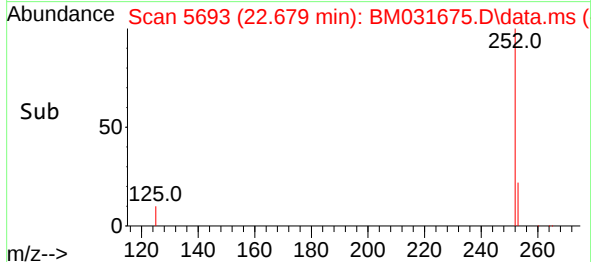
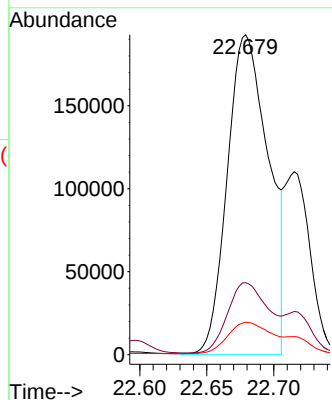
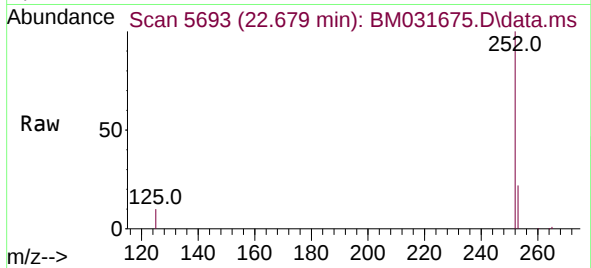
#24
Benzo(b)fluoranthene
Concen: 22.411 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. 0.007 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

Tgt Ion:252 Resp: 414098
Ion Ratio Lower Upper
252 100
253 22.5 0.0 53.0
125 10.2 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00D8

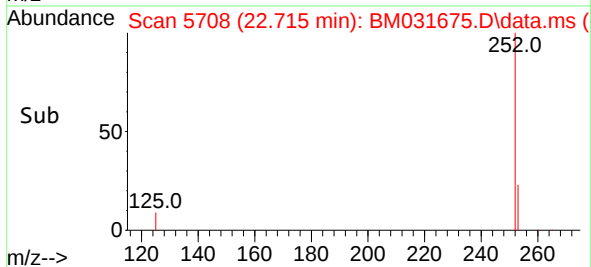
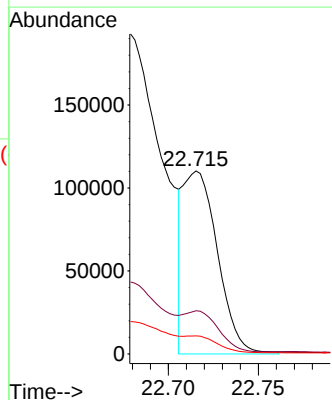
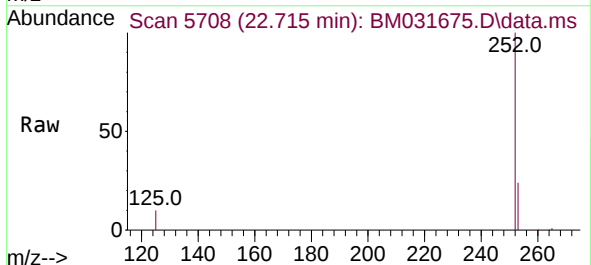
Manual Integrations
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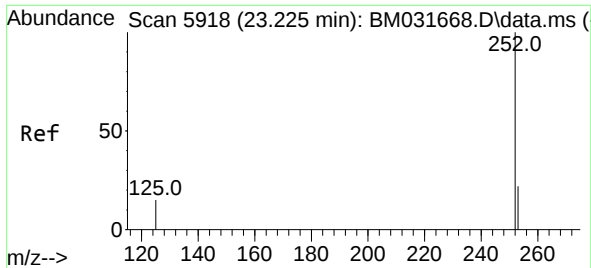
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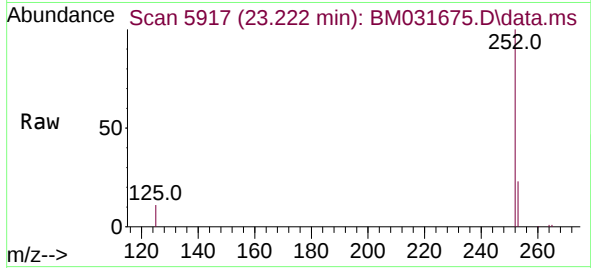
#25
Benzo(k)fluoranthene
Concen: 7.684 ng/ul m
RT: 22.715 min Scan# 5708
Delta R.T. -0.000 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45

Tgt Ion:252 Resp: 146698
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 9.9 8.8 13.2

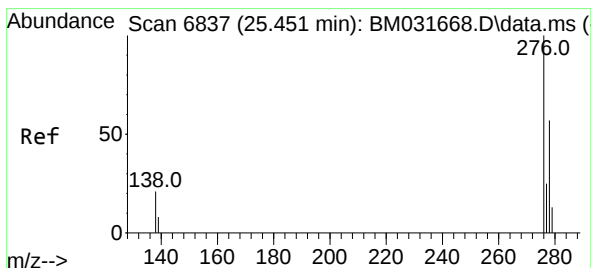
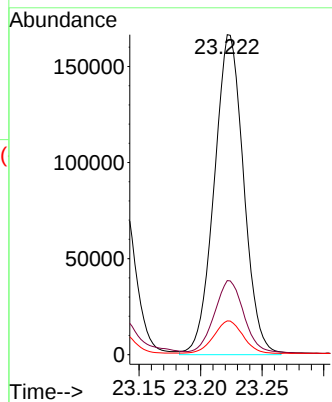
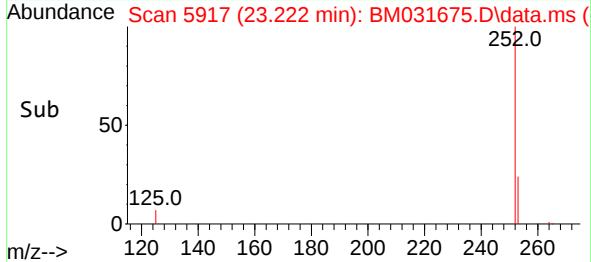




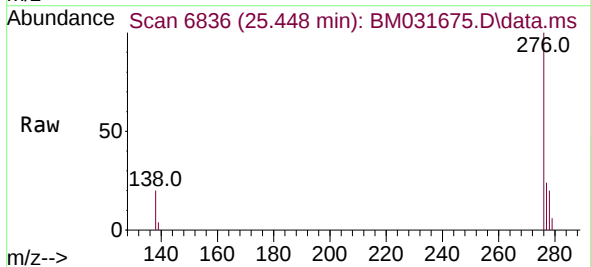
#26
Benzo(a)pyrene
Concen: 17.139 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



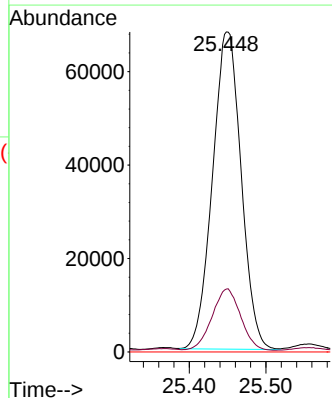
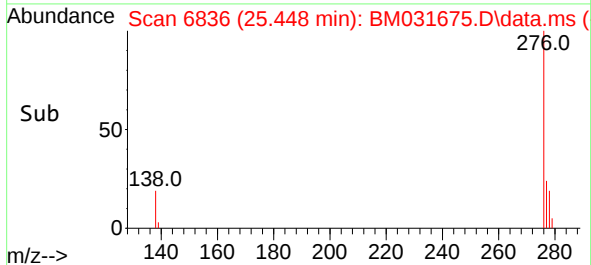
Tgt Ion:252 Resp: 277334
Ion Ratio Lower Upper
252 100
253 23.2 22.4 33.6
125 10.6 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.428 ng/ul
RT: 25.448 min Scan# 6836
Delta R.T. -0.003 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



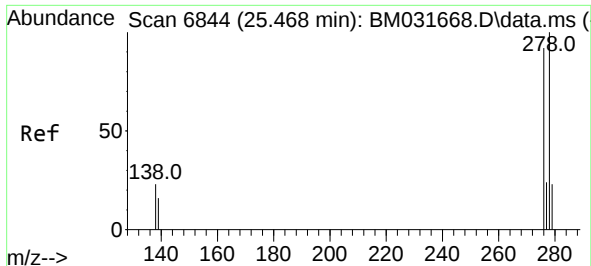
Tgt Ion:276 Resp: 176289
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0



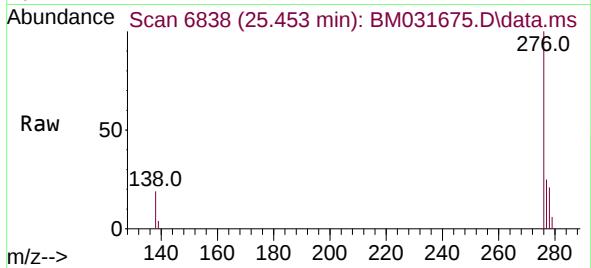
Instrument :
BNA_M
ClientSampled :
C00D8

Manual Integrations
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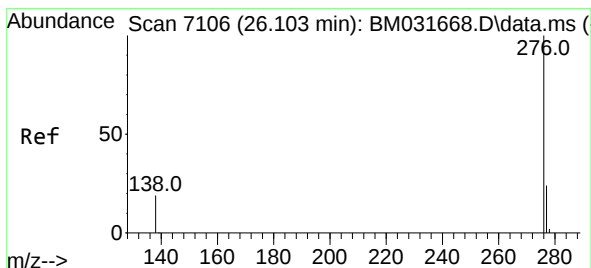
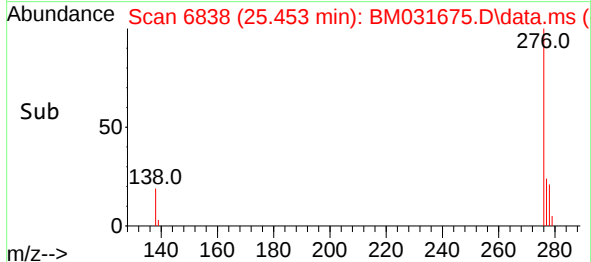
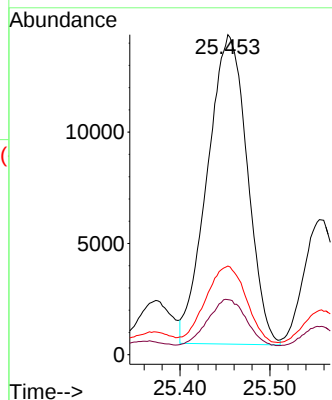
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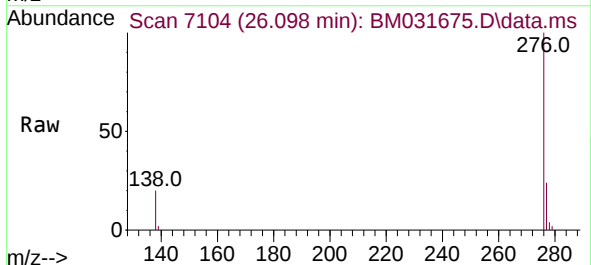
#28
Dibenzo(a,h)anthracene
Concen: 2.541 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.015 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



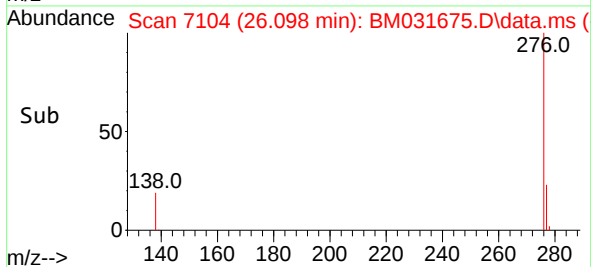
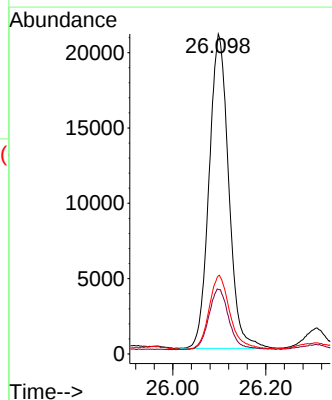
Tgt Ion:278 Resp: 42837
Ion Ratio Lower Upper
278 100
139 17.2 13.3 19.9
279 27.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 3.406 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.005 min
Lab File: BM031675.D
Acq: 12 Aug 2021 13:45



Tgt Ion:276 Resp: 60776
Ion Ratio Lower Upper
276 100
138 20.2 15.4 23.2
277 24.4 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00D8

Manual Integrations
APPROVED

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