

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031272.D
 Acq On : 30 Jul 2021 10:38
 Operator : CG/JU
 Sample : M3084-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0023

Manual Integrations
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Quant Time: Jul 30 11:10:31 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 : Fri Jul 30 09:57:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1634	0.40	ng/ul	0.00
4) Naphthalene-d8	10.373	136	6125	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3769	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7316	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	6116	0.40	ng/ul	0.00
23) Perylene-d12	23.345	264	5883	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.200	96	4084	2.25	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1520	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3390	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.423	128	8663	0.47	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	5531	0.44	ng/ul	100
8) 1-Methylnaphthalene	12.262	142	3749	0.30	ng/ul	98
10) Acenaphthylene	13.962	152	6855	0.43	ng/ul	99
11) Acenaphthene	14.303	153	1290	0.10	ng/ul	97
12) Fluorene	15.297	166	2058	0.13	ng/ul#	91
15) Phenanthrene	17.030	178	42056	1.81	ng/ul	98
16) Anthracene	17.120	178	10351	0.48	ng/ul	100
19) Fluoranthene	19.050	202	130905	5.01	ng/ul	98
20) Pyrene	19.412	202	109330	4.13	ng/ul	97
21) Benzo(a)anthracene	21.164	228	64831	2.63	ng/ul	97
22) Chrysene	21.217	228	65186	2.55	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	96668m	3.65	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	31495m	1.15	ng/ul	
26) Benzo(a)pyrene	23.251	252	60385m	2.60	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.490	276	40553	1.35	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.497	278	10458	0.43	ng/ul#	93
29) Benzo(g,h,i)perylene	26.149	276	33768	1.32	ng/ul	98

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

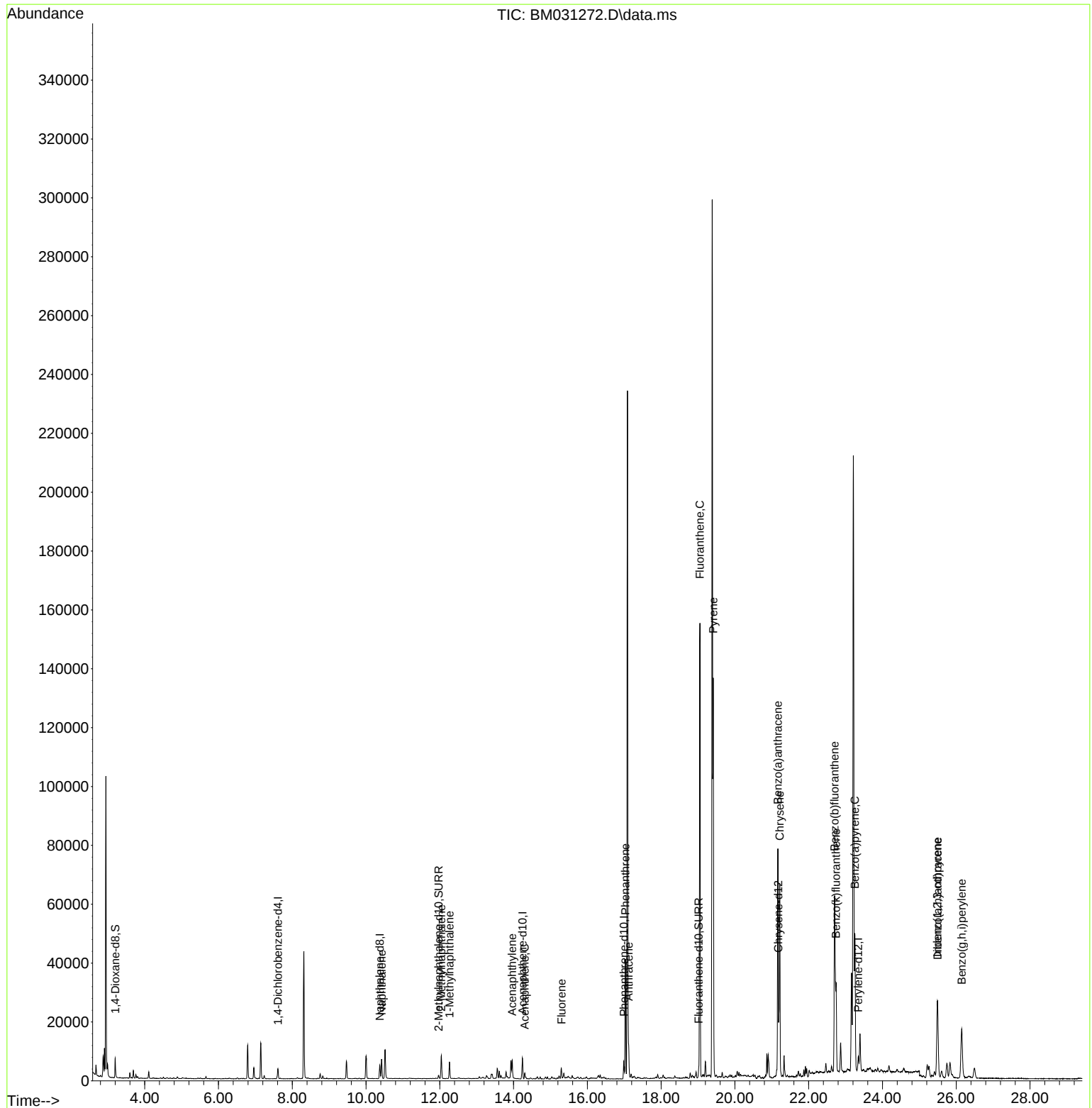
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Data File : BM031272.D
Acq On : 30 Jul 2021 10:38
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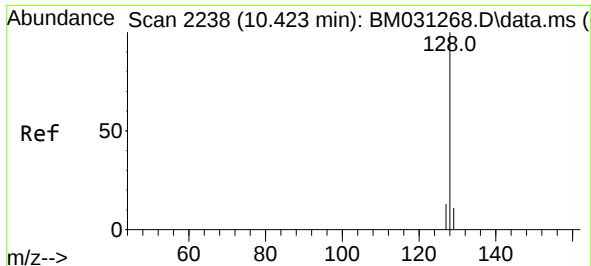
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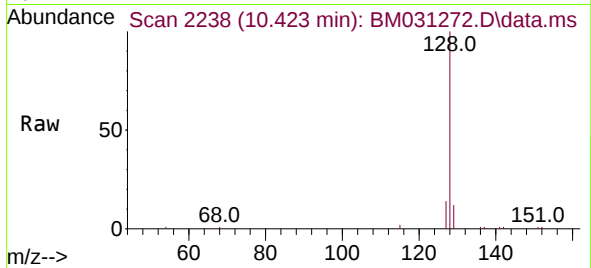
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Quant Time: Jul 30 11:10:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

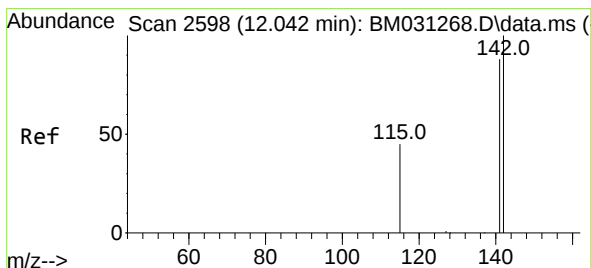
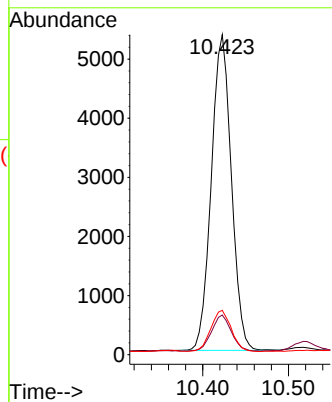
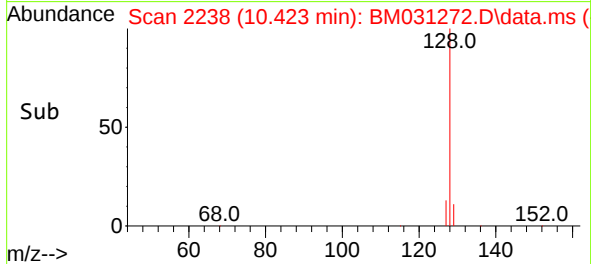




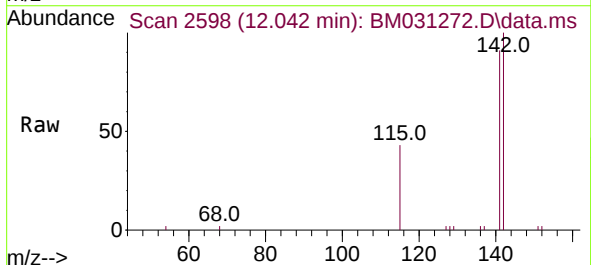
#5
Naphthalene
Concen: 0.47 ng/ul
RT: 10.423 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38



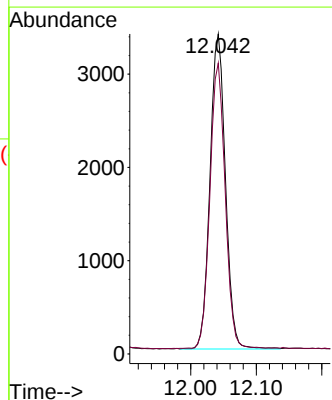
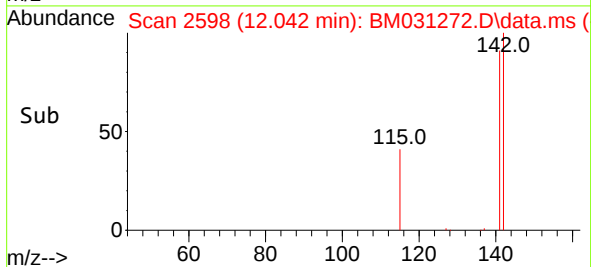
Tgt Ion:128 Resp: 8663
Ion Ratio Lower Upper
128 100
129 12.4 10.0 15.0
127 13.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.44 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38



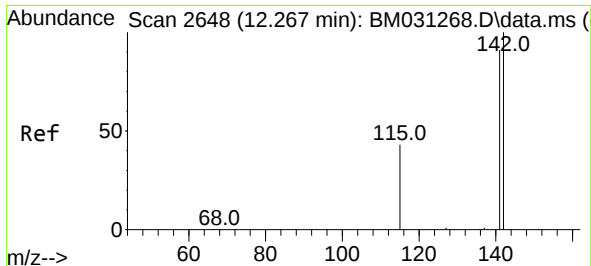
Tgt Ion:142 Resp: 5531
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0



Instrument :
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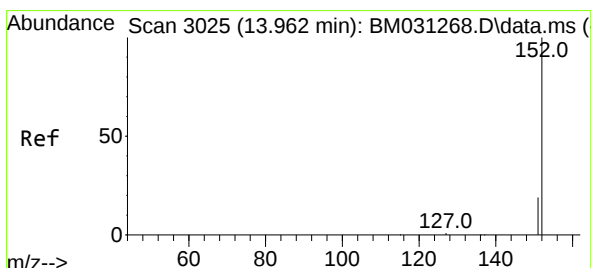
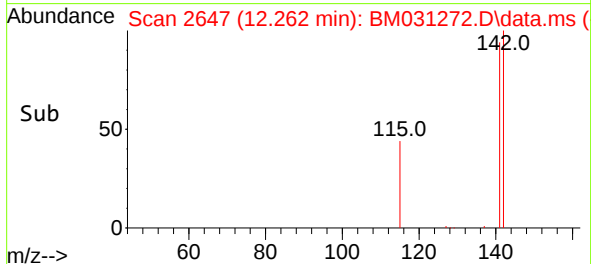
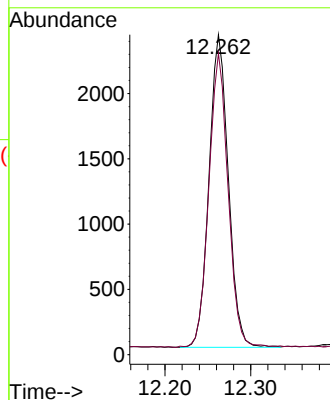
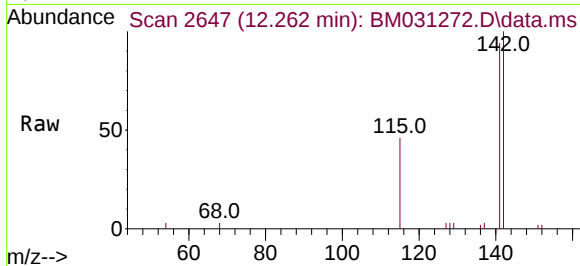
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1-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.262 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:142 Resp: 3749
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
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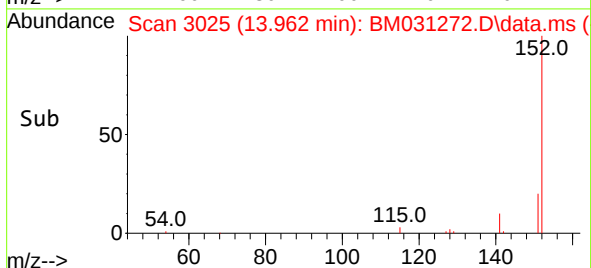
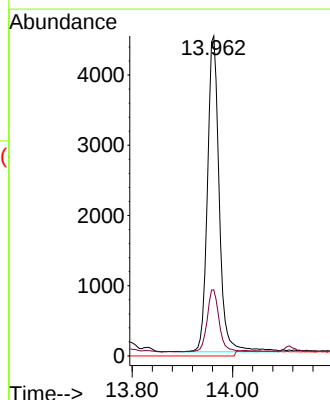
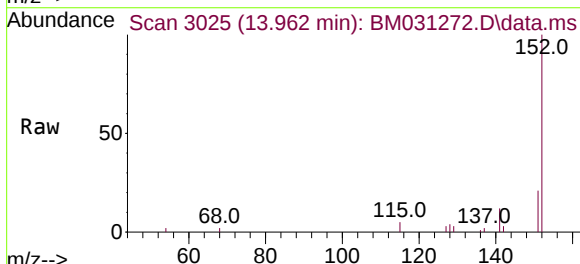
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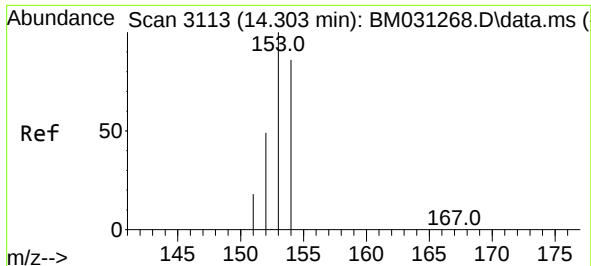
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#10
Acenaphthylene
Concen: 0.43 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:152 Resp: 6855
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





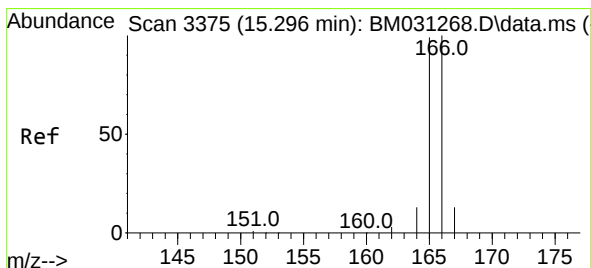
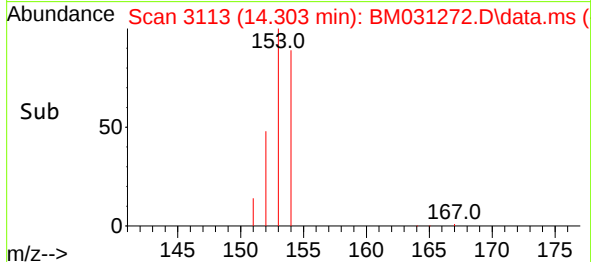
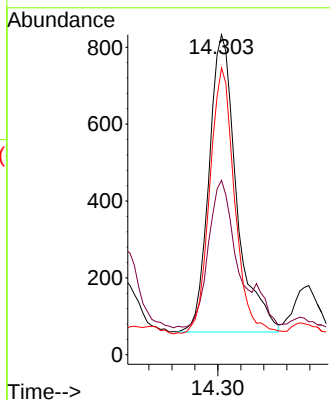
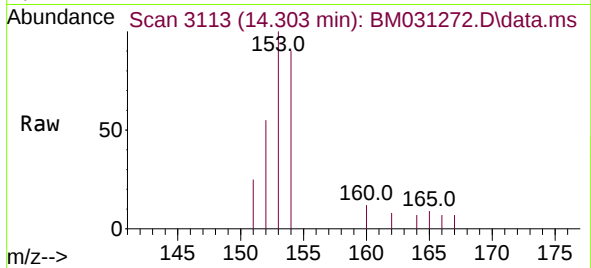
#11
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:153 Resp: 1290
Ion Ratio Lower Upper
153 100
152 54.5 40.7 61.1
154 89.7 70.2 105.2

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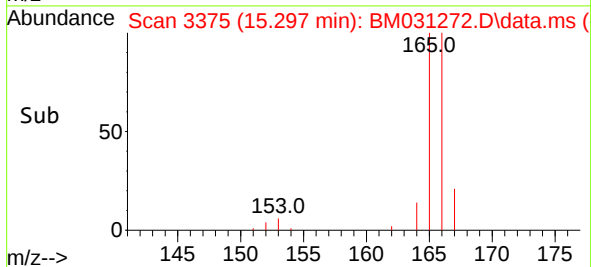
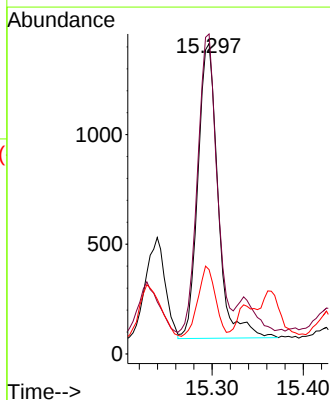
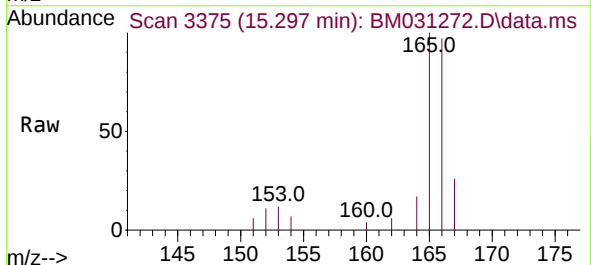
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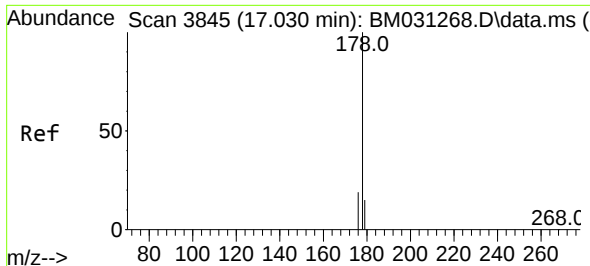
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#12
Fluorene
Concen: 0.13 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

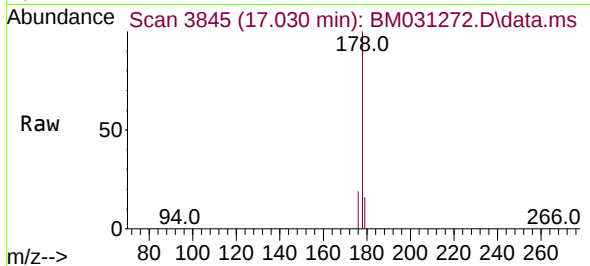
Tgt Ion:166 Resp: 2058
Ion Ratio Lower Upper
166 100
165 103.1 78.0 117.0
167 27.1 12.0 18.0#





#15
Phenanthrene
Concen: 1.81 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

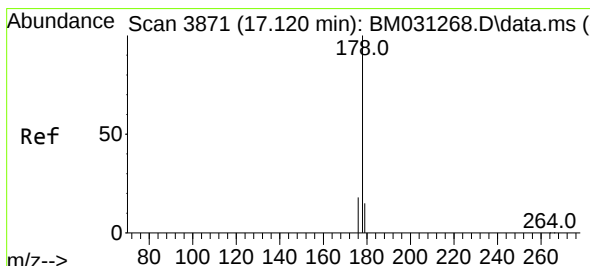
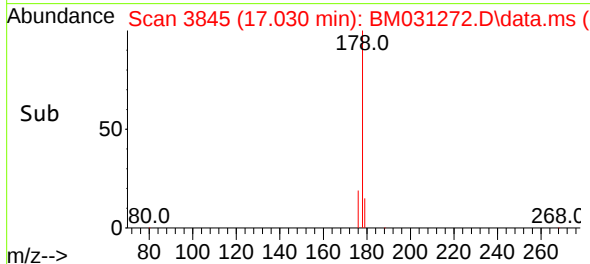
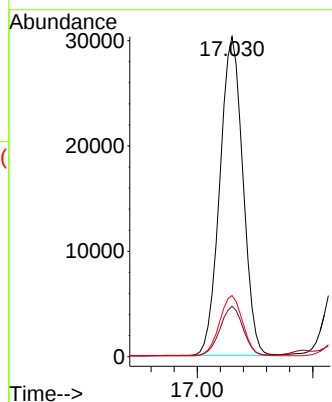
Instrument :
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Tgt Ion:178 Resp: 42056
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.1 16.2 24.4

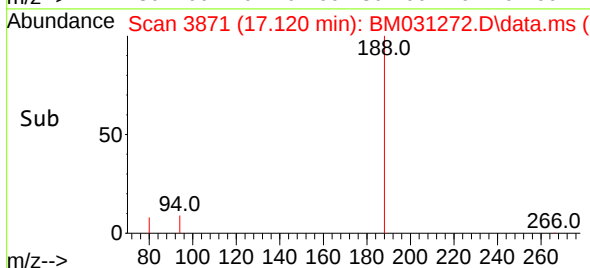
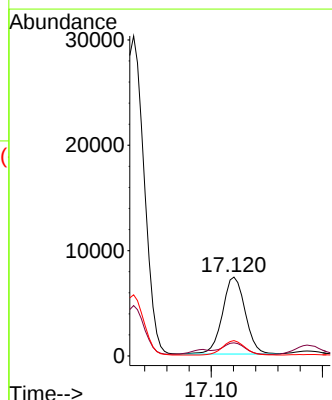
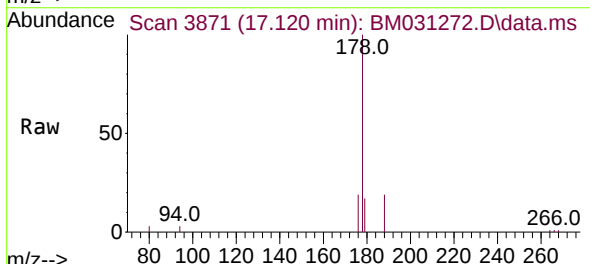
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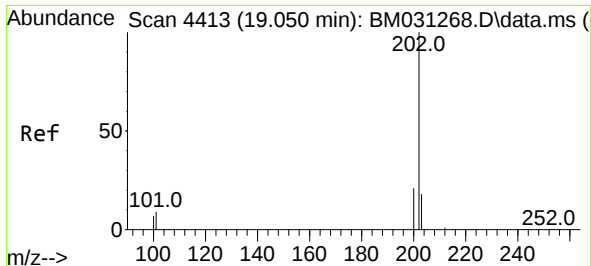
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#16
Anthracene
Concen: 0.48 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:178 Resp: 10351
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.5 15.6 23.4





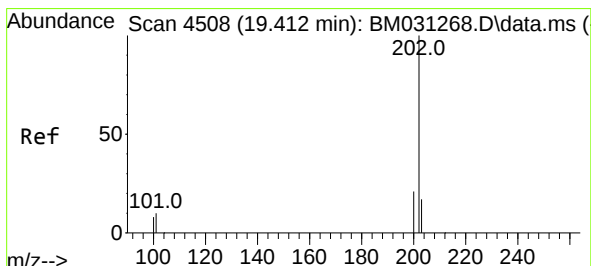
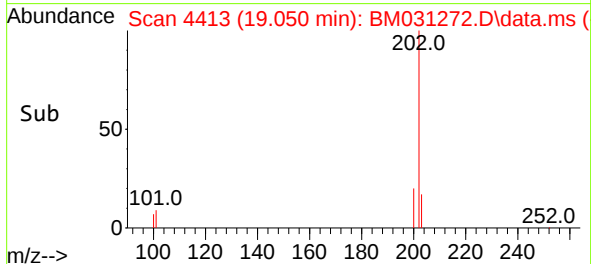
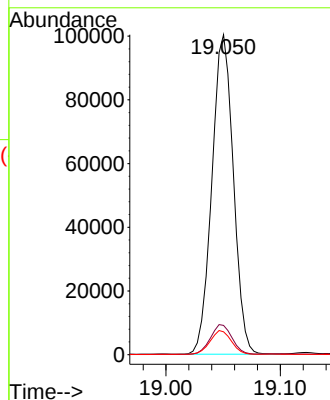
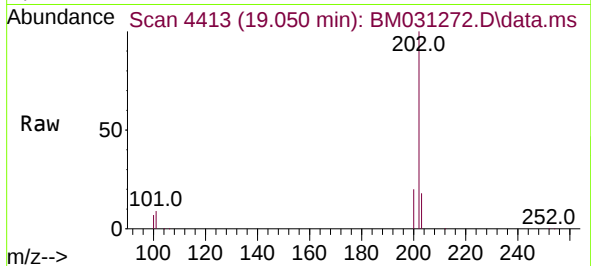
#19
Fluoranthene
Concen: 5.01 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:202 Resp: 130905
Ion Ratio Lower Upper
202 100
101 9.1 6.6 10.0
100 7.2 5.4 8.0

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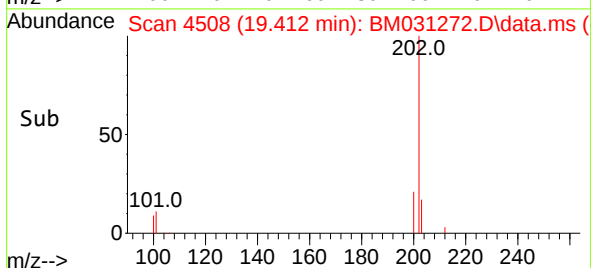
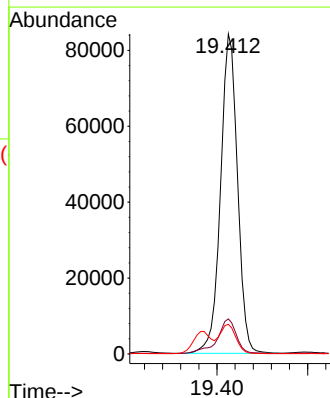
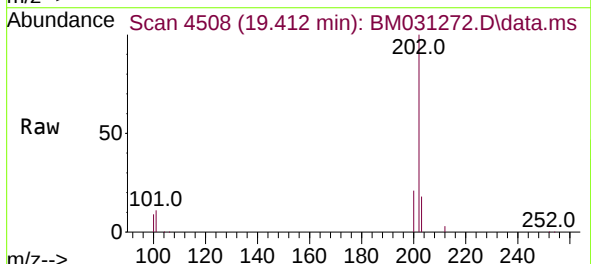
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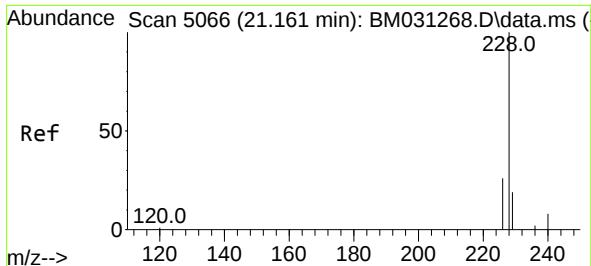
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#20
Pyrene
Concen: 4.13 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:202 Resp: 109330
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0





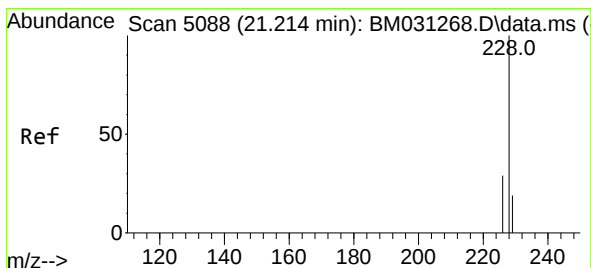
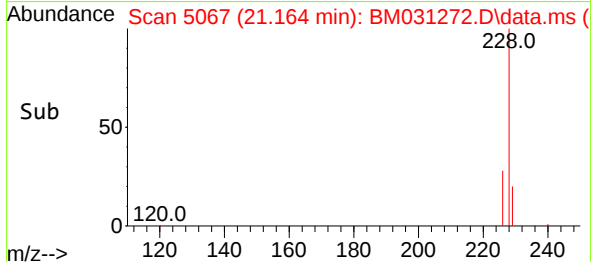
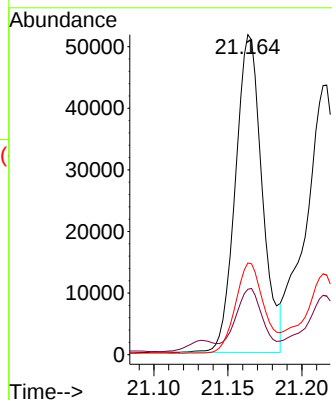
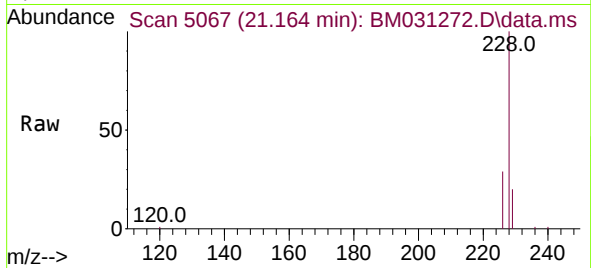
#21
Benzo(a)anthracene
Concen: 2.63 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. 0.003 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:228 Resp: 64831
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.7 21.7 32.5

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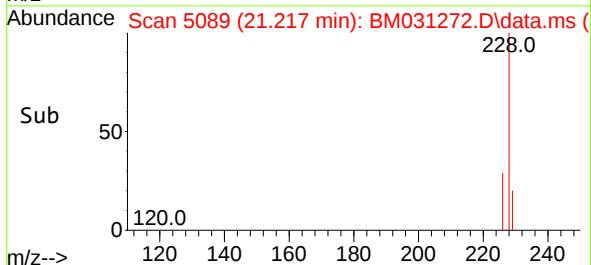
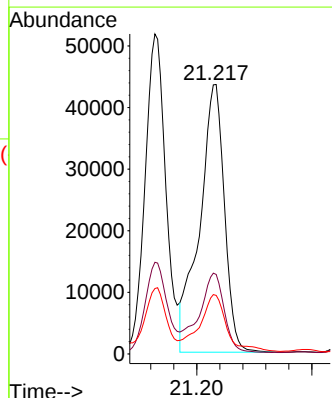
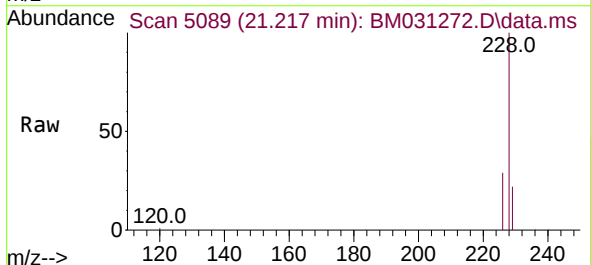
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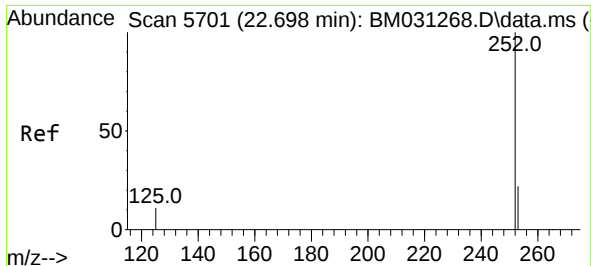
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#22
Chrysene
Concen: 2.55 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. 0.003 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:228 Resp: 65186
Ion Ratio Lower Upper
228 100
226 29.5 24.7 37.1
229 21.8 16.2 24.2





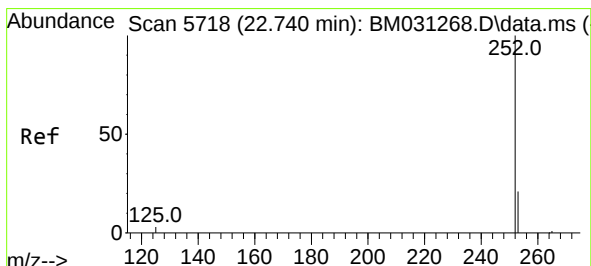
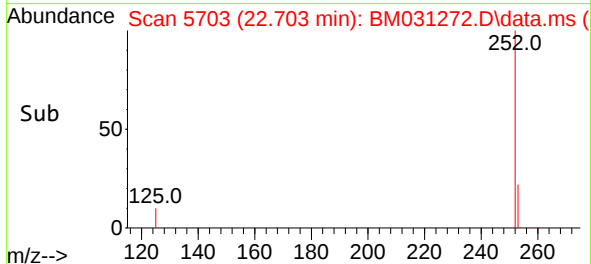
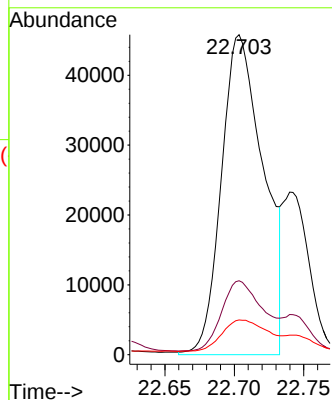
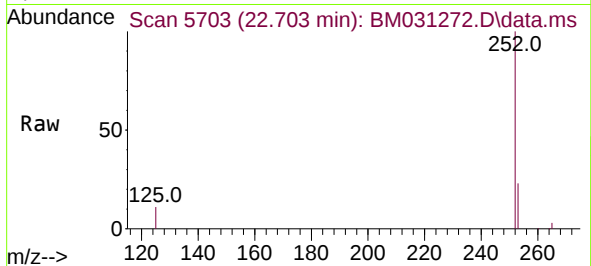
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Benzo(b)fluoranthene
Concen: 3.65 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. 0.005 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:252 Resp: 96668
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.0
125 10.9 0.0 22.8

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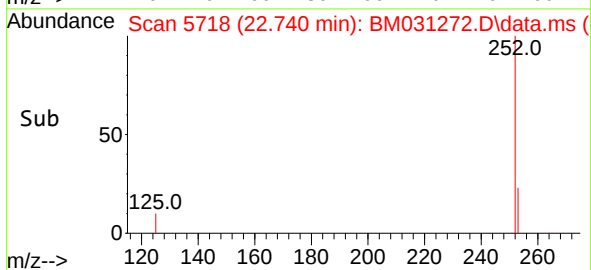
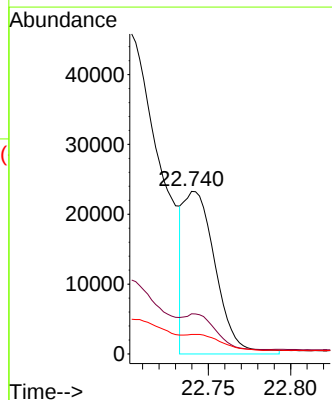
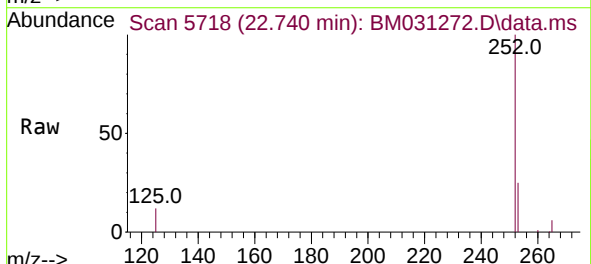
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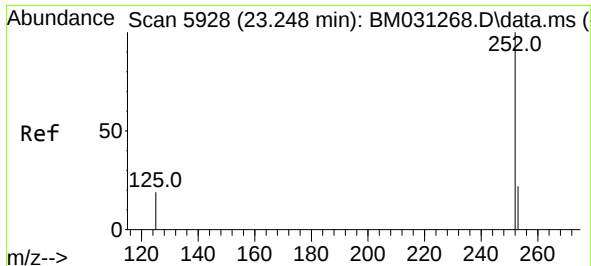
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#25
Benzo(k)fluoranthene
Concen: 1.15 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:252 Resp: 31495
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 12.0 8.8 13.2





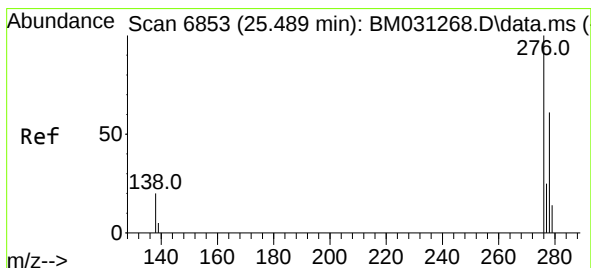
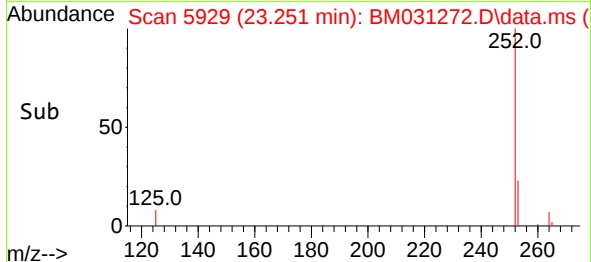
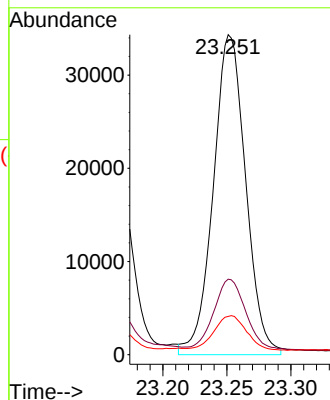
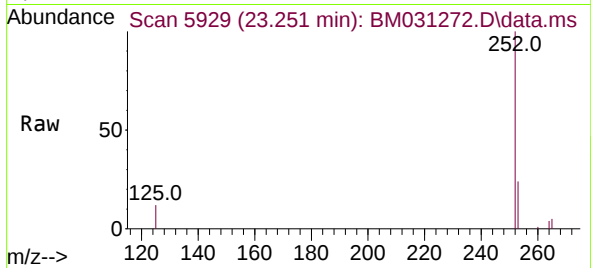
#26
Benzo(a)pyrene
Concen: 2.60 ng/ul m
RT: 23.251 min Scan# 5929
Delta R.T. 0.003 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:252 Resp: 60385
Ion Ratio Lower Upper
252 100
253 23.6 22.4 33.6
125 11.9 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0023

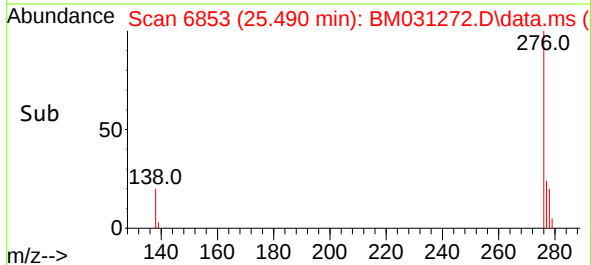
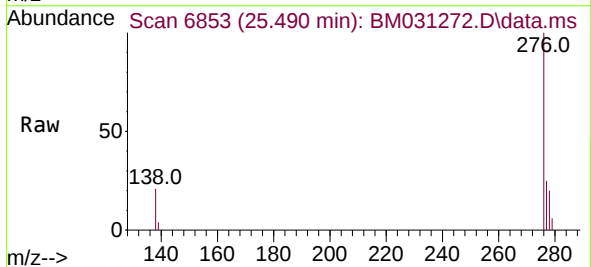
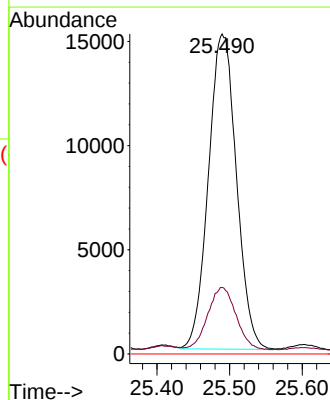
Manual Integrations
APPROVED

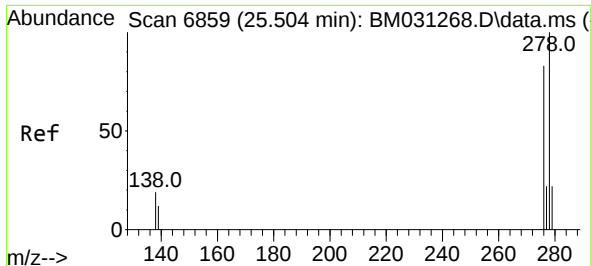
mohammad
7/30/2021 12:02:42 PM



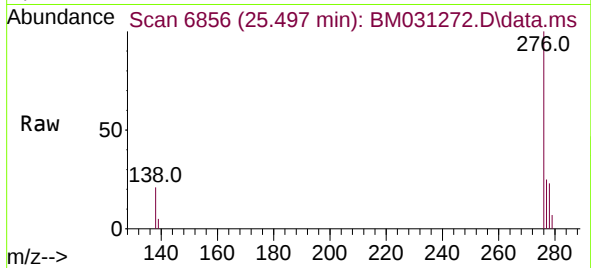
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.35 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. 0.000 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38

Tgt Ion:276 Resp: 40553
Ion Ratio Lower Upper
276 100
138 20.1 15.8 23.8
227 0.0 0.0 0.0

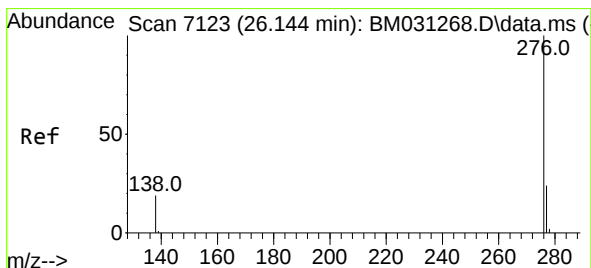
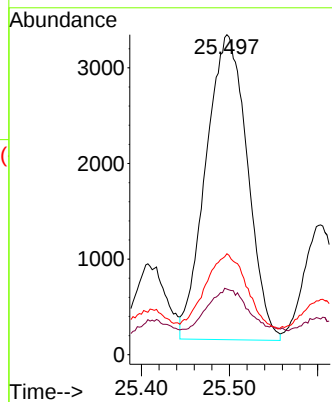
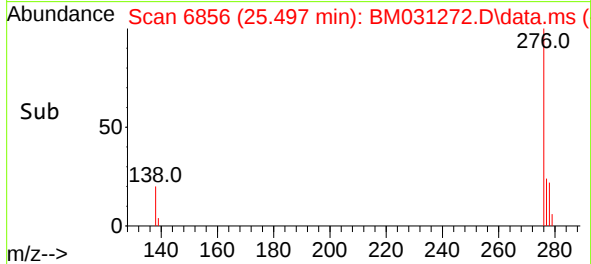




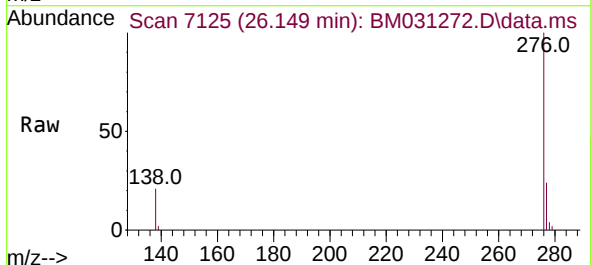
#28
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.007 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38



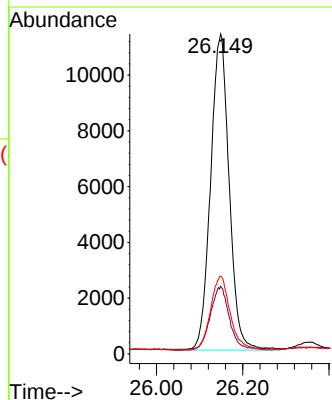
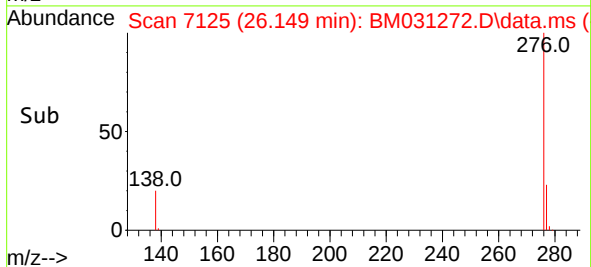
Tgt Ion: 278 Resp: 10458
Ion Ratio Lower Upper
278 100
139 20.5 13.3 19.9#
279 31.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.32 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. 0.005 min
Lab File: BM031272.D
Acq: 30 Jul 2021 10:38



Tgt Ion: 276 Resp: 33768
Ion Ratio Lower Upper
276 100
138 21.1 15.4 23.2
277 24.3 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0023

Manual Integrations
APPROVED

mohammad
7/30/2021 12:02:42 PM