

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031110.D
 Acq On : 24 Jul 2021 04:33
 Operator : CG/JU
 Sample : M2970-19DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED2DL

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:44 PM

Quant Time: Jul 24 05:18:42 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 : Sat Jul 24 04:20:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1673	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	6473	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4283	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	9188	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	8143	0.40	ng/ul	0.00
23) Perylene-d12	23.362	264	7006	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	1139	0.65	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	518	0.05	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	1322	0.05	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.981	152	642	0.04	ng/ul#	81
15) Phenanthrene	17.047	178	10617	0.36	ng/ul	99
16) Anthracene	17.141	178	4598	0.17	ng/ul	99
19) Fluoranthene	19.066	202	39617	1.21	ng/ul	97
20) Pyrene	19.428	202	27287	0.82	ng/ul	99
21) Benzo(a)anthracene	21.176	228	21054	0.65	ng/ul	96
22) Chrysene	21.229	228	17763	0.50	ng/ul	97
24) Benzo(b)fluoranthene	22.718	252	20234m	0.61	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	7635m	0.23	ng/ul	
26) Benzo(a)pyrene	23.268	252	8809	0.31	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.514	276	5848	0.16	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.526	278	2242	0.07	ng/ul#	74

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

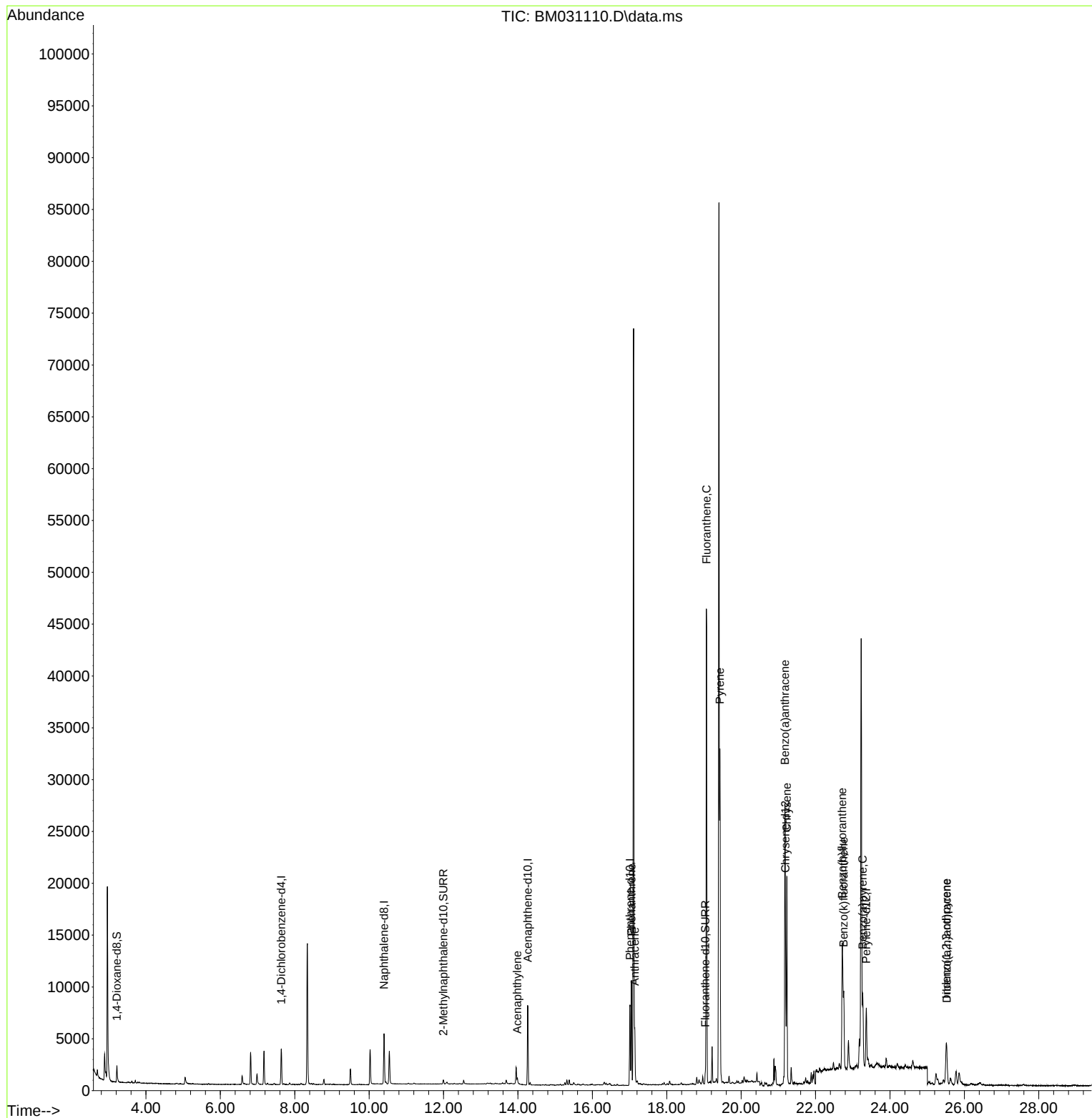
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031110.D
Acq On : 24 Jul 2021 04:33
Operator : CG/JU
Sample : M2970-19DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

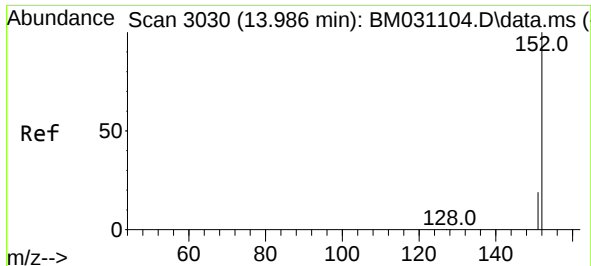
Instrument :
BNA_M
ClientSampleId :
BGED2DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:44 PM

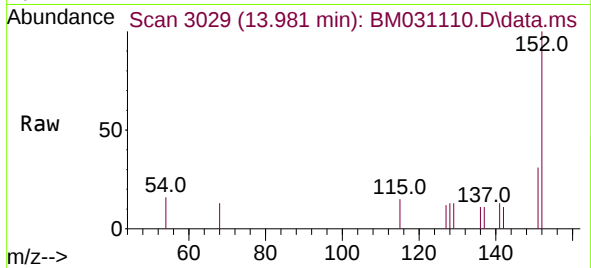
Quant Time: Jul 24 05:18:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 24 04:20:53 2021
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

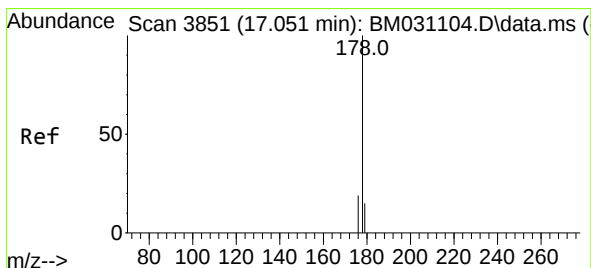
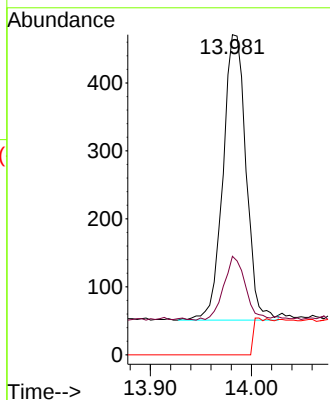
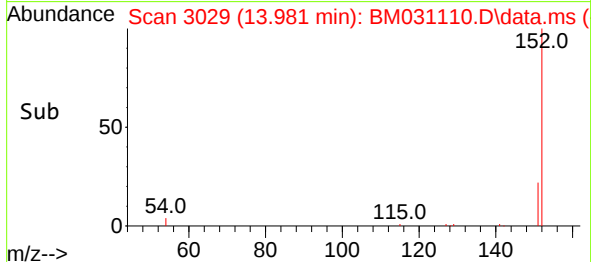
Instrument :
BNA_M
ClientSampleID :
BGED2DL



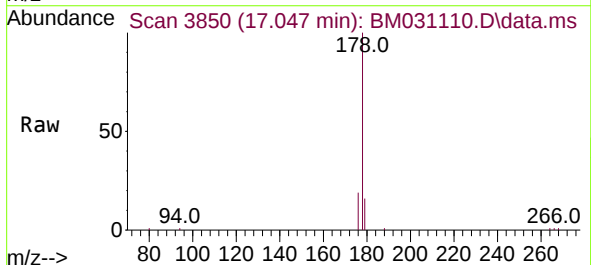
Tgt Ion:152 Resp: 642
Ion Ratio Lower Upper
152 100
151 30.8 17.5 26.3#
153 0.0 0.0 0.0

Manual Integrations
APPROVED

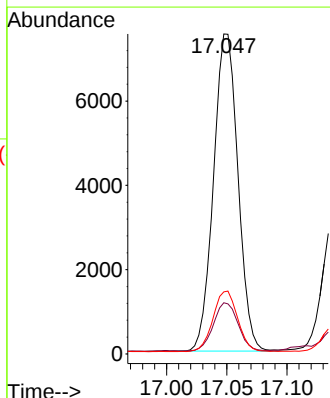
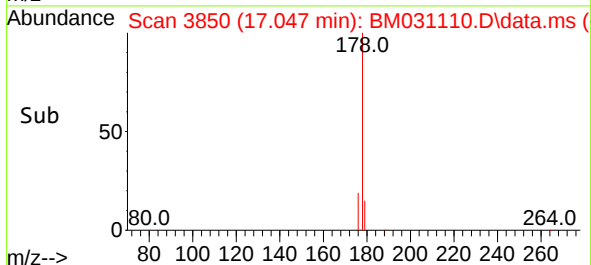
mohammad
7/26/2021 1:26:44 PM

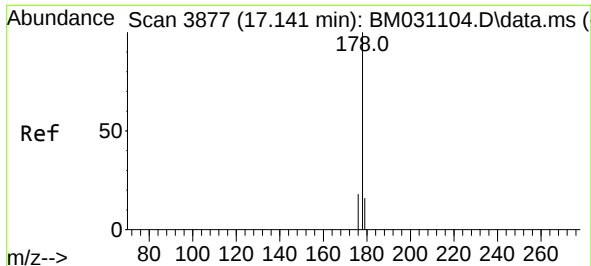


#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

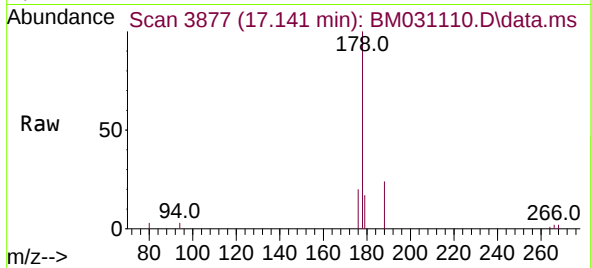


Tgt Ion:178 Resp: 10617
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.4 15.4 23.2



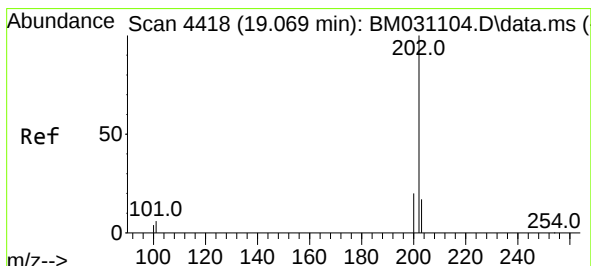
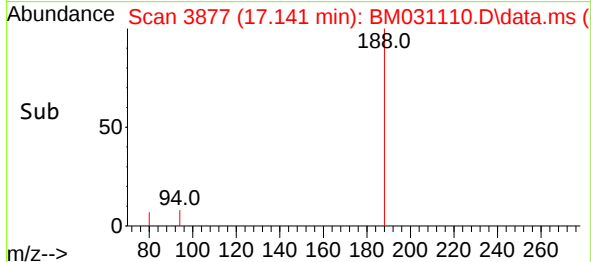
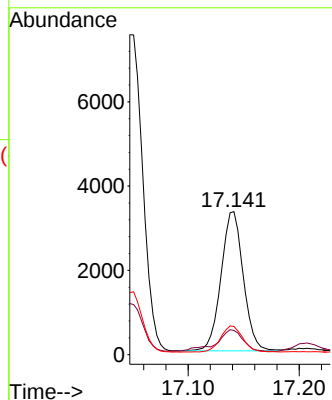


#16
 Anthracene
 Concen: 0.17 ng/ul
 RT: 17.141 min Scan# 3877
 Delta R.T. -0.003 min
 Lab File: BM031110.D
 Acq: 24 Jul 2021 04:33



Tgt Ion:178 Resp: 4598

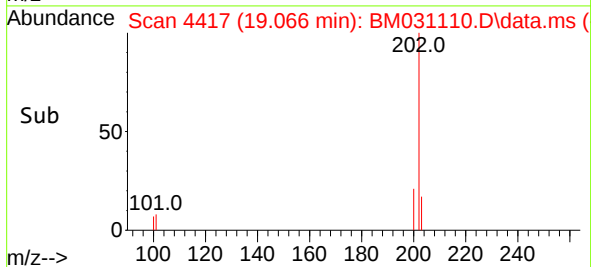
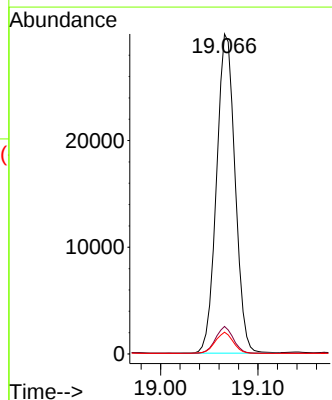
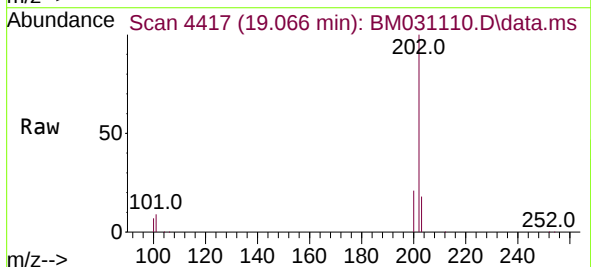
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.8	20.8
176	19.7	15.7	23.5



#19
 Fluoranthene
 Concen: 1.21 ng/ul
 RT: 19.066 min Scan# 4417
 Delta R.T. -0.004 min
 Lab File: BM031110.D
 Acq: 24 Jul 2021 04:33

Tgt Ion:202 Resp: 39617

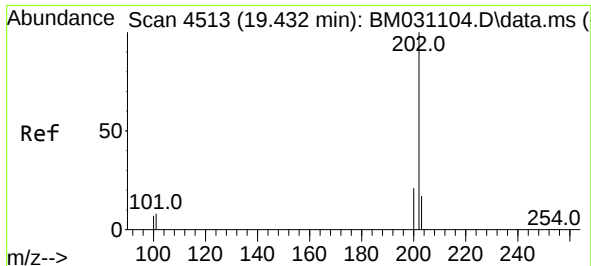
Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.0	9.0
100	6.8	4.8	7.2



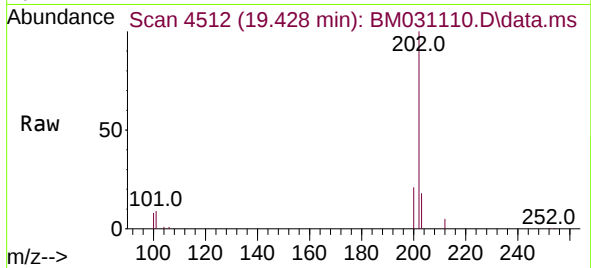
Instrument :
 BNA_M
 ClientSampleID :
 BGED2DL

Manual Integrations
 APPROVED

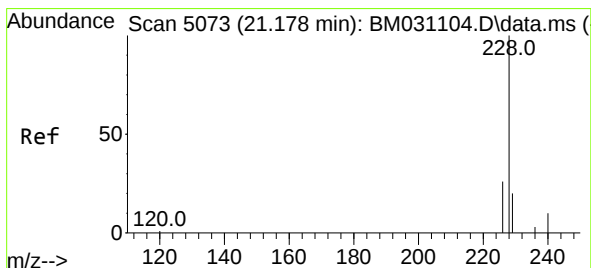
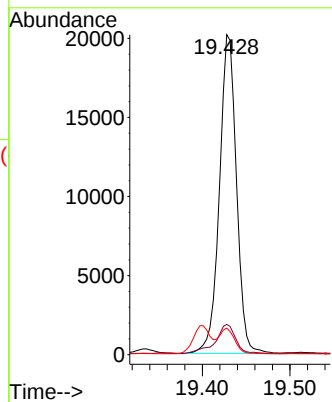
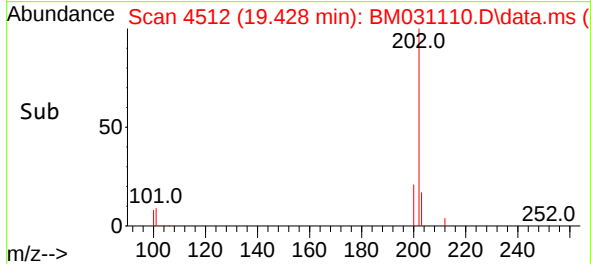
mohammad
 7/26/2021 1:26:44 PM



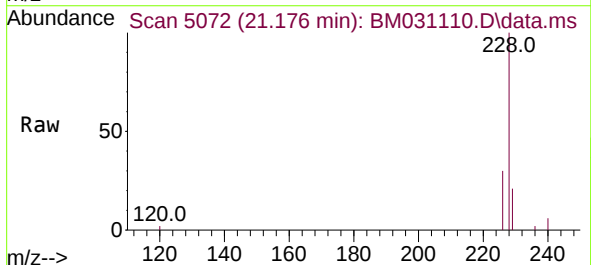
#20
Pyrene
Concen: 0.82 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33



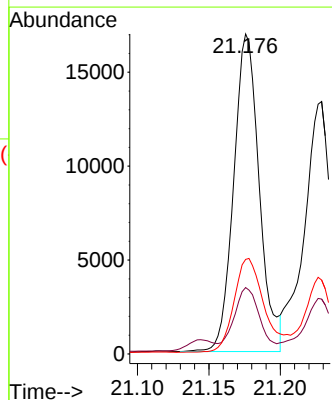
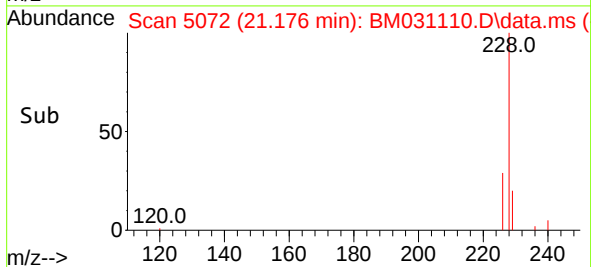
Tgt Ion:202 Resp: 27287
Ion Ratio Lower Upper
202 100
101 9.4 7.4 11.0
100 8.3 6.0 9.0



#21
Benzo(a)anthracene
Concen: 0.65 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33



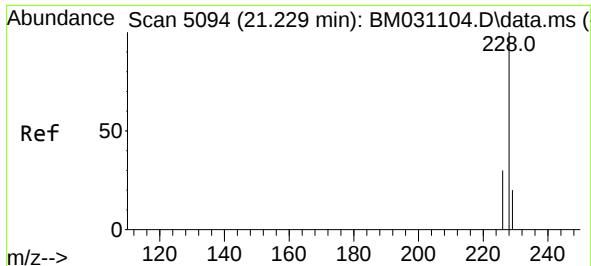
Tgt Ion:228 Resp: 21054
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.5 21.4 32.2



Instrument :
BNA_M
ClientSampleID :
BGED2DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:44 PM



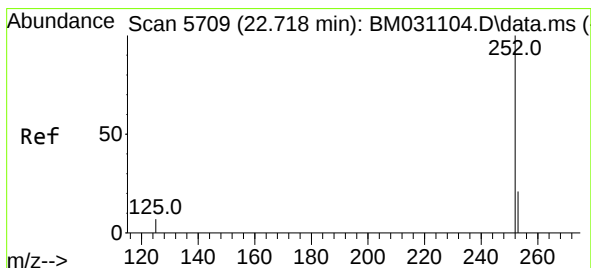
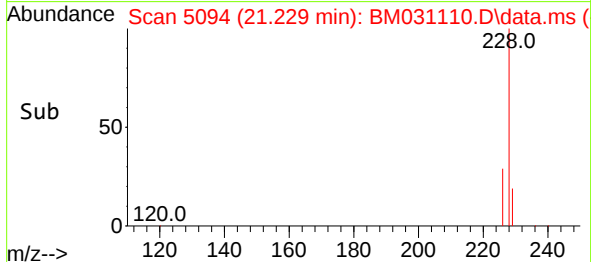
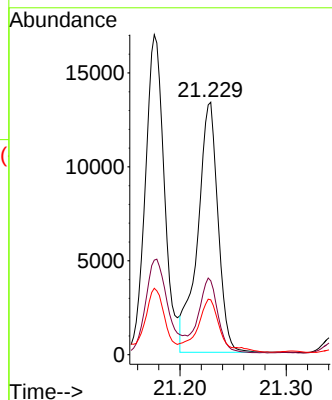
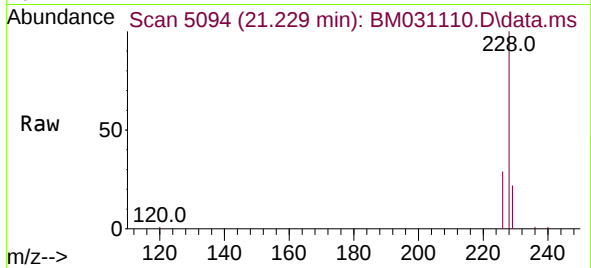
#22
Chrysene
Concen: 0.50 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

Tgt Ion:	228	Resp:	17763
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.5	36.7
229	21.7	15.8	23.8

Instrument :
BNA_M
ClientSampled :
BGED2DL

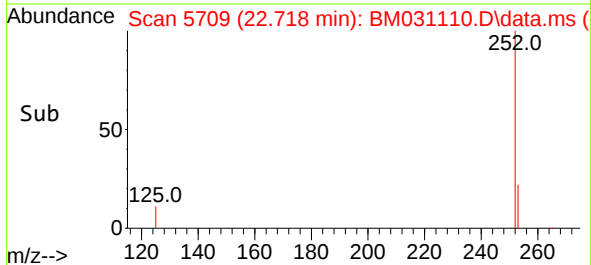
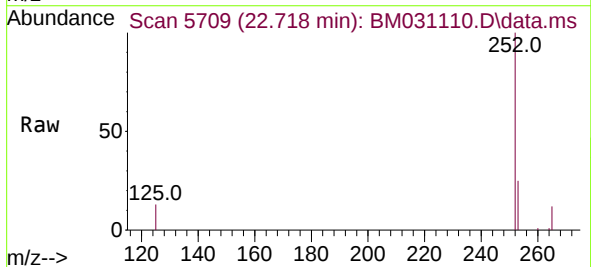
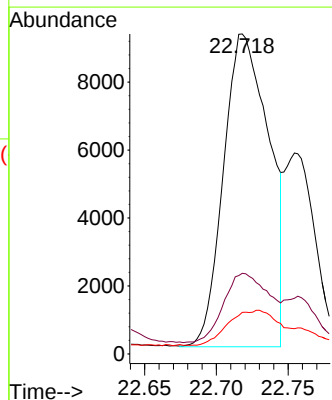
Manual Integrations
APPROVED

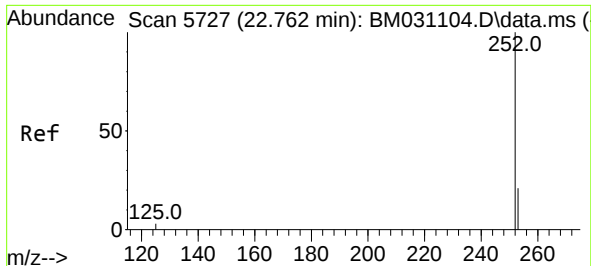
mohammad
7/26/2021 1:26:44 PM



#24
Benzo(b)fluoranthene
Concen: 0.61 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

Tgt Ion:	252	Resp:	20234
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	52.8
125	13.0	0.0	20.2





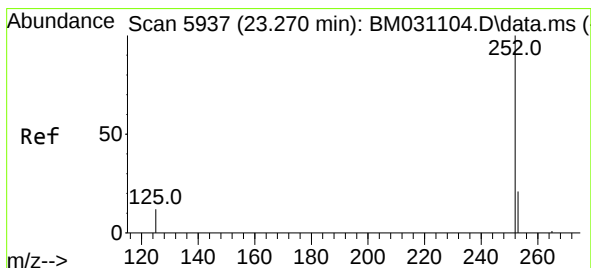
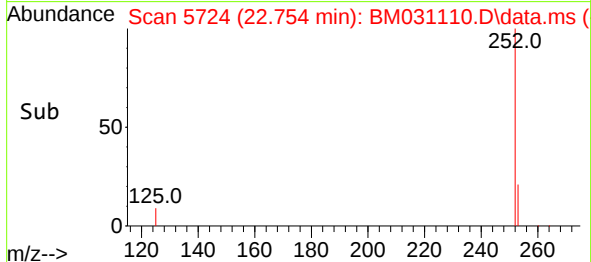
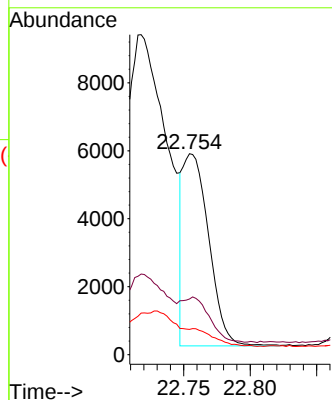
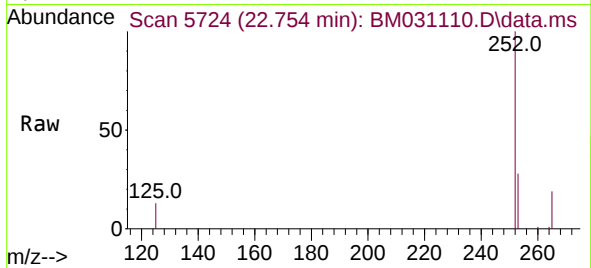
#25
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

Tgt Ion:	252	Resp:	7635
Ion Ratio	Lower	Upper	
252	100		
253	27.7	21.6	32.4
125	12.6	8.6	13.0

Instrument :
BNA_M
ClientSampleId :
BGED2DL

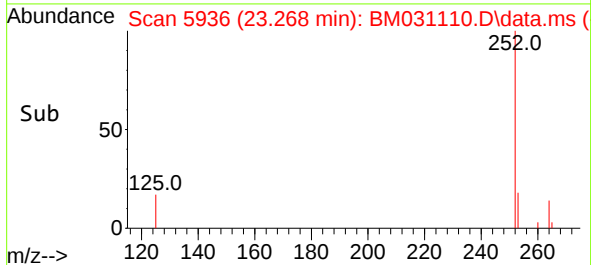
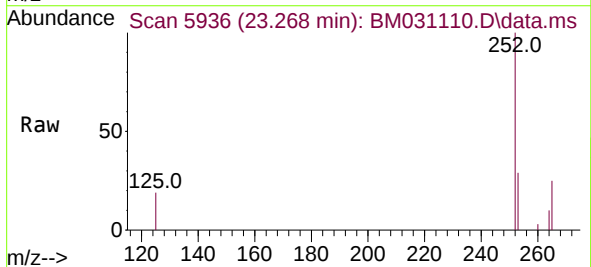
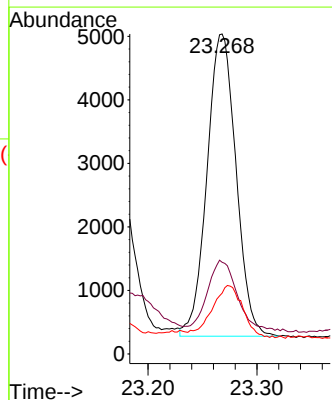
Manual Integrations
APPROVED

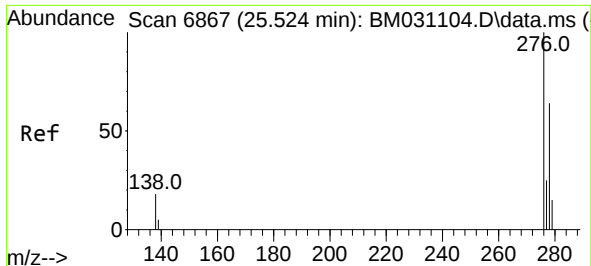
mohammad
7/26/2021 1:26:44 PM



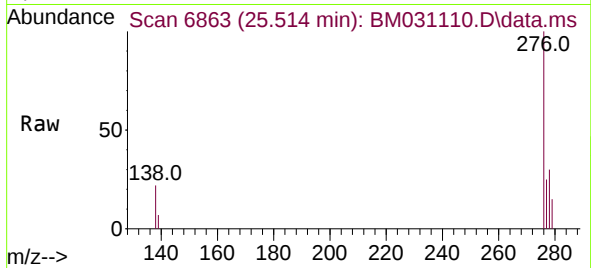
#26
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33

Tgt Ion:	252	Resp:	8809
Ion Ratio	Lower	Upper	
252	100		
253	28.7	23.1	34.7
125	19.0	10.7	16.1

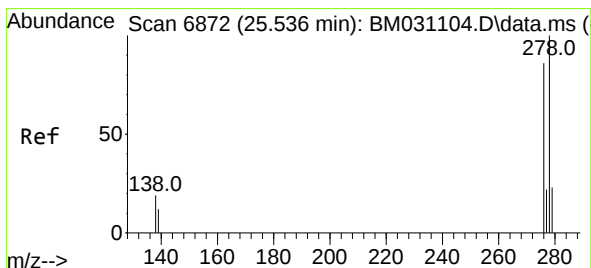
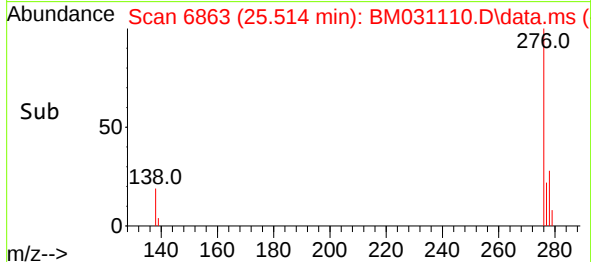
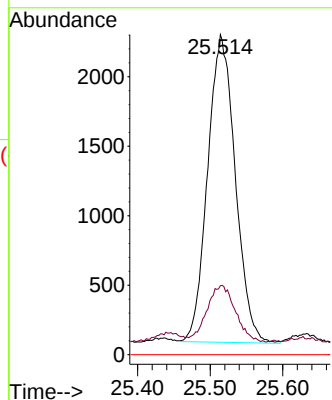




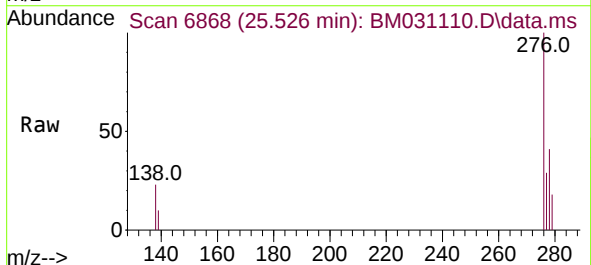
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33



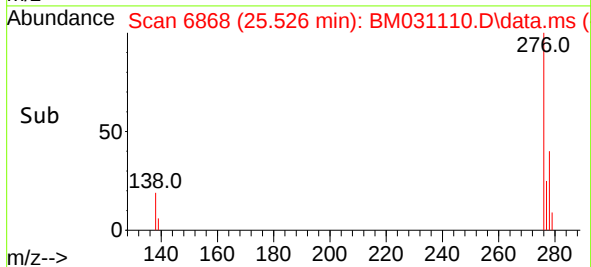
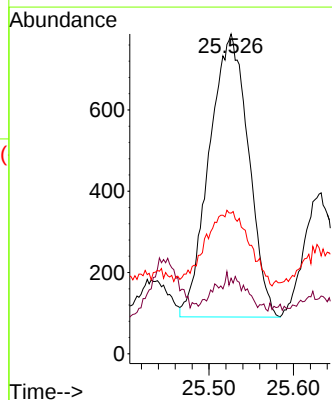
Tgt Ion:276 Resp: 5848
Ion Ratio Lower Upper
276 100
138 19.1 15.4 23.0
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. -0.019 min
Lab File: BM031110.D
Acq: 24 Jul 2021 04:33



Tgt Ion:278 Resp: 2242
Ion Ratio Lower Upper
278 100
139 23.6 12.6 18.8#
279 44.0 22.6 34.0#



Instrument :
BNA_M
ClientSampleId :
BGED2DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:44 PM