

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031157.D
 Acq On : 26 Jul 2021 11:27
 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 12:08:45 PM

Quant Time: Jul 26 11:59:51 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	7.632	152	1292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.396	136	4963	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.257	164	3297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7204	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	6977	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	6098	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	1825	1.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	749	0.086	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2155	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.445	128	629	0.042	ng/ul#	78
10) Acenaphthylene	13.980	152	769	0.057	ng/ul#	87
11) Acenaphthene	14.322	153	398	0.033	ng/ul	90
12) Fluorene	15.311	166	503	0.036	ng/ul#	89
14) Pentachlorophenol	16.658	266	52	0.021	ng/ul	99
15) Phenanthrene	17.047	178	6156	0.269	ng/ul	98
16) Anthracene	17.137	178	3048	0.142	ng/ul	97
19) Fluoranthene	19.065	202	26584	0.946	ng/ul	100
20) Pyrene	19.427	202	24618	0.859	ng/ul	99
21) Benzo(a)anthracene	21.173	228	18670	0.670	ng/ul	97
22) Chrysene	21.226	228	16619	0.551	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	20628m	0.719	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	8218m	0.282	ng/ul	
26) Benzo(a)pyrene	23.268	252	16394	0.661	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.514	276	8051	0.248	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.526	278	2445	0.094	ng/ul#	79
29) Benzo(g,h,i)perylene	26.168	276	5145	0.187	ng/ul#	93

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

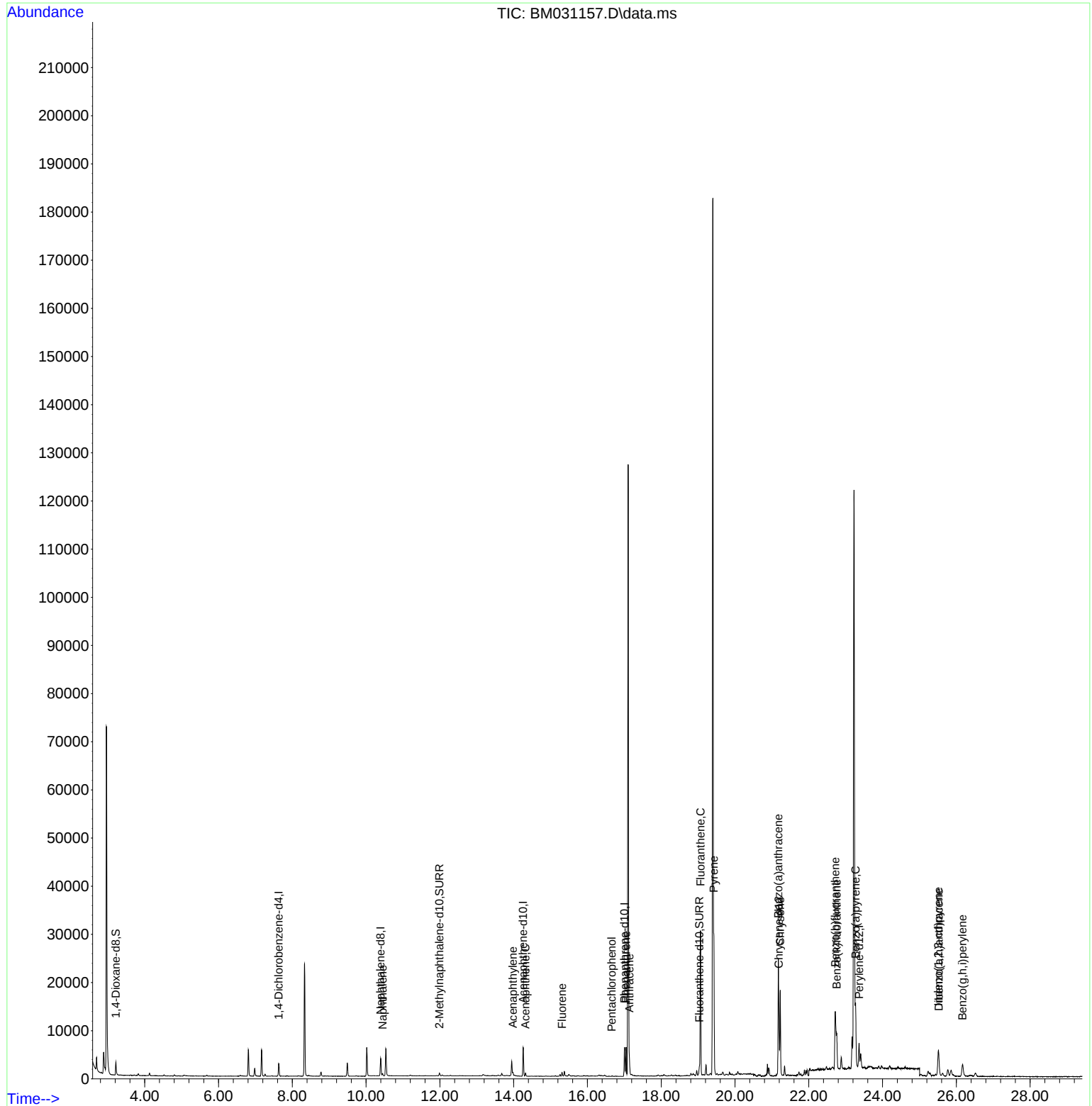
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031157.D
Acq On : 26 Jul 2021 11:27
Operator : CG/JU
Sample : M3010-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

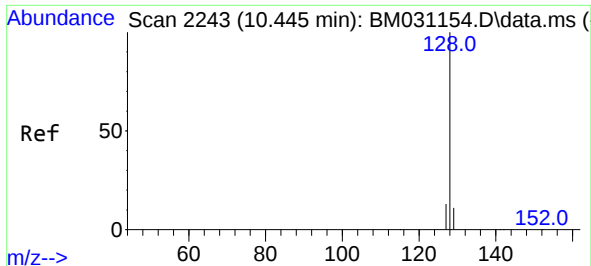
Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

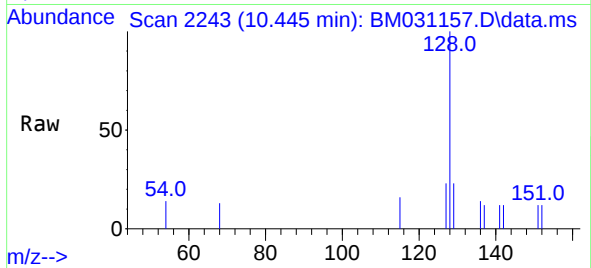
mohammad
7/27/2021 12:08:45 PM

Quant Time: Jul 26 11:59:51 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

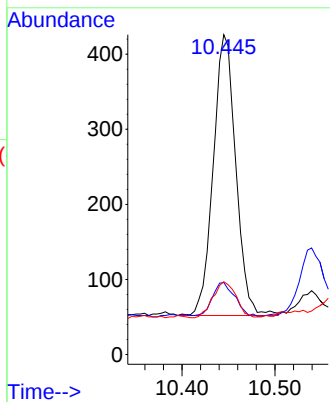
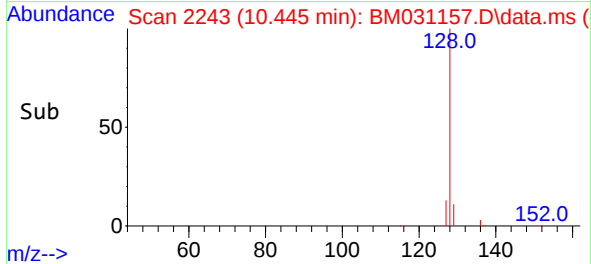




#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.445 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



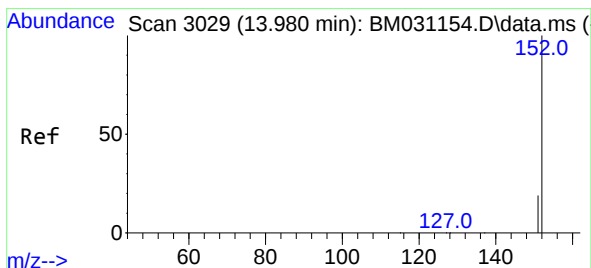
Tgt Ion:128 Resp: 629
Ion Ratio Lower Upper
128 100
129 22.5 10.2 15.4#
127 22.8 11.8 17.8#



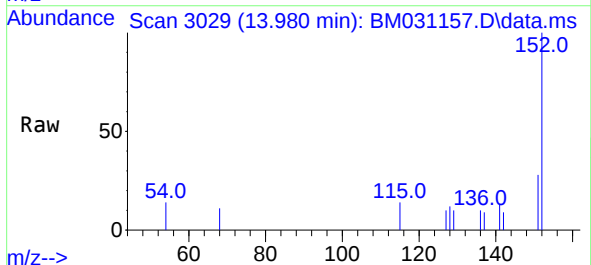
Instrument :
BNA_M
ClientSampled :
BGED8

Manual Integrations
APPROVED

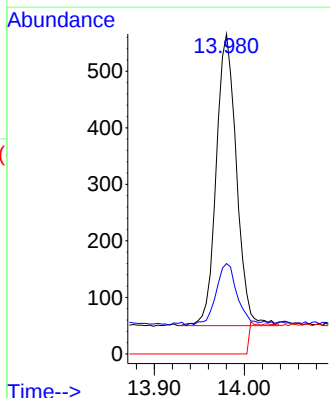
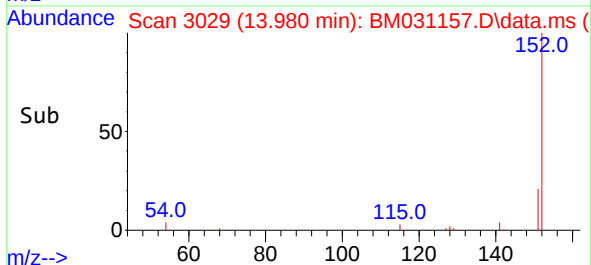
mohammad
7/27/2021 12:08:45 PM

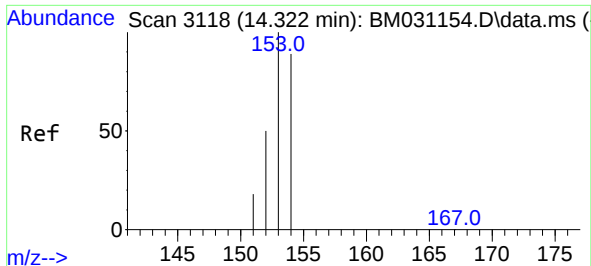


#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



Tgt Ion:152 Resp: 769
Ion Ratio Lower Upper
152 100
151 28.3 17.5 26.3#
153 0.0 0.0 0.0





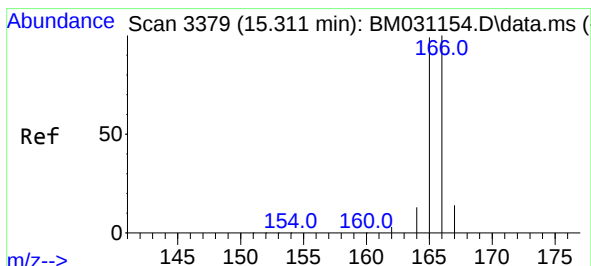
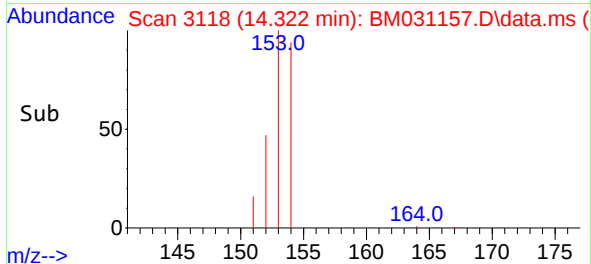
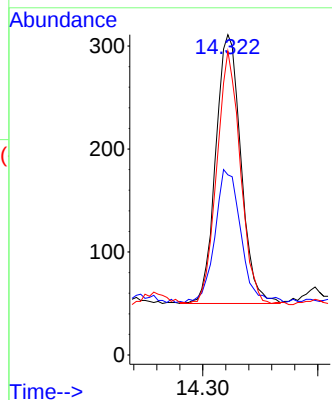
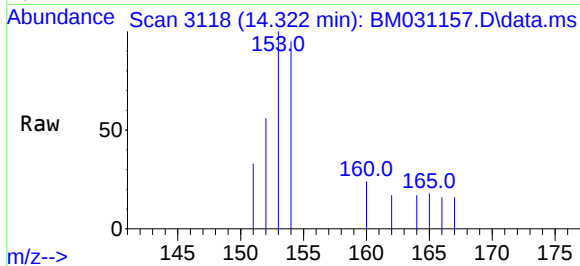
#11
Acenaphthene
Concen: 0.033 ng/uI
RT: 14.322 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion:	153	Resp:	398
Ion Ratio	Lower	Upper	
153	100		
152	56.3	39.4	59.2
154	94.9	68.2	102.4

Instrument :
BNA_M
ClientSampleId :
BGED8

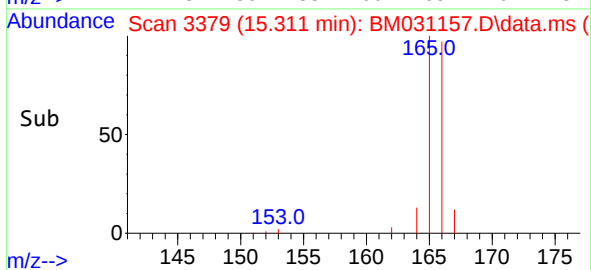
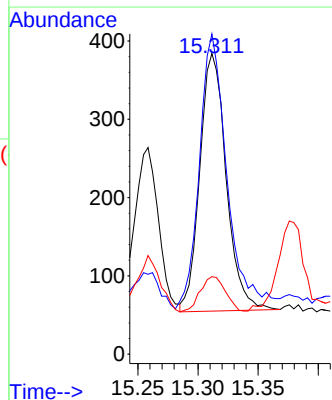
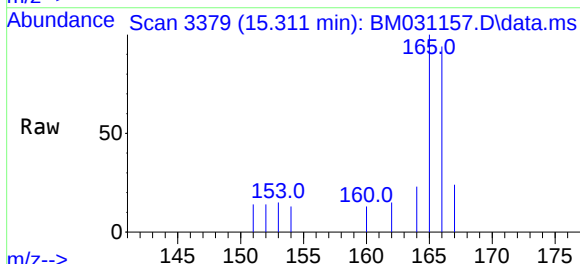
Manual Integrations
APPROVED

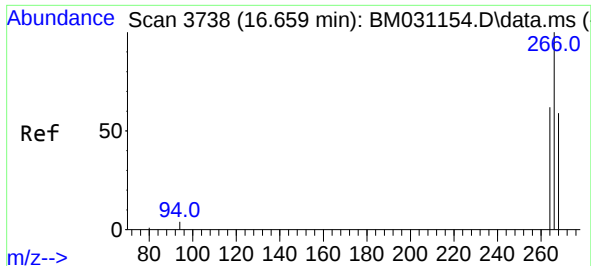
mohammad
7/27/2021 12:08:45 PM



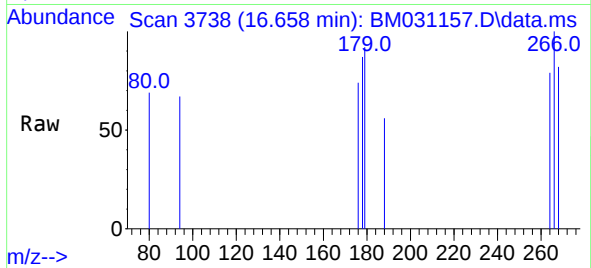
#12
Fluorene
Concen: 0.036 ng/uI
RT: 15.311 min Scan# 3379
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion:	166	Resp:	503
Ion Ratio	Lower	Upper	
166	100		
165	106.5	78.2	117.2
167	25.8	12.3	18.5#

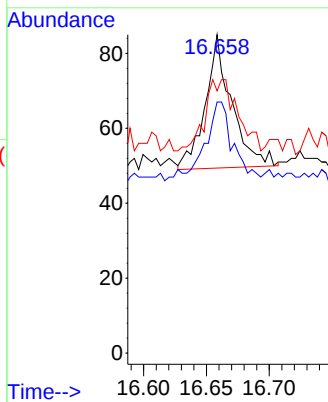
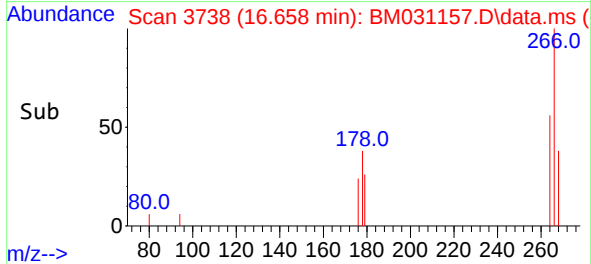




#14
Pentachlorophenol
Concen: 0.021 ng/u1
RT: 16.658 min Scan# 3738
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



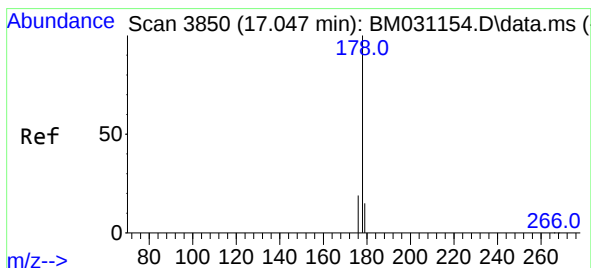
Tgt Ion:266 Resp: 52
Ion Ratio Lower Upper
266 100
264 63.5 50.9 76.3
268 65.4 51.2 76.8



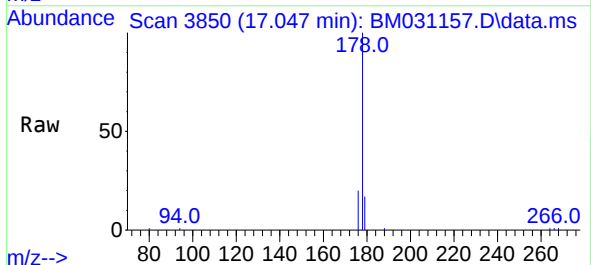
Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

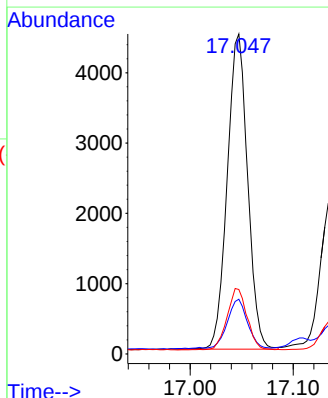
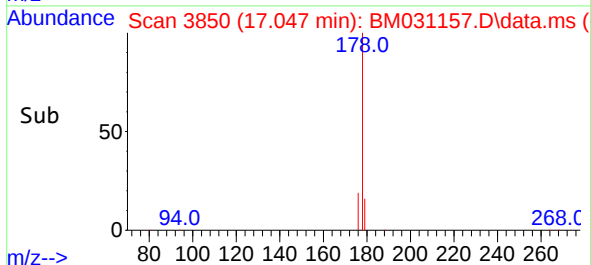
mohammad
7/27/2021 12:08:45 PM

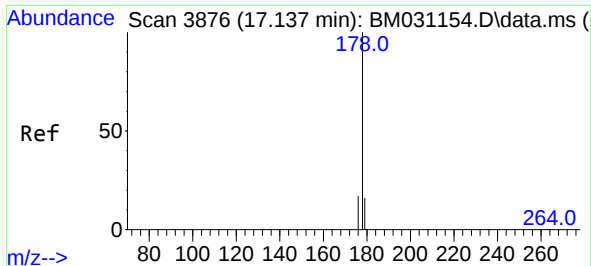


#15
Phenanthrene
Concen: 0.269 ng/u1
RT: 17.047 min Scan# 3850
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



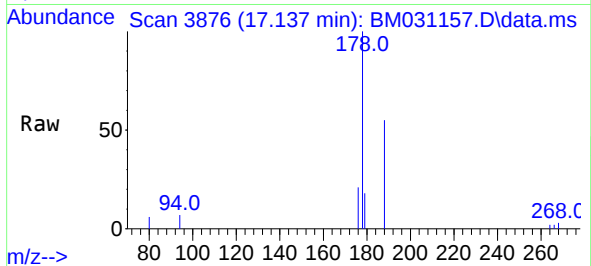
Tgt Ion:178 Resp: 6156
Ion Ratio Lower Upper
178 100
179 17.1 13.3 19.9
176 20.1 15.4 23.2





#16
 Anthracene
 Concen: 0.142 ng/ul
 RT: 17.137 min Scan# 3876
 Delta R.T. -0.000 min
 Lab File: BM031157.D
 Acq: 26 Jul 2021 11:27

Instrument :
 BNA_M
 ClientSampleId :
 BGED8

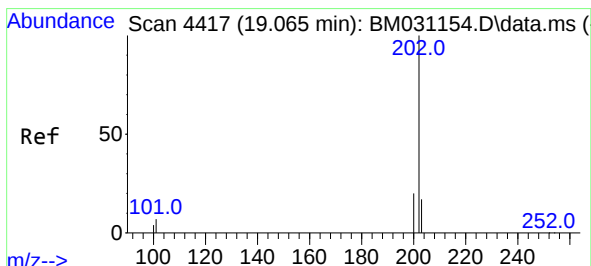
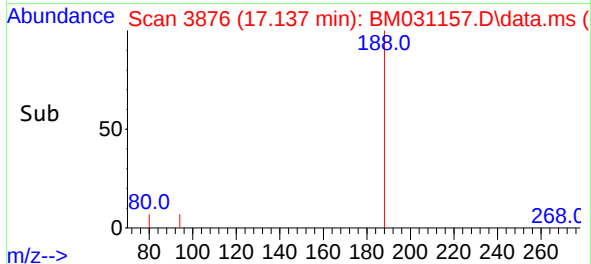
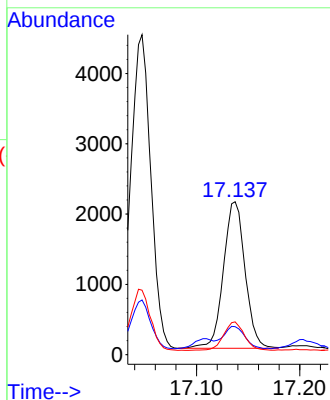


Tgt Ion:178 Resp: 3048

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.8	20.8
176	21.4	15.7	23.5

Manual Integrations
 APPROVED

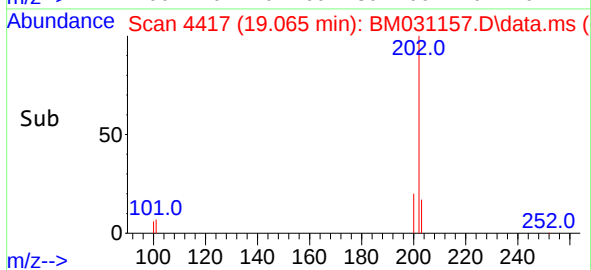
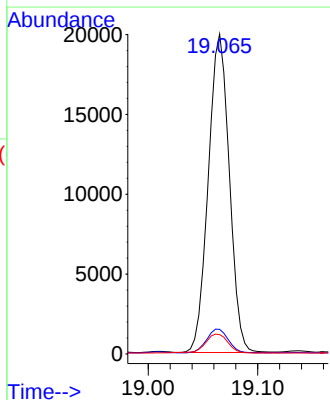
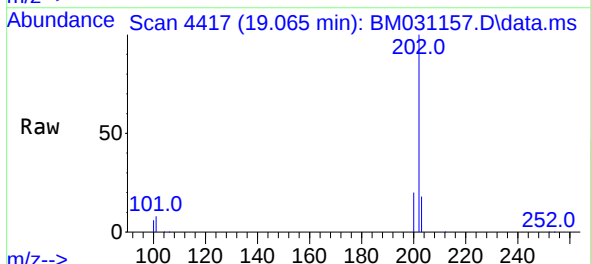
mohammad
 7/27/2021 12:08:45 PM

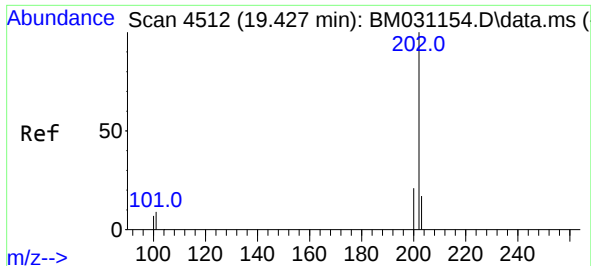


#19
 Fluoranthene
 Concen: 0.946 ng/ul
 RT: 19.065 min Scan# 4417
 Delta R.T. -0.000 min
 Lab File: BM031157.D
 Acq: 26 Jul 2021 11:27

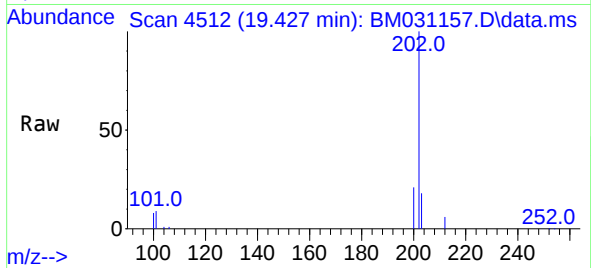
Tgt Ion:202 Resp: 26584

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.0	9.0
100	6.0	4.8	7.2

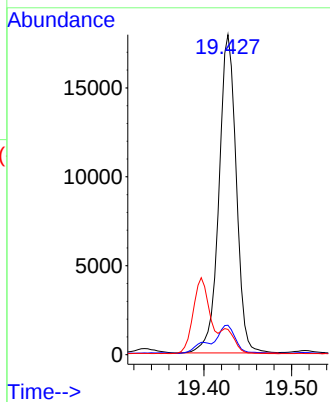
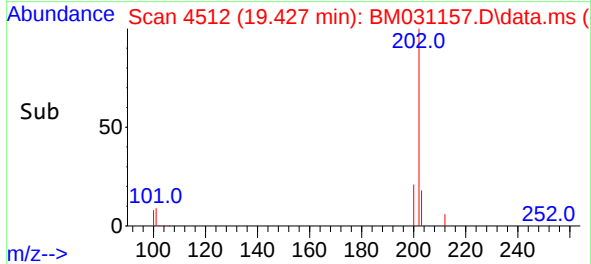




#20
Pyrene
Concen: 0.859 ng/ul
RT: 19.427 min Scan# 4512
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



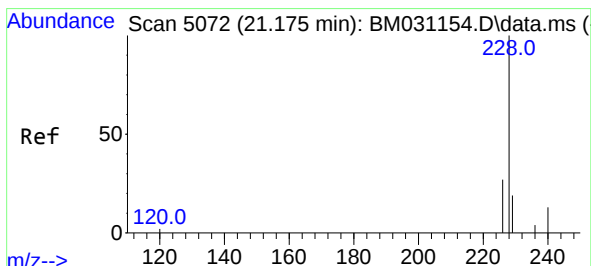
Tgt Ion:202 Resp: 24618
Ion Ratio Lower Upper
202 100
101 9.2 7.4 11.0
100 7.9 6.0 9.0



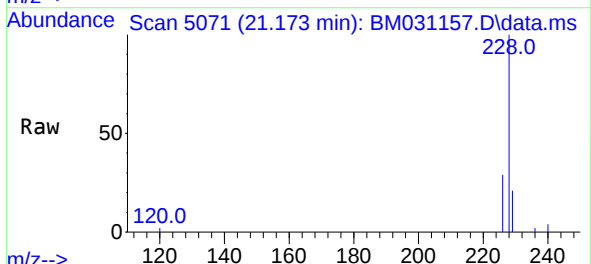
Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

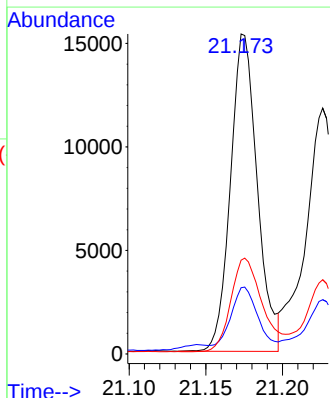
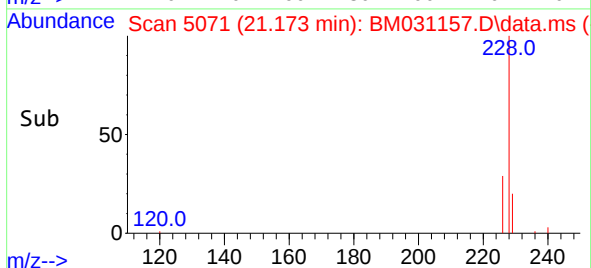
mohammad
7/27/2021 12:08:45 PM

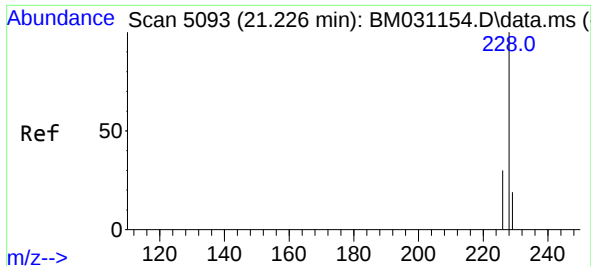


#21
Benzo(a)anthracene
Concen: 0.670 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.002 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

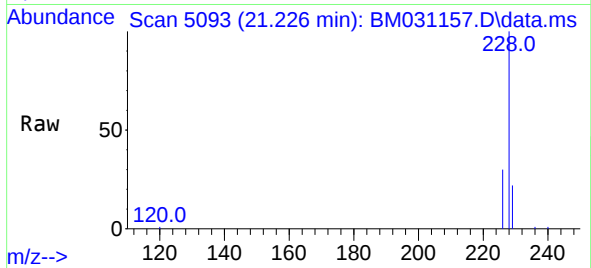


Tgt Ion:228 Resp: 18670
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.3 21.4 32.2

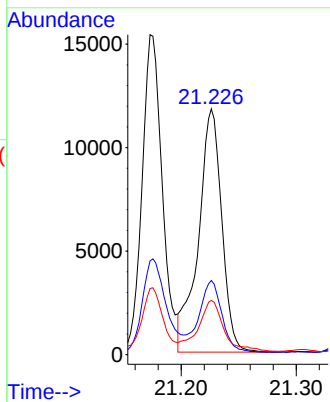
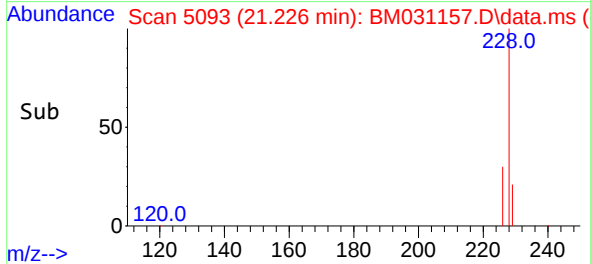




#22
Chrysene
Concen: 0.551 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



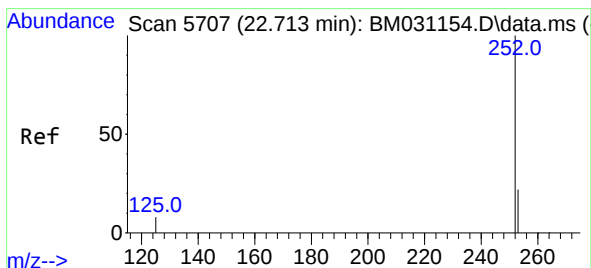
Tgt Ion:228 Resp: 16619
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.1 15.8 23.8



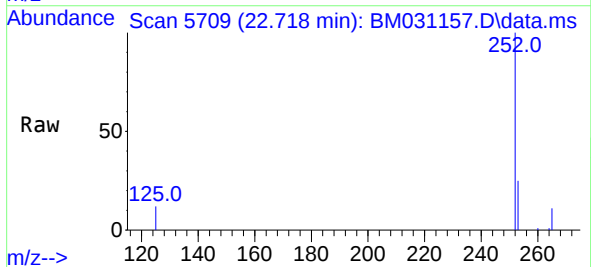
Instrument :
BNA_M
ClientSampled :
BGED8

Manual Integrations
APPROVED

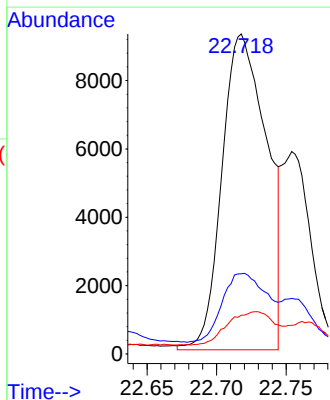
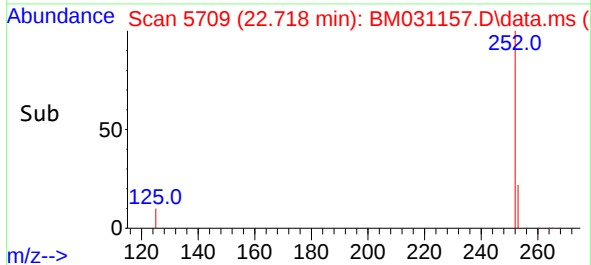
mohammad
7/27/2021 12:08:45 PM

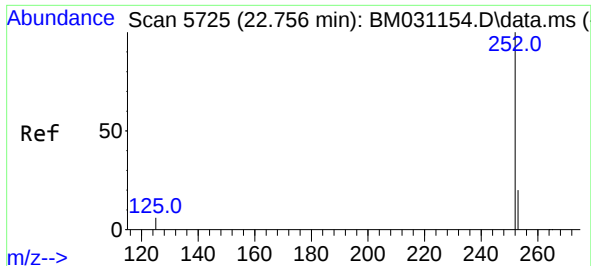


#24
Benzo(b)fluoranthene
Concen: 0.719 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. 0.005 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27



Tgt Ion:252 Resp: 20628
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 12.1 0.0 20.2





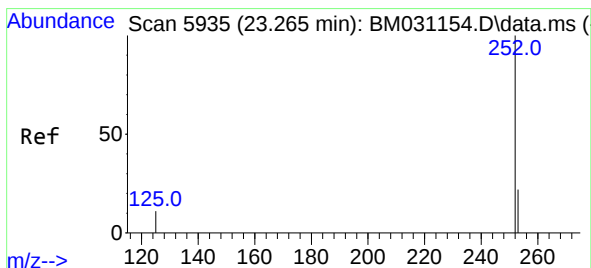
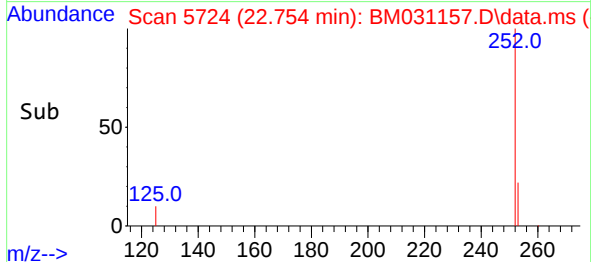
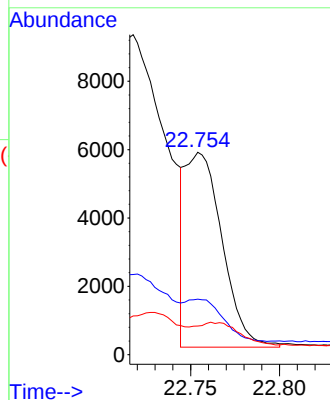
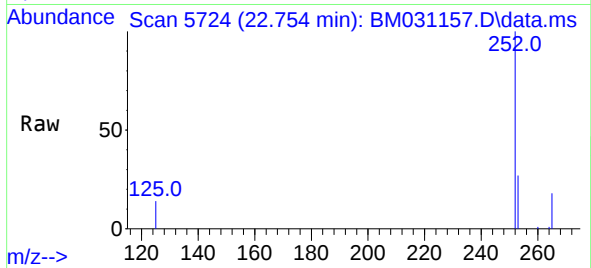
#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.002 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion:252 Resp: 8218
Ion Ratio Lower Upper
252 100
253 27.4 21.6 32.4
125 14.2 8.6 13.0#

Instrument :
BNA_M
ClientSampled :
BGED8

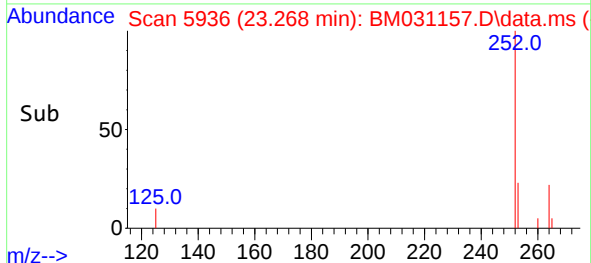
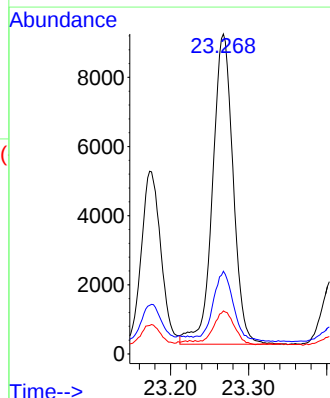
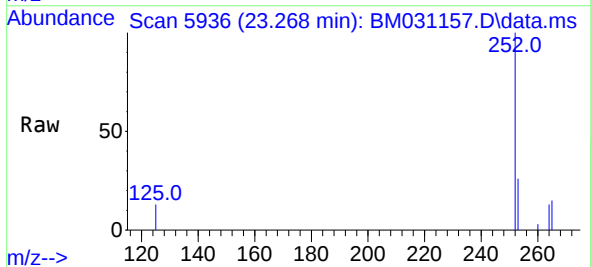
Manual Integrations
APPROVED

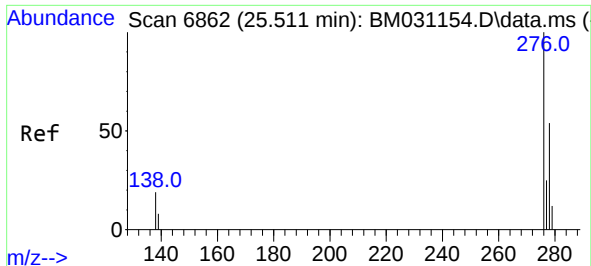
mohammad
7/27/2021 12:08:45 PM



#26
Benzo(a)pyrene
Concen: 0.661 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. 0.002 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion:252 Resp: 16394
Ion Ratio Lower Upper
252 100
253 25.8 23.1 34.7
125 13.4 10.7 16.1





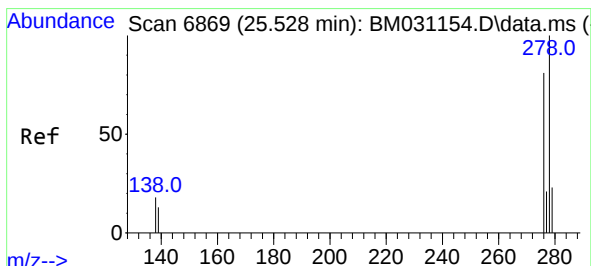
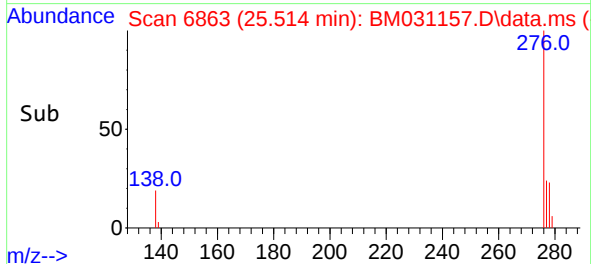
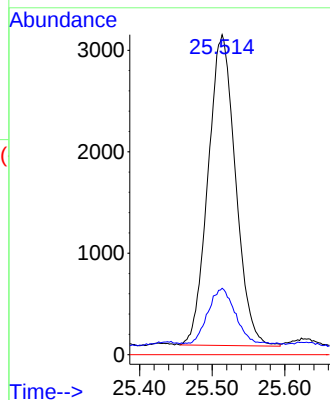
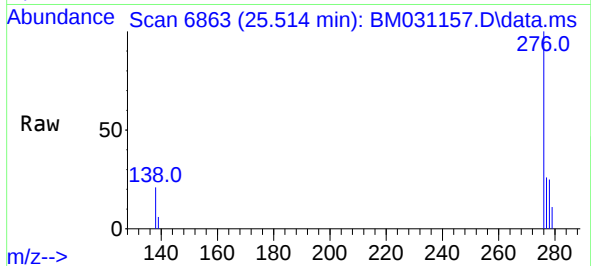
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.248 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. 0.002 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion: 276 Resp: 8051
Ion Ratio Lower Upper
276 100
138 19.1 15.4 23.0
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
BGED8

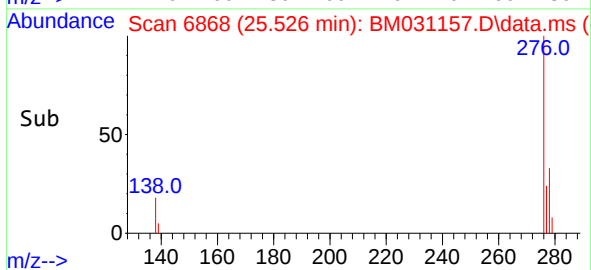
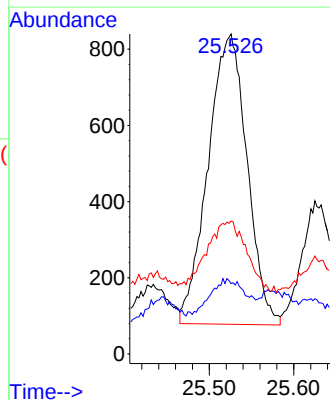
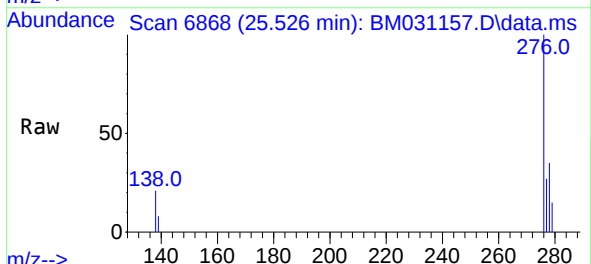
Manual Integrations
APPROVED

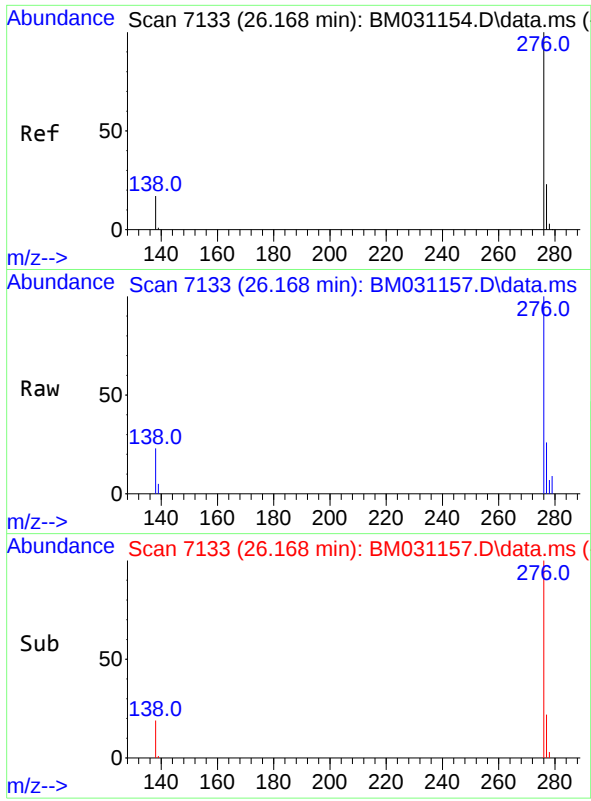
mohammad
7/27/2021 12:08:45 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. -0.002 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

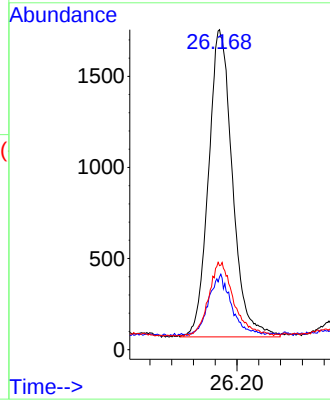
Tgt Ion: 278 Resp: 2445
Ion Ratio Lower Upper
278 100
139 22.0 12.6 18.8#
279 41.5 22.6 34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.168 min Scan# 7133
Delta R.T. -0.000 min
Lab File: BM031157.D
Acq: 26 Jul 2021 11:27

Tgt Ion:	276	Resp:	5145
Ion Ratio	Lower	Upper	
276	100		
138	22.7	14.0	21.0#
277	26.3	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
BGED8

Manual Integrations
APPROVED

mohammad
7/27/2021 12:08:45 PM