

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031566.D
 Acq On : 08 Aug 2021 00:43
 Operator : CG/JU
 Sample : M3181-01
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEX1

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:14:18 PM

Quant Time: Aug 09 04:08:57 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 : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.584	152	1394	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	5185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2950	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.965	188	5640	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4534	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	4067	2.627	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1848	0.212	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3724	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.006	178	2422	0.135	ng/ul#	94
19) Fluoranthene	19.028	202	7463	0.385	ng/ul#	94
20) Pyrene	19.394	202	5580m	0.284	ng/ul	
21) Benzo(a)anthracene	21.142	228	2390	0.131	ng/ul#	89
22) Chrysene	21.195	228	3453	0.182	ng/ul#	94
24) Benzo(b)fluoranthene	22.677	252	4611m	0.218	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	1583m	0.072	ng/ul	
26) Benzo(a)pyrene	23.222	252	2281	0.123	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.449	276	1909	0.080	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.461	278	506	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.096	276	548	0.027	ng/ul#	27

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

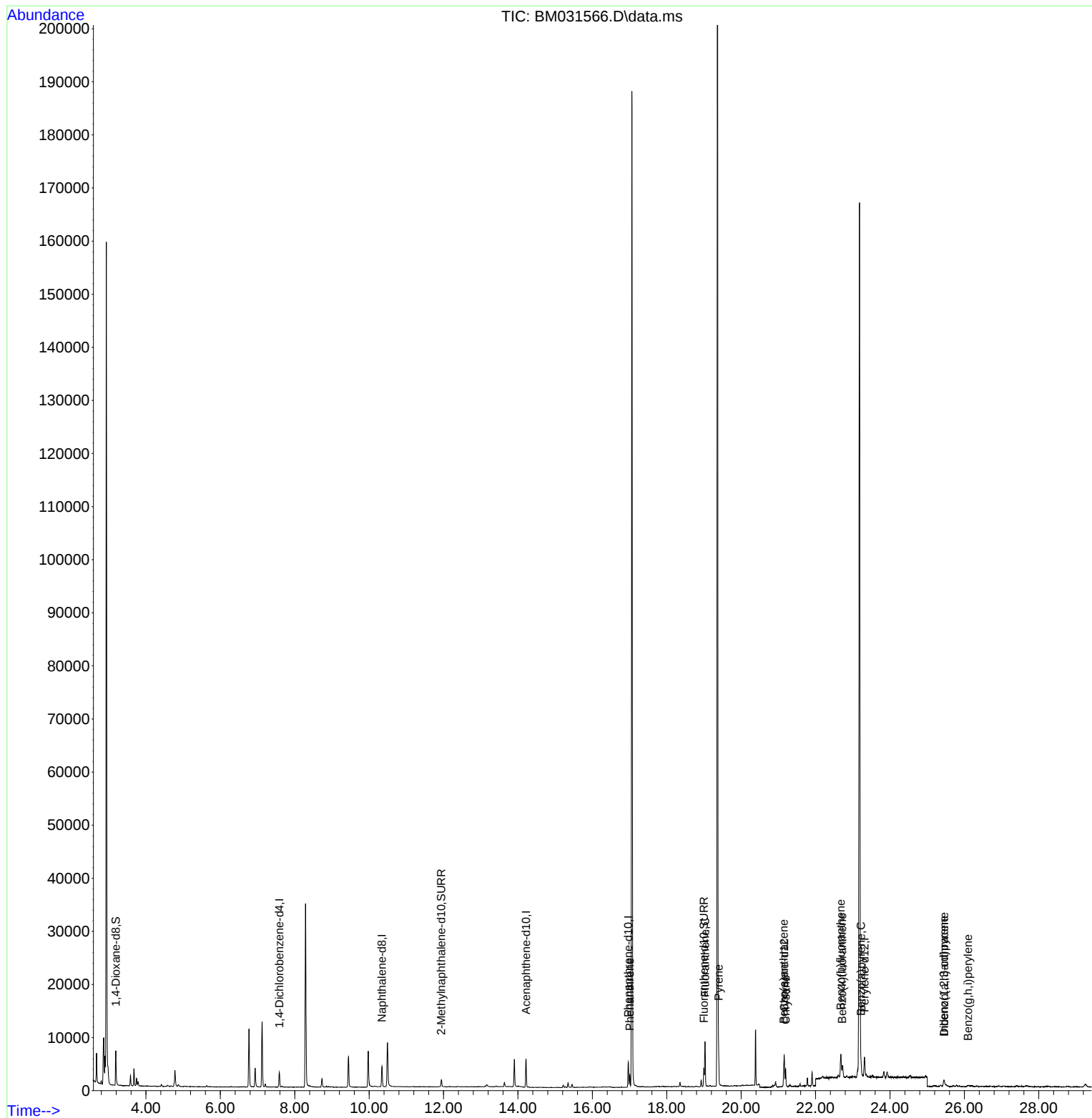
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031566.D
Acq On : 08 Aug 2021 00:43
Operator : CG/JU
Sample : M3181-01
Misc :
ALS Vial : 92 Sample Multiplier: 1

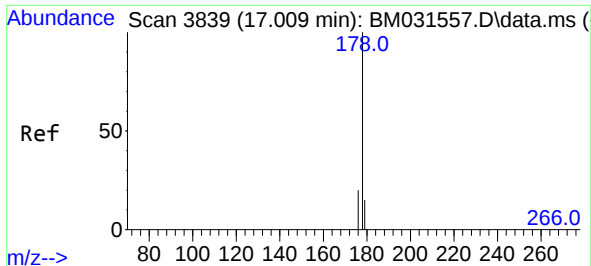
Instrument :
BNA_M
ClientSampleId :
BGEX1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:14:18 PM

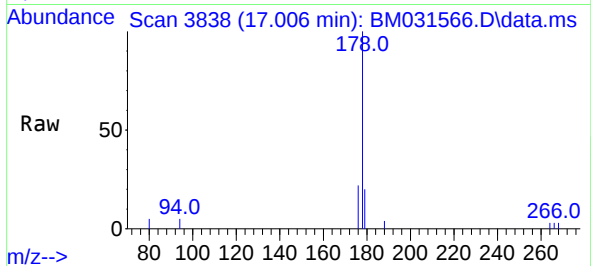
Quant Time: Aug 09 04:08:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.135 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.006 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43

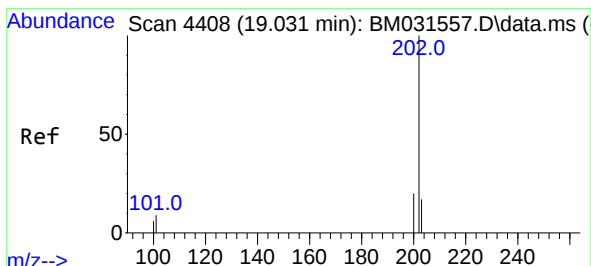
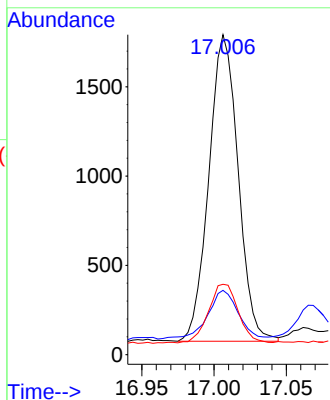
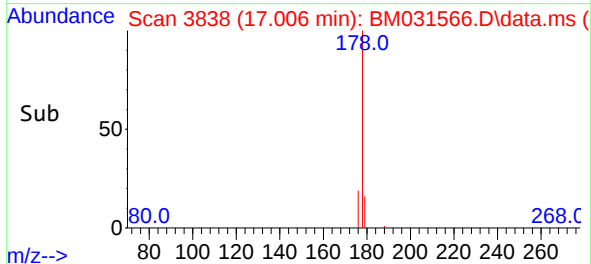
Instrument :
BNA_M
ClientSampled :
BGEX1



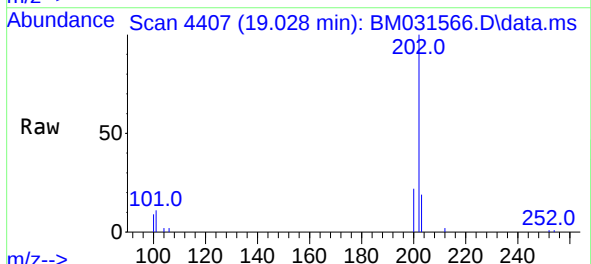
Tgt Ion:178 Resp: 2422
Ion Ratio Lower Upper
178 100
179 20.1 13.3 19.9#
176 22.0 16.2 24.4

Manual Integrations
APPROVED

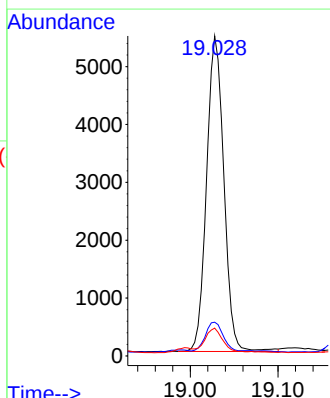
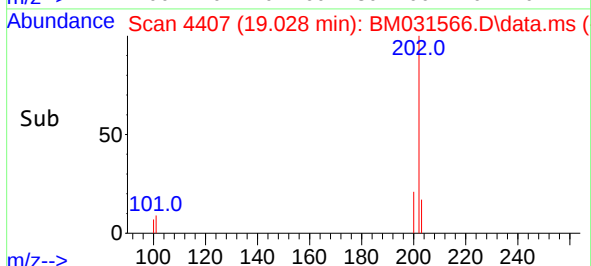
mohammad
8/9/2021 12:14:18 PM

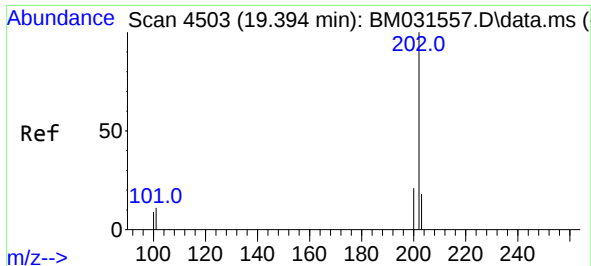


#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.003 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



Tgt Ion:202 Resp: 7463
Ion Ratio Lower Upper
202 100
101 10.6 6.6 10.0#
100 8.7 5.4 8.0#





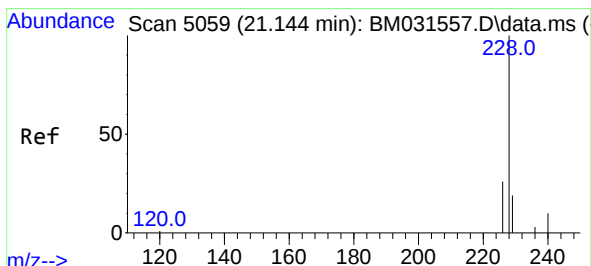
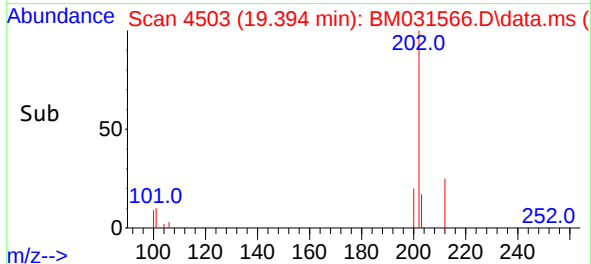
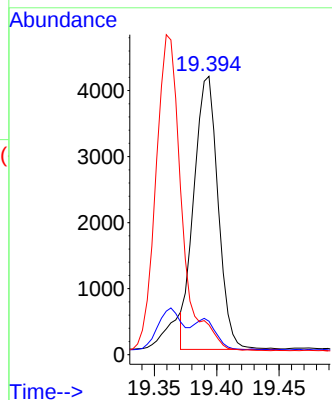
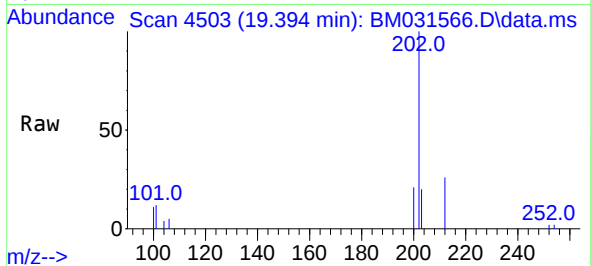
#20
Pyrene
Concen: 0.284 ng/ul m
RT: 19.394 min Scan# 4503
Delta R.T. -0.003 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43

Tgt Ion:202 Resp: 5580
Ion Ratio Lower Upper
202 100
101 12.0 7.8 11.6#
100 10.7 6.6 10.0#

Instrument :
BNA_M
ClientSampled :
BGEX1

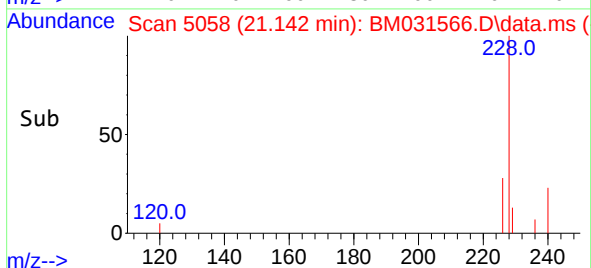
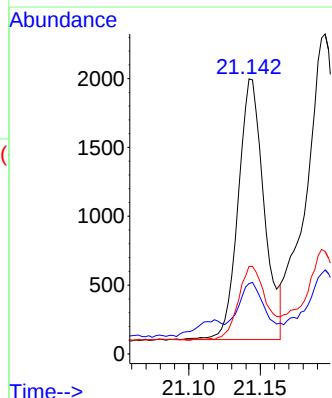
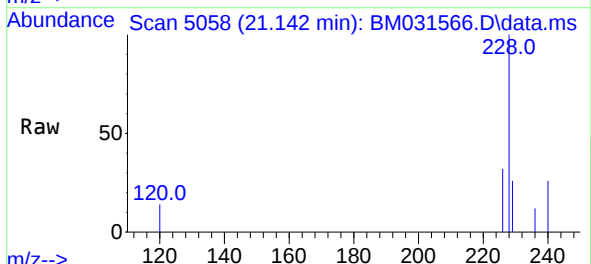
Manual Integrations
APPROVED

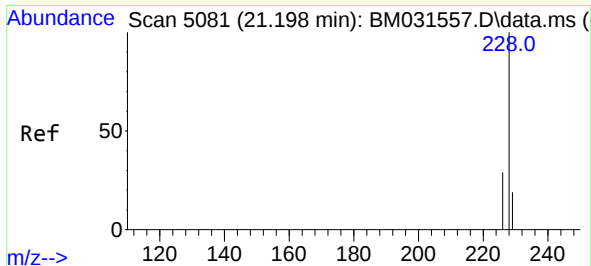
mohammad
8/9/2021 12:14:18 PM



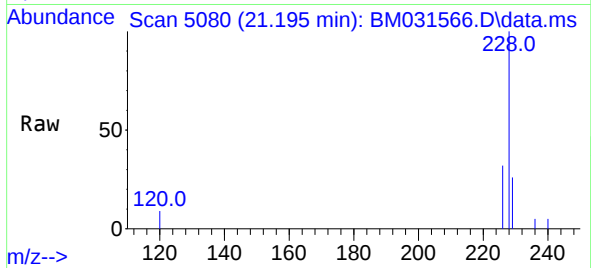
#21
Benzo(a)anthracene
Concen: 0.131 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43

Tgt Ion:228 Resp: 2390
Ion Ratio Lower Upper
228 100
229 25.6 15.6 23.4#
226 31.8 21.7 32.5

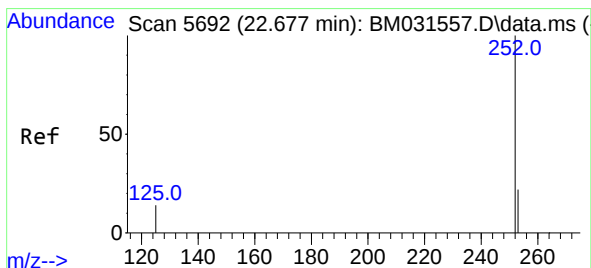
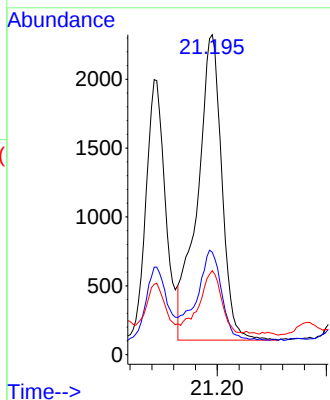
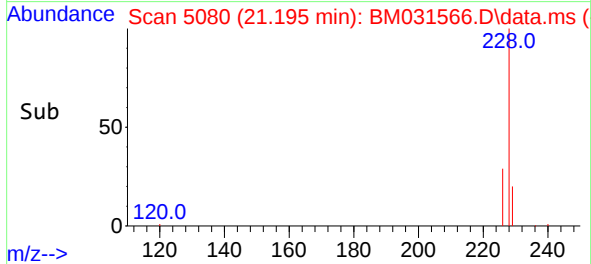




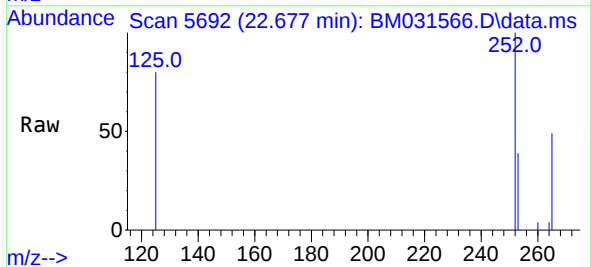
#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.004 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



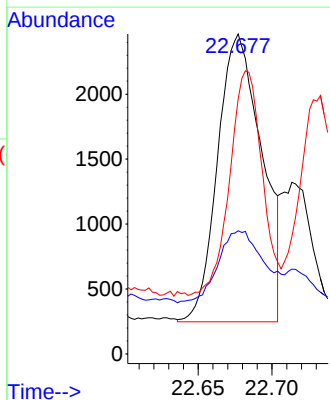
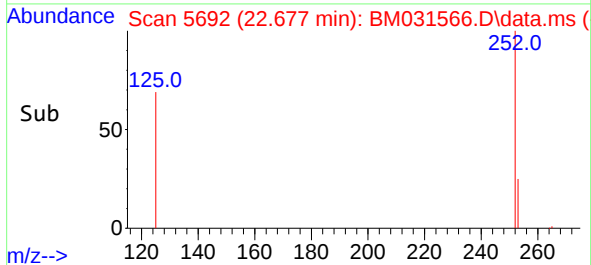
Tgt Ion:228 Resp: 3453
Ion Ratio Lower Upper
228 100
226 32.0 24.7 37.1
229 26.2 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.218 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.004 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



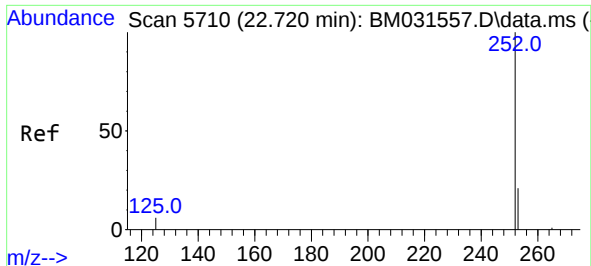
Tgt Ion:252 Resp: 4611
Ion Ratio Lower Upper
252 100
253 38.5 0.0 53.0
125 79.7 0.0 22.8#



Instrument :
BNA_M
ClientSampled :
BGEX1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:14:18 PM



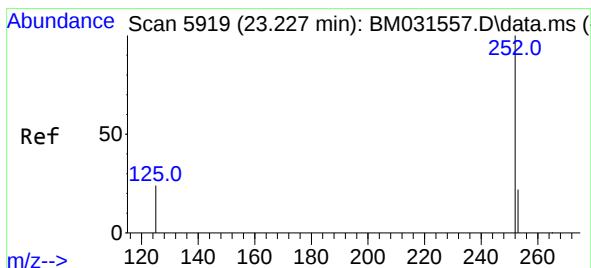
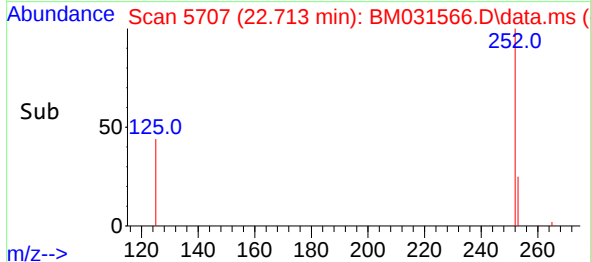
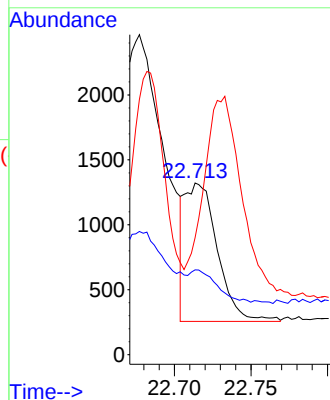
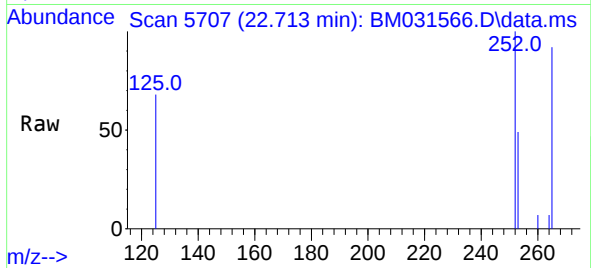
#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43

Tgt Ion:	252	Resp:	1583
Ion Ratio	Lower	Upper	
252	100		
253	49.4	21.3	31.9#
125	68.1	8.8	13.2#

Instrument :
BNA_M
ClientSampled :
BGEX1

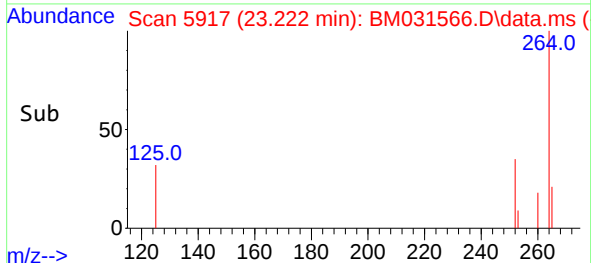
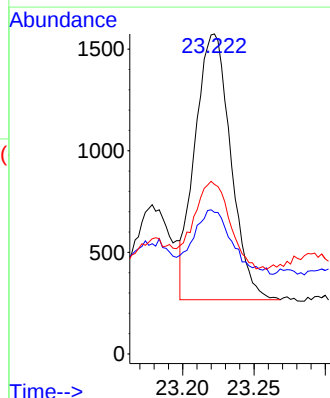
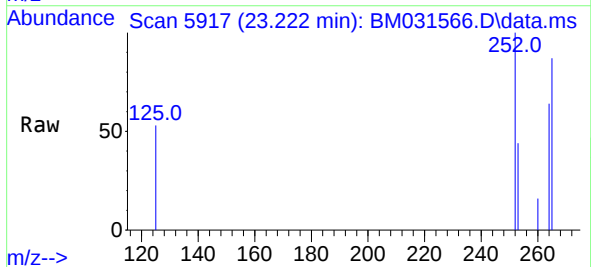
Manual Integrations
APPROVED

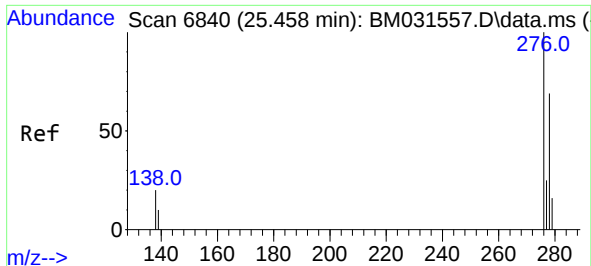
mohammad
8/9/2021 12:14:18 PM



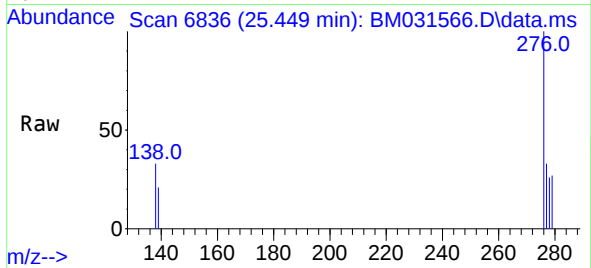
#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43

Tgt Ion:	252	Resp:	2281
Ion Ratio	Lower	Upper	
252	100		
253	44.3	22.4	33.6#
125	53.0	13.0	19.4#

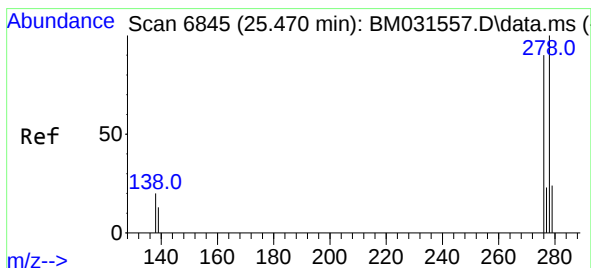
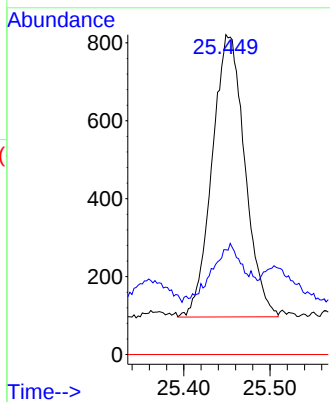
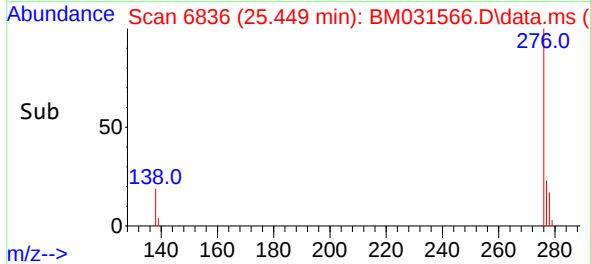




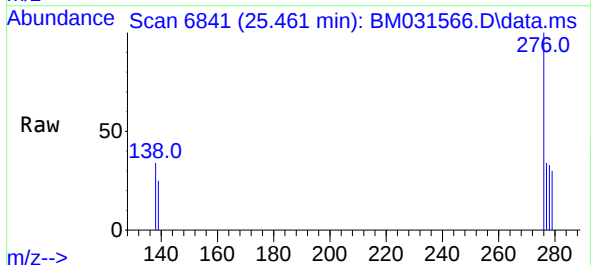
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



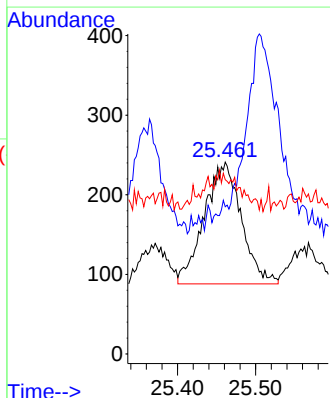
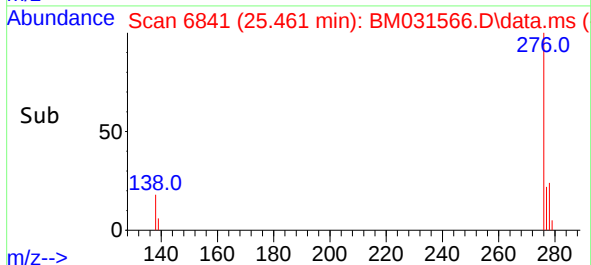
Tgt Ion:276 Resp: 1909
Ion Ratio Lower Upper
276 100
138 20.8 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.014 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



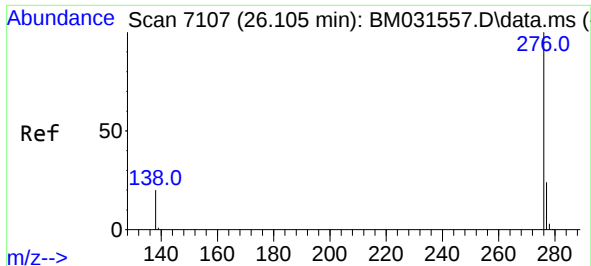
Tgt Ion:278 Resp: 506
Ion Ratio Lower Upper
278 100
139 76.8 13.3 19.9#
279 90.9 22.8 34.2#



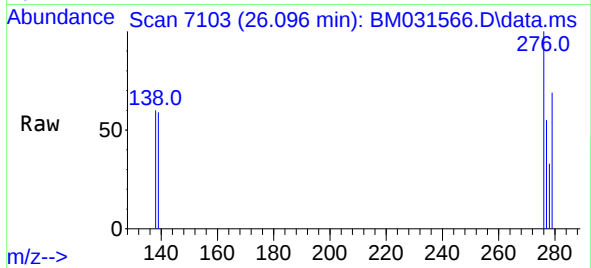
Instrument :
BNA_M
ClientSampled :
BGEX1

Manual Integrations
APPROVED

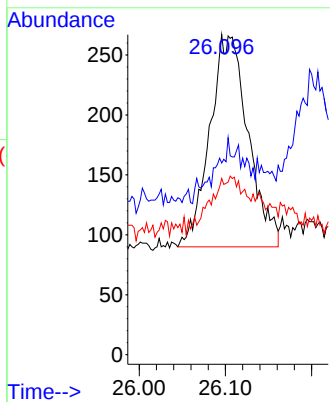
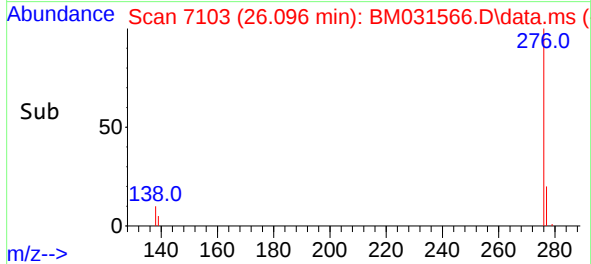
mohammad
8/9/2021 12:14:18 PM



#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.019 min
Lab File: BM031566.D
Acq: 08 Aug 2021 00:43



Tgt Ion: 276 Resp: 548
Ion Ratio Lower Upper
276 100
138 59.9 15.4 23.2#
277 55.1 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
BGEX1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:14:18 PM