

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031405.D
 Acq On : 03 Aug 2021 09:52
 Operator : CG/JU
 Sample : M3123-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0080

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:47:29 PM

Quant Time: Aug 03 11:11:42 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	1381	0.40	ng/ul	0.00
4) Naphthalene-d8	10.356	136	5414	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.227	164	3510	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6504	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	5045	0.40	ng/ul	# 0.00
23) Perylene-d12	23.328	264	4715	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	5402	3.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	2358	0.26	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	4866	0.29	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	7168	0.44	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	8767	0.80	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	5491	0.50	ng/ul	99
10) Acenaphthylene	13.950	152	3576	0.24	ng/ul	97
11) Acenaphthene	14.292	153	1214	0.10	ng/ul	95
12) Fluorene	15.281	166	1837	0.13	ng/ul#	83
15) Phenanthrene	17.020	178	71523	3.46	ng/ul	97
16) Anthracene	17.110	178	9023	0.47	ng/ul	98
19) Fluoranthene	19.039	202	126493	5.87	ng/ul	98
20) Pyrene	19.405	202	118069	5.40	ng/ul	99
21) Benzo(a)anthracene	21.151	228	58030	2.85	ng/ul	97
22) Chrysene	21.205	228	72413	3.44	ng/ul	97
24) Benzo(b)fluoranthene	22.689	252	76290m	3.59	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	26939m	1.23	ng/ul	
26) Benzo(a)pyrene	23.236	252	43501	2.34	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.468	276	34426	1.43	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.475	278	9614	0.50	ng/ul#	90
29) Benzo(g,h,i)perylene	26.122	276	5337	0.26	ng/ul#	87

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

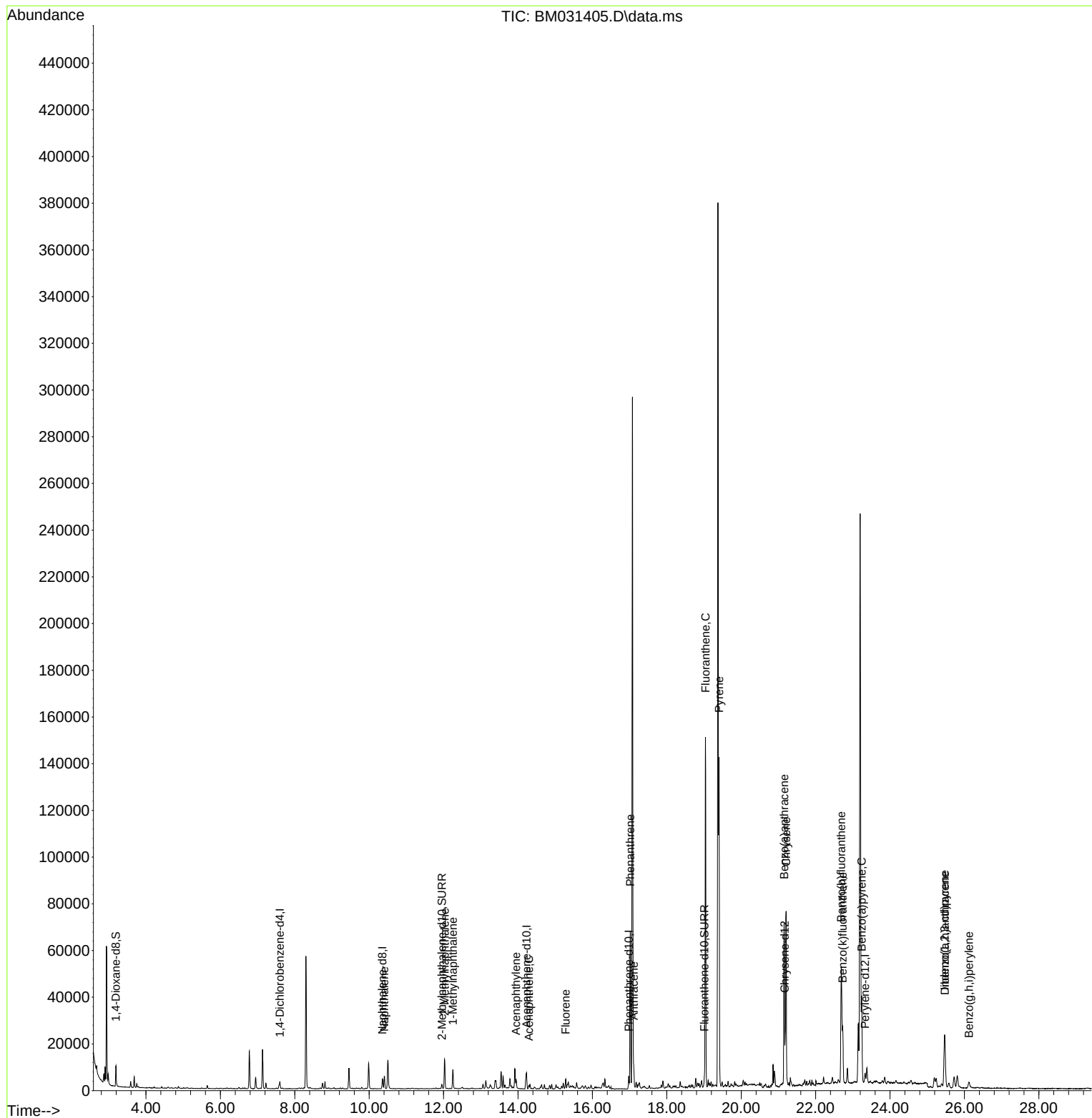
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031405.D
Acq On : 03 Aug 2021 09:52
Operator : CG/JU
Sample : M3123-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

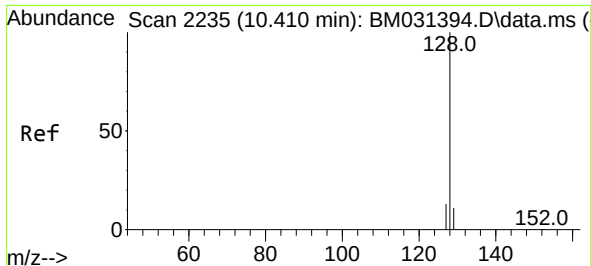
Instrument :
BNA_M
ClientSampleId :
C0080

Manual Integrations
APPROVED

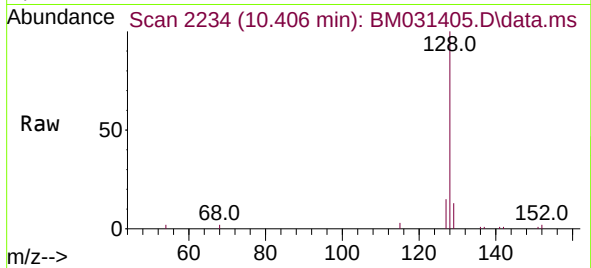
mohammad
8/4/2021 3:47:29 PM

Quant Time: Aug 03 11:11:42 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

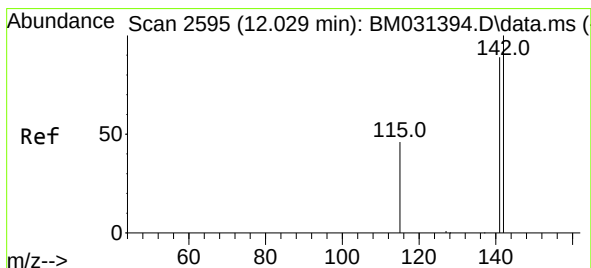
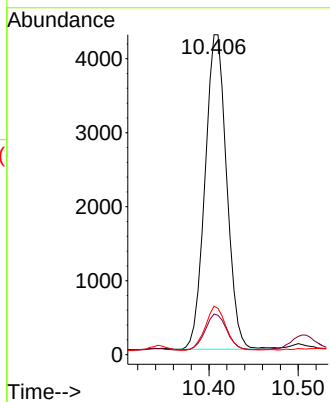
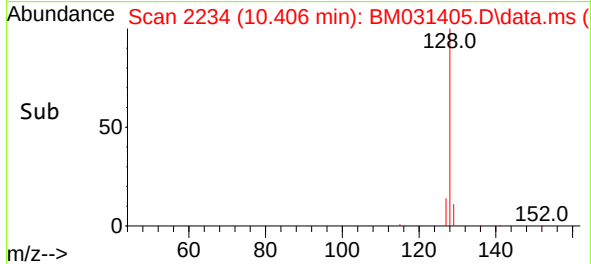




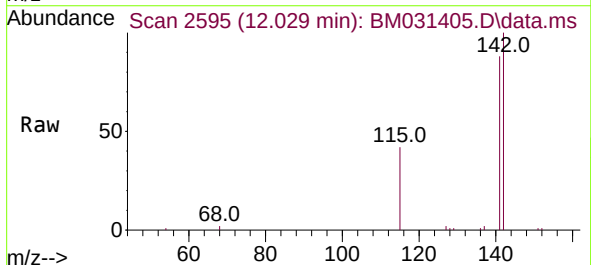
#5
Naphthalene
Concen: 0.44 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



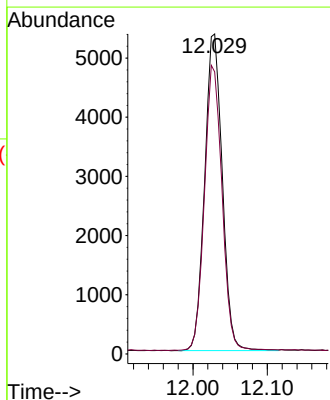
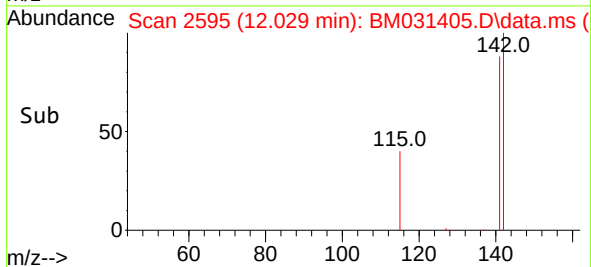
Tgt Ion:128 Resp: 7168
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 15.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.80 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.005 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



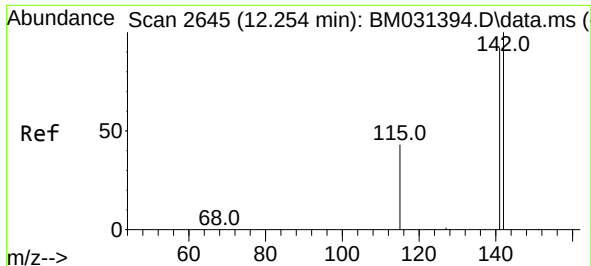
Tgt Ion:142 Resp: 8767
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C0080

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:29 PM



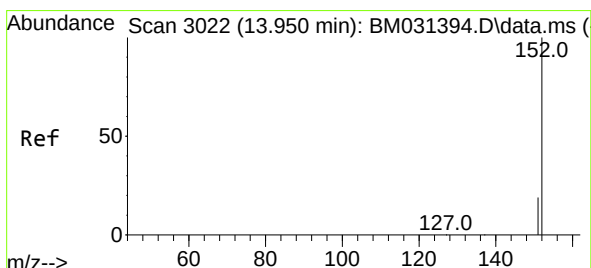
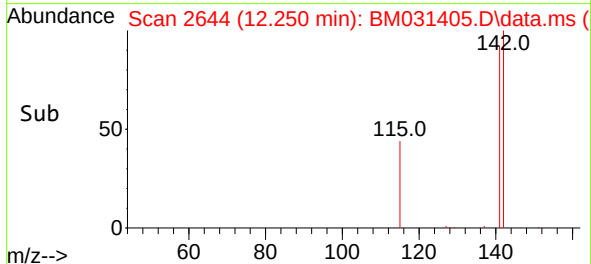
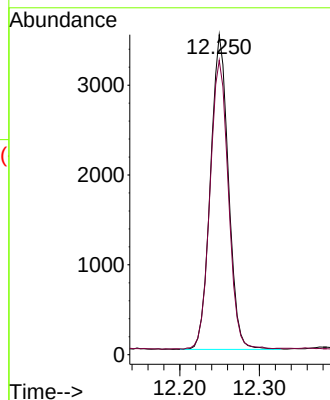
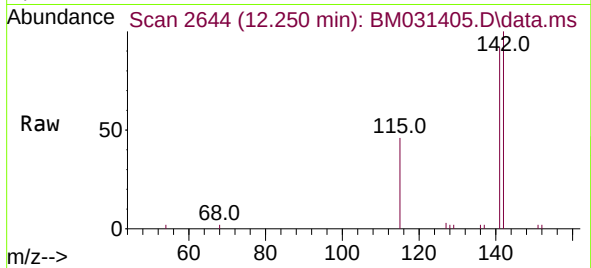
#8
1-Methylnaphthalene
Concen: 0.50 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.005 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:142 Resp: 5491
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0080

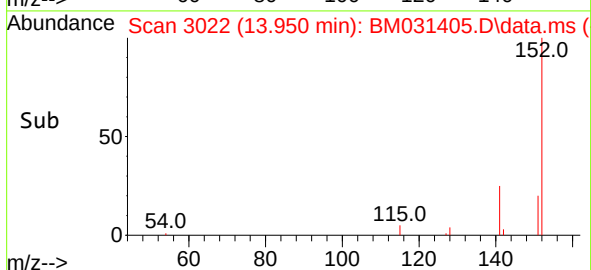
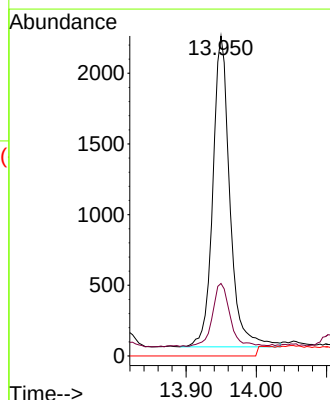
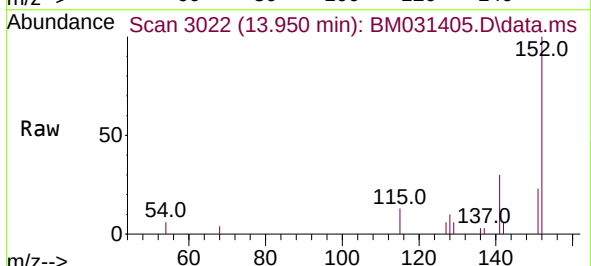
Manual Integrations
APPROVED

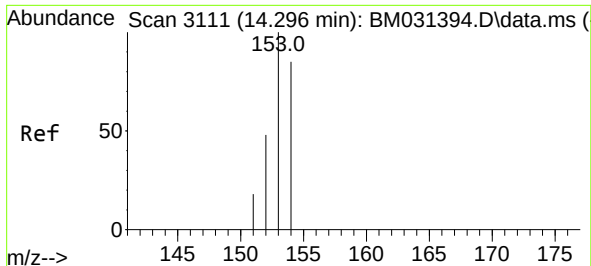
mohammad
8/4/2021 3:47:29 PM



#10
Acenaphthylene
Concen: 0.24 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

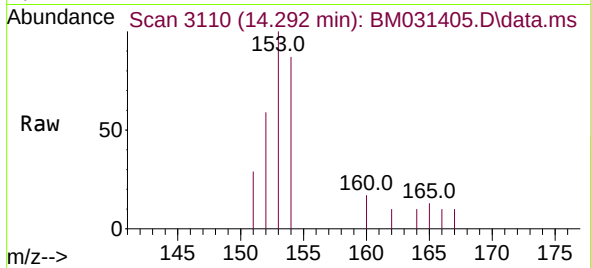
Tgt Ion:152 Resp: 3576
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.292 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

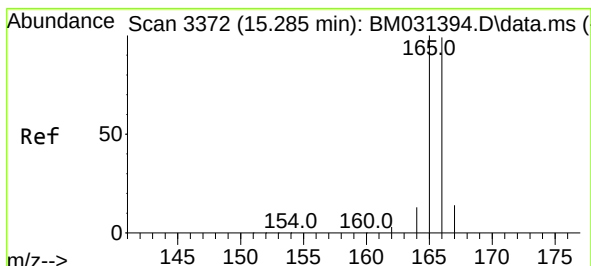
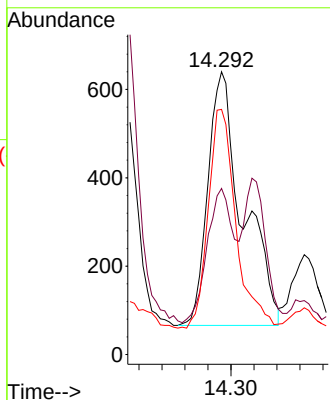
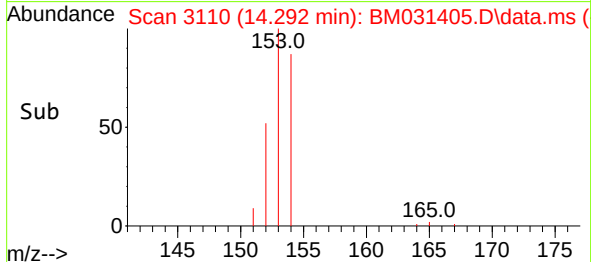
Instrument :
BNA_M
ClientSampled :
C0080



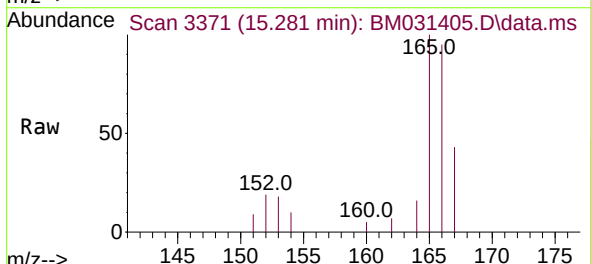
Tgt Ion:153 Resp: 1214
Ion Ratio Lower Upper
153 100
152 58.8 40.7 61.1
154 86.7 70.2 105.2

Manual Integrations
APPROVED

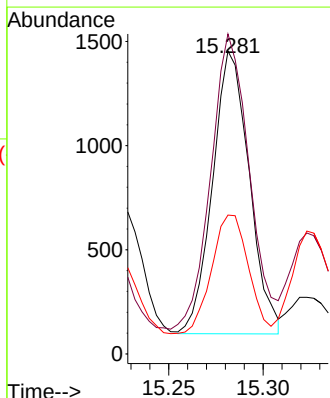
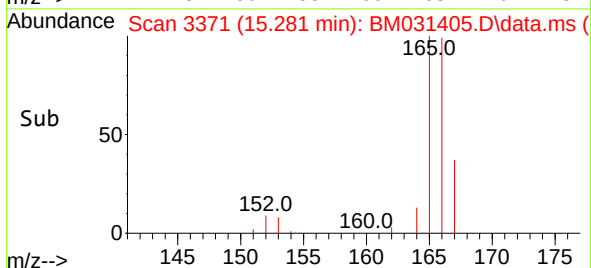
mohammad
8/4/2021 3:47:29 PM

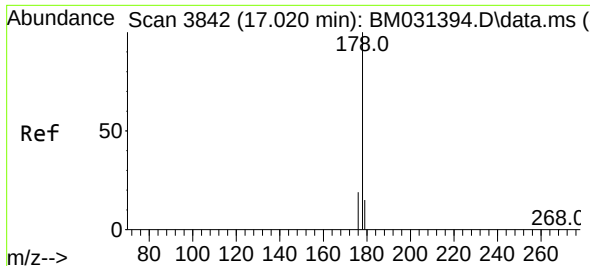


#12
Fluorene
Concen: 0.13 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



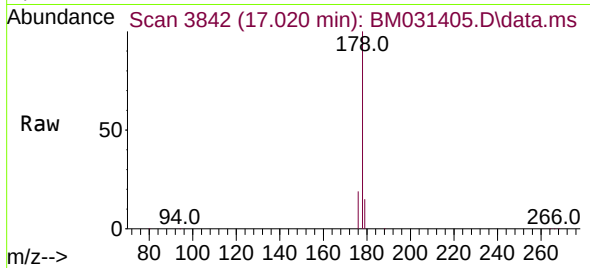
Tgt Ion:166 Resp: 1837
Ion Ratio Lower Upper
166 100
165 105.6 78.0 117.0
167 45.9 12.0 18.0#





#15
Phenanthrene
Concen: 3.46 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

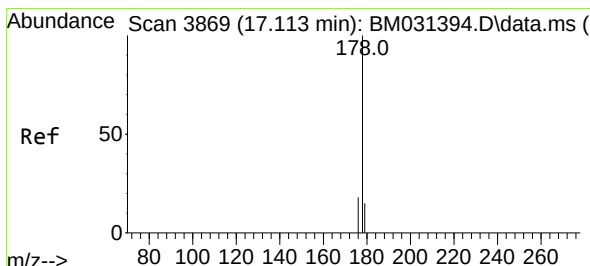
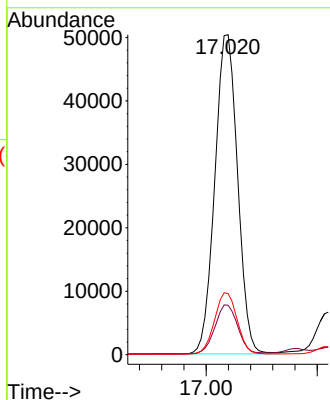
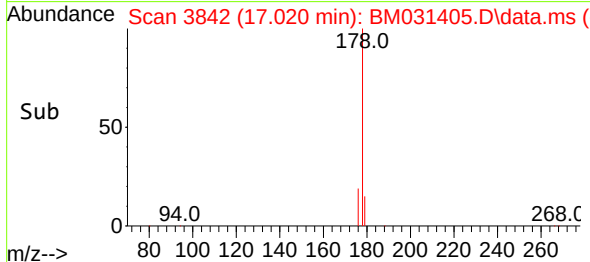
Instrument :
BNA_M
ClientSampled :
C0080



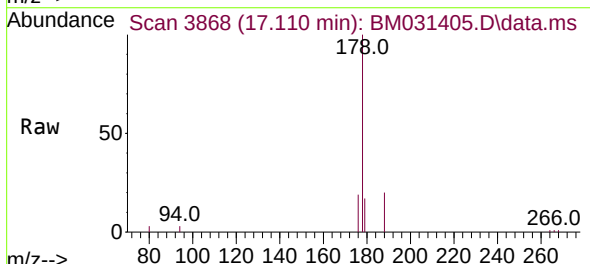
Tgt Ion:178 Resp: 71523
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4

Manual Integrations
APPROVED

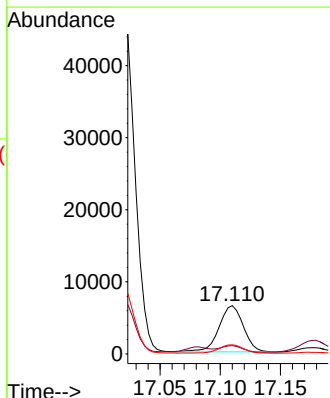
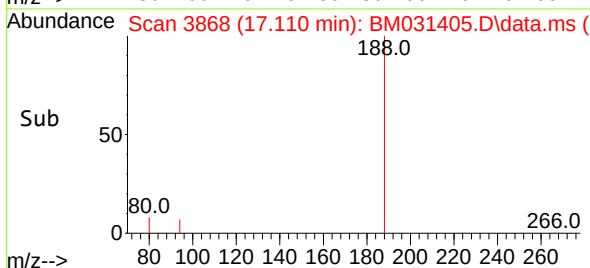
mohammad
8/4/2021 3:47:29 PM

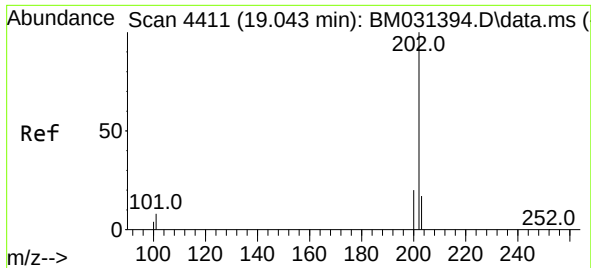


#16
Anthracene
Concen: 0.47 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



Tgt Ion:178 Resp: 9023
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.6
176 19.0 15.6 23.4





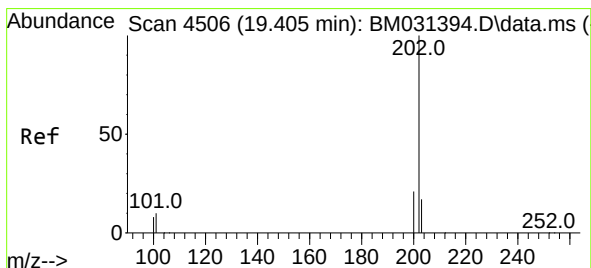
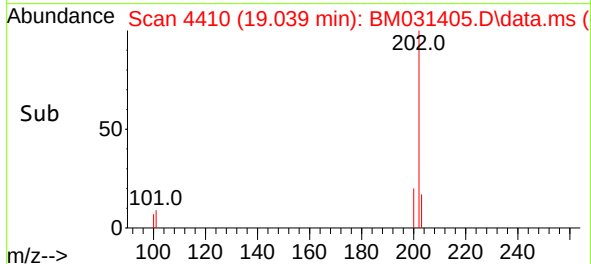
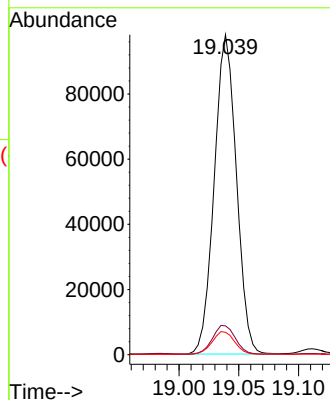
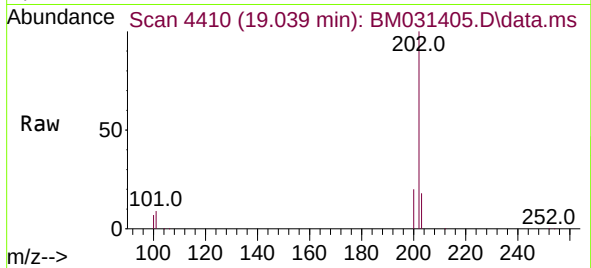
#19
Fluoranthene
Concen: 5.87 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:202 Resp: 126493
Ion Ratio Lower Upper
202 100
101 9.0 6.6 10.0
100 7.0 5.4 8.0

Instrument :
BNA_M
ClientSampled :
C0080

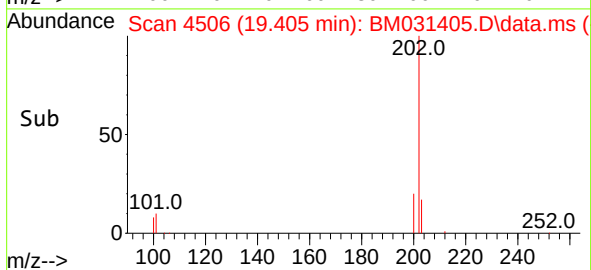
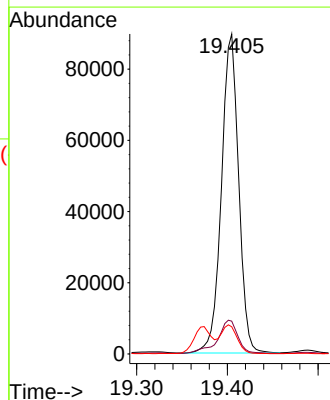
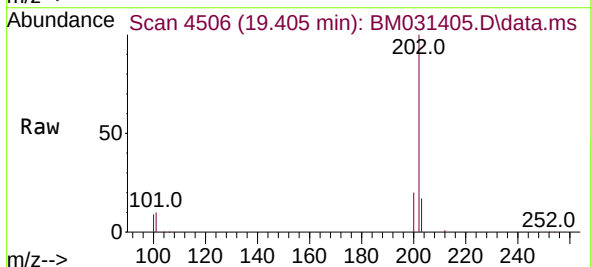
Manual Integrations
APPROVED

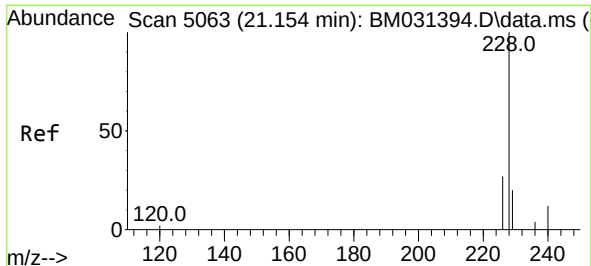
mohammad
8/4/2021 3:47:29 PM



#20
Pyrene
Concen: 5.40 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:202 Resp: 118069
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.6
100 8.5 6.6 10.0





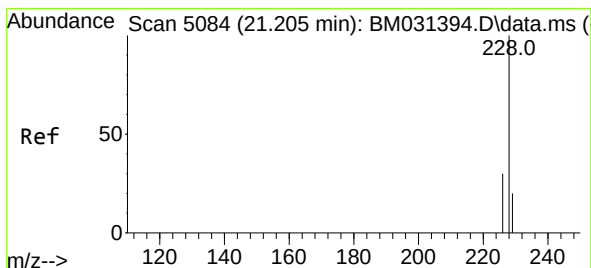
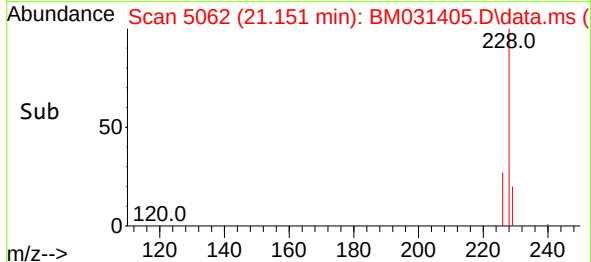
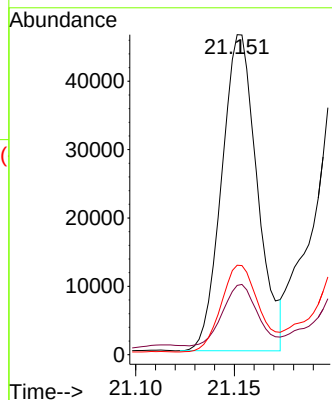
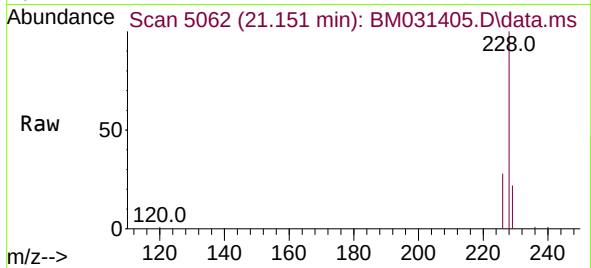
#21
Benzo(a)anthracene
Concen: 2.85 ng/u1
RT: 21.151 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:228 Resp: 58030
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 28.0 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C0080

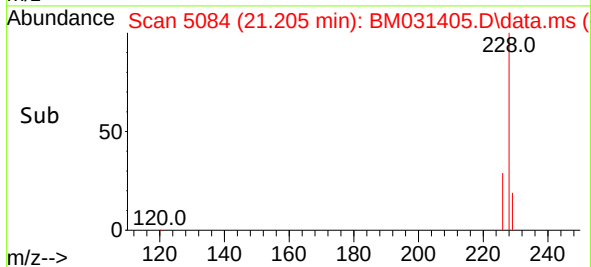
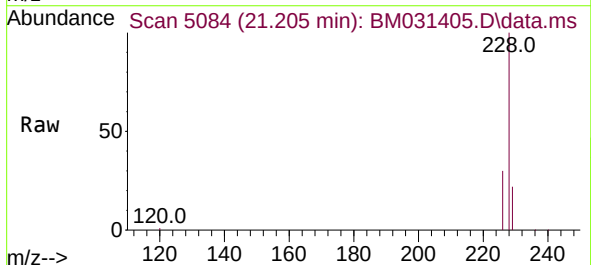
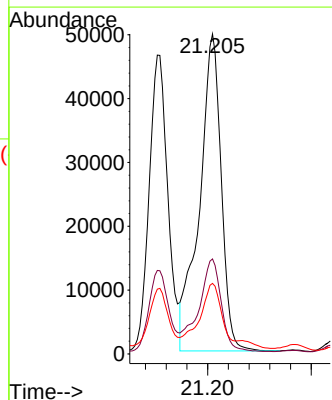
Manual Integrations
APPROVED

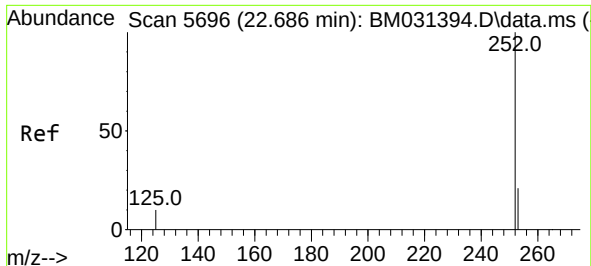
mohammad
8/4/2021 3:47:29 PM



#22
Chrysene
Concen: 3.44 ng/u1
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:228 Resp: 72413
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 22.0 16.2 24.2





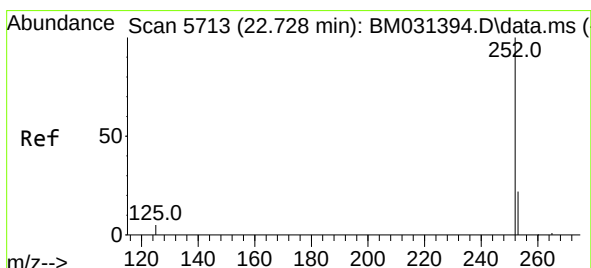
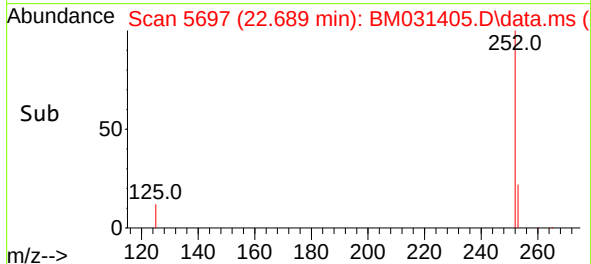
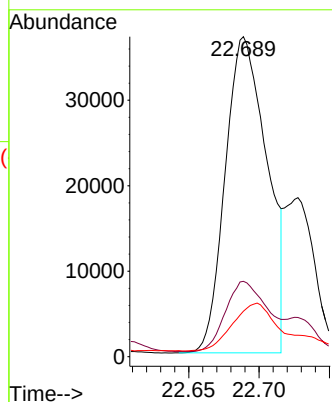
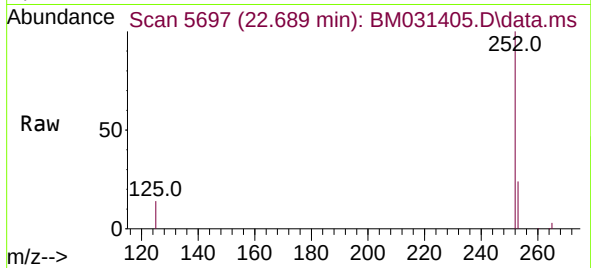
#24
Benzo(b)fluoranthene
Concen: 3.59 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:252 Resp: 76290
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.0
125 14.2 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C0080

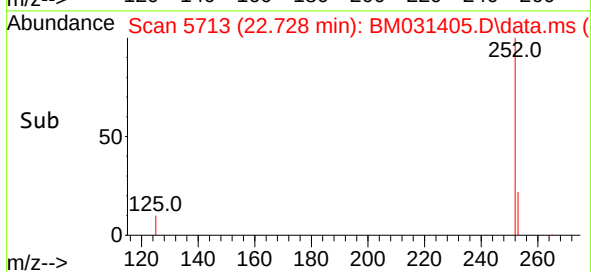
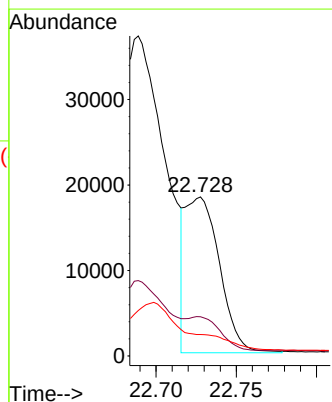
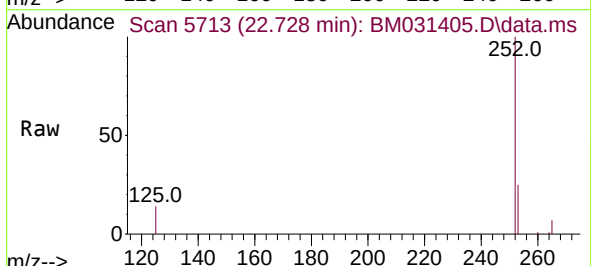
Manual Integrations
APPROVED

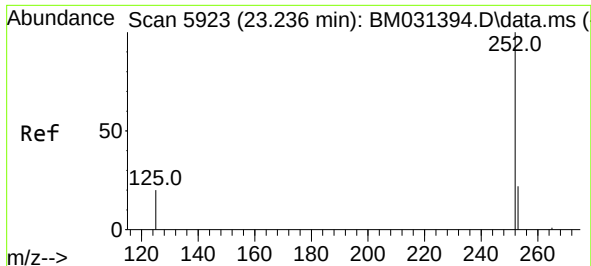
mohammad
8/4/2021 3:47:29 PM



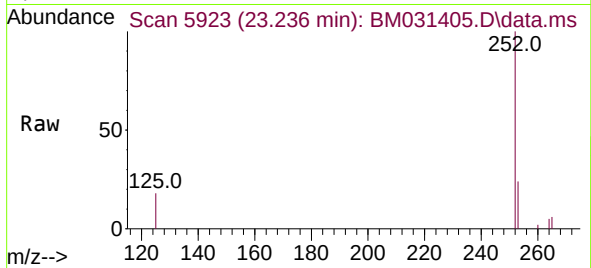
#25
Benzo(k)fluoranthene
Concen: 1.23 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52

Tgt Ion:252 Resp: 26939
Ion Ratio Lower Upper
252 100
253 24.6 21.3 31.9
125 13.5 8.8 13.2#

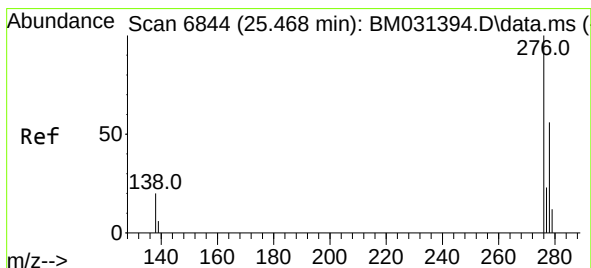
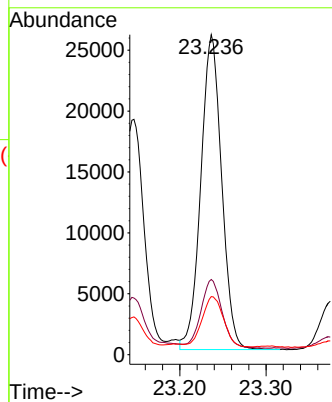
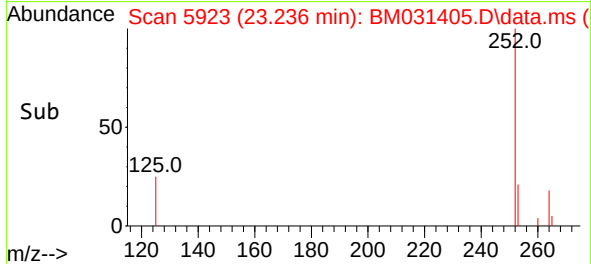




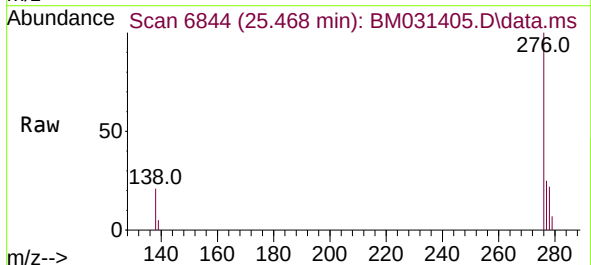
#26
Benzo(a)pyrene
Concen: 2.34 ng/ul
RT: 23.236 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



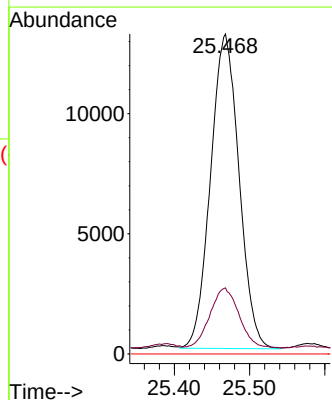
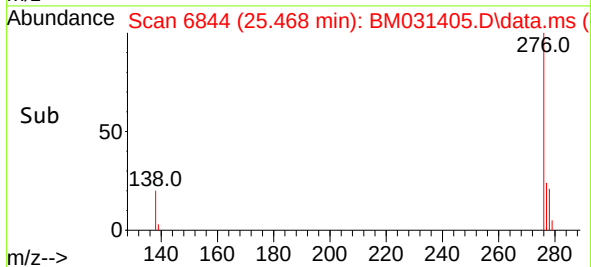
Tgt Ion:252 Resp: 43501
Ion Ratio Lower Upper
252 100
253 23.5 22.4 33.6
125 18.1 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.43 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.012 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



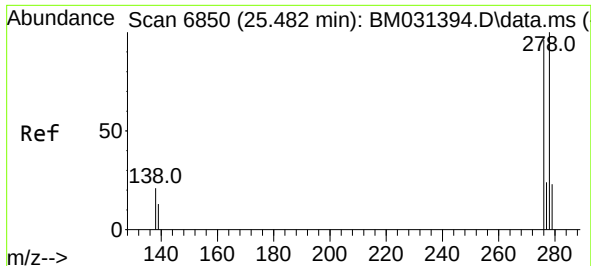
Tgt Ion:276 Resp: 34426
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0



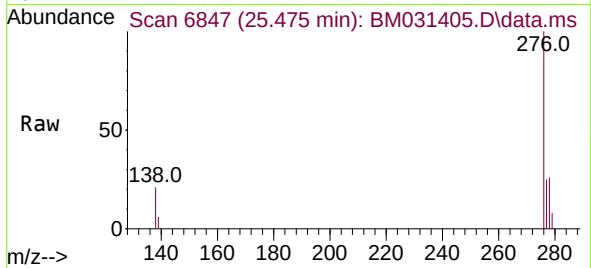
Instrument :
BNA_M
ClientSampled :
C0080

Manual Integrations
APPROVED

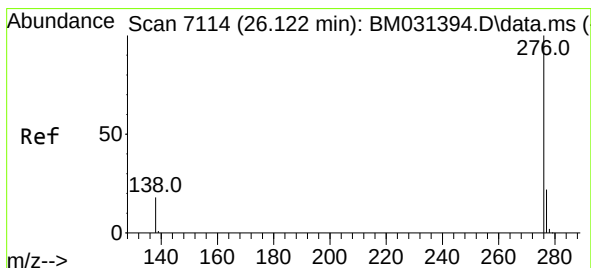
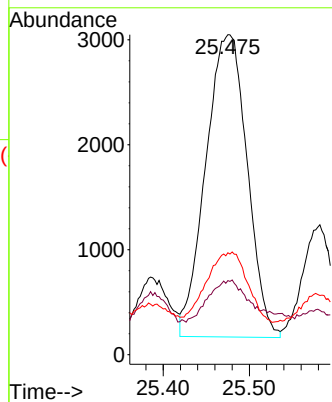
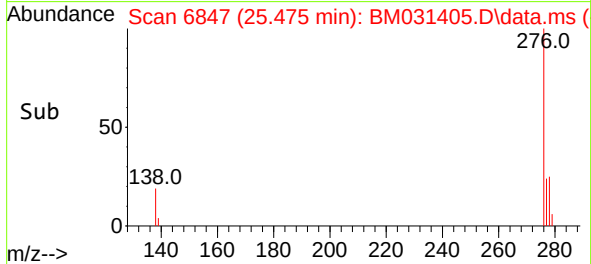
mohammad
8/4/2021 3:47:29 PM



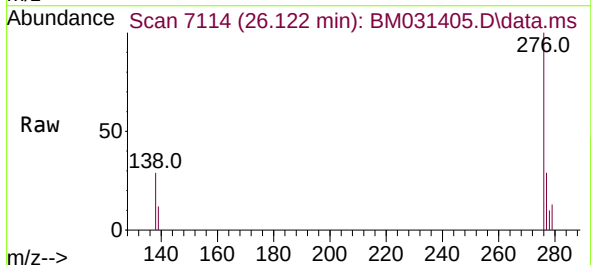
#28
Dibenzo(a,h)anthracene
Concen: 0.50 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.017 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



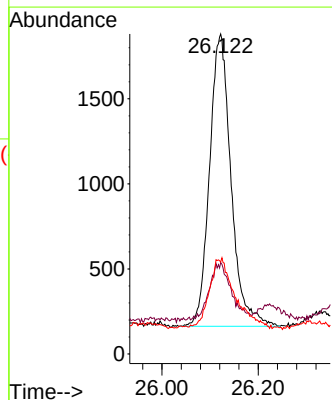
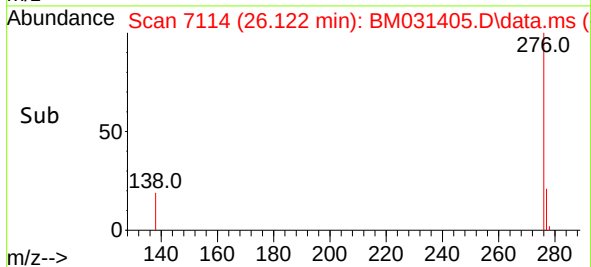
Tgt Ion: 278 Resp: 9614
Ion Ratio Lower Upper
278 100
139 23.2 13.3 19.9#
279 31.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.26 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. -0.010 min
Lab File: BM031405.D
Acq: 03 Aug 2021 09:52



Tgt Ion: 276 Resp: 5337
Ion Ratio Lower Upper
276 100
138 28.5 15.4 23.2#
277 28.8 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0080

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:29 PM