

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030615.D
 Acq On : 25 Jun 2021 23:21
 Operator : CG/JU
 Sample : M2682-05DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD76DL

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:50 PM

Quant Time: Jun 26 01:32:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	4114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	16782	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	18008	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	11494	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	11513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1583	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	685	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	1293	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.832	266	119	0.023	ng/ul	95
15) Phenanthrene	17.200	178	6172	0.096	ng/ul	95
16) Anthracene	17.291	178	1375	0.024	ng/ul#	83
19) Fluoranthene	19.211	202	16154	0.306	ng/ul	99
20) Pyrene	19.573	202	10938	0.202	ng/ul	100
21) Benzo(a)anthracene	21.311	228	5975	0.131	ng/ul#	88
22) Chrysene	21.362	228	5725	0.113	ng/ul#	91
24) Benzo(b)fluoranthene	22.902	252	7049m	0.141	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	2205m	0.042	ng/ul	
26) Benzo(a)pyrene	23.481	252	2244	0.050	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	25.860	276	1916	0.034	ng/ul#	100

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

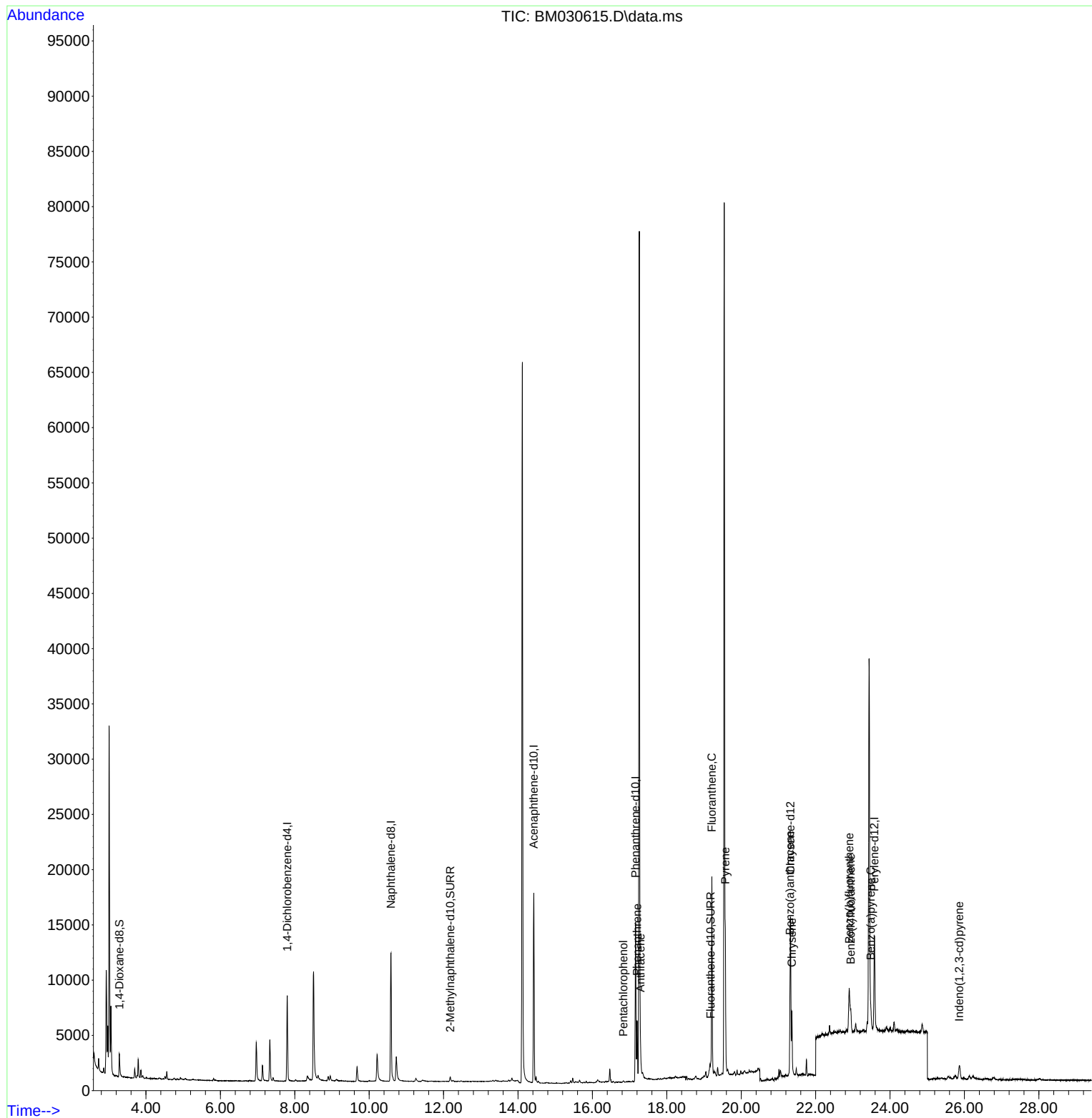
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030615.D
Acq On : 25 Jun 2021 23:21
Operator : CG/JU
Sample : M2682-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

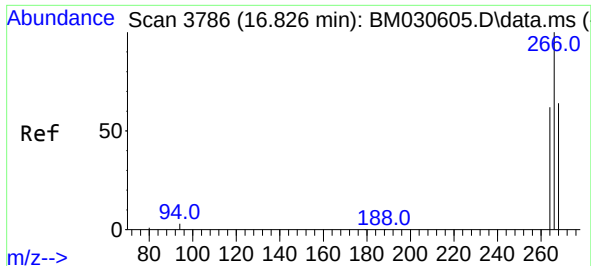
Instrument :
BNA_M
ClientSampleId :
BGD76DL

Manual Integrations
APPROVED

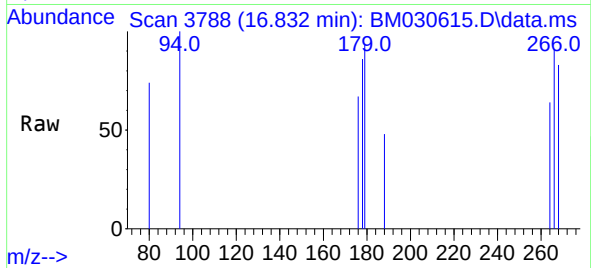
mohammad
6/28/2021 1:21:50 PM

Quant Time: Jun 26 01:32:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

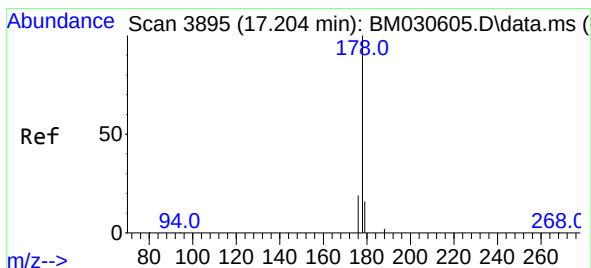
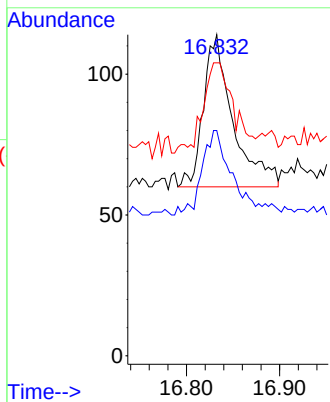
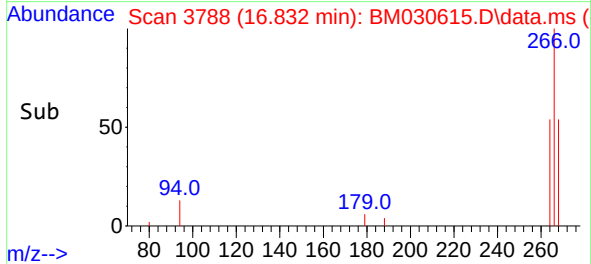




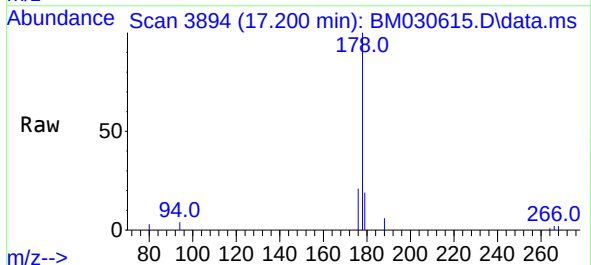
#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.832 min Scan# 3788
 Delta R.T. -0.007 min
 Lab File: BM030615.D
 Acq: 25 Jun 2021 23:21



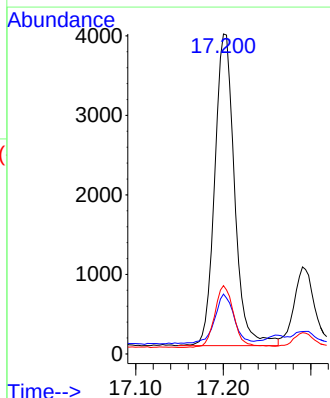
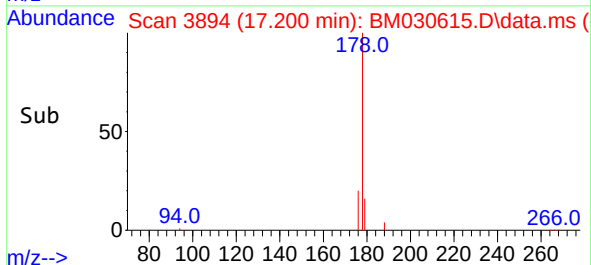
Tgt Ion:266 Resp: 119
 Ion Ratio Lower Upper
 266 100
 264 58.0 47.7 71.5
 268 64.7 47.5 71.3



#15
 Phenanthrene
 Concen: 0.096 ng/ul
 RT: 17.200 min Scan# 3894
 Delta R.T. -0.003 min
 Lab File: BM030615.D
 Acq: 25 Jun 2021 23:21



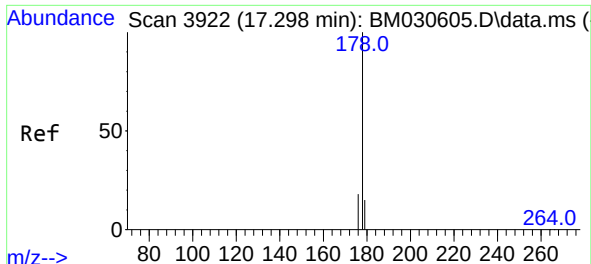
Tgt Ion:178 Resp: 6172
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.6 19.0
 176 21.3 15.5 23.3



Instrument :
 BNA_M
 ClientSampleId :
 BGD76DL

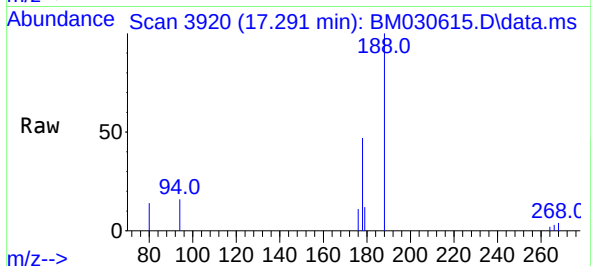
Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:50 PM



#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.291 min Scan# 3920
 Delta R.T. -0.007 min
 Lab File: BM030615.D
 Acq: 25 Jun 2021 23:21

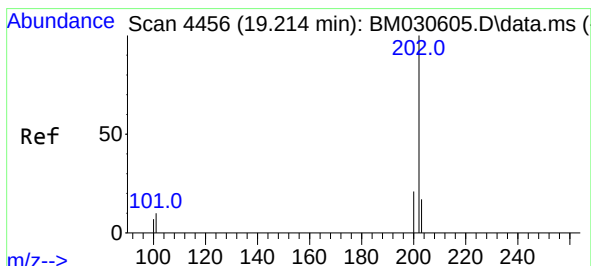
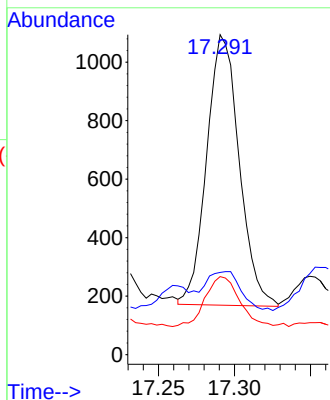
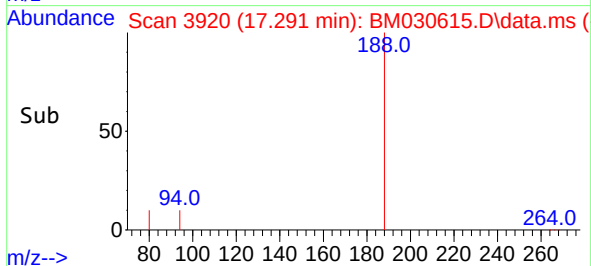
Instrument :
 BNA_M
 ClientSampled :
 BGD76DL



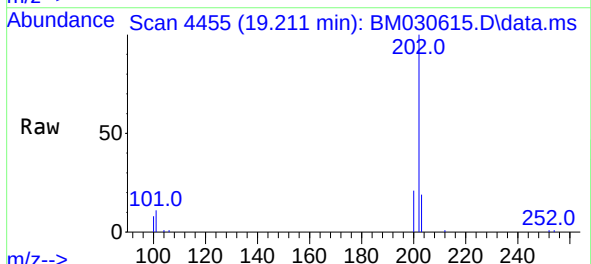
Tgt Ion:178 Resp: 1375
 Ion Ratio Lower Upper
 178 100
 179 25.7 12.7 19.1#
 176 24.4 15.2 22.8#

Manual Integrations
 APPROVED

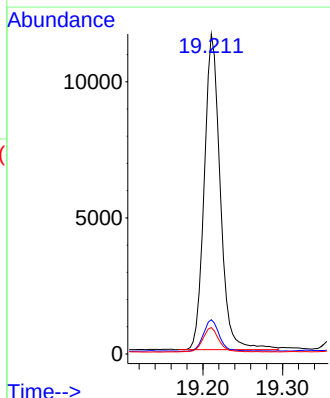
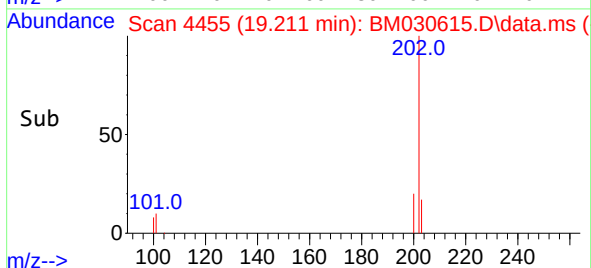
mohammad
 6/28/2021 1:21:50 PM

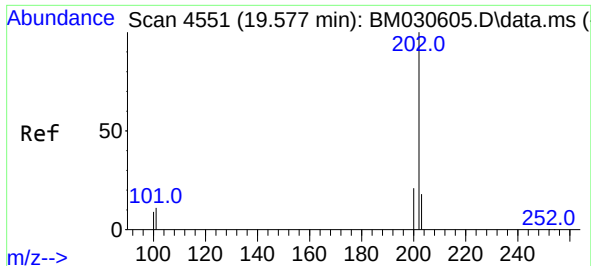


#19
 Fluoranthene
 Concen: 0.306 ng/ul
 RT: 19.211 min Scan# 4455
 Delta R.T. -0.004 min
 Lab File: BM030615.D
 Acq: 25 Jun 2021 23:21

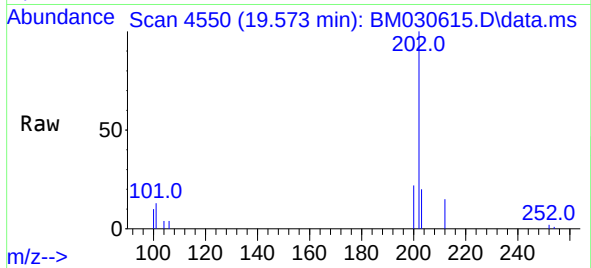


Tgt Ion:202 Resp: 16154
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.8 13.2
 100 8.2 6.9 10.3

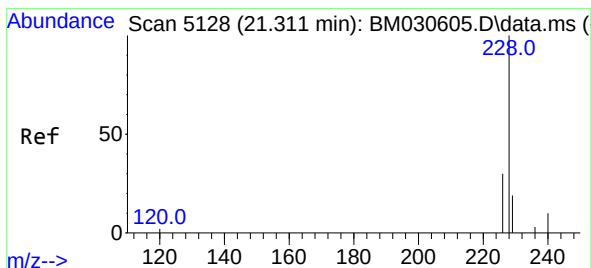
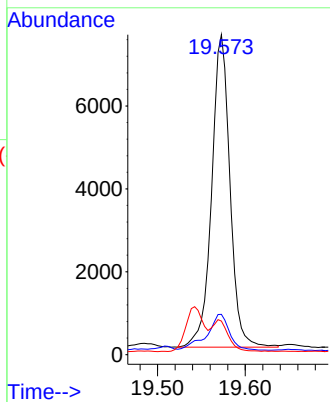
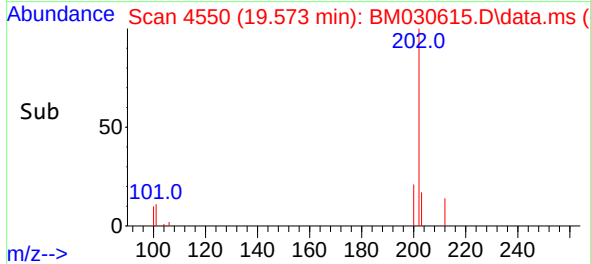




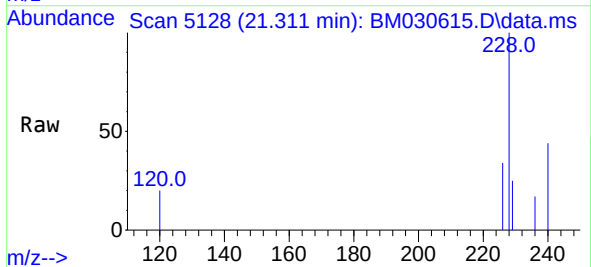
#20
Pyrene
Concen: 0.202 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21



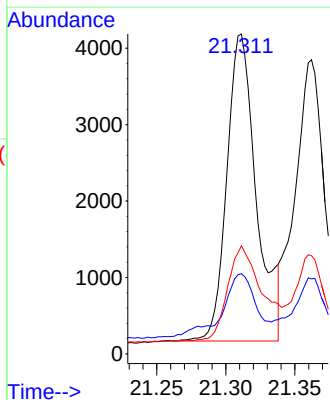
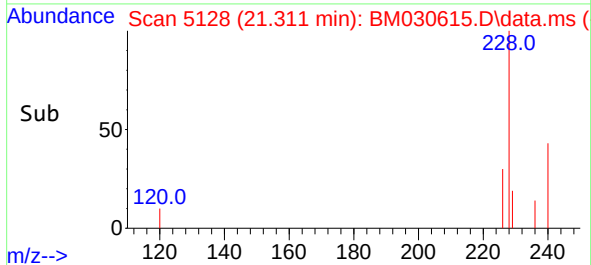
Tgt Ion:202 Resp: 10938
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.5 8.2 12.2



#21
Benzo(a)anthracene
Concen: 0.131 ng/u1
RT: 21.311 min Scan# 5128
Delta R.T. -0.002 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21



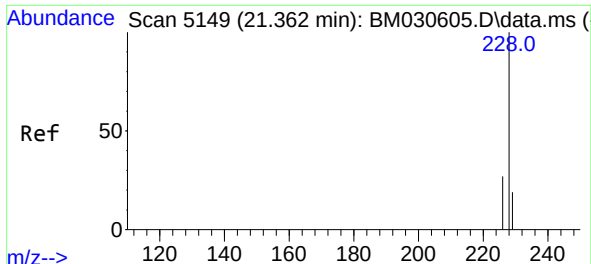
Tgt Ion:228 Resp: 5975
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.6#
226 33.8 22.2 33.4#



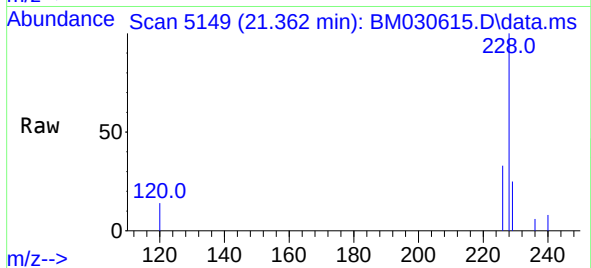
Instrument :
BNA_M
ClientSampleId :
BGD76DL

Manual Integrations
APPROVED

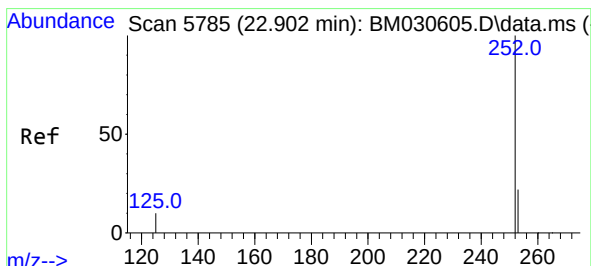
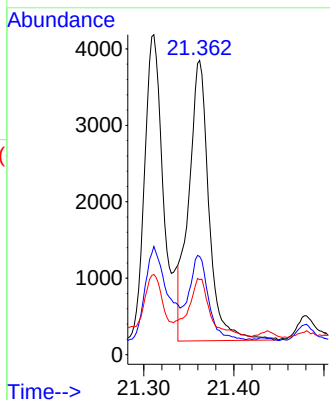
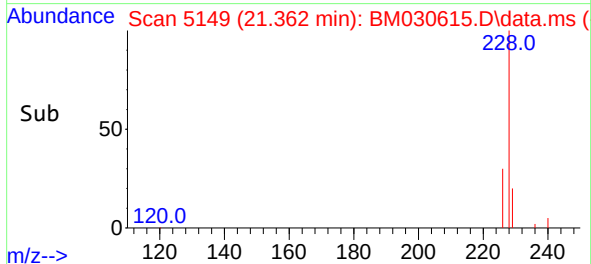
mohammad
6/28/2021 1:21:50 PM



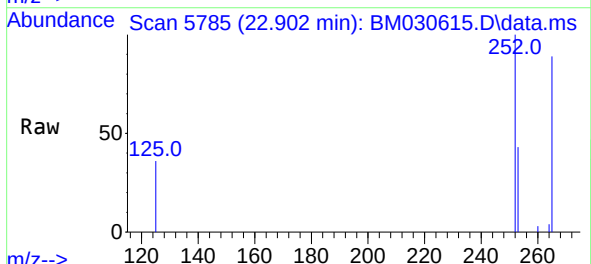
#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21



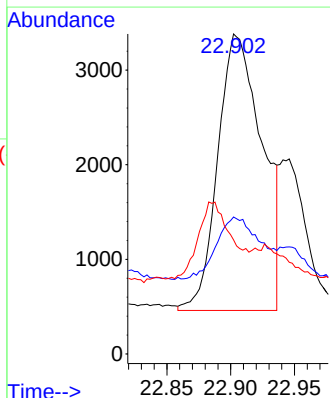
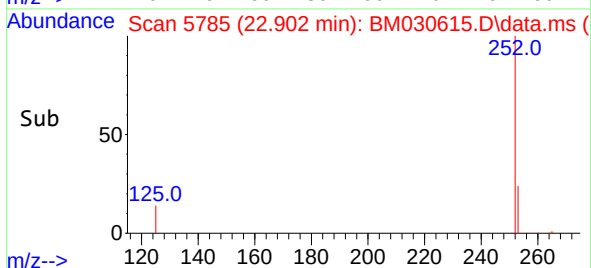
Tgt Ion:	228	Resp:	5725
Ion Ratio	Lower	Upper	
228	100		
226	33.4	24.4	36.6
229	25.5	15.4	23.0#



#24
Benzo(b)fluoranthene
Concen: 0.141 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21



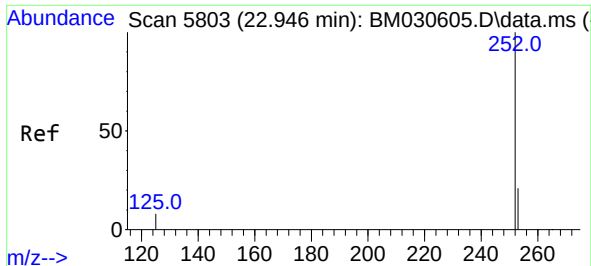
Tgt Ion:	252	Resp:	7049
Ion Ratio	Lower	Upper	
252	100		
253	42.8	0.0	50.2
125	35.7	0.0	27.8#



Instrument :
BNA_M
ClientSampleID :
BGD76DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:50 PM



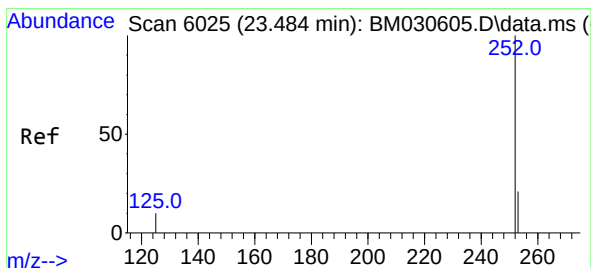
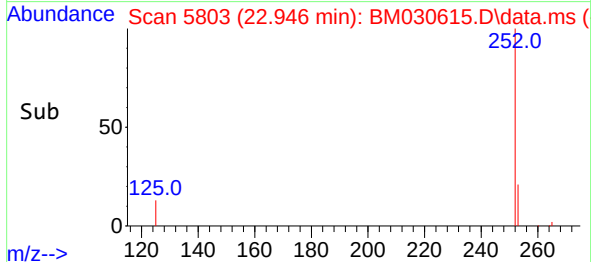
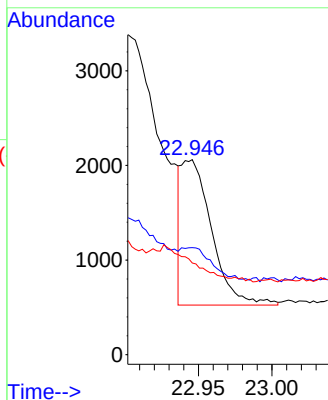
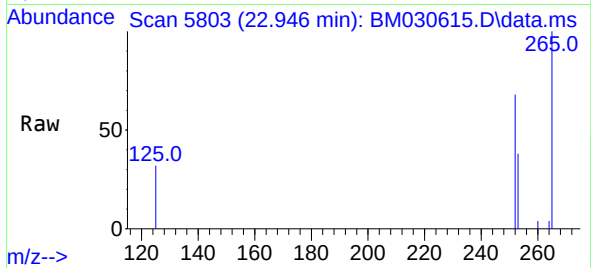
#25
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21

Tgt Ion:252 Resp: 2205
Ion Ratio Lower Upper
252 100
253 54.9 20.6 31.0#
125 47.0 11.0 16.4#

Instrument :
BNA_M
ClientSampleId :
BGD76DL

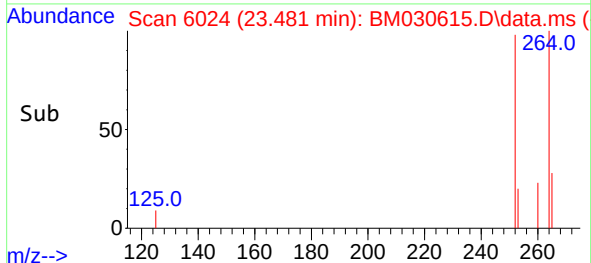
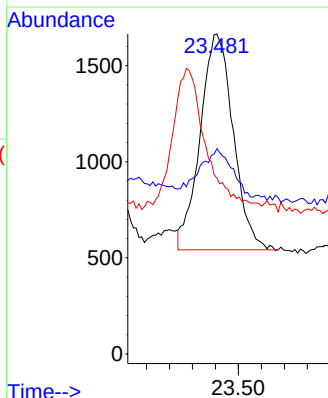
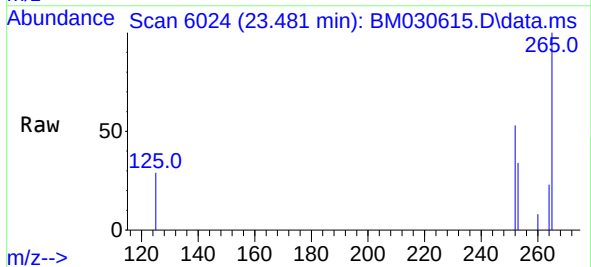
Manual Integrations
APPROVED

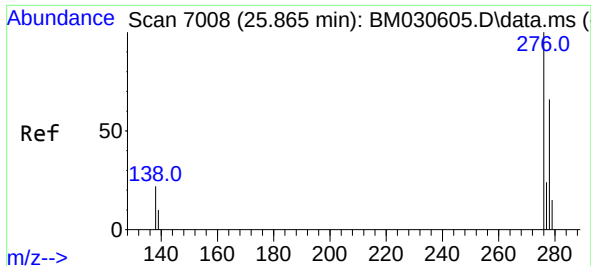
mohammad
6/28/2021 1:21:50 PM



#26
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030615.D
Acq: 25 Jun 2021 23:21

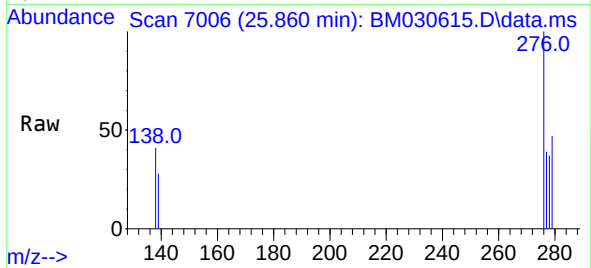
Tgt Ion:252 Resp: 2244
Ion Ratio Lower Upper
252 100
253 64.1 22.0 33.0#
125 54.9 13.4 20.2#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.034 ng/ul
 RT: 25.860 min Scan# 7006
 Delta R.T. -0.012 min
 Lab File: BM030615.D
 Acq: 25 Jun 2021 23:21

Instrument :
 BNA_M
 ClientSampleId :
 BGD76DL



Tgt Ion: 276 Resp: 1916
 Ion Ratio Lower Upper
 276 100
 138 23.8 19.1 28.7
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:50 PM

