

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031160.D
 Acq On : 26 Jul 2021 13:18
 Operator : CG/JU
 Sample : M3010-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED8

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:08:54 PM

Quant Time: Jul 26 13:59:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 10:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5628	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7865	0.400	ng/ul	0.00
17) Chrysene-d12	21.195	240	7634	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	7318	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2014	1.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1528	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4170	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.446	128	729	0.043	ng/ul#	82
10) Acenaphthylene	13.981	152	983	0.066	ng/ul#	89
11) Acenaphthene	14.322	153	450	0.034	ng/ul	93
12) Fluorene	15.315	166	553	0.036	ng/ul#	93
14) Pentachlorophenol	16.655	266	57	0.021	ng/ul#	80
15) Phenanthrene	17.047	178	6808	0.273	ng/ul	100
16) Anthracene	17.138	178	3258	0.139	ng/ul	99
19) Fluoranthene	19.065	202	28712	0.934	ng/ul	98
20) Pyrene	19.428	202	26043	0.830	ng/ul	97
21) Benzo(a)anthracene	21.178	228	20728	0.680	ng/ul	95
22) Chrysene	21.229	228	18157	0.550	ng/ul	97
24) Benzo(b)fluoranthene	22.720	252	25155m	0.731	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	9996m	0.286	ng/ul	
26) Benzo(a)pyrene	23.273	252	18833	0.633	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.516	276	9659	0.248	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.528	278	2911	0.093	ng/ul#	80
29) Benzo(g,h,i)perylene	26.173	276	5957	0.180	ng/ul#	92

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

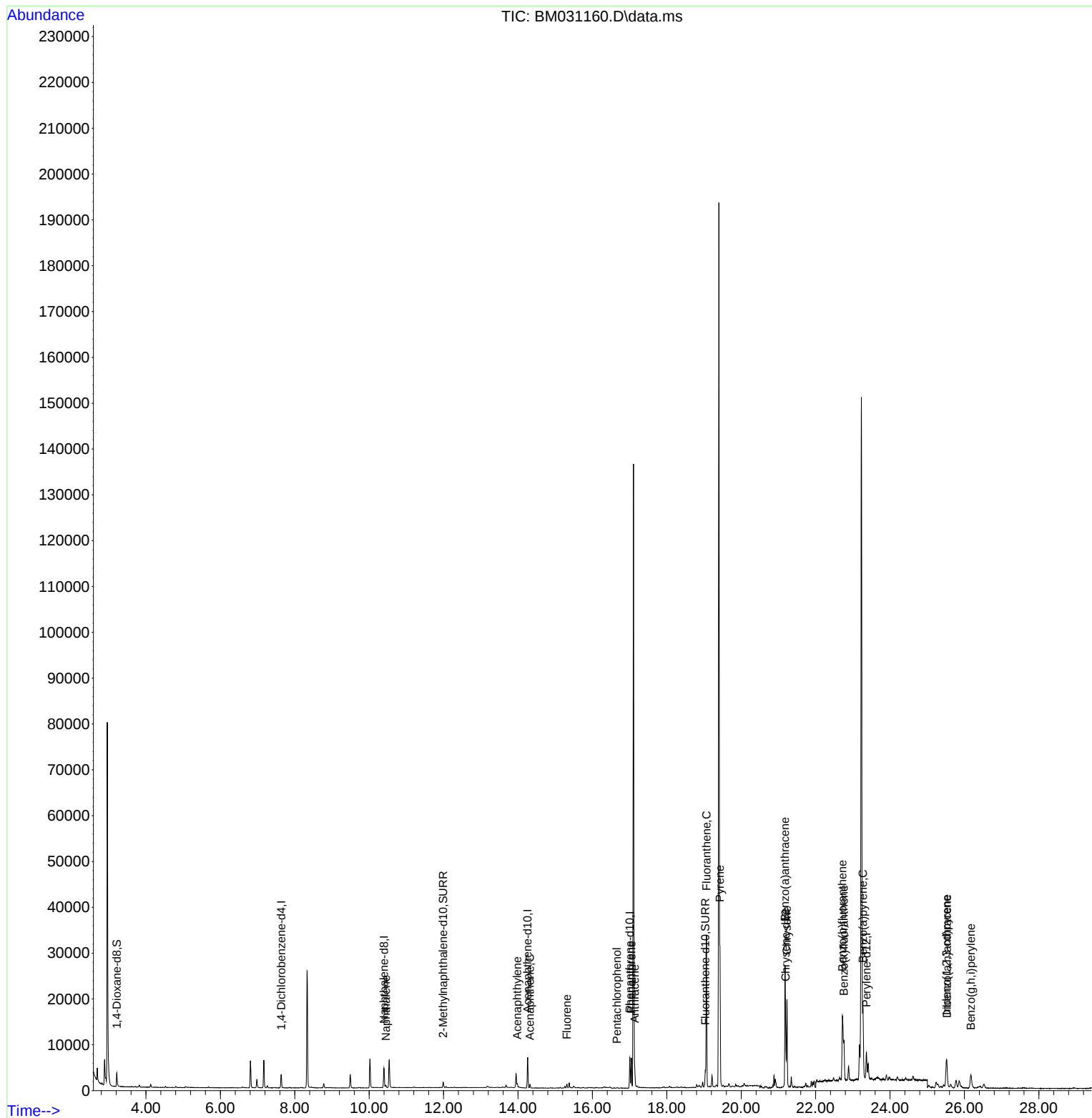
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031160.D
Acq On : 26 Jul 2021 13:18
Operator : CG/JU
Sample : M3010-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

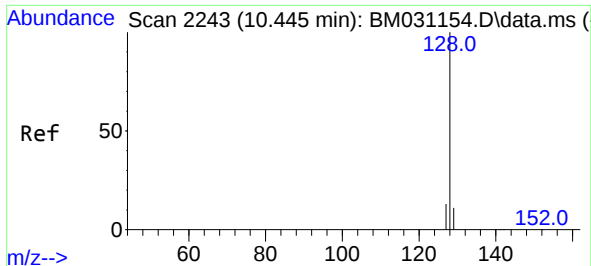
Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

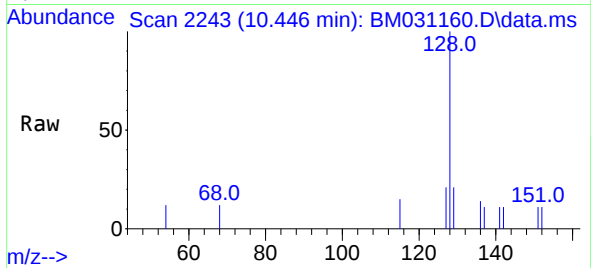
mohammad
7/27/2021 12:08:54 PM

Quant Time: Jul 26 13:59:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 10:45:49 2021
Response via : Initial Calibration

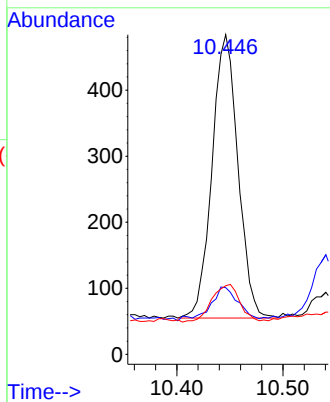
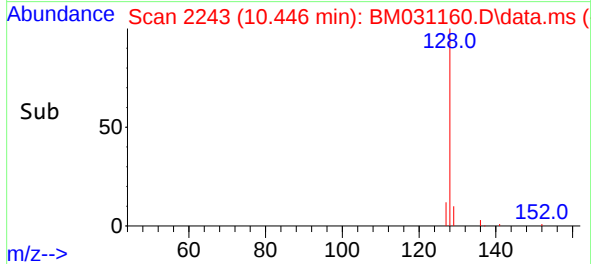




#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



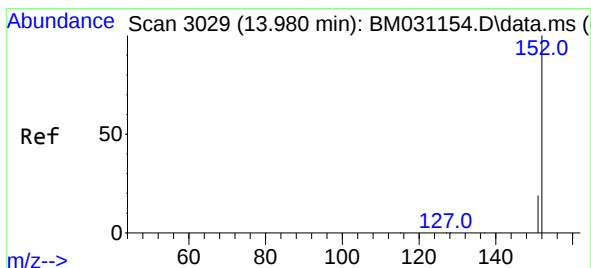
Tgt Ion:128 Resp: 729
Ion Ratio Lower Upper
128 100
129 20.9 10.2 15.4#
127 21.5 11.8 17.8#



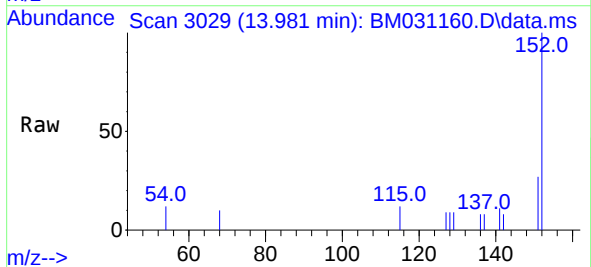
Instrument :
BNA_M
ClientSampled :
BGED8

Manual Integrations
APPROVED

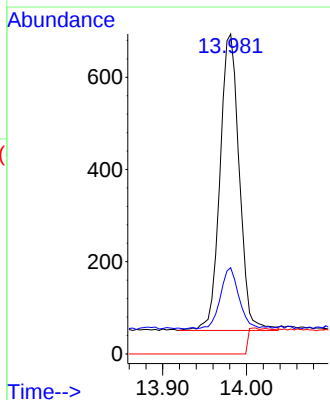
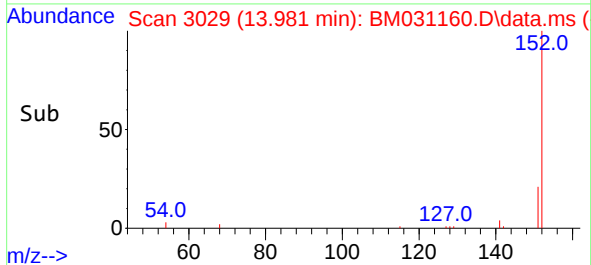
mohammad
7/27/2021 12:08:54 PM

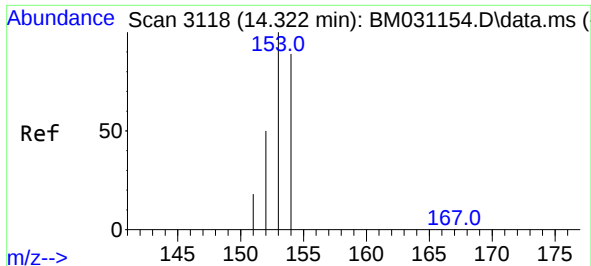


#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



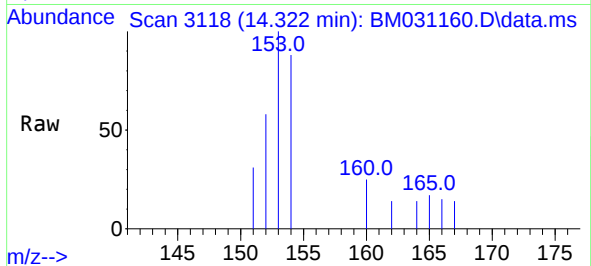
Tgt Ion:152 Resp: 983
Ion Ratio Lower Upper
152 100
151 26.9 17.5 26.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

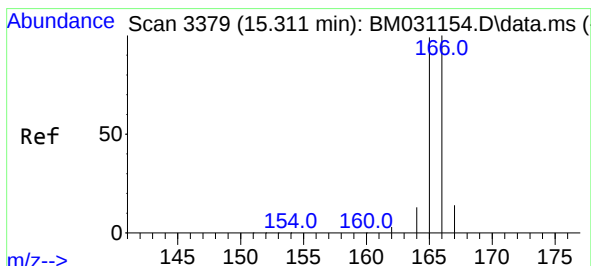
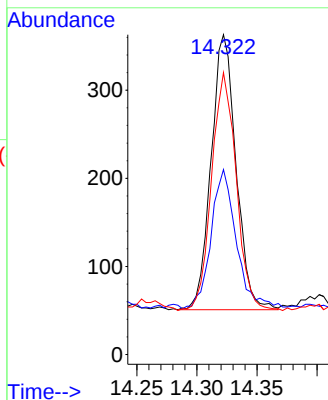
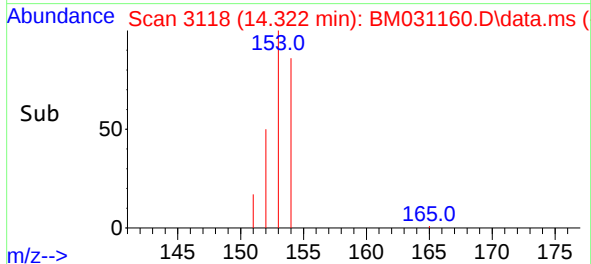
Instrument :
BNA_M
ClientSampled :
BGED8



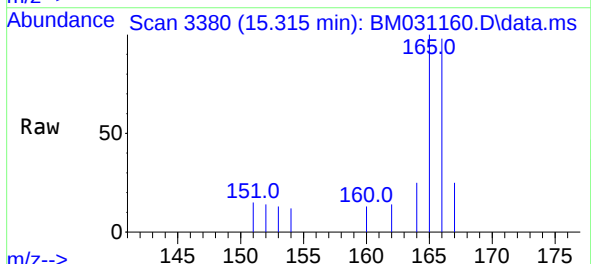
Tgt Ion:153 Resp: 450
Ion Ratio Lower Upper
153 100
152 57.9 39.4 59.2
154 88.2 68.2 102.4

Manual Integrations
APPROVED

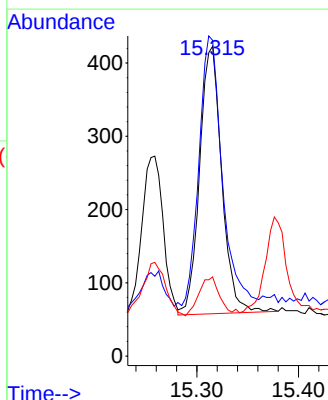
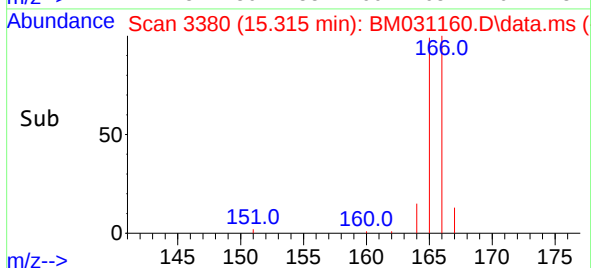
mohammad
7/27/2021 12:08:54 PM

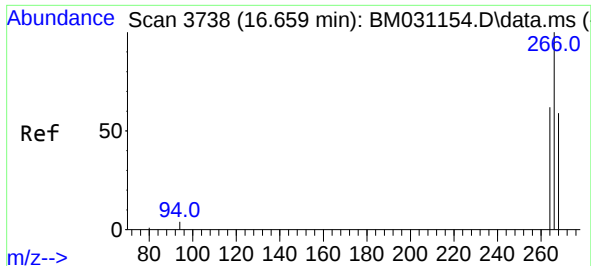


#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.315 min Scan# 3380
Delta R.T. 0.004 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



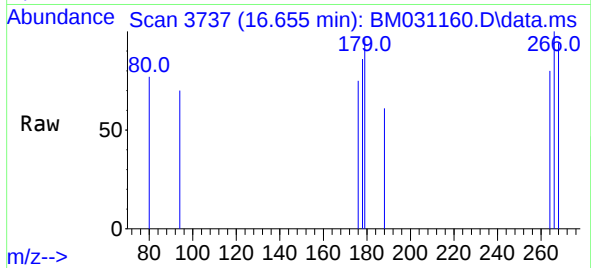
Tgt Ion:166 Resp: 553
Ion Ratio Lower Upper
166 100
165 101.9 78.2 117.2
167 25.5 12.3 18.5#





#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.655 min Scan# 3737
Delta R.T. -0.003 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

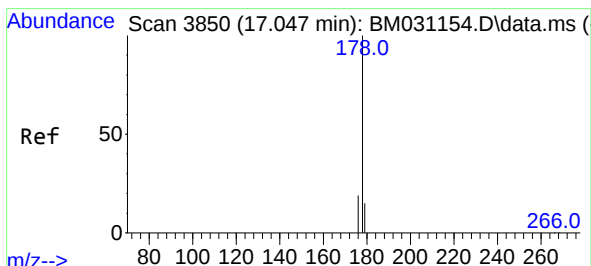
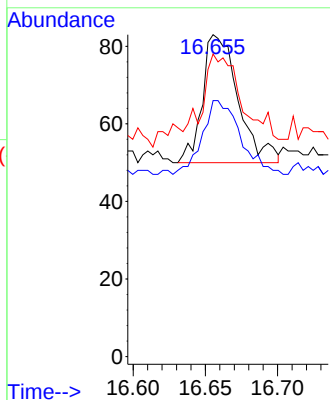
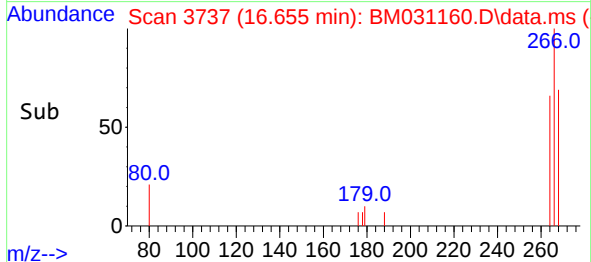
Instrument :
BNA_M
ClientSampled :
BGED8



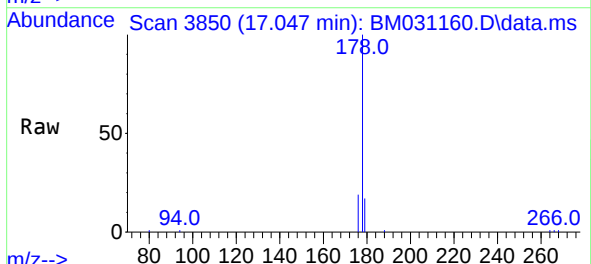
Tgt Ion:266 Resp: 57
Ion Ratio Lower Upper
266 100
264 61.4 50.9 76.3
268 93.0 51.2 76.8#

Manual Integrations
APPROVED

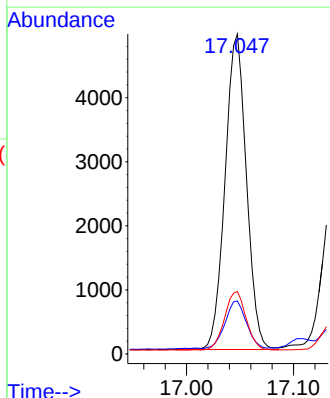
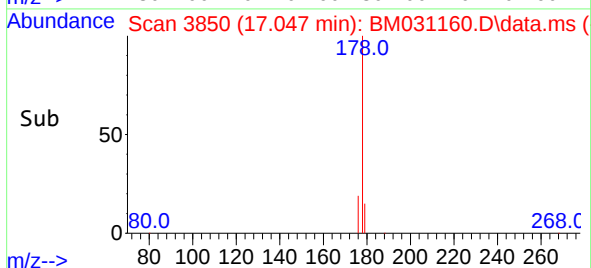
mohammad
7/27/2021 12:08:54 PM

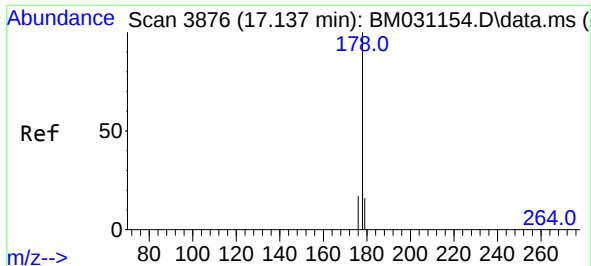


#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



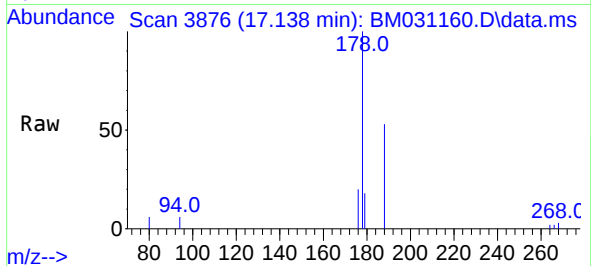
Tgt Ion:178 Resp: 6808
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.138 min Scan# 3876
 Delta R.T. 0.000 min
 Lab File: BM031160.D
 Acq: 26 Jul 2021 13:18

Instrument :
 BNA_M
 ClientSampleId :
 BGED8

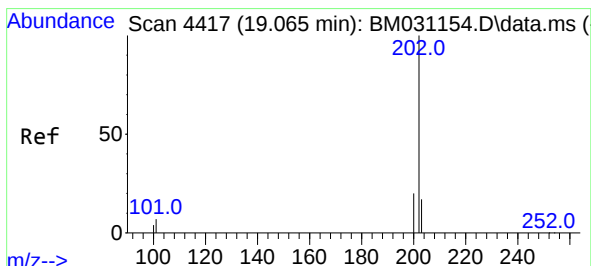
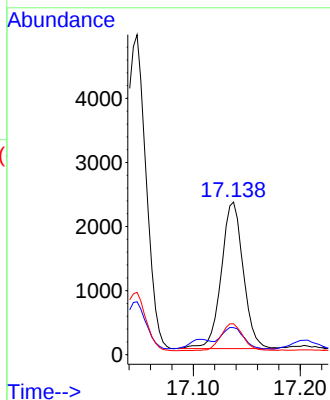
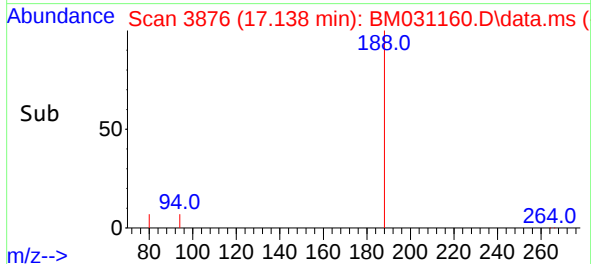


Tgt Ion:178 Resp: 3258

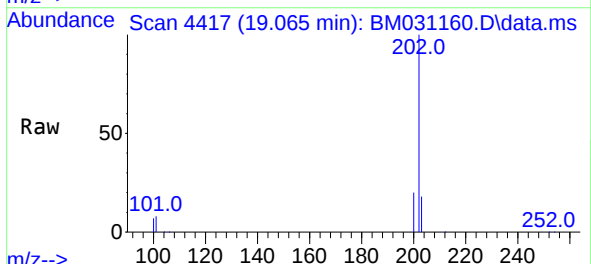
Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.8	20.8
176	20.2	15.7	23.5

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:08:54 PM

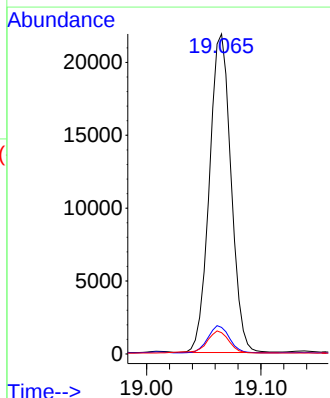
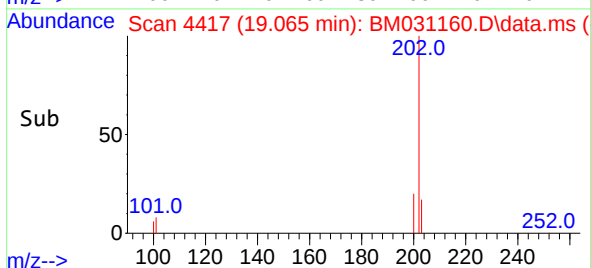


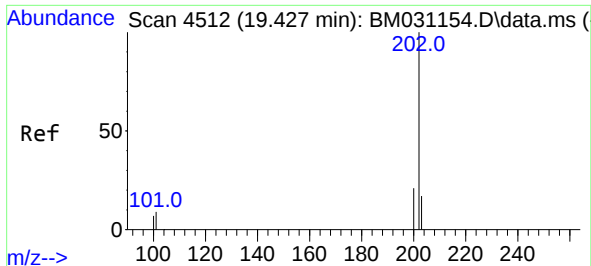
#19
 Fluoranthene
 Concen: 0.934 ng/ul
 RT: 19.065 min Scan# 4417
 Delta R.T. 0.000 min
 Lab File: BM031160.D
 Acq: 26 Jul 2021 13:18



Tgt Ion:202 Resp: 28712

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.0	9.0
100	6.6	4.8	7.2





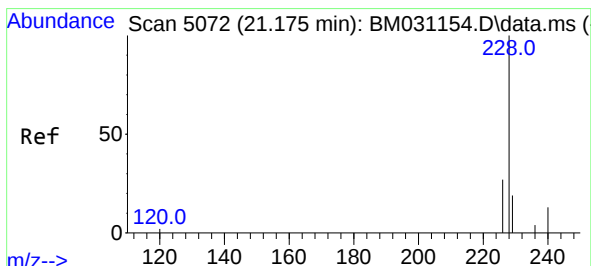
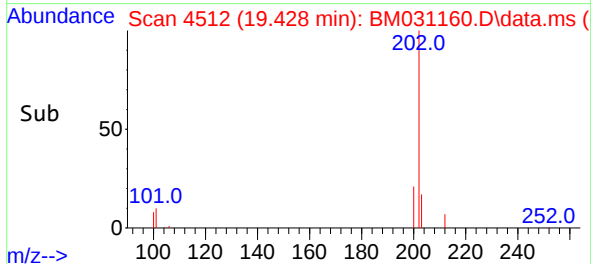
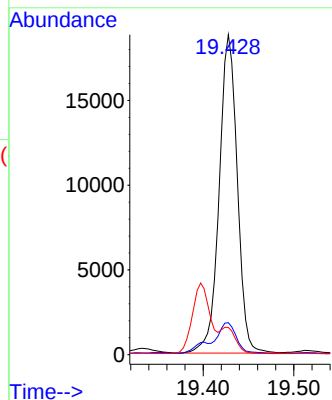
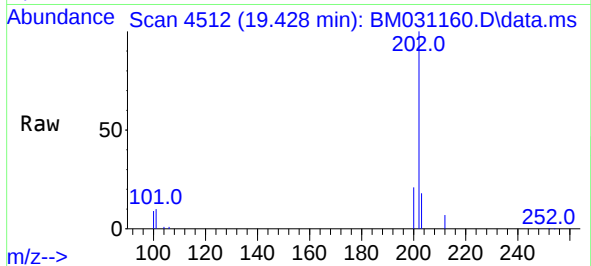
#20
Pyrene
Concen: 0.830 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

Tgt Ion:	202	Resp:	26043
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.4	11.0
100	8.5	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
BGED8

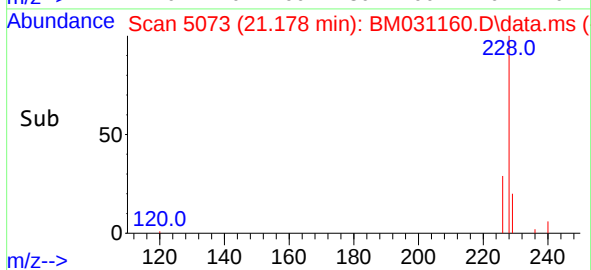
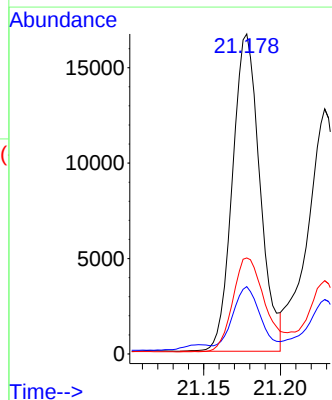
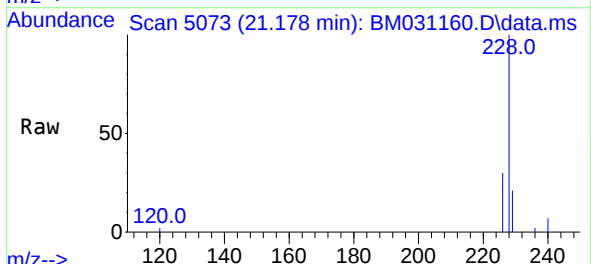
Manual Integrations
APPROVED

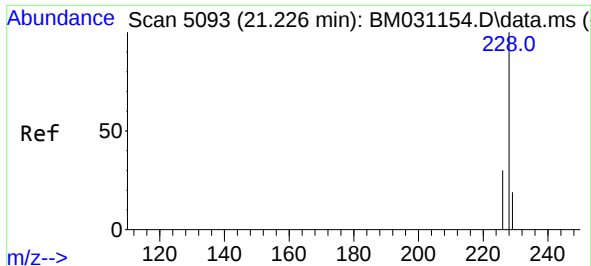
mohammad
7/27/2021 12:08:54 PM



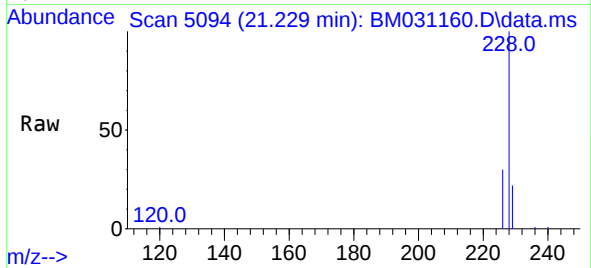
#21
Benzo(a)anthracene
Concen: 0.680 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

Tgt Ion:	228	Resp:	20728
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.0	24.0
226	30.0	21.4	32.2

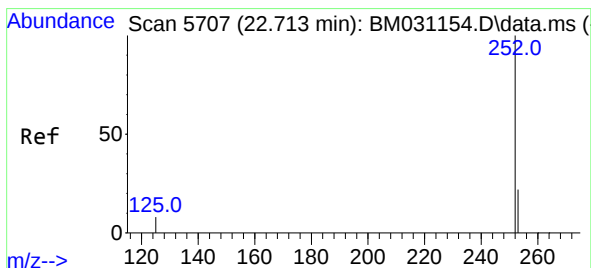
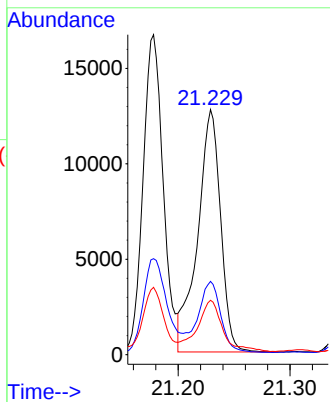
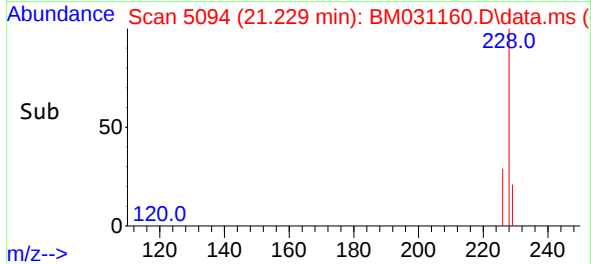




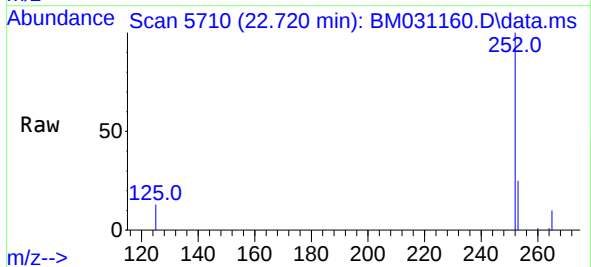
#22
Chrysene
Concen: 0.550 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. 0.003 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



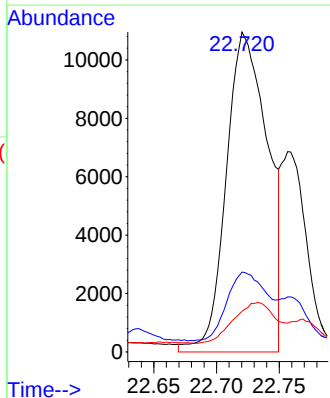
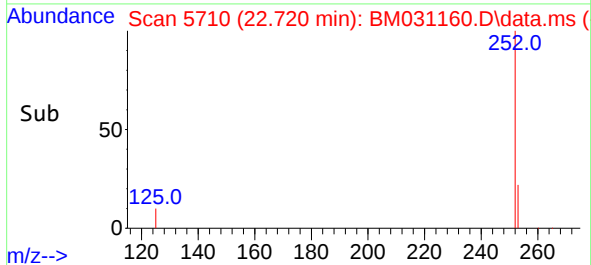
Tgt Ion:228 Resp: 18157
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.2 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 0.731 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



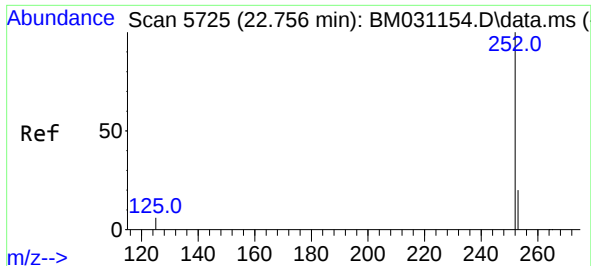
Tgt Ion:252 Resp: 25155
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 12.7 0.0 20.2



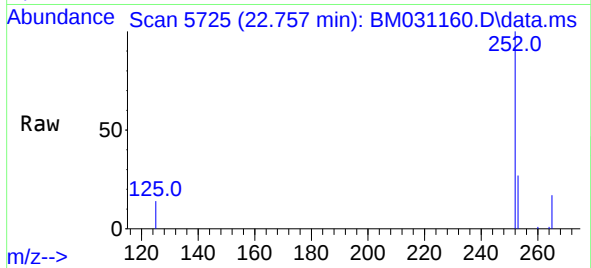
Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

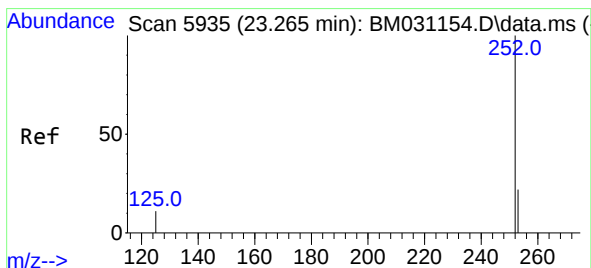
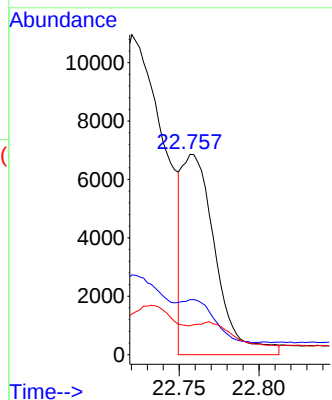
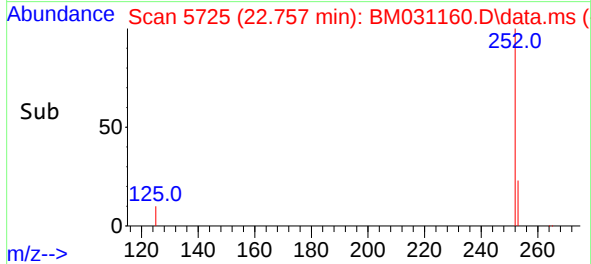
mohammad
7/27/2021 12:08:54 PM



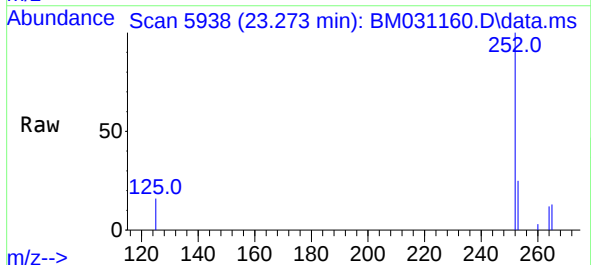
#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. 0.000 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



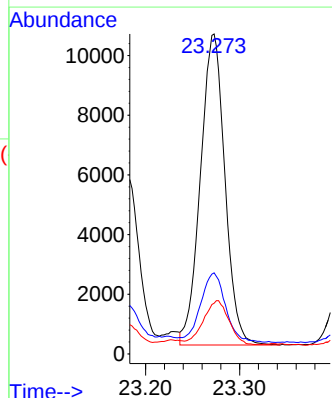
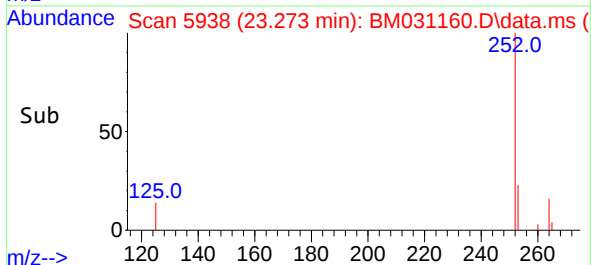
Tgt Ion:252 Resp: 9996
Ion Ratio Lower Upper
252 100
253 27.5 21.6 32.4
125 14.4 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 0.633 ng/ul
RT: 23.273 min Scan# 5938
Delta R.T. 0.007 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18



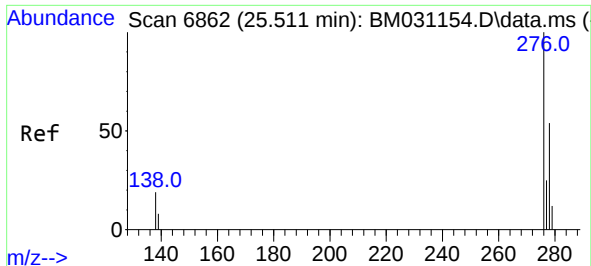
Tgt Ion:252 Resp: 18833
Ion Ratio Lower Upper
252 100
253 25.4 23.1 34.7
125 15.9 10.7 16.1



Instrument :
BNA_M
ClientSampled :
BGED8

Manual Integrations
APPROVED

mohammad
7/27/2021 12:08:54 PM



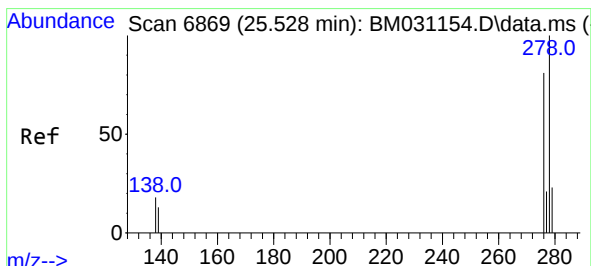
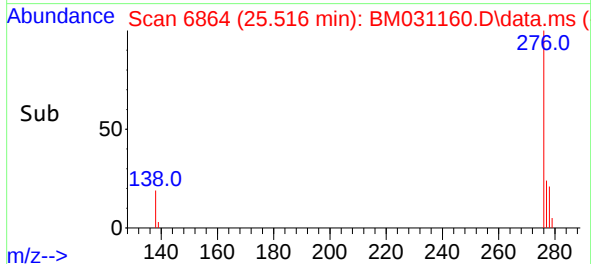
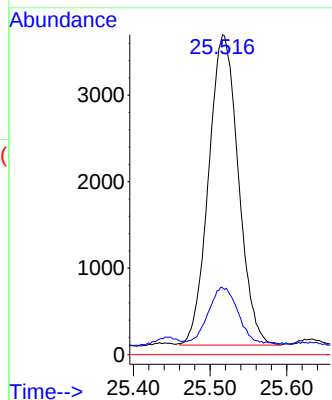
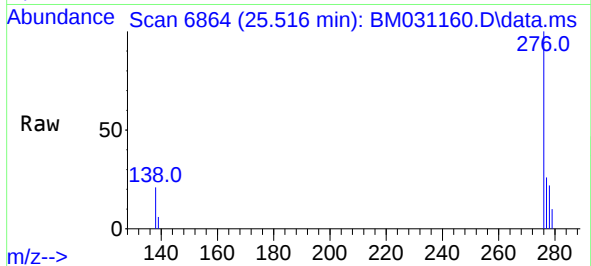
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.248 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. 0.005 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

Tgt Ion: 276 Resp: 9659
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.0
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
BGED8

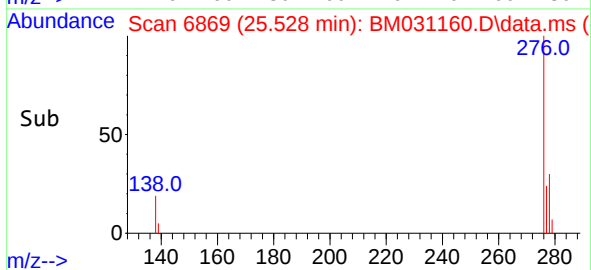
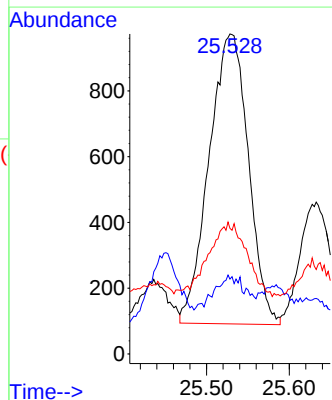
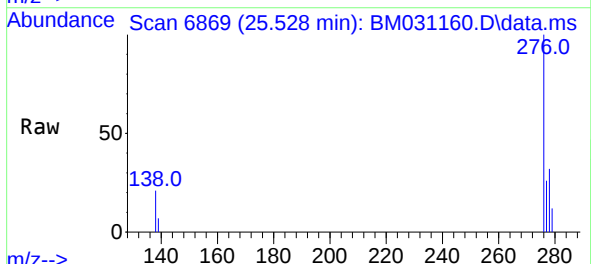
Manual Integrations
APPROVED

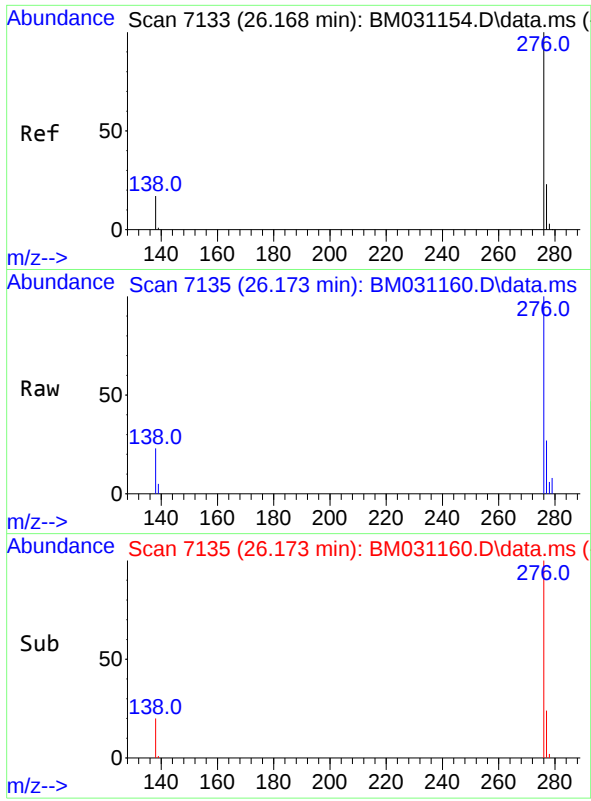
mohammad
7/27/2021 12:08:54 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.528 min Scan# 6869
Delta R.T. 0.000 min
Lab File: BM031160.D
Acq: 26 Jul 2021 13:18

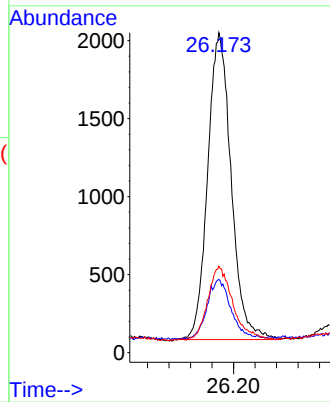
Tgt Ion: 278 Resp: 2911
Ion Ratio Lower Upper
278 100
139 23.4 12.6 18.8#
279 39.3 22.6 34.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.180 ng/ul
 RT: 26.173 min Scan# 7135
 Delta R.T. 0.005 min
 Lab File: BM031160.D
 Acq: 26 Jul 2021 13:18

Tgt Ion:	276	Resp:	5957
Ion	Ratio	Lower	Upper
276	100		
138	22.9	14.0	21.0#
277	27.1	19.9	29.9



Instrument :
 BNA_M
 ClientSampleId :
 BGED8

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:08:54 PM