

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031437.D
 Acq On : 04 Aug 2021 07:21
 Operator : CG/JU
 Sample : M3122-21
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGET4

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:48:56 PM

Quant Time: Aug 04 08:21:18 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 04:12:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	2596	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	4896	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.166	240	3627	0.400	ng/ul	0.00
23) Perylene-d12	23.324	264	3595	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3382	2.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1203	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	2381	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.013	178	475	0.031	ng/ul#	76
19) Fluoranthene	19.035	202	1699	0.110	ng/ul#	88
20) Pyrene	19.397	202	770	0.049	ng/ul#	73
21) Benzo(a)anthracene	21.149	228	689	0.047	ng/ul#	80
22) Chrysene	21.202	228	942	0.062	ng/ul#	88
24) Benzo(b)fluoranthene	22.682	252	1397m	0.086	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	578m	0.035	ng/ul	

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

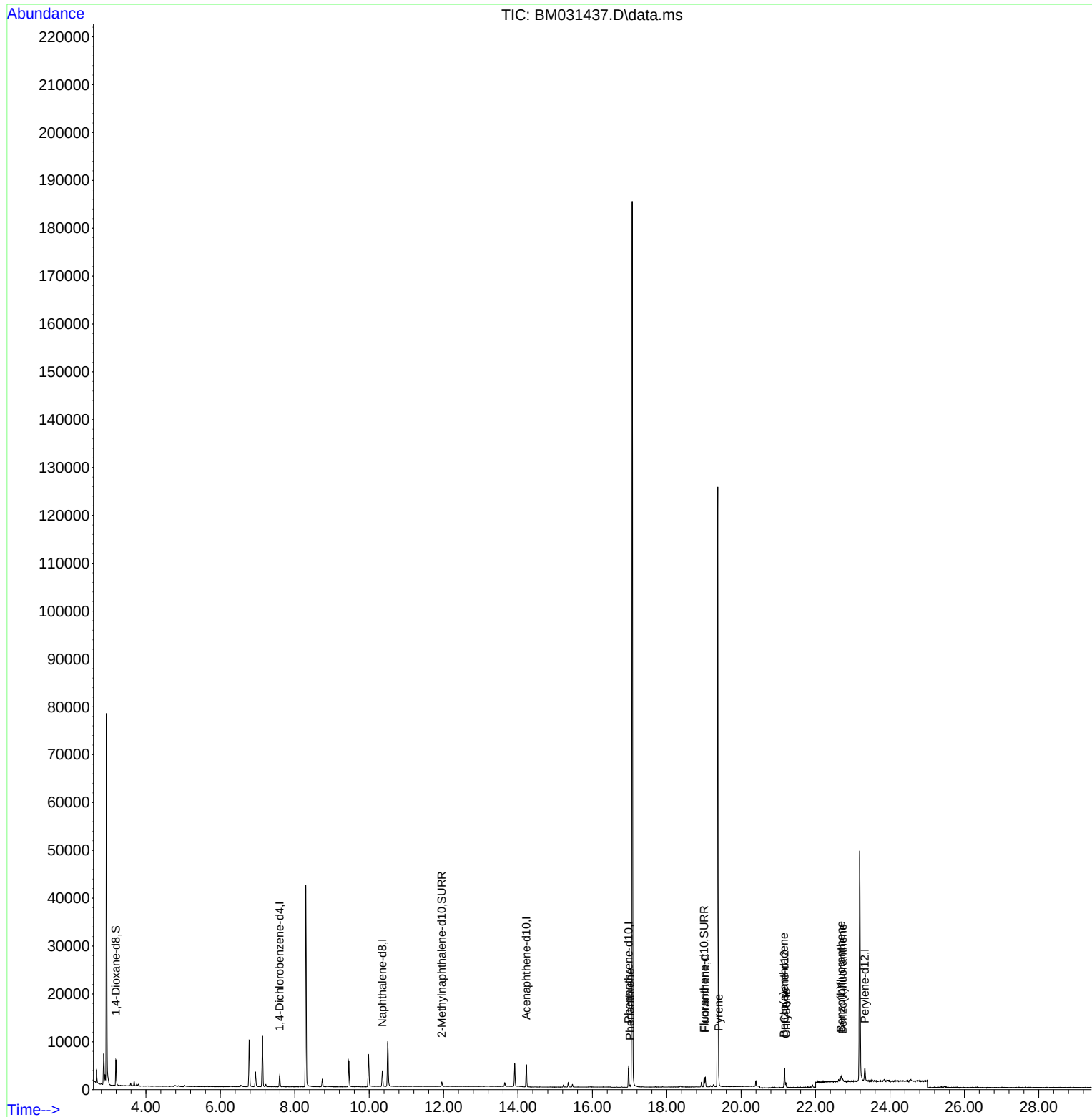
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031437.D
Acq On : 04 Aug 2021 07:21
Operator : CG/JU
Sample : M3122-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

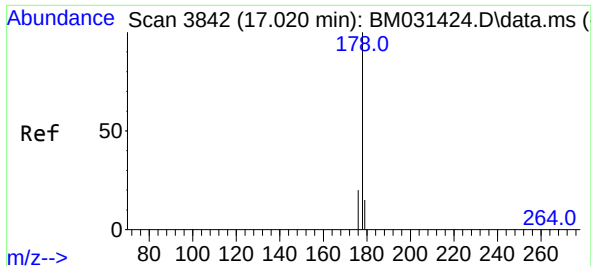
Instrument :
BNA_M
ClientSampleId :
BGET4

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:56 PM

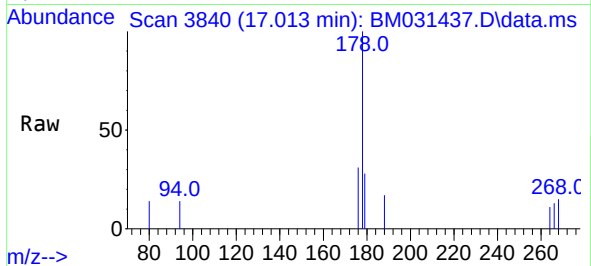
Quant Time: Aug 04 08:21:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 04:12:19 2021
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21

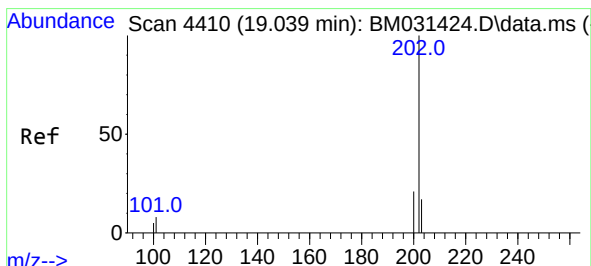
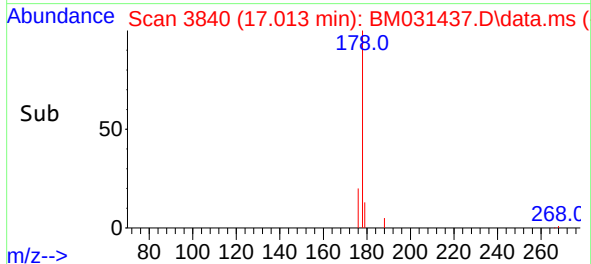
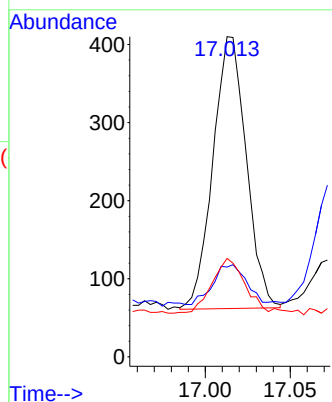
Instrument :
BNA_M
ClientSampled :
BGET4



Tgt Ion:178 Resp: 475
Ion Ratio Lower Upper
178 100
179 28.0 13.3 19.9#
176 30.7 16.2 24.4#

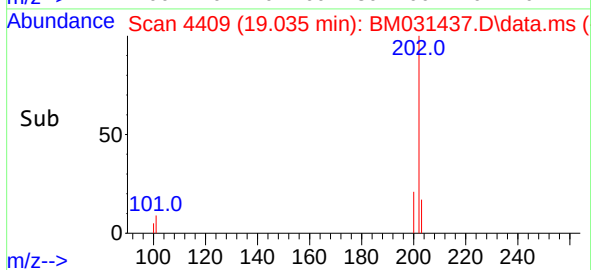
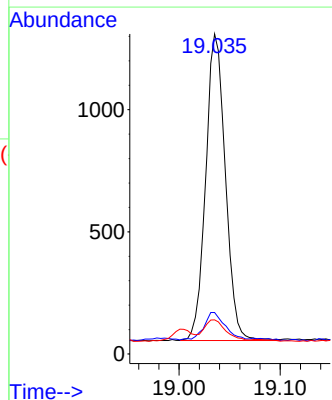
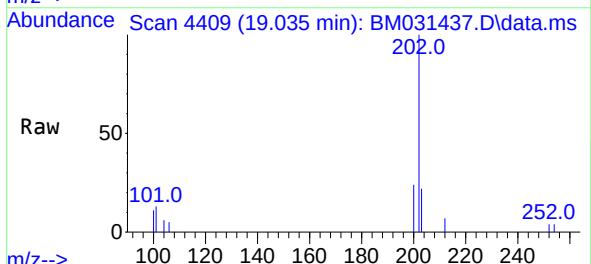
Manual Integrations
APPROVED

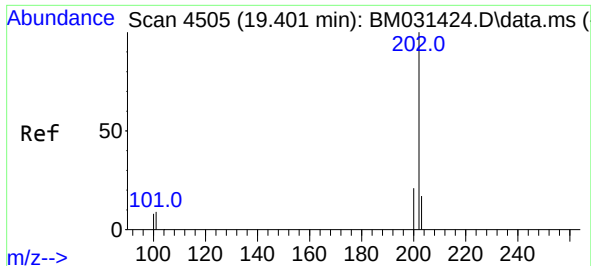
mohammad
8/4/2021 3:48:56 PM



#19
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21

Tgt Ion:202 Resp: 1699
Ion Ratio Lower Upper
202 100
101 13.0 6.6 10.0#
100 10.7 5.4 8.0#





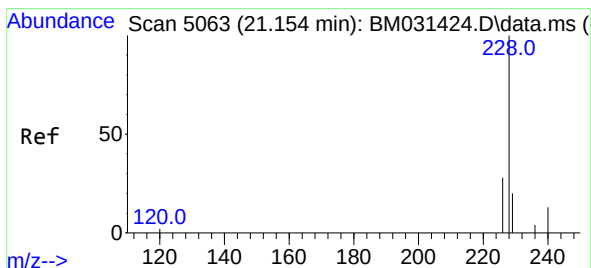
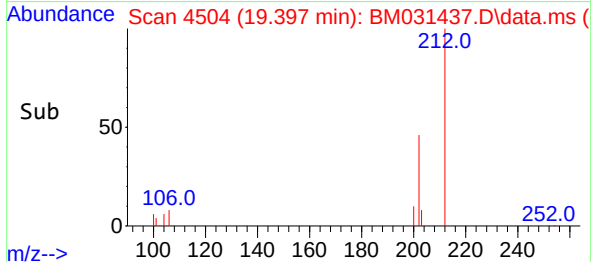
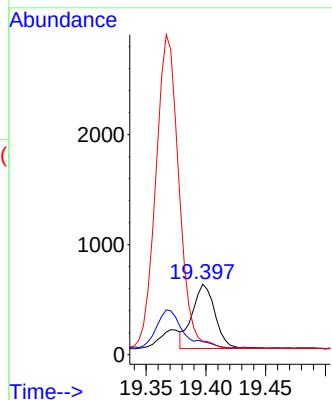
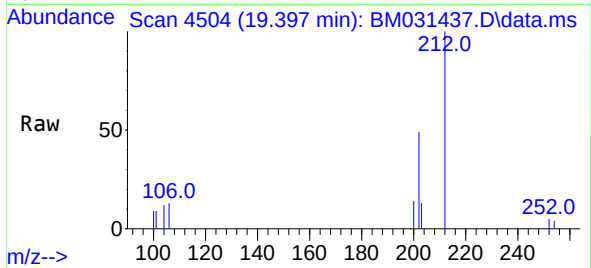
#20
Pyrene
Concen: 0.049 ng/ul
RT: 19.397 min Scan# 4504
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21

Tgt Ion:202	Resp:	770
Ion Ratio	Lower	Upper
202	100	
101	18.4	7.8 11.6#
100	19.2	6.6 10.0#

Instrument :
BNA_M
ClientSampled :
BGET4

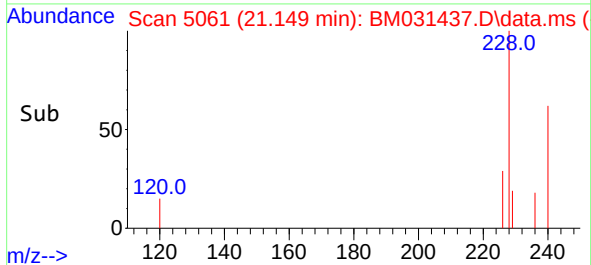
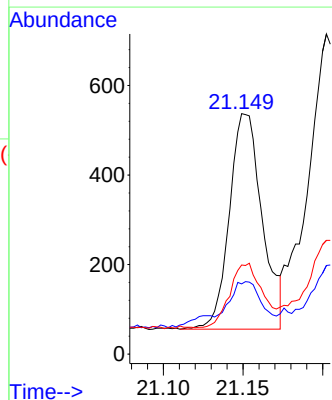
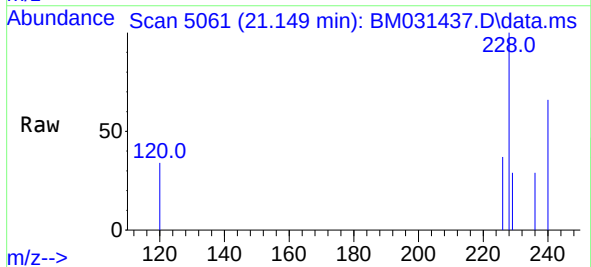
Manual Integrations
APPROVED

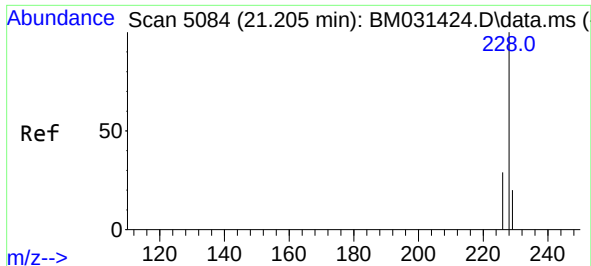
mohammad
8/4/2021 3:48:56 PM



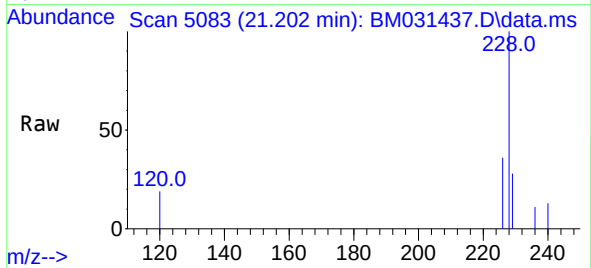
#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21

Tgt Ion:228	Resp:	689
Ion Ratio	Lower	Upper
228	100	
229	29.2	15.6 23.4#
226	37.1	21.7 32.5#

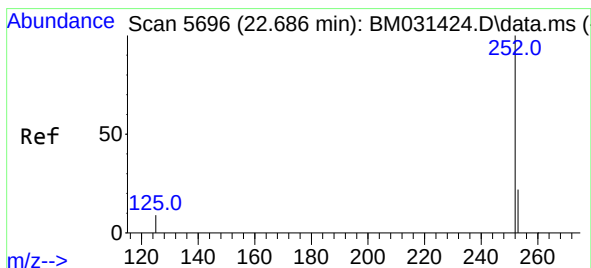
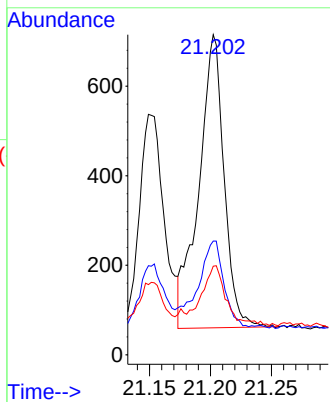
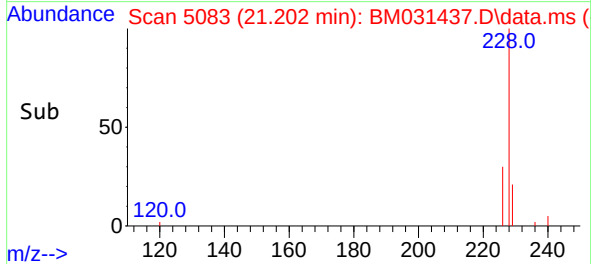




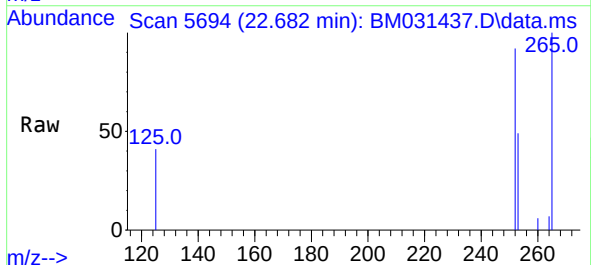
#22
Chrysene
Concen: 0.062 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.005 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21



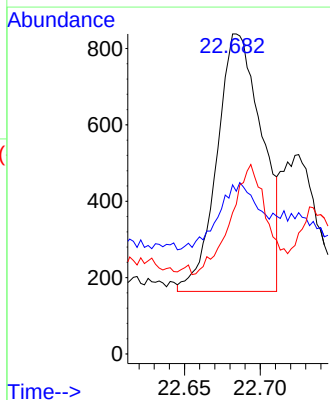
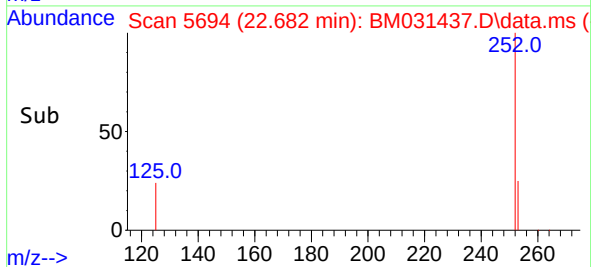
Tgt Ion:228 Resp: 942
Ion Ratio Lower Upper
228 100
226 35.5 24.7 37.1
229 27.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21



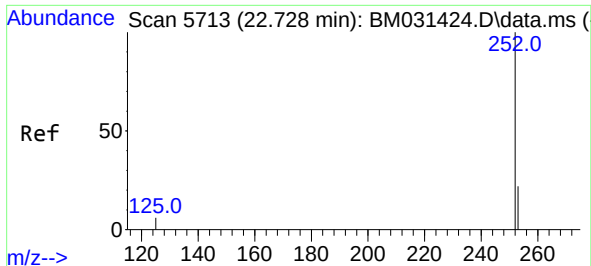
Tgt Ion:252 Resp: 1397
Ion Ratio Lower Upper
252 100
253 52.9 0.0 53.0
125 44.2 0.0 22.8#



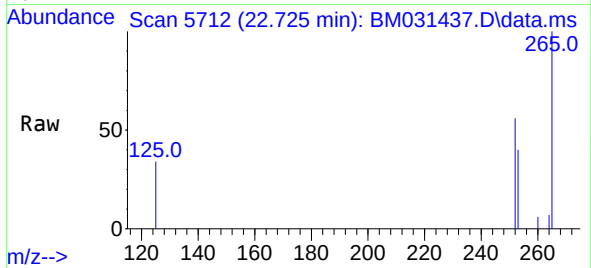
Instrument :
BNA_M
ClientSampleId :
BGET4

Manual Integrations
APPROVED

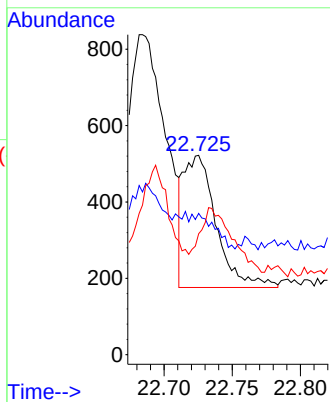
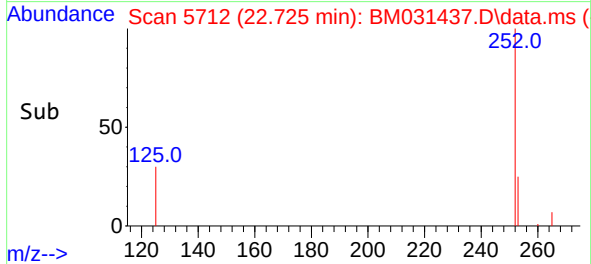
mohammad
8/4/2021 3:48:56 PM



#25
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.007 min
Lab File: BM031437.D
Acq: 04 Aug 2021 07:21



Tgt Ion: 252 Resp: 578
Ion Ratio Lower Upper
252 100
253 70.9 21.3 31.9#
125 60.7 8.8 13.2#



Instrument :
BNA_M
ClientSampleId :
BGET4

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:56 PM