

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031458.D
 Acq On : 04 Aug 2021 21:38
 Operator : CG/JU
 Sample : M3141-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEQ9

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:04:49 PM

Quant Time: Aug 05 01:02:05 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 : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	4946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	3017	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	5955	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.164	240	5080	0.400	ng/ul	0.00
23) Perylene-d12	23.321	264	5135	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	4419	3.040	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.948	152	1954	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	3947	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.401	128	474	0.032	ng/ul#	66
10) Acenaphthylene	13.945	152	559	0.044	ng/ul#	76
15) Phenanthrene	17.013	178	2104	0.111	ng/ul	95
16) Anthracene	17.103	178	1059	0.060	ng/ul#	85
19) Fluoranthene	19.035	202	10926	0.504	ng/ul	98
20) Pyrene	19.397	202	8719m	0.396	ng/ul	
21) Benzo(a)anthracene	21.149	228	5396	0.263	ng/ul	92
22) Chrysene	21.200	228	5443	0.256	ng/ul	97
24) Benzo(b)fluoranthene	22.684	252	6983m	0.302	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	2641m	0.110	ng/ul	
26) Benzo(a)pyrene	23.227	252	3563	0.176	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.461	276	2468	0.094	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.473	278	783	0.037	ng/ul#	39

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

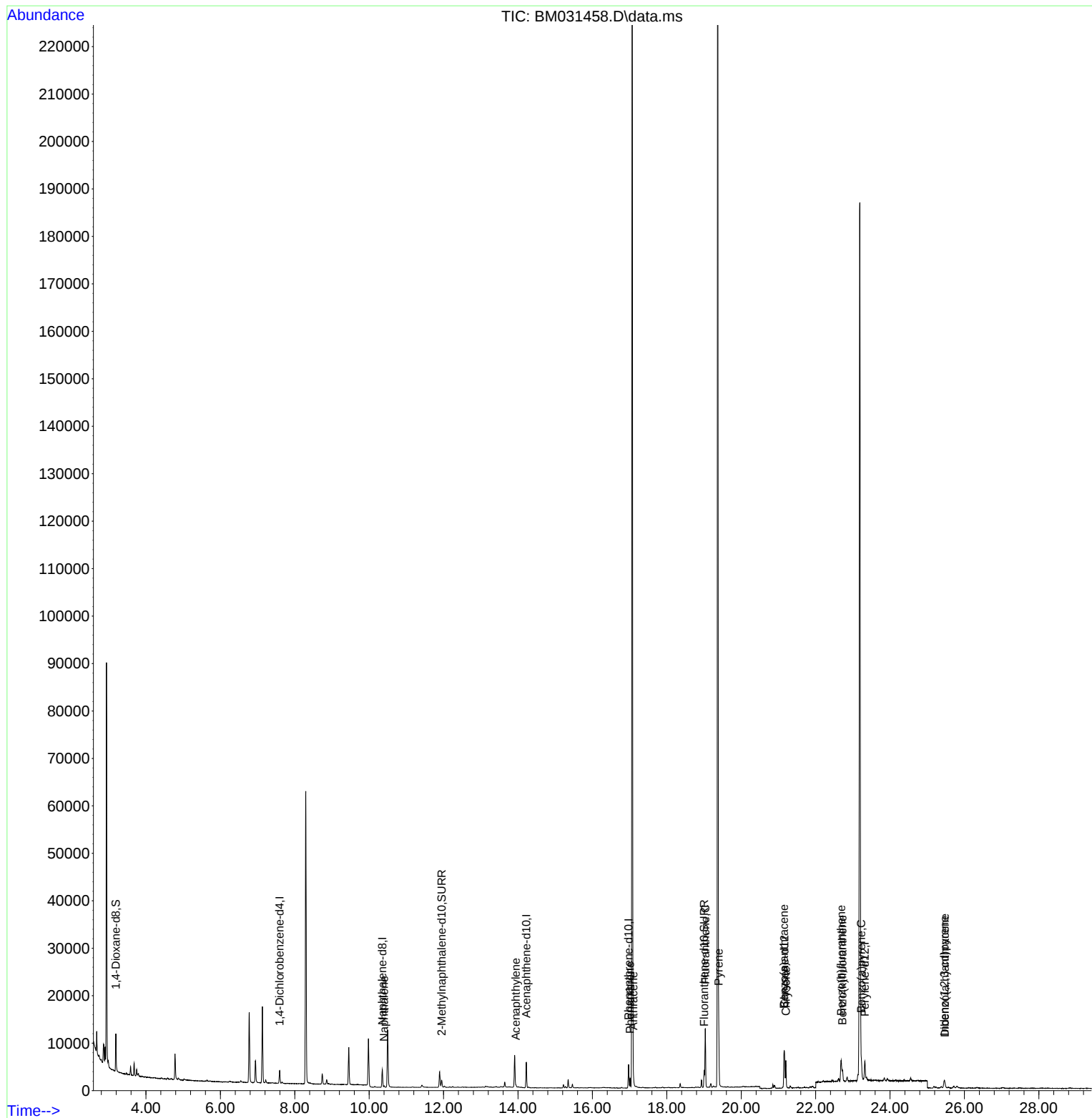
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031458.D
Acq On : 04 Aug 2021 21:38
Operator : CG/JU
Sample : M3141-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

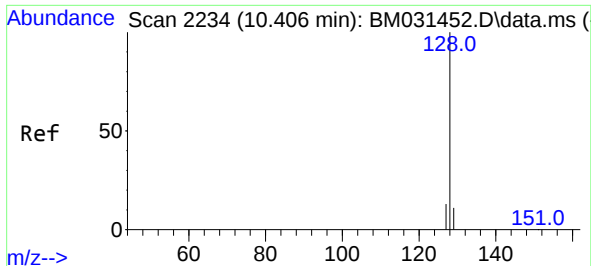
Instrument :
BNA_M
ClientSampleId :
BGEQ9

Manual Integrations
APPROVED

mohammad
8/5/2021 5:04:49 PM

Quant Time: Aug 05 01:02:05 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration





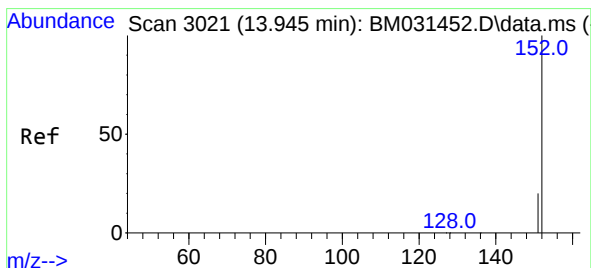
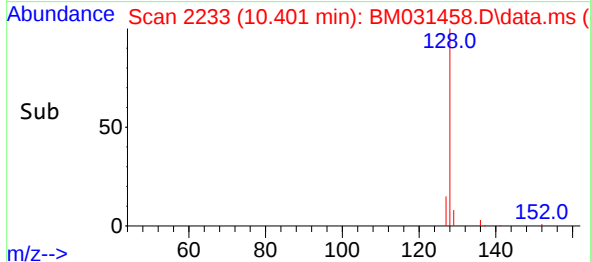
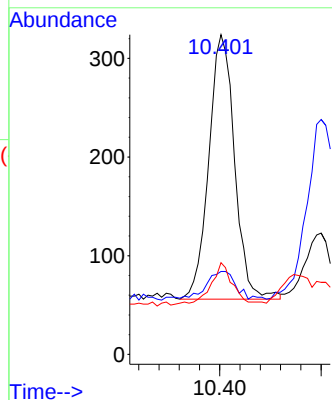
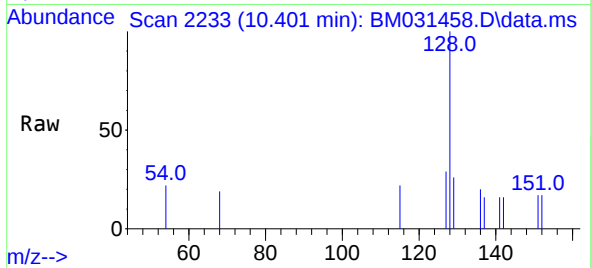
#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.004 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	128	Resp:	474
Ion	Ratio	Lower	Upper
128	100		
129	25.9	10.0	15.0#
127	28.7	11.6	17.4#

Instrument :
BNA_M
ClientSampled :
BGEQ9

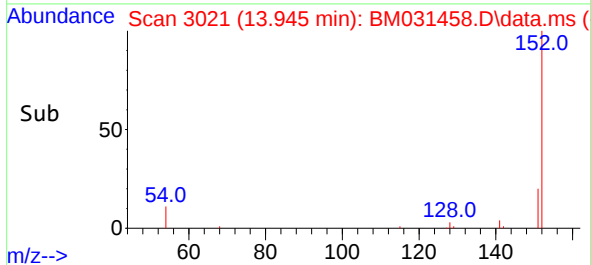
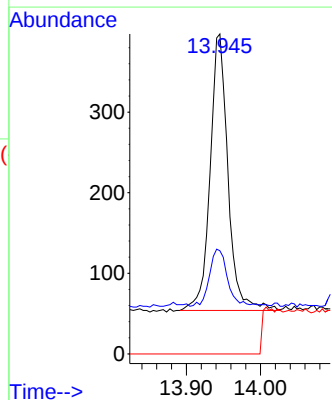
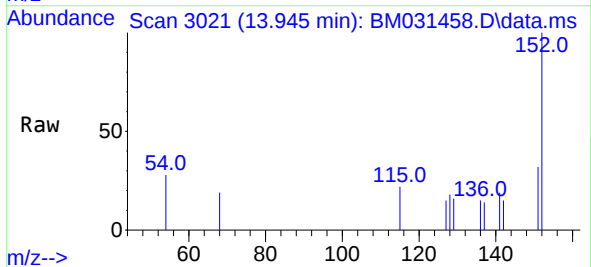
Manual Integrations
APPROVED

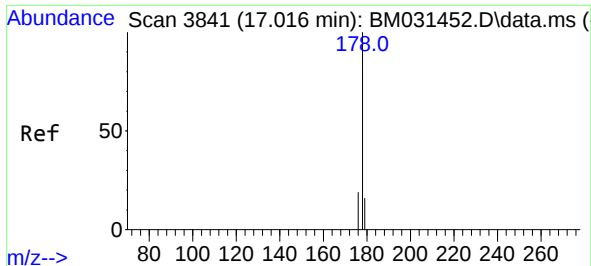
mohammad
8/5/2021 5:04:49 PM



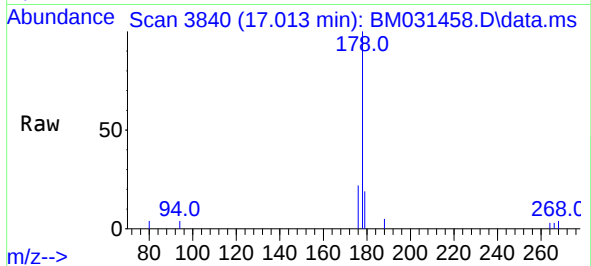
#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	152	Resp:	559
Ion	Ratio	Lower	Upper
152	100		
151	32.2	16.9	25.3#
153	0.0	0.0	0.0

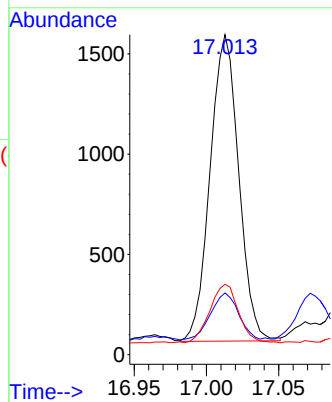




#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38



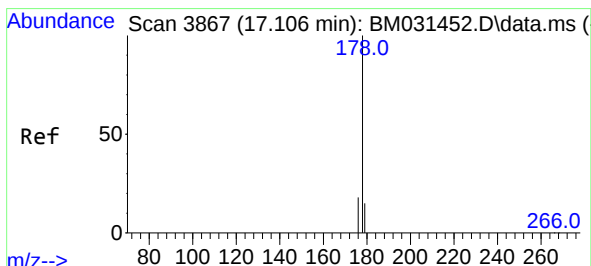
Tgt Ion:	178	Resp:	2104
Ion	Ratio	Lower	Upper
178	100		
179	19.3	13.3	19.9
176	22.0	16.2	24.4



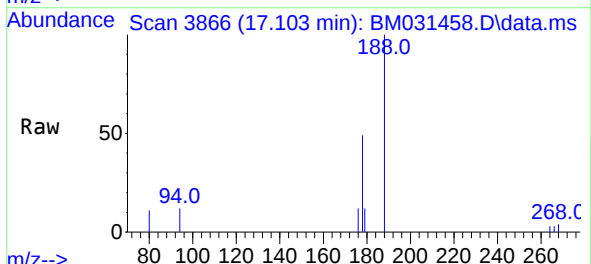
Instrument :
BNA_M
ClientSampled :
BGEQ9

Manual Integrations
APPROVED

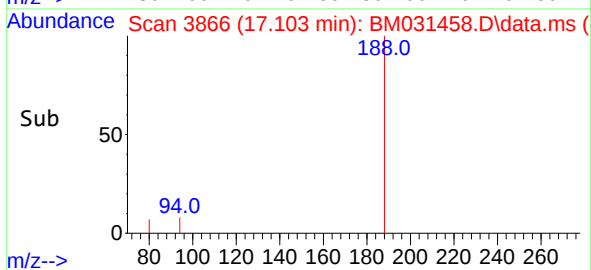
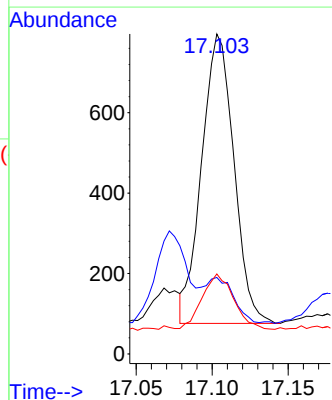
mohammad
8/5/2021 5:04:49 PM

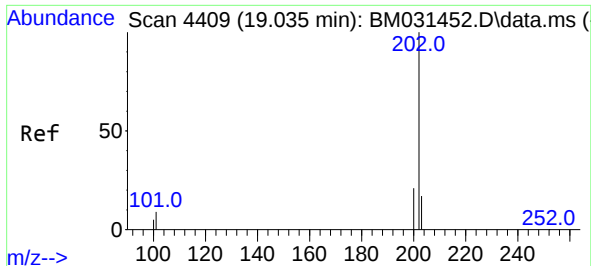


#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.103 min Scan# 3866
Delta R.T. -0.007 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38



Tgt Ion:	178	Resp:	1059
Ion	Ratio	Lower	Upper
178	100		
179	23.9	13.0	19.6#
176	25.0	15.6	23.4#





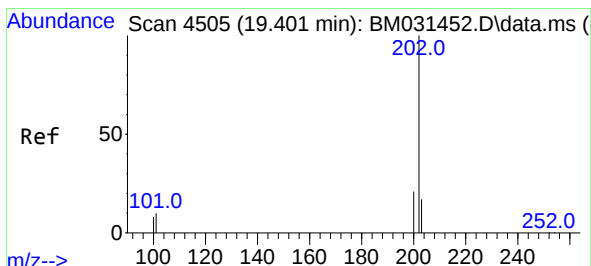
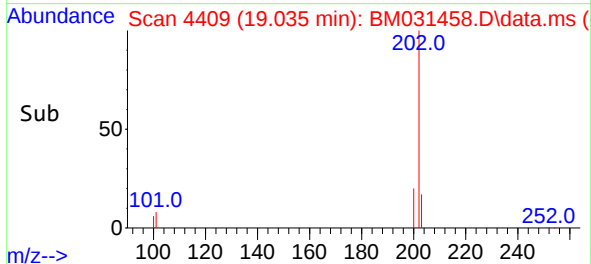
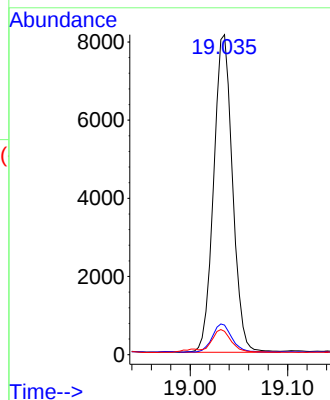
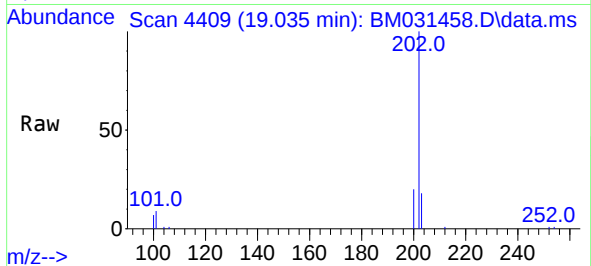
#19
Fluoranthene
Concen: 0.504 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.004 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	202	Resp:	10926
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.3	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
BGEQ9

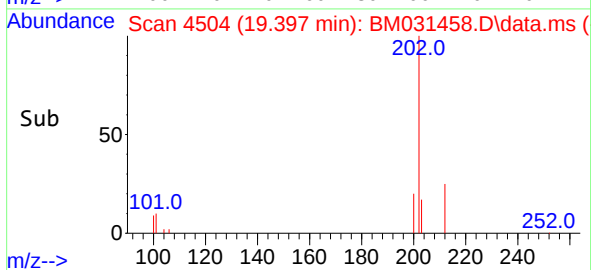
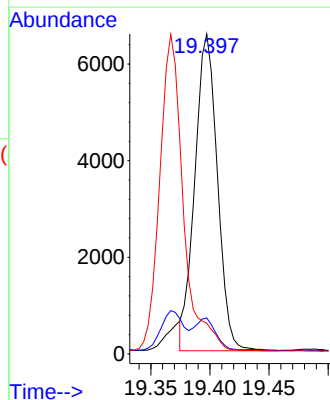
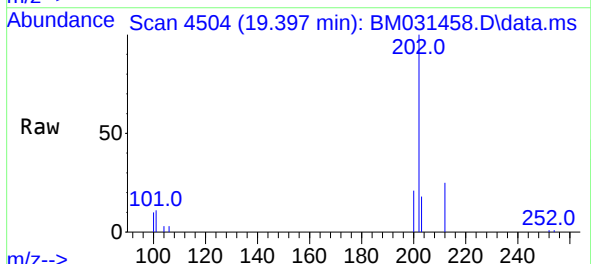
Manual Integrations
APPROVED

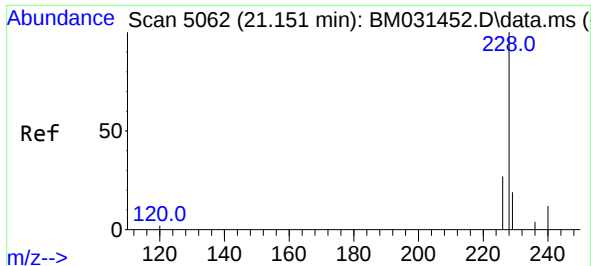
mohammad
8/5/2021 5:04:49 PM



#20
Pyrene
Concen: 0.396 ng/ul m
RT: 19.397 min Scan# 4504
Delta R.T. -0.004 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	202	Resp:	8719
Ion Ratio	Lower	Upper	
202	100		
101	11.2	7.8	11.6
100	9.6	6.6	10.0





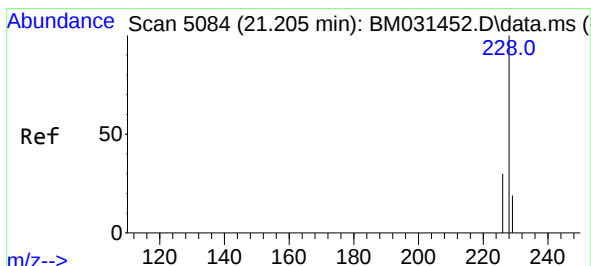
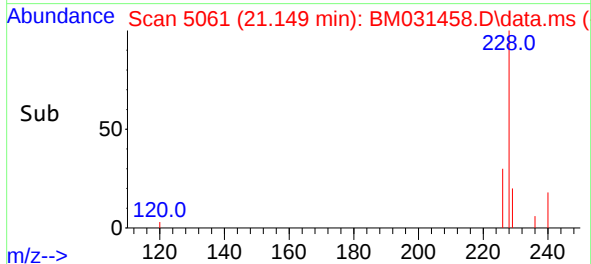
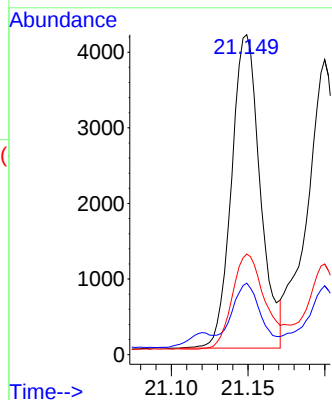
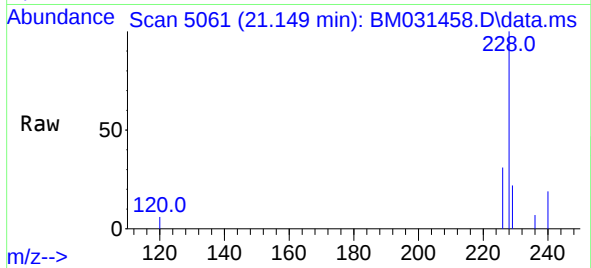
#21
Benzo(a)anthracene
Concen: 0.263 ng/u1
RT: 21.149 min Scan# 5061
Delta R.T. -0.005 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	228	Resp:	5396
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.6	23.4
226	31.5	21.7	32.5

Instrument :
BNA_M
ClientSampleId :
BGEQ9

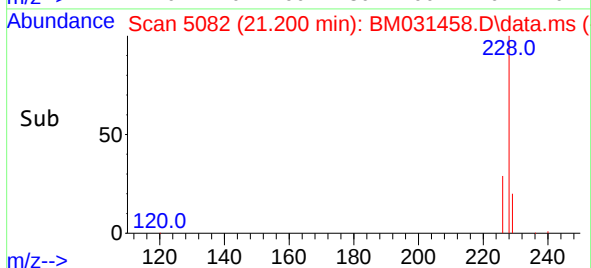
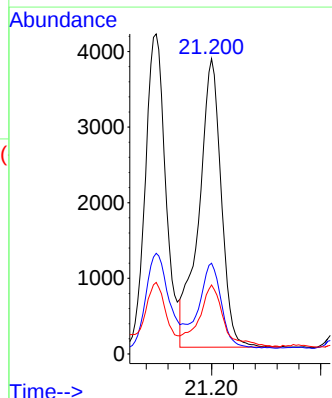
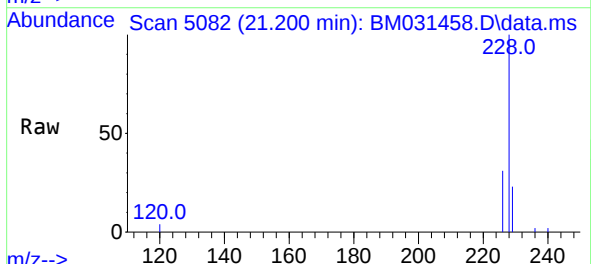
Manual Integrations
APPROVED

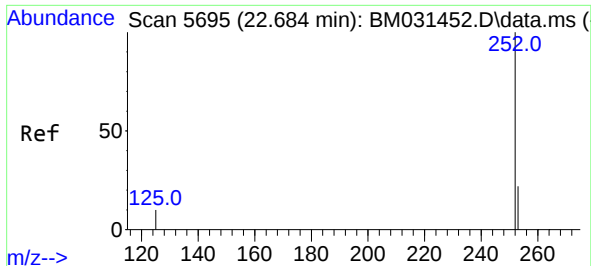
mohammad
8/5/2021 5:04:49 PM



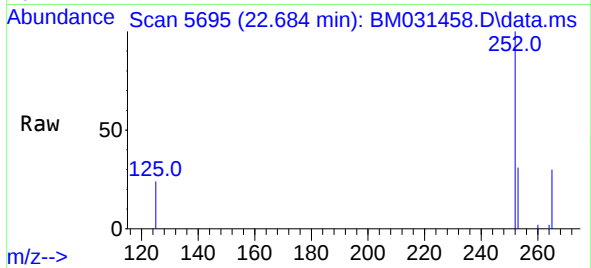
#22
Chrysene
Concen: 0.256 ng/u1
RT: 21.200 min Scan# 5082
Delta R.T. -0.005 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	228	Resp:	5443
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	23.4	16.2	24.2

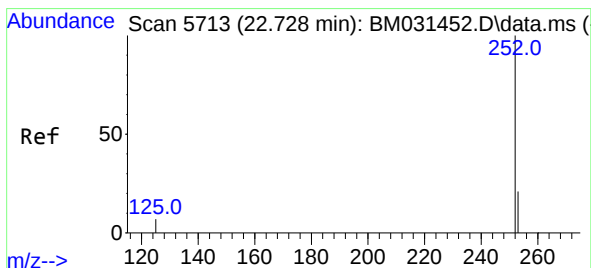
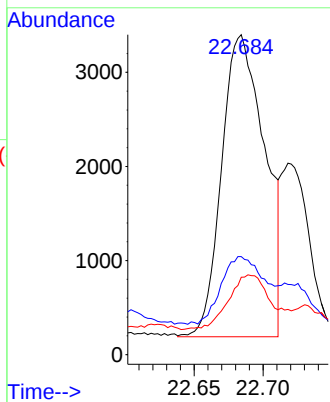
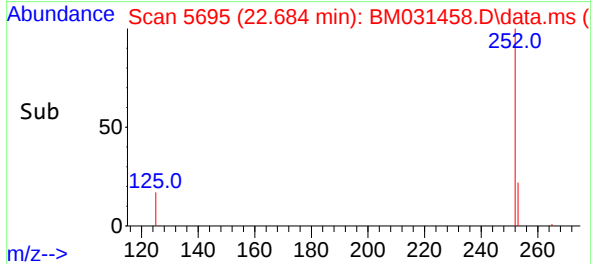




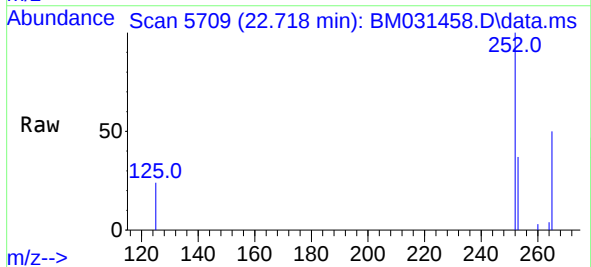
#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul m
RT: 22.684 min Scan# 5695
Delta R.T. -0.002 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38



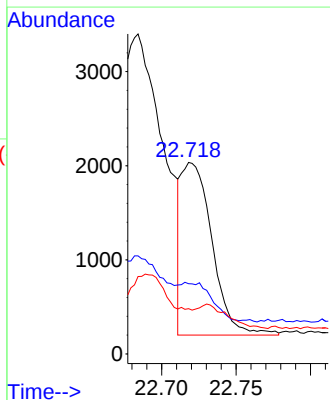
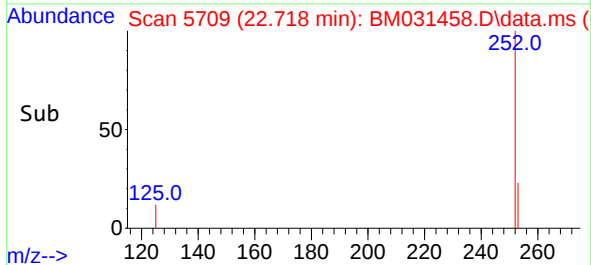
Tgt Ion:252 Resp: 6983
Ion Ratio Lower Upper
252 100
253 30.6 0.0 53.0
125 24.2 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.009 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38



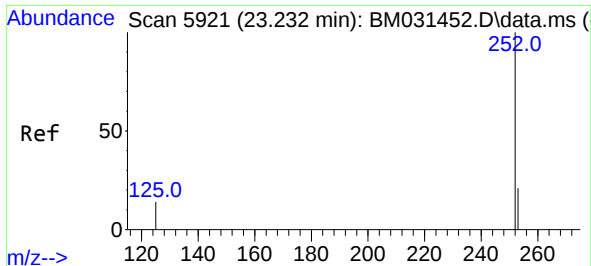
Tgt Ion:252 Resp: 2641
Ion Ratio Lower Upper
252 100
253 36.7 21.3 31.9#
125 23.6 8.8 13.2#



Instrument :
BNA_M
ClientSampled :
BGEQ9

Manual Integrations
APPROVED

mohammad
8/5/2021 5:04:49 PM



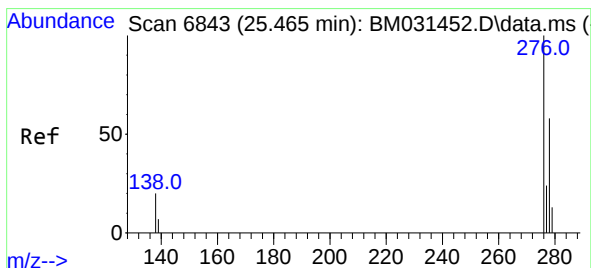
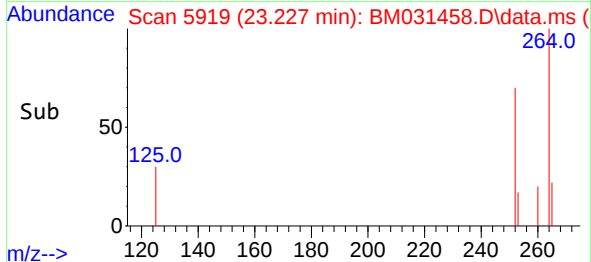
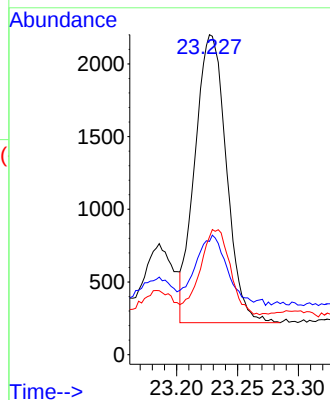
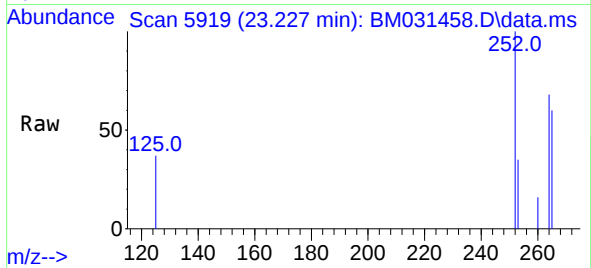
#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.227 min Scan# 5919
Delta R.T. -0.007 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

Tgt Ion:	252	Resp:	3563
Ion Ratio	Lower	Upper	
252	100		
253	35.4	22.4	33.6#
125	36.8	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
BGEQ9

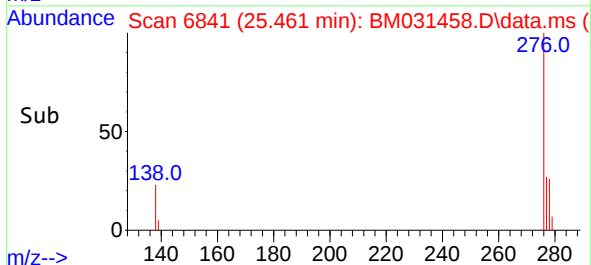
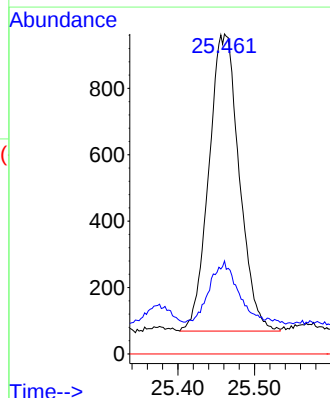
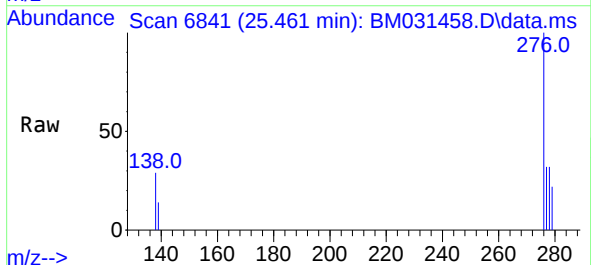
Manual Integrations
APPROVED

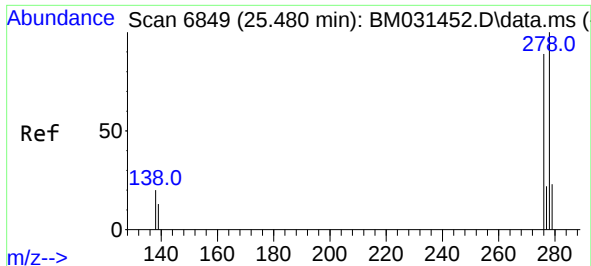
mohammad
8/5/2021 5:04:49 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.005 min
Lab File: BM031458.D
Acq: 04 Aug 2021 21:38

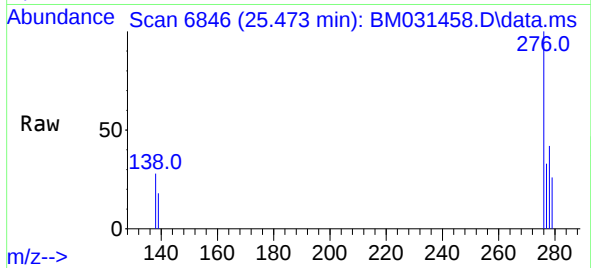
Tgt Ion:	276	Resp:	2468
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul
 RT: 25.473 min Scan# 6846
 Delta R.T. -0.012 min
 Lab File: BM031458.D
 Acq: 04 Aug 2021 21:38

Instrument :
 BNA_M
 ClientSampleId :
 BGEQ9



Tgt Ion: 278 Resp: 783
 Ion Ratio Lower Upper
 278 100
 139 42.0 13.3 19.9#
 279 61.8 22.8 34.2#

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:04:49 PM

