

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031526.D
 Acq On : 06 Aug 2021 21:34
 Operator : CG/JU
 Sample : M3124-21
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A1

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:12:33 PM

Quant Time: Aug 07 03:27:58 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 : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5439	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	3241	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	6033	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	4817	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4824	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2867	1.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1536	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3225	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	10640	0.657	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	7234	0.654	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	5457	0.499	ng/ul	99
10) Acenaphthylene	13.936	152	18777	1.360	ng/ul	98
11) Acenaphthene	14.281	153	2251	0.194	ng/ul	97
12) Fluorene	15.274	166	6469	0.484	ng/ul#	94
15) Phenanthrene	17.006	178	138509	7.230	ng/ul	97
16) Anthracene	17.100	178	25373	1.415	ng/ul	99
19) Fluoranthene	19.028	202	248707	12.091	ng/ul	97
20) Pyrene	19.394	202	214855	10.299	ng/ul	97
21) Benzo(a)anthracene	21.142	228	112464	5.782	ng/ul	96
22) Chrysene	21.193	228	120012	5.963	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	143933m	6.622	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	49518m	2.205	ng/ul	
26) Benzo(a)pyrene	23.222	252	96009m	5.044	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.446	276	66586	2.706	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.453	278	17989	0.907	ng/ul	95
29) Benzo(g,h,i)perylene	26.098	276	31445	1.498	ng/ul	99

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

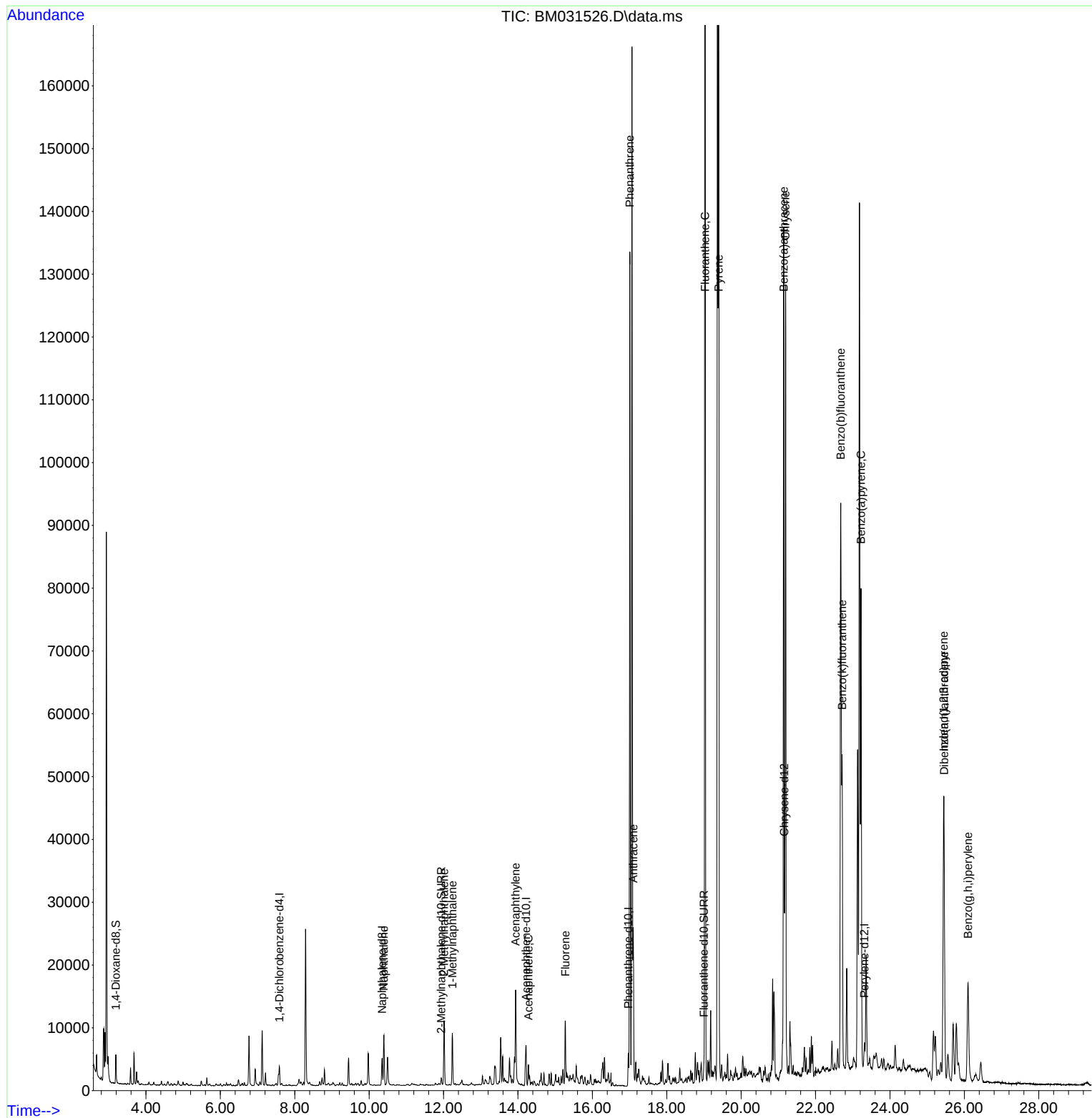
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031526.D
Acq On : 06 Aug 2021 21:34
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 52 Sample Multiplier: 1

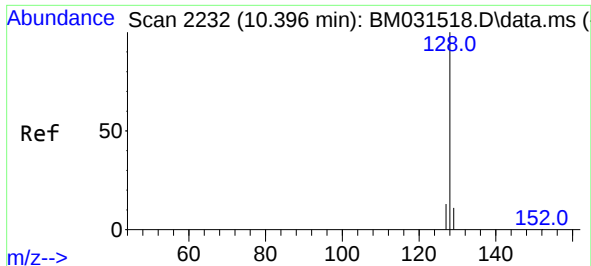
Instrument :
BNA_M
ClientSampleId :
C00A1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:33 PM

Quant Time: Aug 07 03:27:58 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 : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration





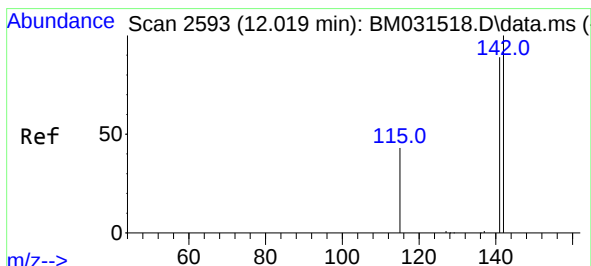
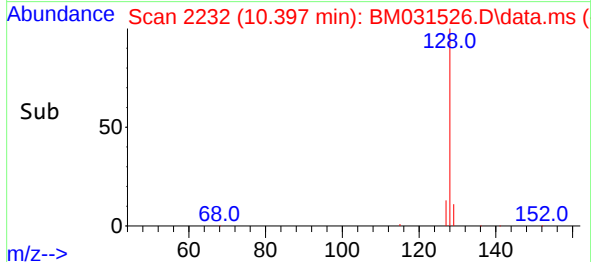
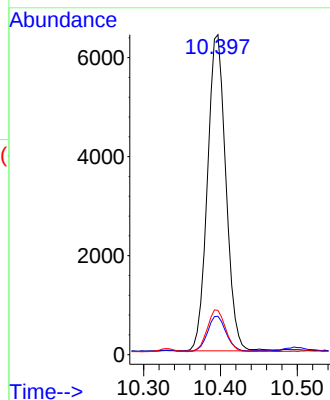
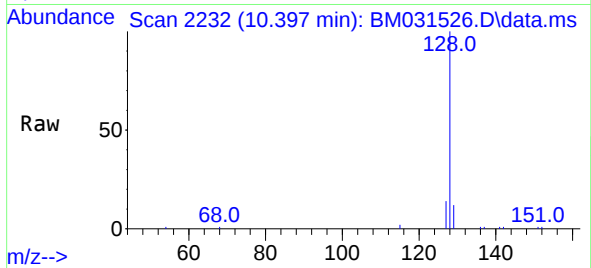
#5
Naphthalene
Concen: 0.657 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	128	Resp:	10640
Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.0	15.0
127	13.9	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C00A1

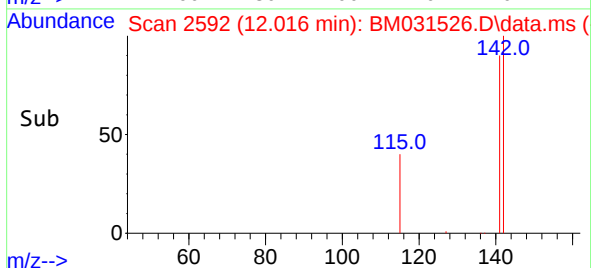
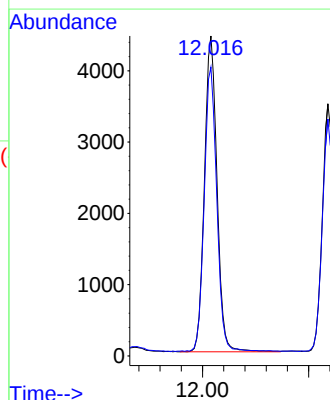
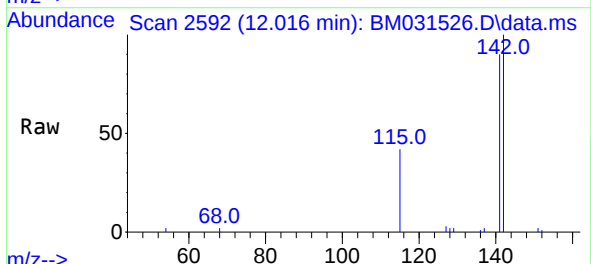
Manual Integrations
APPROVED

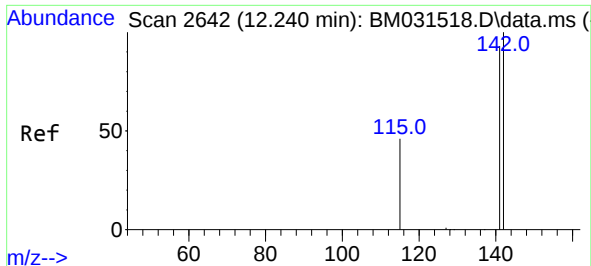
mohammad
8/9/2021 12:12:33 PM



#7
2-Methylnaphthalene
Concen: 0.654 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	142	Resp:	7234
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0





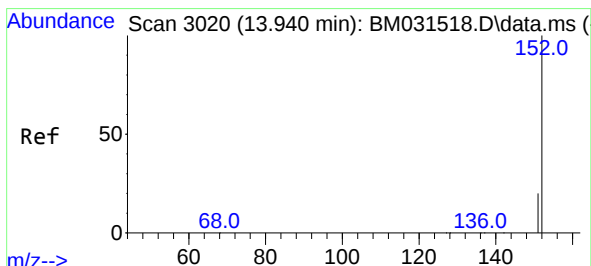
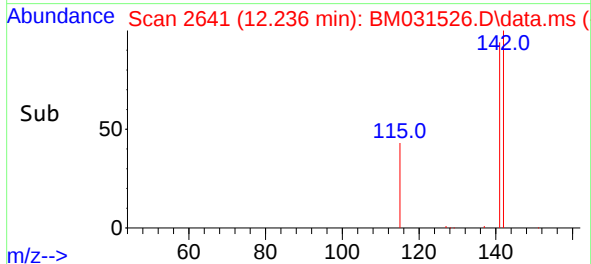
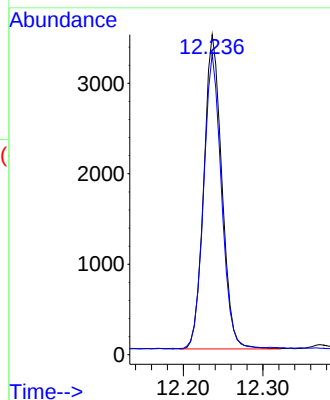
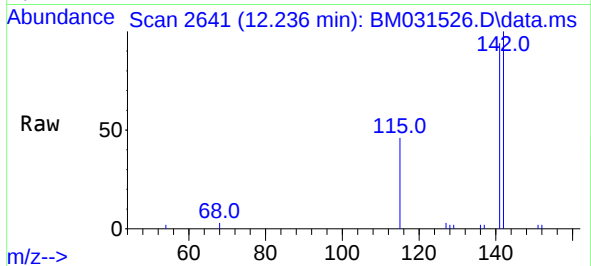
#8
1-Methylnaphthalene
Concen: 0.499 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:142 Resp: 5457
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00A1

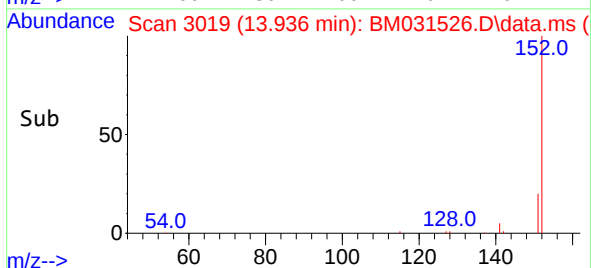
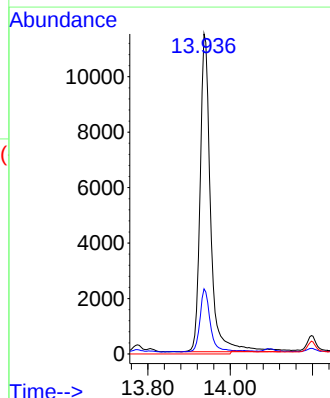
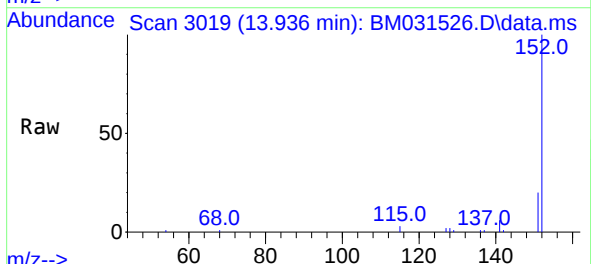
Manual Integrations
APPROVED

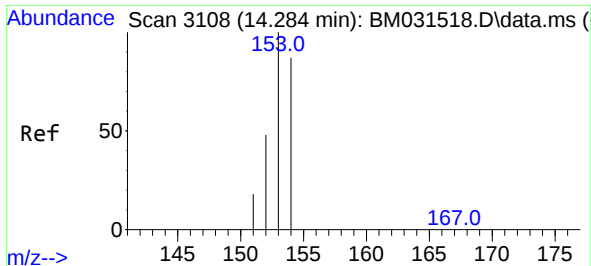
mohammad
8/9/2021 12:12:33 PM



#10
Acenaphthylene
Concen: 1.360 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

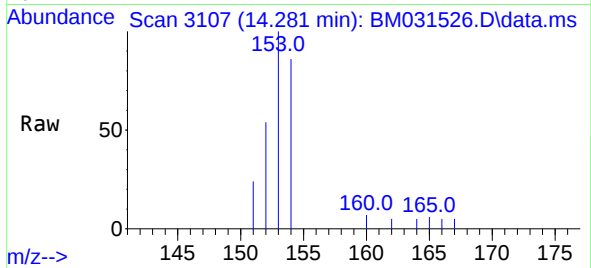
Tgt Ion:152 Resp: 18777
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

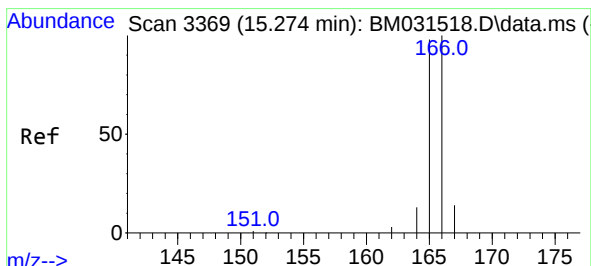
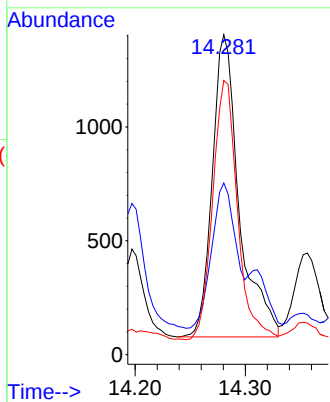
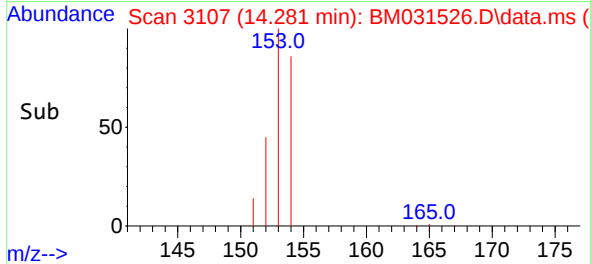
Instrument :
BNA_M
ClientSampled :
C00A1



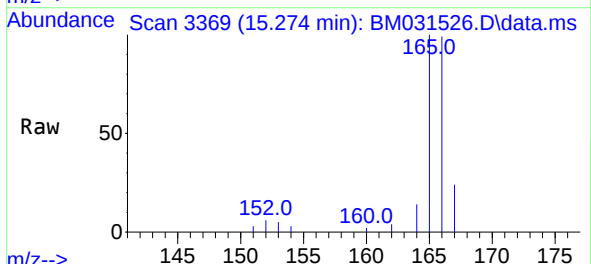
Tgt Ion:153 Resp: 2251
Ion Ratio Lower Upper
153 100
152 53.7 40.7 61.1
154 85.7 70.2 105.2

Manual Integrations
APPROVED

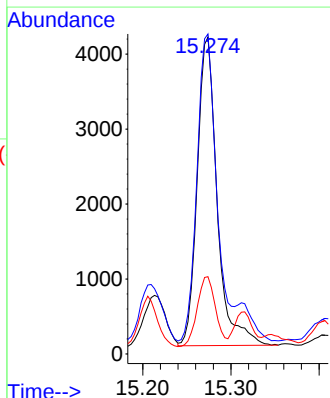
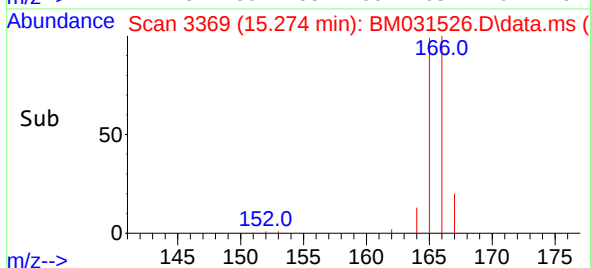
mohammad
8/9/2021 12:12:33 PM

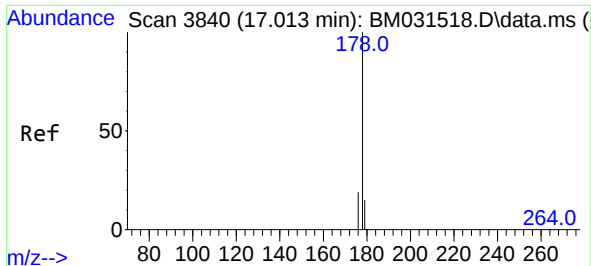


#12
Fluorene
Concen: 0.484 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

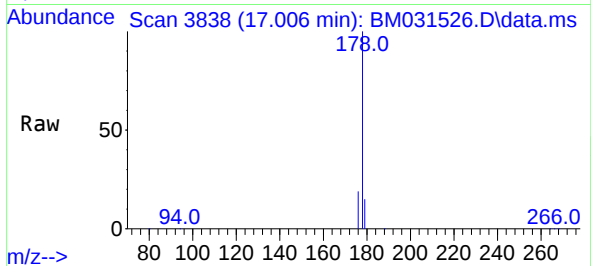


Tgt Ion:166 Resp: 6469
Ion Ratio Lower Upper
166 100
165 101.0 78.0 117.0
167 24.4 12.0 18.0#



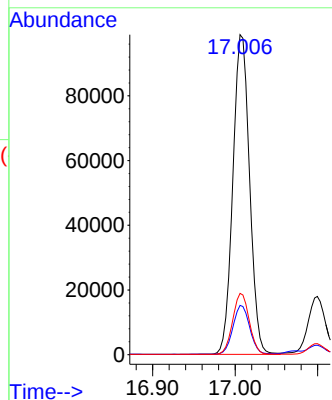


#15
Phenanthrene
Concen: 7.230 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34



Tgt Ion:178 Resp: 138509

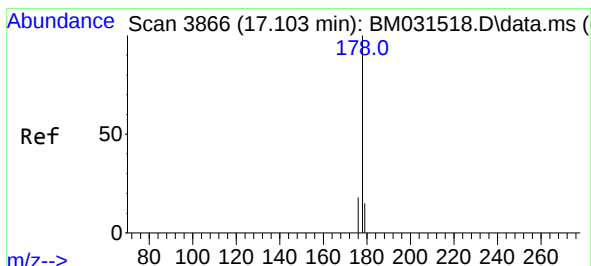
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	19.2	16.2	24.4



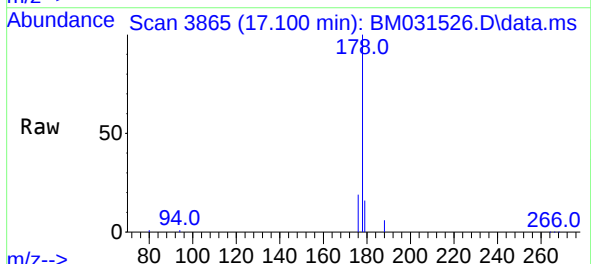
Instrument :
BNA_M
ClientSampled :
C00A1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:33 PM

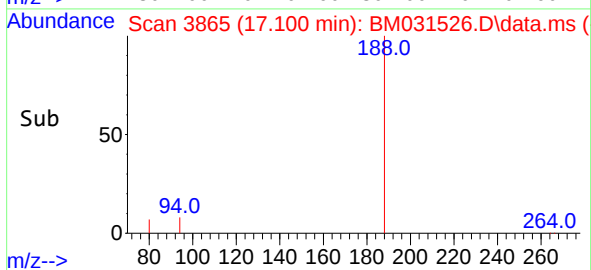
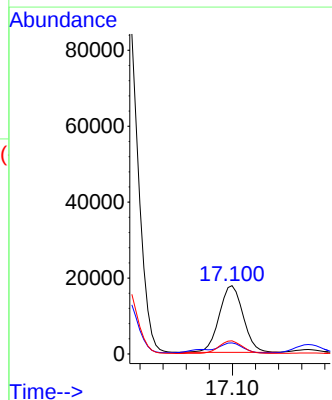


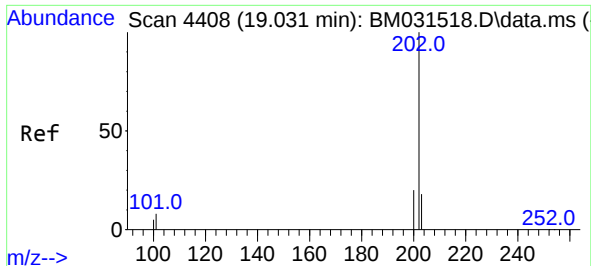
#16
Anthracene
Concen: 1.415 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34



Tgt Ion:178 Resp: 25373

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	19.1	15.6	23.4





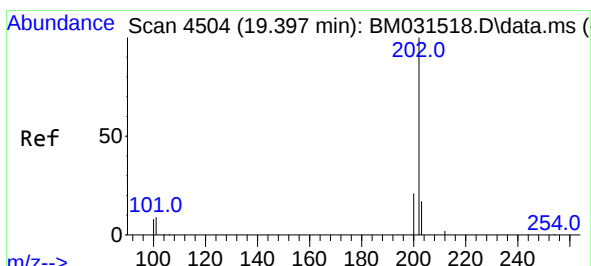
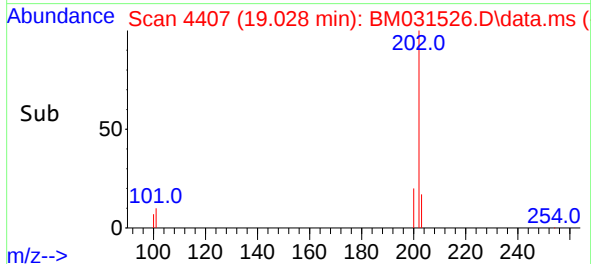
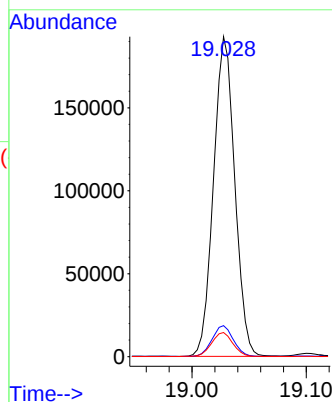
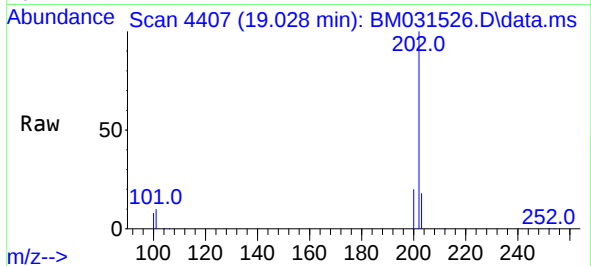
#19
Fluoranthene
Concen: 12.091 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	202	Resp:	248707
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.5	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C00A1

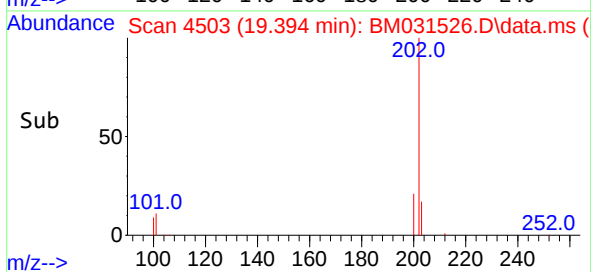
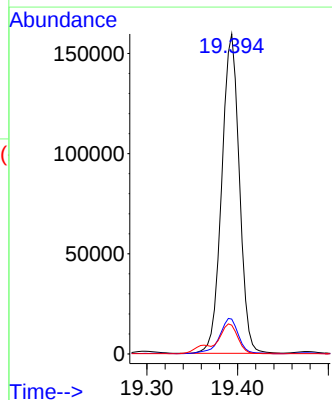
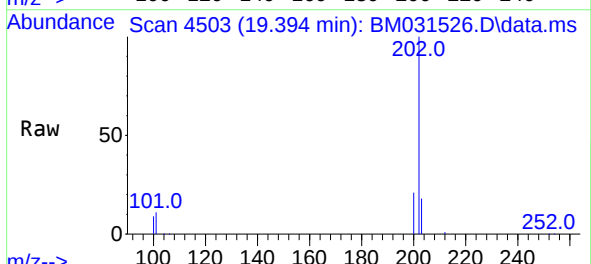
Manual Integrations
APPROVED

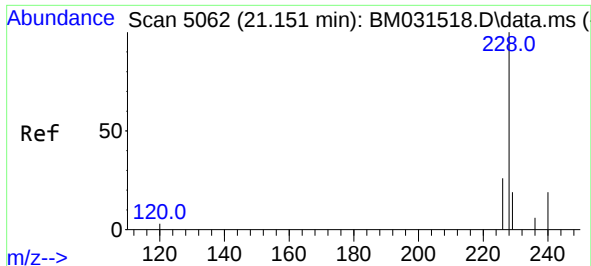
mohammad
8/9/2021 12:12:33 PM



#20
Pyrene
Concen: 10.299 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	202	Resp:	214855
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.0	6.6	10.0





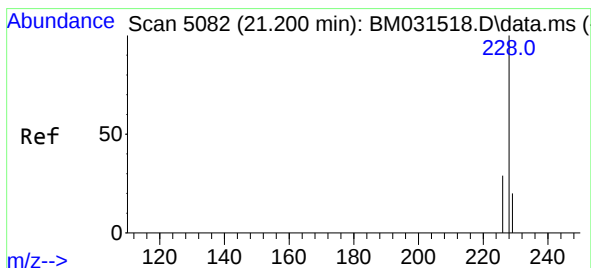
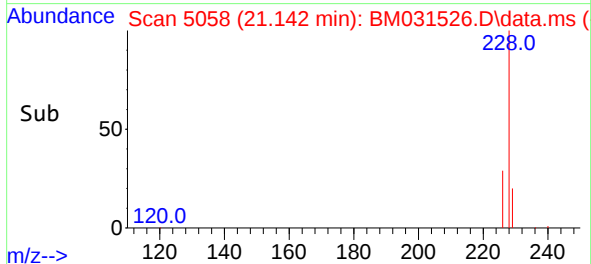
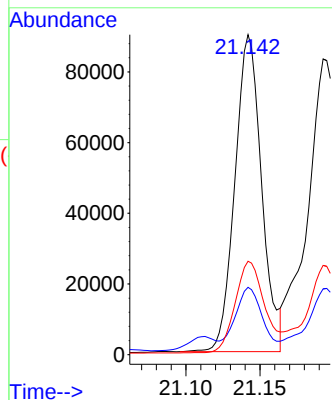
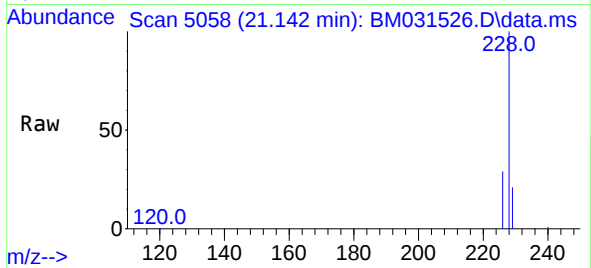
#21
Benzo(a)anthracene
Concen: 5.782 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:228 Resp: 112464
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 29.2 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00A1

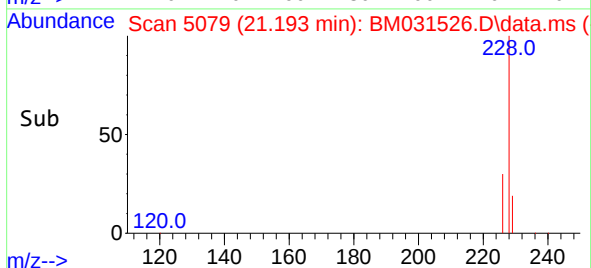
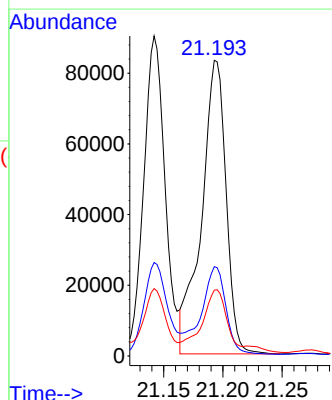
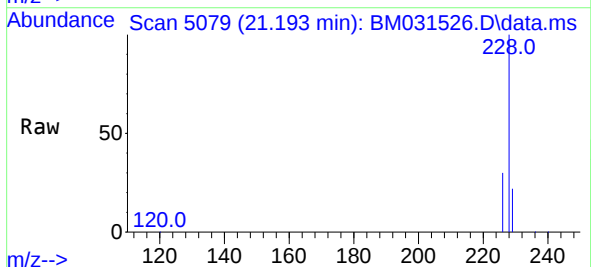
Manual Integrations
APPROVED

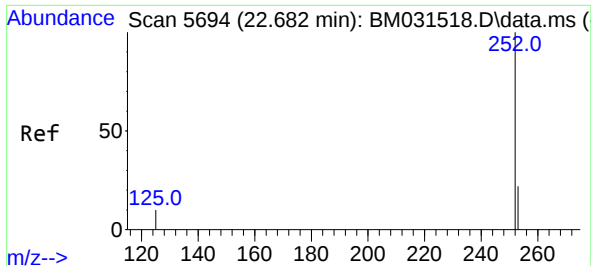
mohammad
8/9/2021 12:12:33 PM



#22
Chrysene
Concen: 5.963 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:228 Resp: 120012
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.3 16.2 24.2





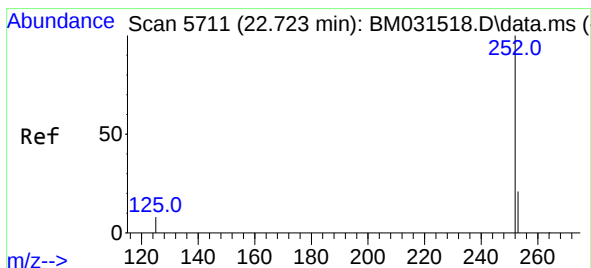
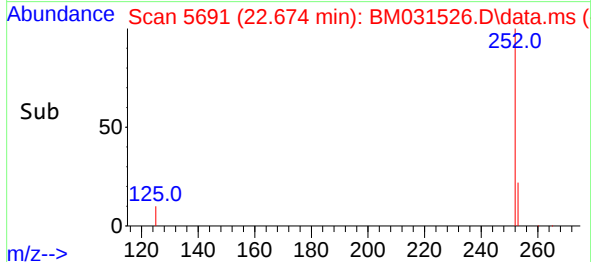
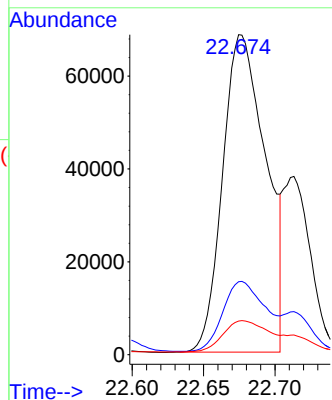
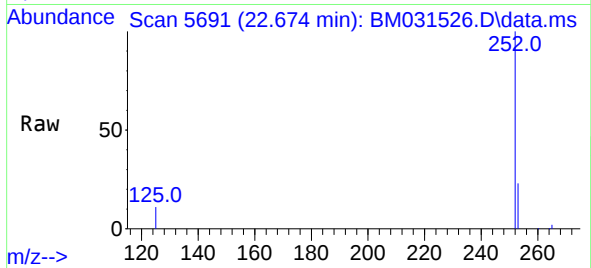
#24
Benzo(b)fluoranthene
Concen: 6.622 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:252	Resp:	143933
Ion Ratio	Lower	Upper
252	100	
253	22.8	0.0 53.0
125	10.5	0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00A1

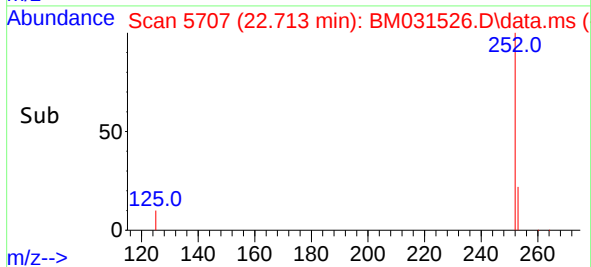
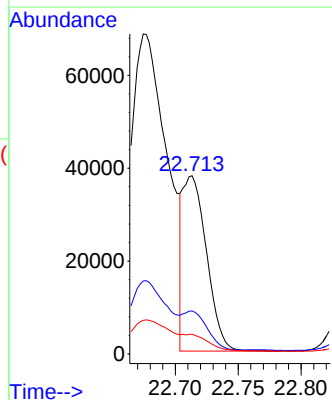
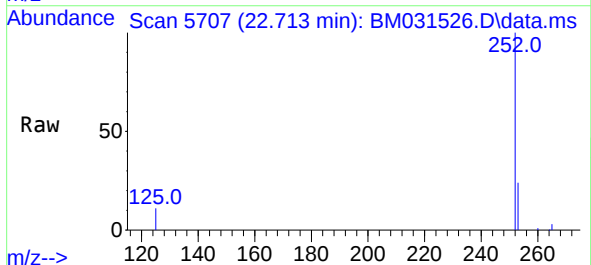
Manual Integrations
APPROVED

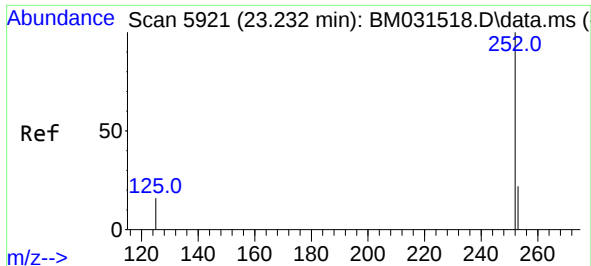
mohammad
8/9/2021 12:12:33 PM



#25
Benzo(k)fluoranthene
Concen: 2.205 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:252	Resp:	49518
Ion Ratio	Lower	Upper
252	100	
253	24.2	21.3 31.9
125	11.0	8.8 13.2





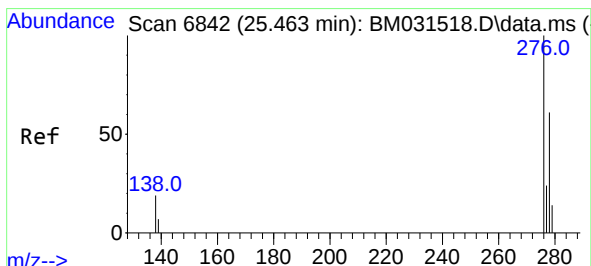
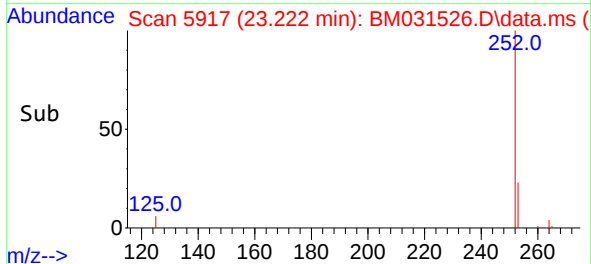
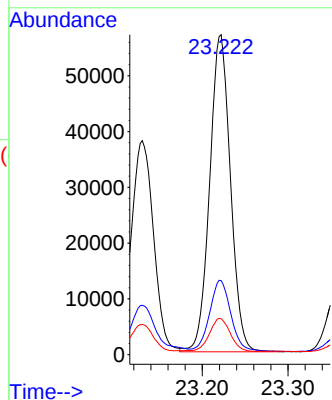
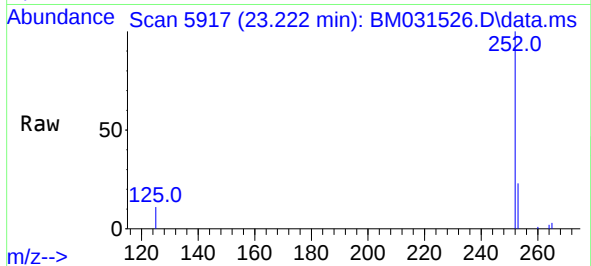
#26
Benzo(a)pyrene
Concen: 5.044 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	252	Resp:	96009
Ion Ratio	Lower	Upper	
252	100		
253	23.1	22.4	33.6
125	11.3	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C00A1

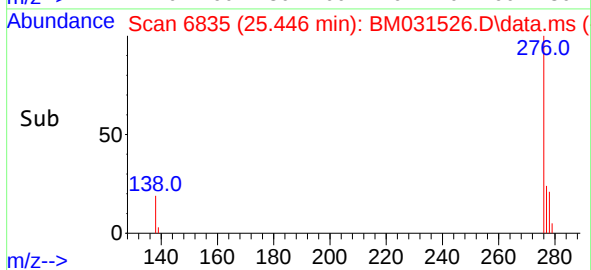
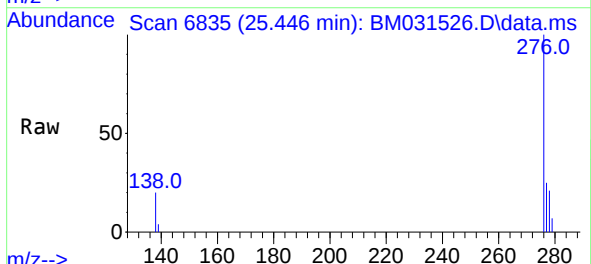
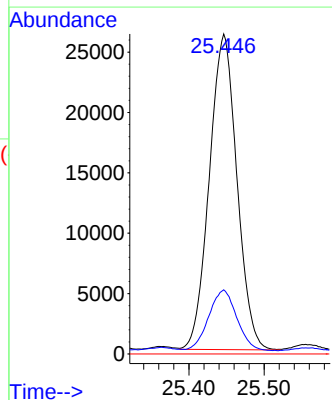
Manual Integrations
APPROVED

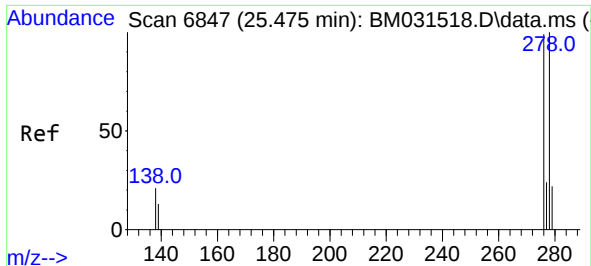
mohammad
8/9/2021 12:12:33 PM



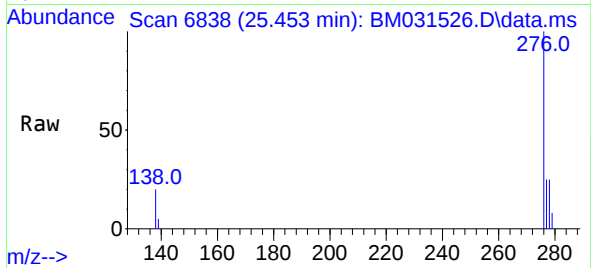
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.706 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34

Tgt Ion:	276	Resp:	66586
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.8	23.8
227	0.0	0.0	0.0

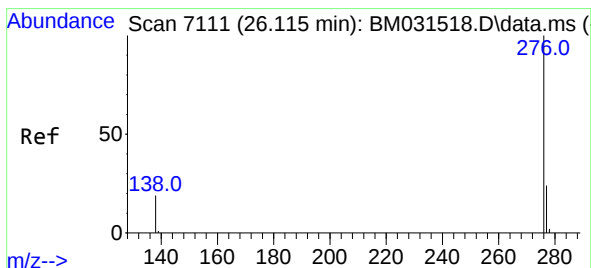
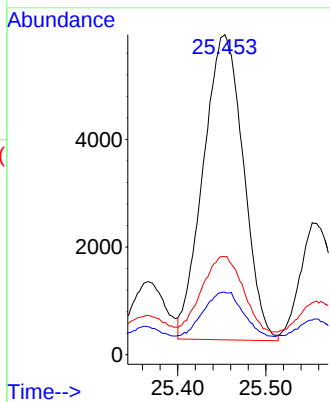
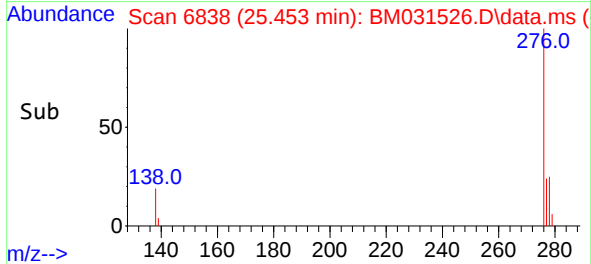




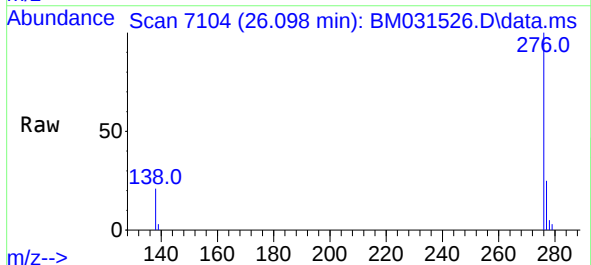
#28
Dibenzo(a,h)anthracene
Concen: 0.907 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34



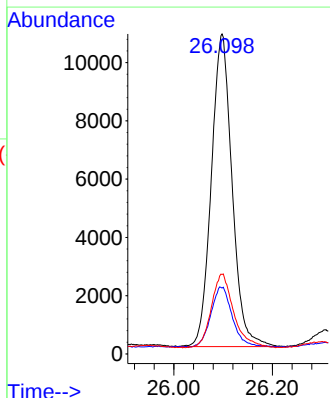
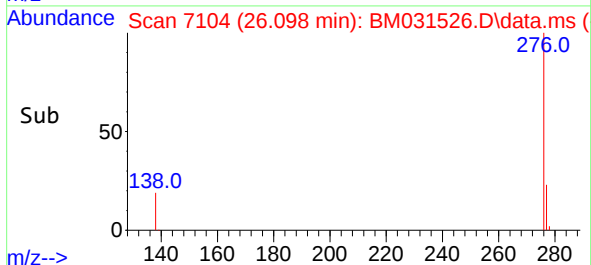
Tgt Ion:278 Resp: 17989
Ion Ratio Lower Upper
278 100
139 19.5 13.3 19.9
279 30.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.498 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031526.D
Acq: 06 Aug 2021 21:34



Tgt Ion:276 Resp: 31445
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.2
277 24.9 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:33 PM