

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031403.D
 Acq On : 03 Aug 2021 08:39
 Operator : CG/JU
 Sample : M3123-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0079

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:54 AM

Quant Time: Aug 03 09:09:31 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1268	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	4910	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.227	164	3146	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	5977	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	4844	0.40	ng/ul	# 0.00
23) Perylene-d12	23.329	264	4736	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2249	1.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1599	0.19	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	3448	0.21	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	13211	0.90	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	12077	1.21	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	6926	0.70	ng/ul	99
10) Acenaphthylene	13.950	152	5370	0.40	ng/ul	99
11) Acenaphthene	14.292	153	1560	0.14	ng/ul	97
12) Fluorene	15.282	166	1979	0.15	ng/ul#	80
15) Phenanthrene	17.016	178	103971	5.48	ng/ul	97
16) Anthracene	17.110	178	12801	0.72	ng/ul	99
19) Fluoranthene	19.039	202	200034	9.67	ng/ul	98
20) Pyrene	19.401	202	178774	8.52	ng/ul	98
21) Benzo(a)anthracene	21.154	228	90346	4.62	ng/ul	97
22) Chrysene	21.205	228	110647	5.47	ng/ul	97
24) Benzo(b)fluoranthene	22.689	252	126365m	5.92	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	39966m	1.81	ng/ul	
26) Benzo(a)pyrene	23.237	252	67001	3.59	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.468	276	54549	2.26	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.470	278	14816	0.76	ng/ul	96
29) Benzo(g,h,i)perylene	26.122	276	7706	0.37	ng/ul#	92

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

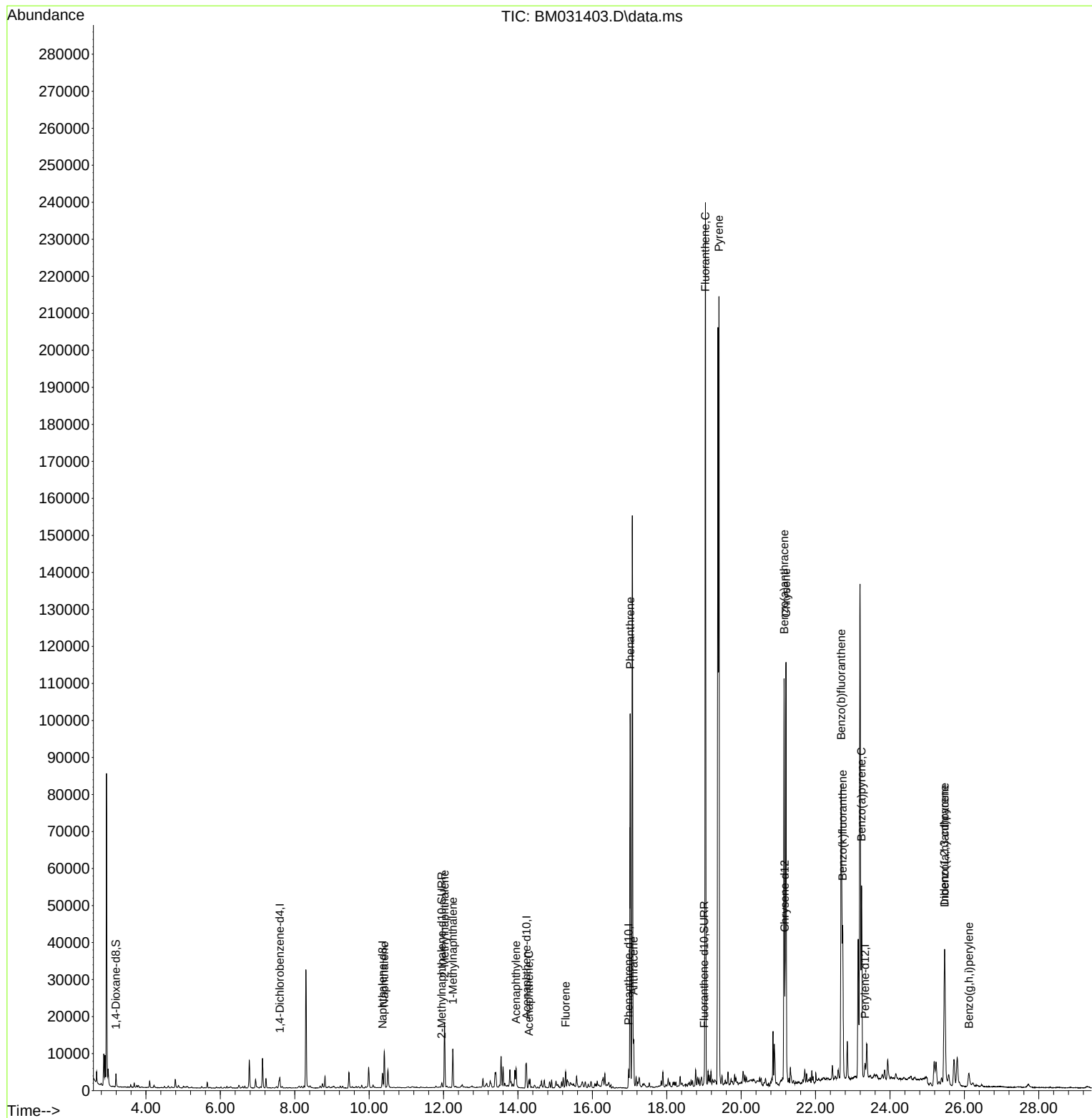
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031403.D
Acq On : 03 Aug 2021 08:39
Operator : CG/JU
Sample : M3123-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

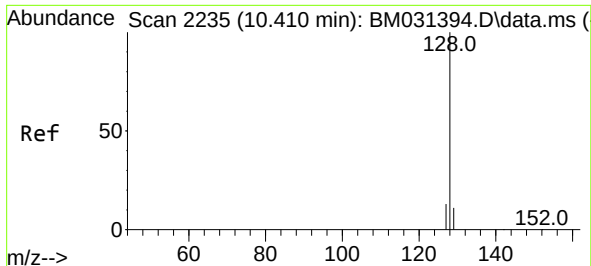
Instrument :
BNA_M
ClientSampleId :
C0079

Quant Time: Aug 03 09:09:31 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

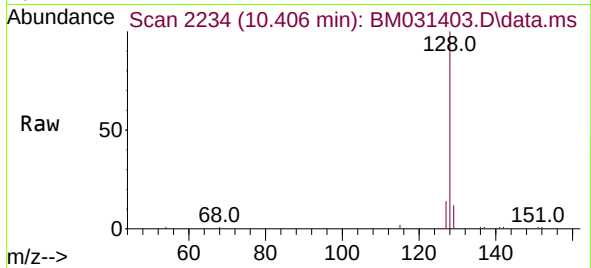
Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:54 AM

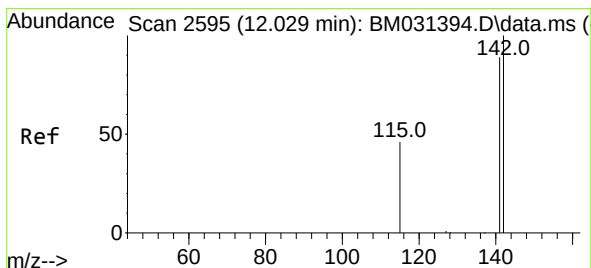
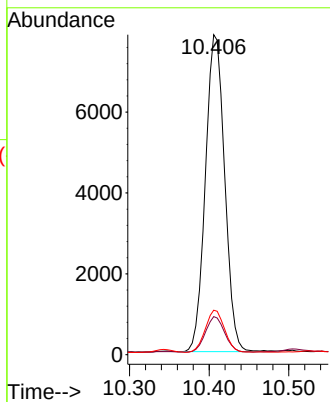
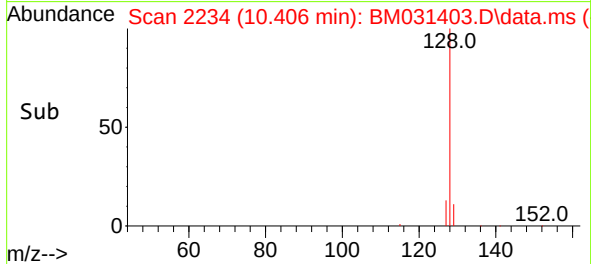




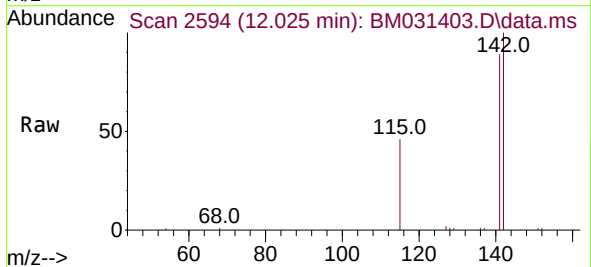
#5
Naphthalene
Concen: 0.90 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



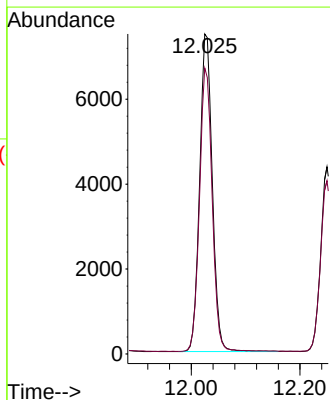
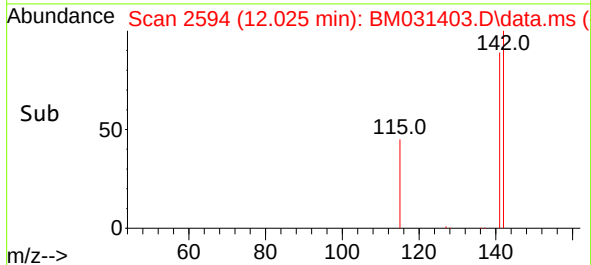
Tgt Ion:128 Resp: 13211
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.009 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



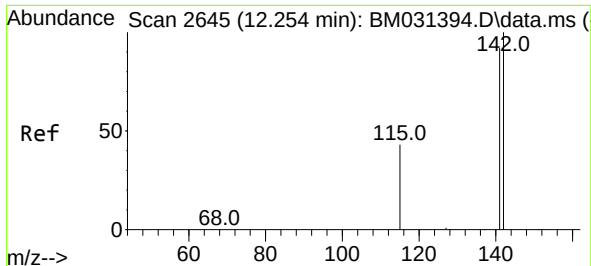
Tgt Ion:142 Resp: 12077
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0



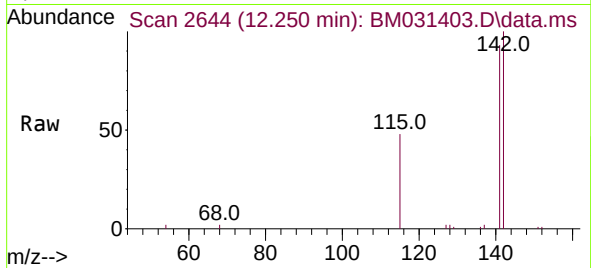
Instrument :
BNA_M
ClientSampled :
C0079

Manual Integrations
APPROVED

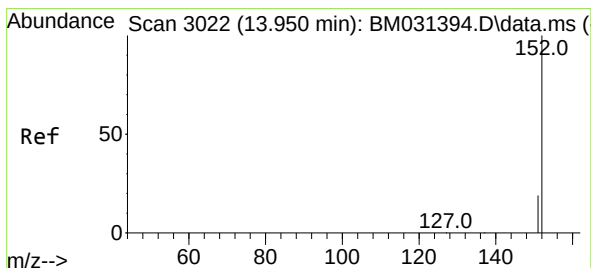
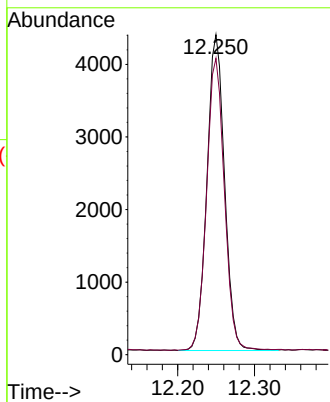
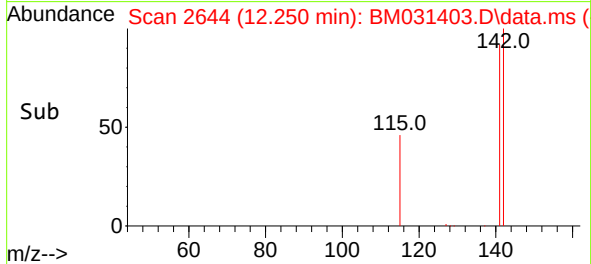
mohammad
8/3/2021 11:51:54 AM



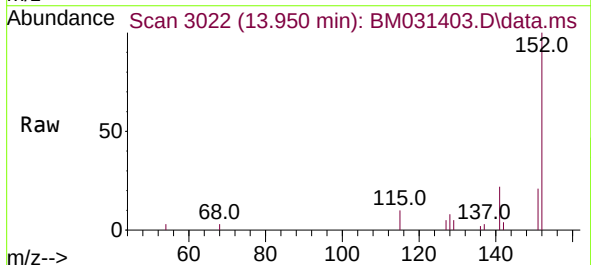
#8
1-Methylnaphthalene
Concen: 0.70 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



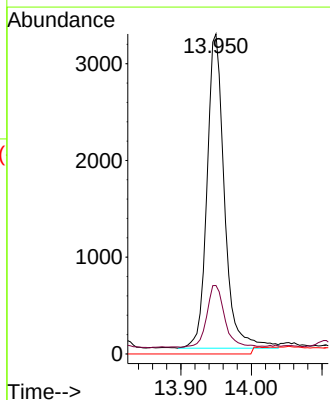
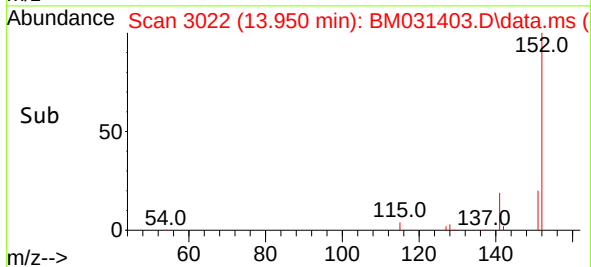
Tgt Ion:142 Resp: 6926
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.40 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



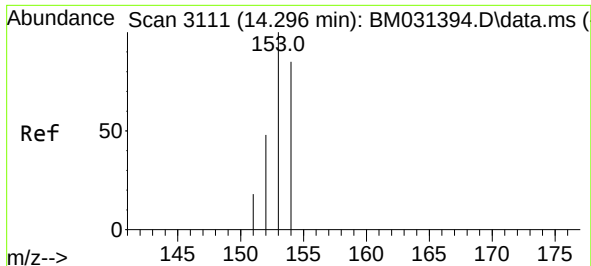
Tgt Ion:152 Resp: 5370
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0079

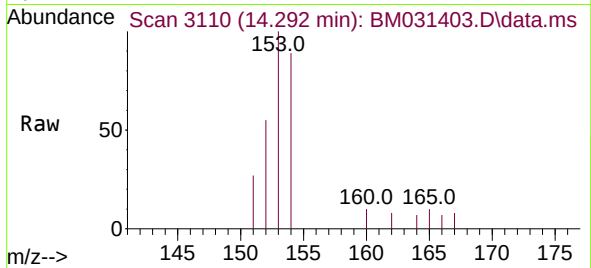
Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:54 AM



#11
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.292 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39

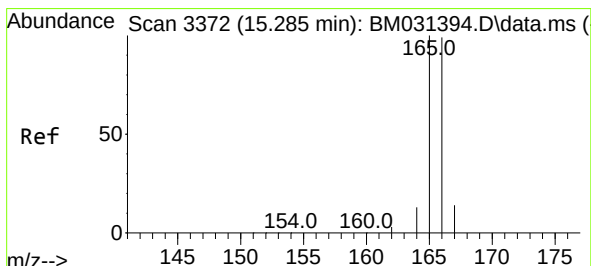
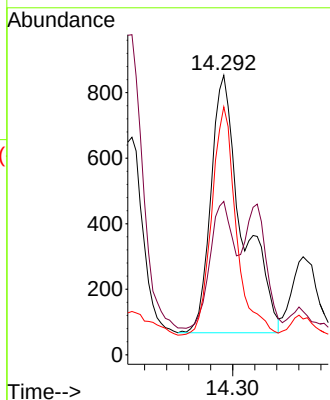
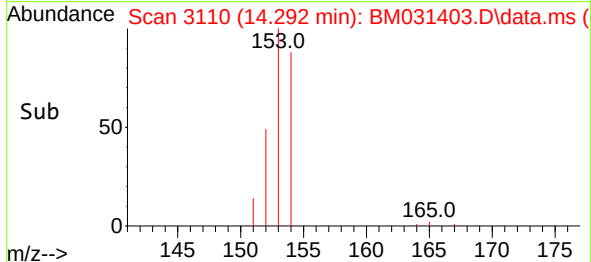
Instrument :
BNA_M
ClientSampled :
C0079



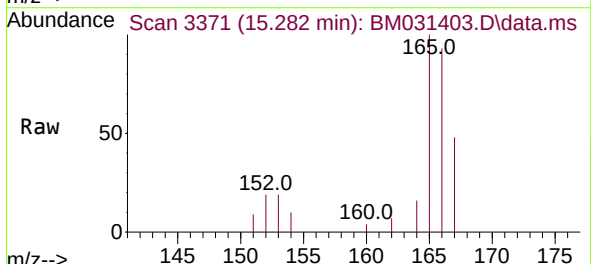
Tgt Ion:153 Resp: 1560
Ion Ratio Lower Upper
153 100
152 54.9 40.7 61.1
154 88.7 70.2 105.2

Manual Integrations
APPROVED

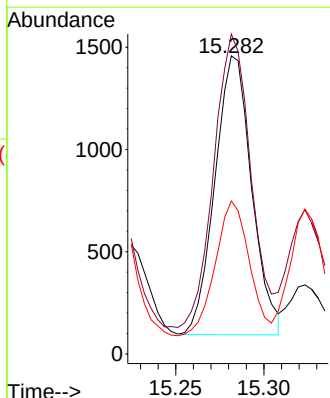
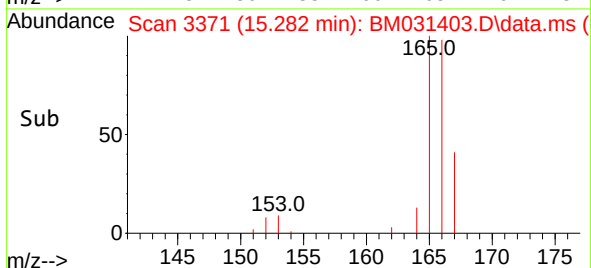
mohammad
8/3/2021 11:51:54 AM

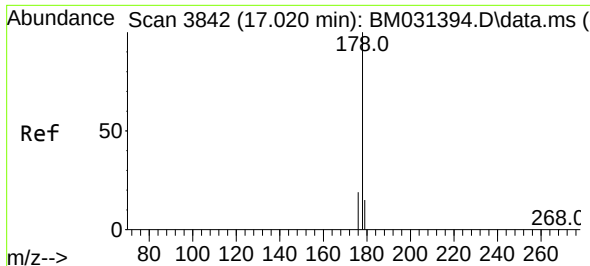


#12
Fluorene
Concen: 0.15 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



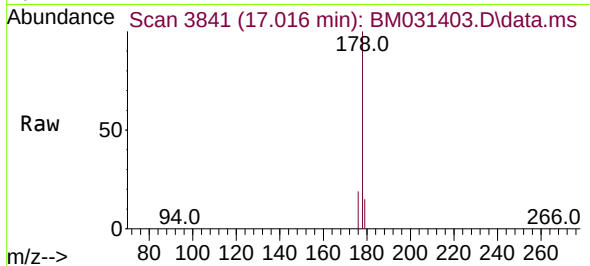
Tgt Ion:166 Resp: 1979
Ion Ratio Lower Upper
166 100
165 107.3 78.0 117.0
167 51.3 12.0 18.0#





#15
Phenanthrene
Concen: 5.48 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.007 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39

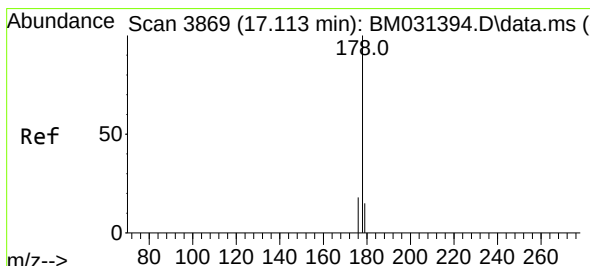
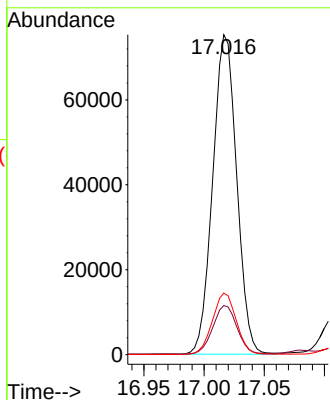
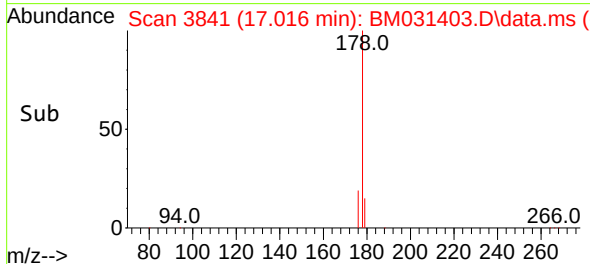
Instrument :
BNA_M
ClientSampled :
C0079



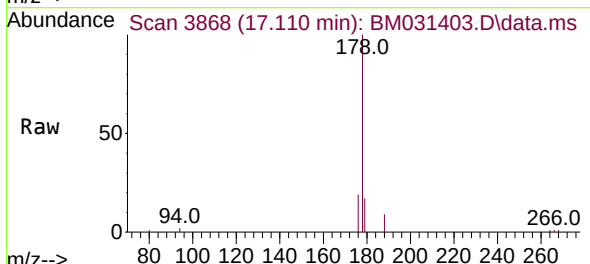
Tgt Ion:178 Resp: 103971
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.2 24.4

Manual Integrations
APPROVED

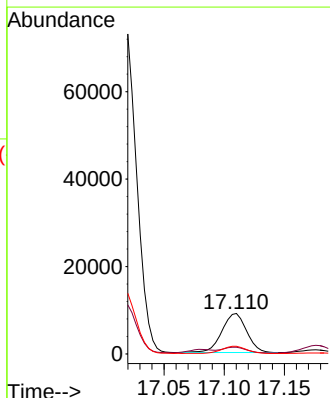
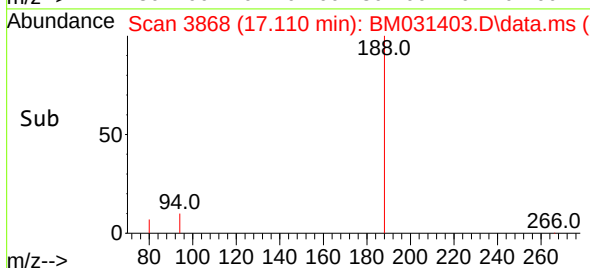
mohammad
8/3/2021 11:51:54 AM

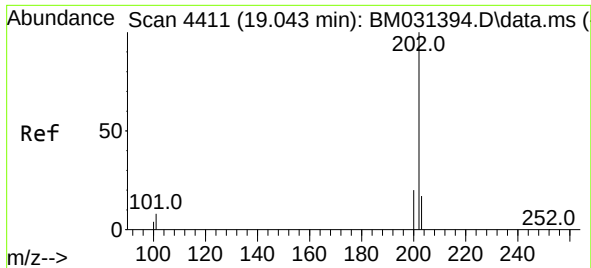


#16
Anthracene
Concen: 0.72 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39

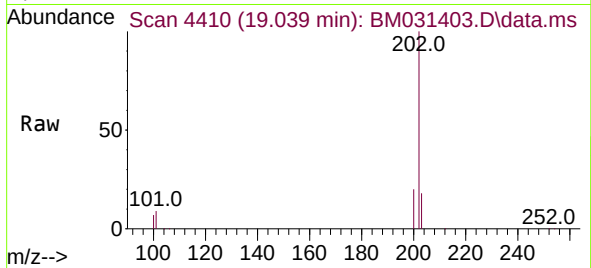


Tgt Ion:178 Resp: 12801
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 18.8 15.6 23.4

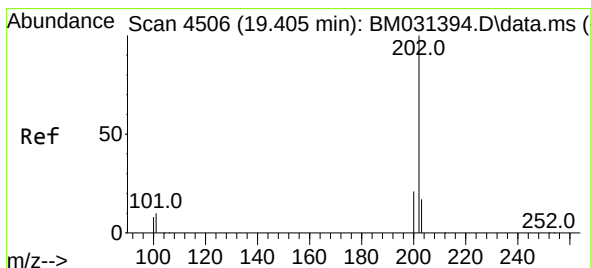
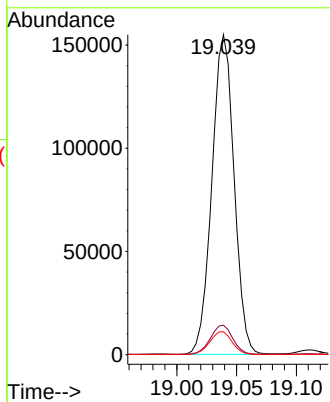
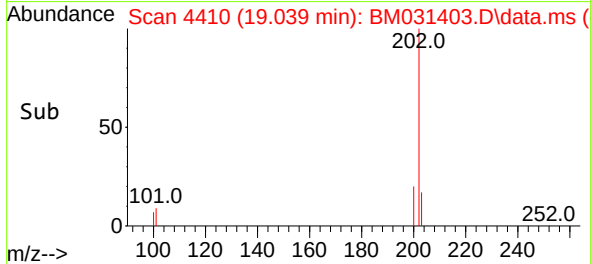




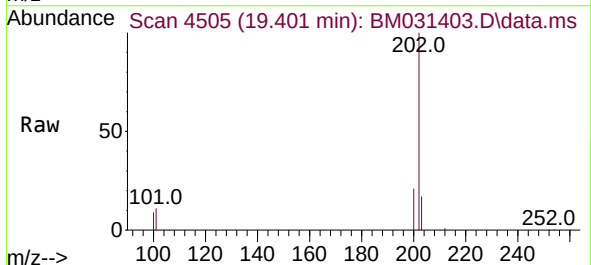
#19
Fluoranthene
Concen: 9.67 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



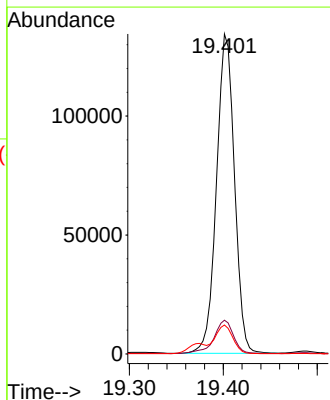
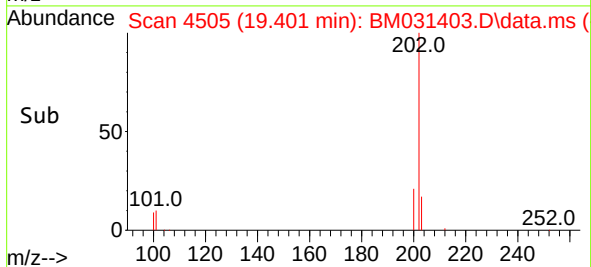
Tgt Ion:202 Resp: 200034
Ion Ratio Lower Upper
202 100
101 9.2 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 8.52 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.007 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



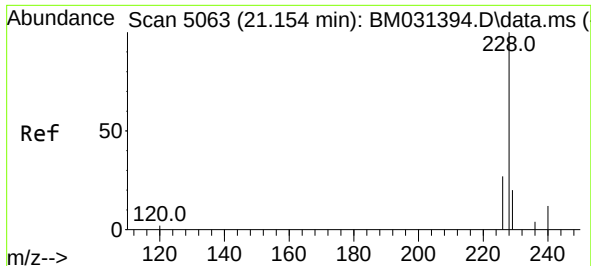
Tgt Ion:202 Resp: 178774
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.1 6.6 10.0



Instrument :
BNA_M
ClientSampleId :
C0079

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:54 AM



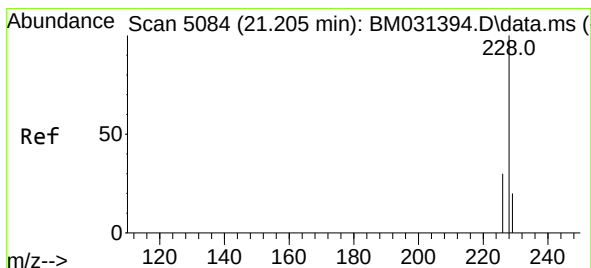
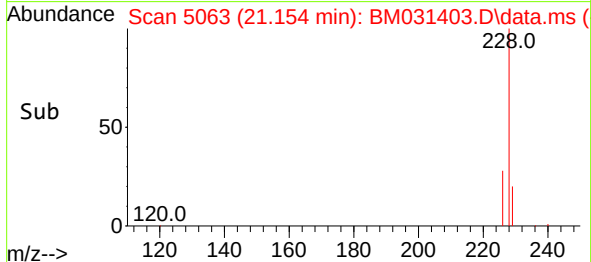
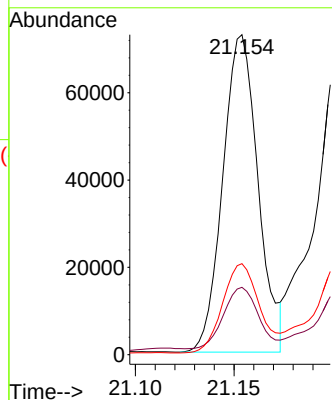
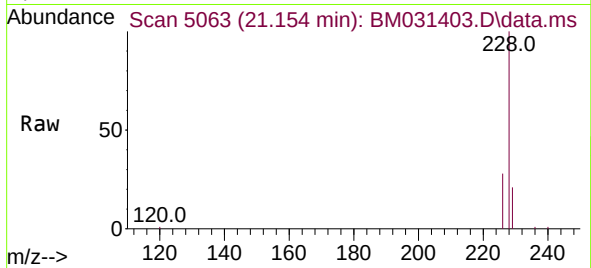
#21
Benzo(a)anthracene
Concen: 4.62 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39

Tgt Ion:228 Resp: 90346
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.5 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C0079

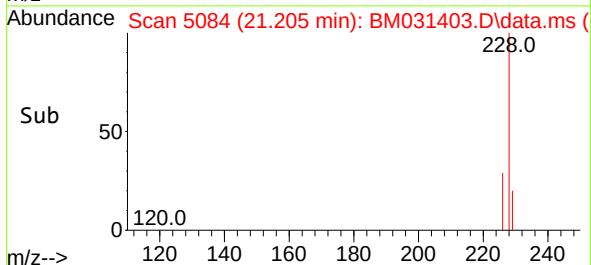
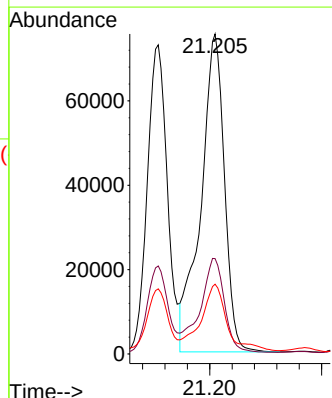
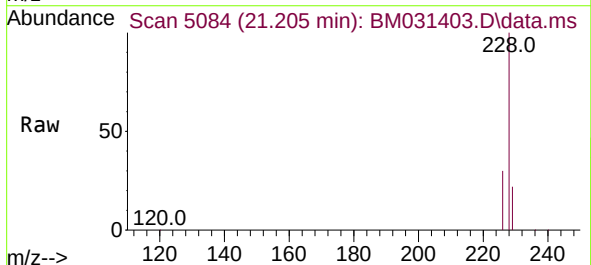
Manual Integrations
APPROVED

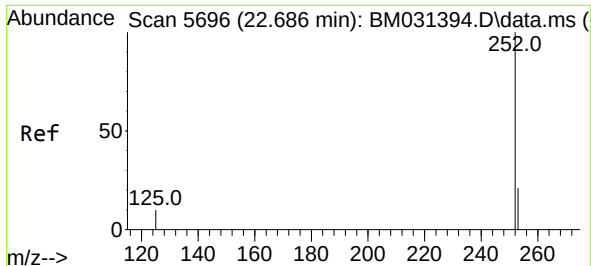
mohammad
8/3/2021 11:51:54 AM



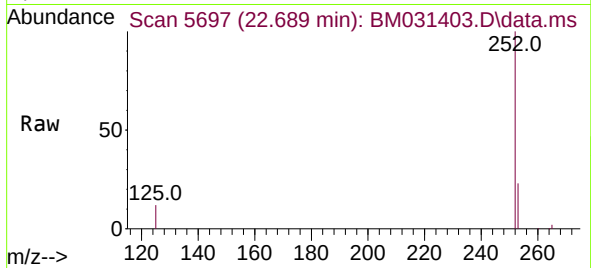
#22
Chrysene
Concen: 5.47 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39

Tgt Ion:228 Resp: 110647
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.8 16.2 24.2

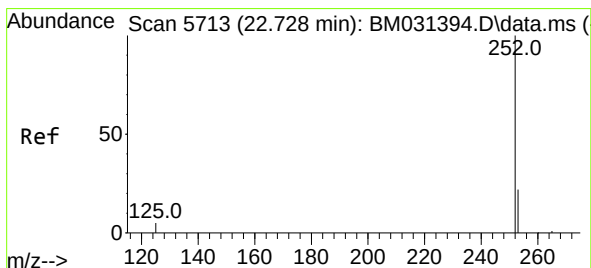
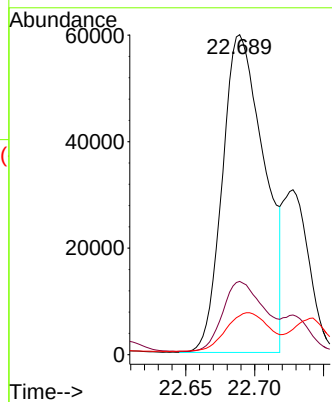
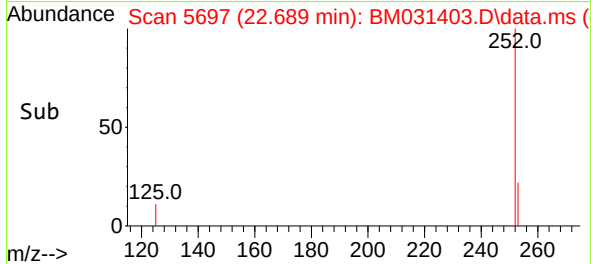




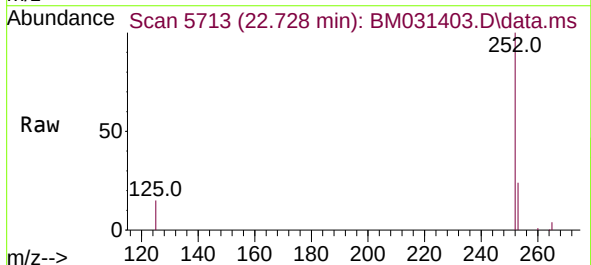
#24
Benzo(b)fluoranthene
Concen: 5.92 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



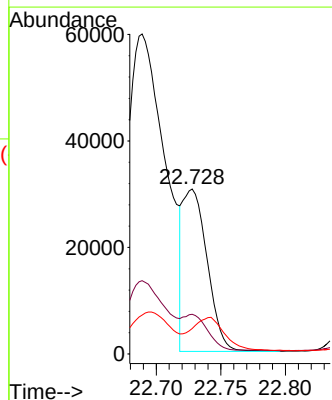
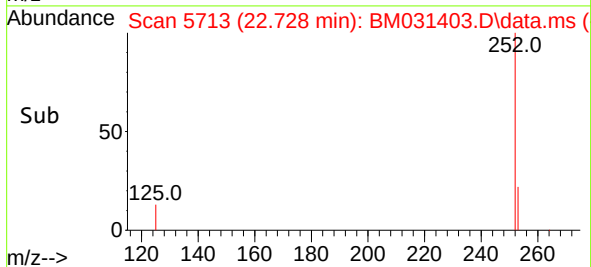
Tgt Ion:252 Resp: 126365
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 12.1 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 1.81 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



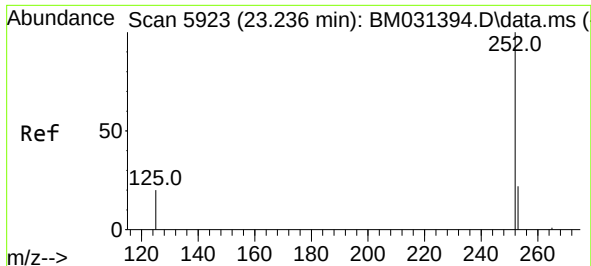
Tgt Ion:252 Resp: 39966
Ion Ratio Lower Upper
252 100
253 24.1 21.3 31.9
125 15.5 8.8 13.2#



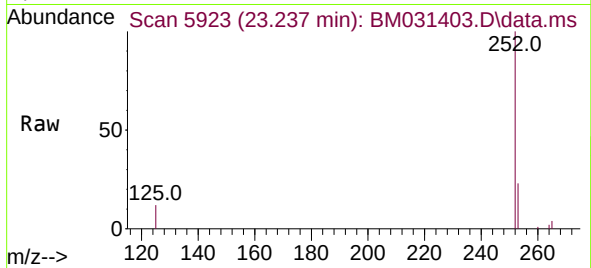
Instrument :
BNA_M
ClientSampled :
C0079

Manual Integrations
APPROVED

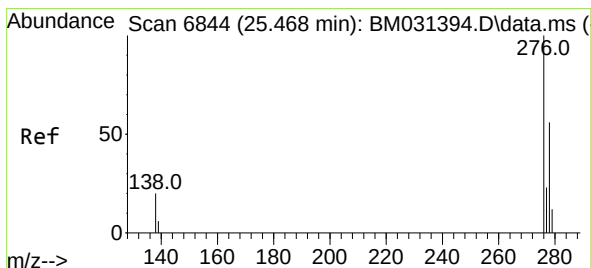
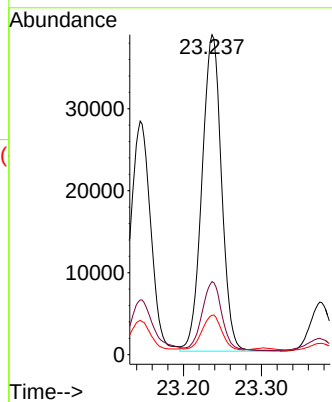
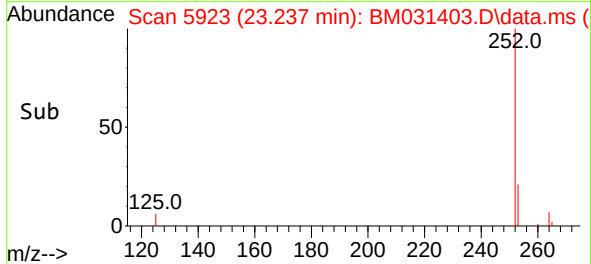
mohammad
8/3/2021 11:51:54 AM



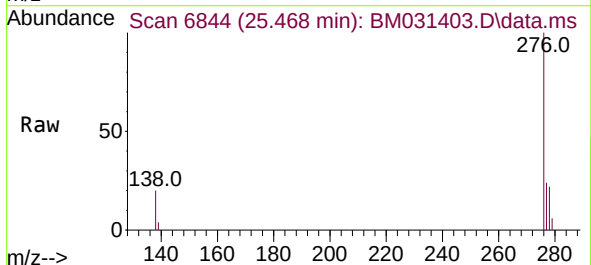
#26
Benzo(a)pyrene
Concen: 3.59 ng/u1
RT: 23.237 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



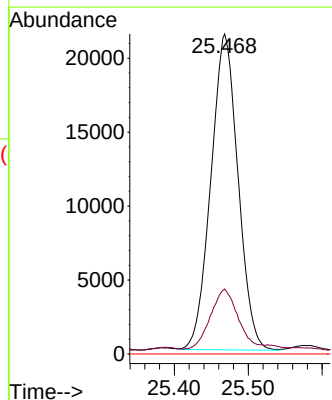
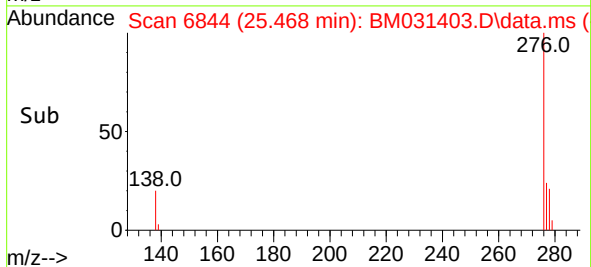
Tgt Ion:252 Resp: 67001
Ion Ratio Lower Upper
252 100
253 22.9 22.4 33.6
125 12.3 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng/u1
RT: 25.468 min Scan# 6844
Delta R.T. -0.012 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



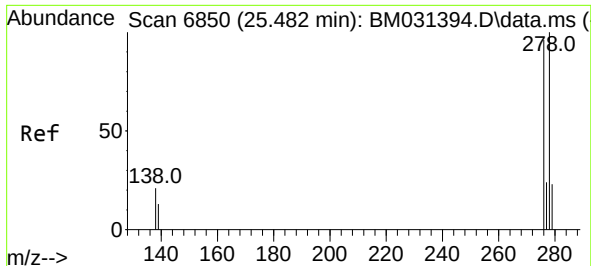
Tgt Ion:276 Resp: 54549
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.8
227 0.0 0.0 0.0



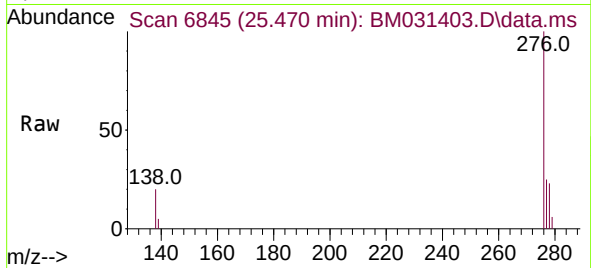
Instrument :
BNA_M
ClientSampled :
C0079

Manual Integrations
APPROVED

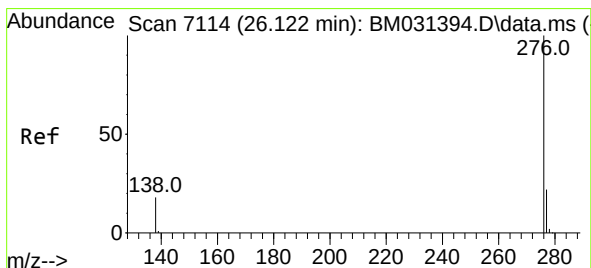
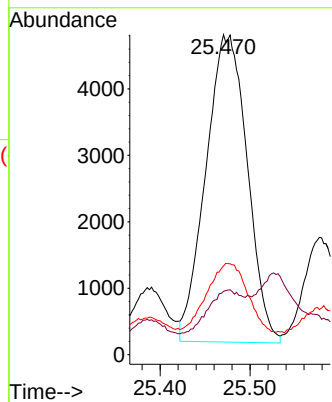
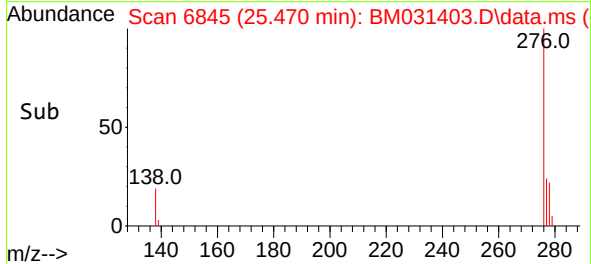
mohammad
8/3/2021 11:51:54 AM



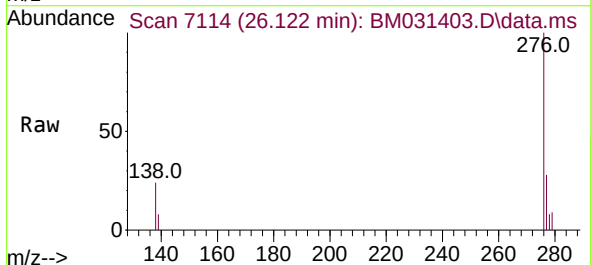
#28
Dibenzo(a,h)anthracene
Concen: 0.76 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.022 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



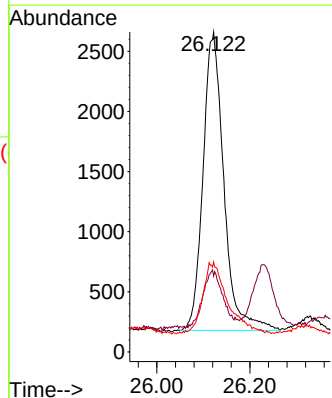
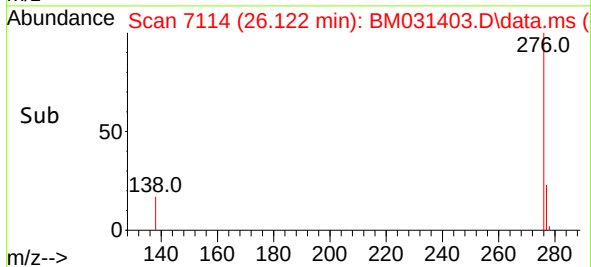
Tgt Ion: 278 Resp: 14816
Ion Ratio Lower Upper
278 100
139 19.8 13.3 19.9
279 27.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. -0.010 min
Lab File: BM031403.D
Acq: 03 Aug 2021 08:39



Tgt Ion: 276 Resp: 7706
Ion Ratio Lower Upper
276 100
138 23.7 15.4 23.2#
277 28.1 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0079

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:54 AM