

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031431.D
 Acq On : 04 Aug 2021 03:42
 Operator : CG/JU
 Sample : M3122-24
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEZ7

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:48:37 PM

Quant Time: Aug 04 04:16:58 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	7.597	152	1293	0.400	ng/ul	0.00
4) Naphthalene-d8	10.355	136	4890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	2946	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.974	188	5502	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	4036	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	3956	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	3280	2.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	1244	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2217	0.165	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.012	178	505	0.029	ng/ul#	77
19) Fluoranthene	19.035	202	1516	0.088	ng/ul#	88
20) Pyrene	19.401	202	597m	0.034	ng/ul	
21) Benzo(a)anthracene	21.149	228	593	0.036	ng/ul#	81
22) Chrysene	21.202	228	804	0.048	ng/ul#	88
24) Benzo(b)fluoranthene	22.686	252	1155m	0.065	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	452m	0.025	ng/ul	

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

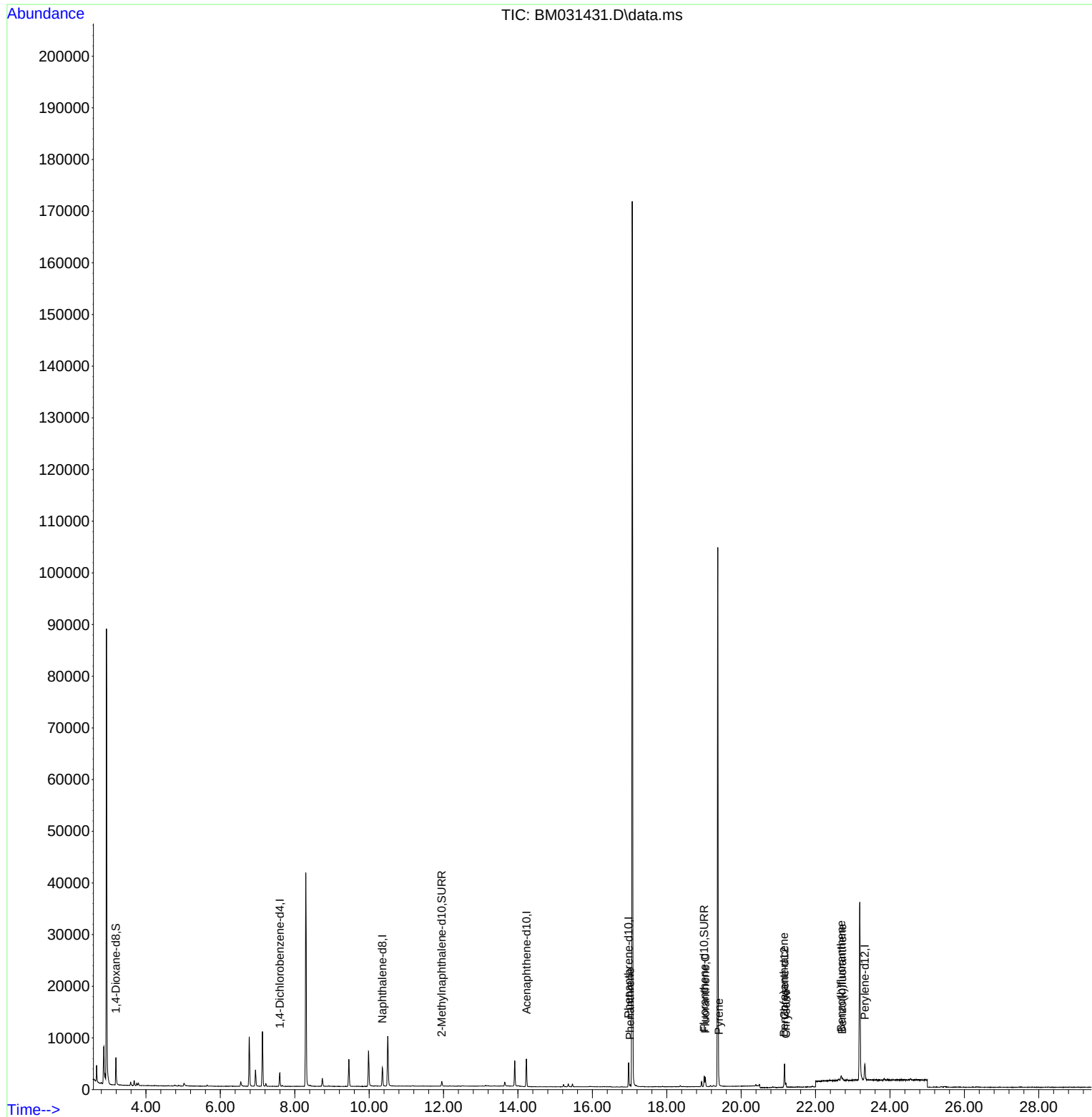
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031431.D
Acq On : 04 Aug 2021 03:42
Operator : CG/JU
Sample : M3122-24
Misc :
ALS Vial : 61 Sample Multiplier: 1

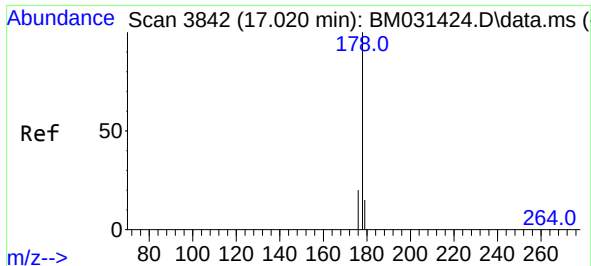
Instrument :
BNA_M
ClientSampleId :
BGEZ7

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:37 PM

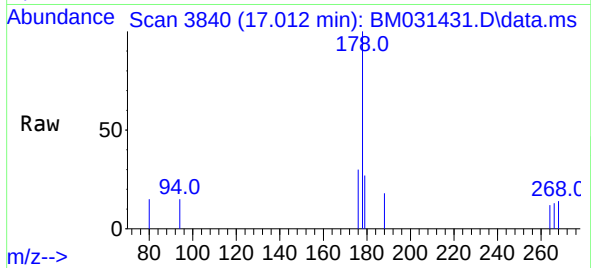
Quant Time: Aug 04 04:16:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 04:12:19 2021
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.012 min Scan# 3840
Delta R.T. -0.007 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42

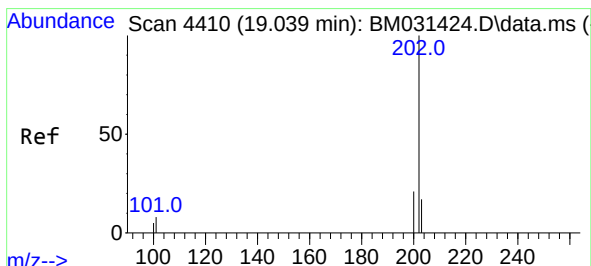
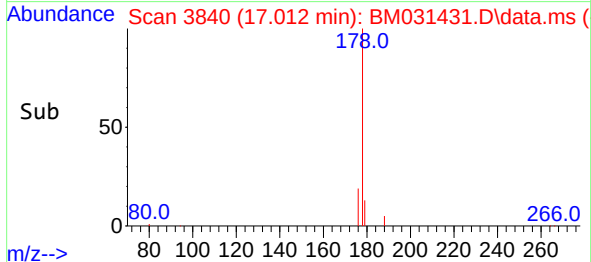
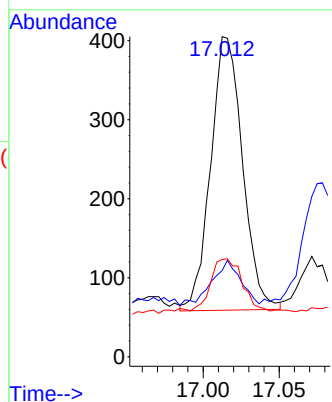
Instrument :
BNA_M
ClientSampled :
BGEZ7



Tgt Ion:	178	Resp:	505
Ion	Ratio	Lower	Upper
178	100		
179	26.9	13.3	19.9#
176	30.4	16.2	24.4#

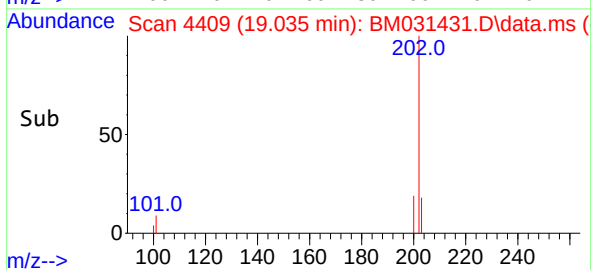
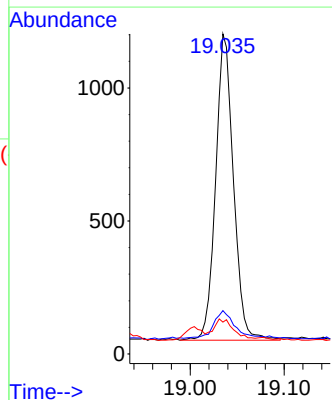
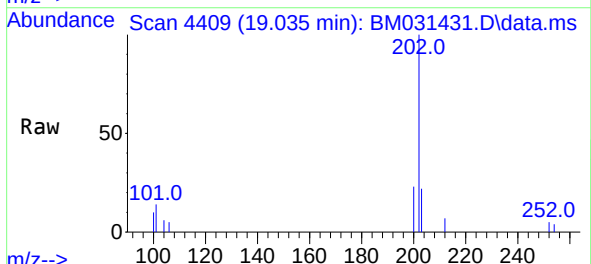
Manual Integrations
APPROVED

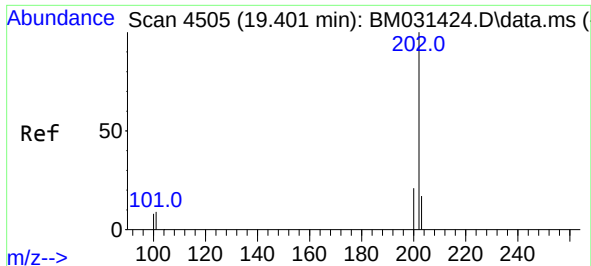
mohammad
8/4/2021 3:48:37 PM



#19
Fluoranthene
Concen: 0.088 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.008 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42

Tgt Ion:	202	Resp:	1516
Ion	Ratio	Lower	Upper
202	100		
101	13.5	6.6	10.0#
100	10.0	5.4	8.0#





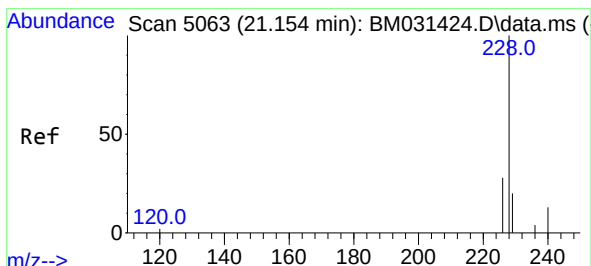
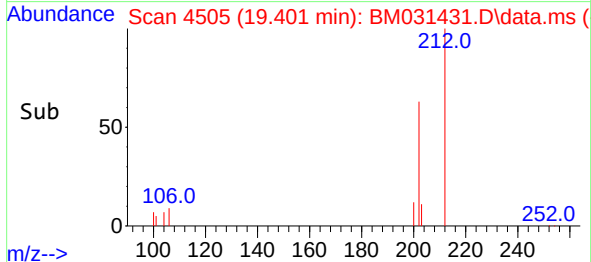
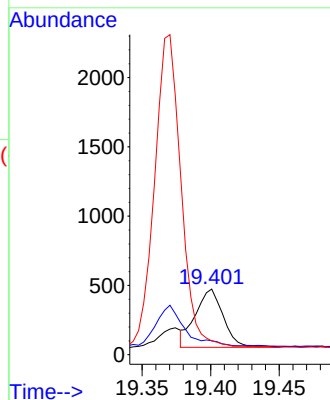
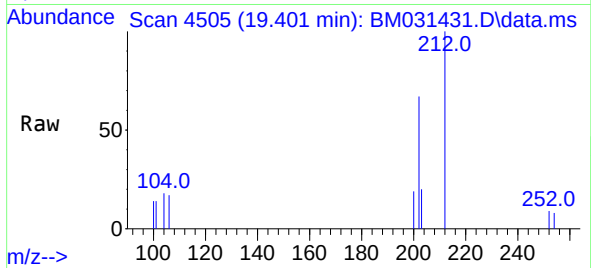
#20
Pyrene
Concen: 0.034 ng/ul m
RT: 19.401 min Scan# 4505
Delta R.T. -0.004 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42

Tgt Ion:	202	Resp:	597
Ion	Ratio	Lower	Upper
202	100		
101	21.3	7.8	11.6#
100	21.1	6.6	10.0#

Instrument :
BNA_M
ClientSampled :
BGEZ7

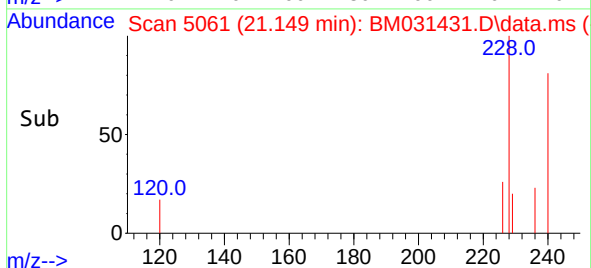
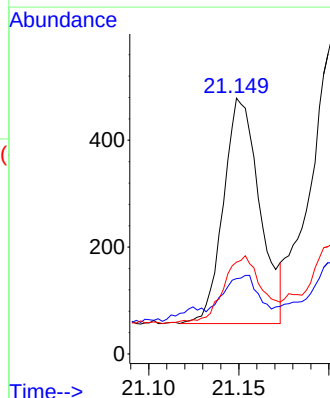
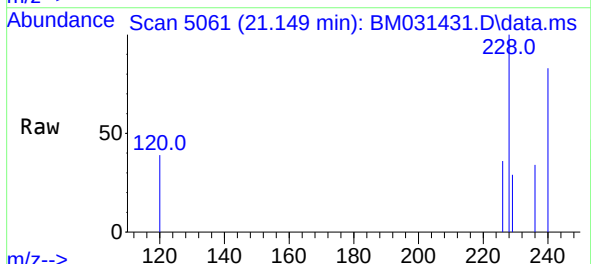
Manual Integrations
APPROVED

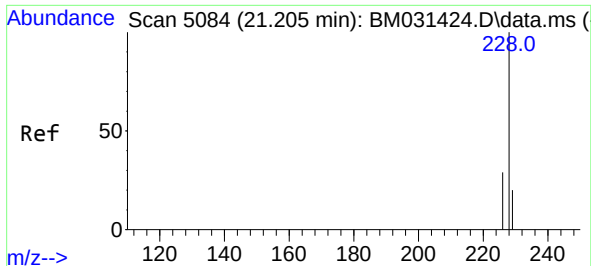
mohammad
8/4/2021 3:48:37 PM



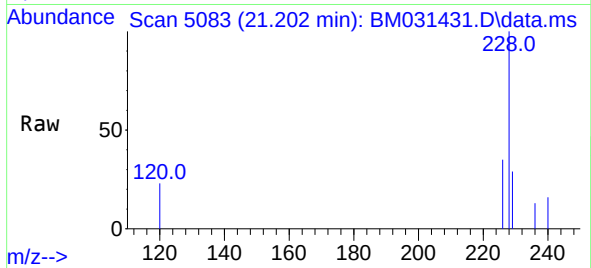
#21
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.007 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42

Tgt Ion:	228	Resp:	593
Ion	Ratio	Lower	Upper
228	100		
229	29.4	15.6	23.4#
226	35.9	21.7	32.5#

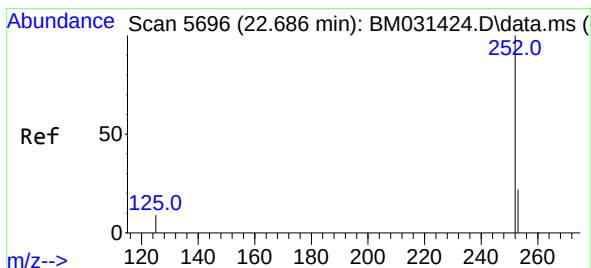
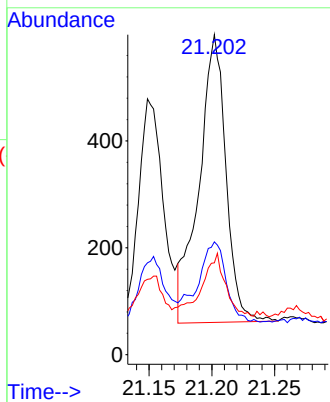
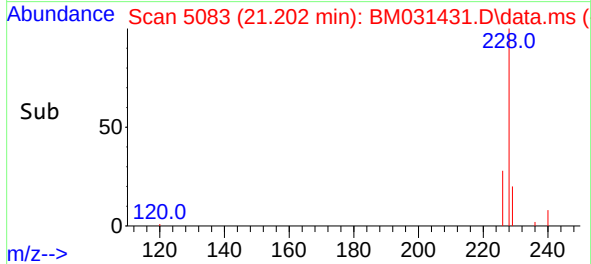




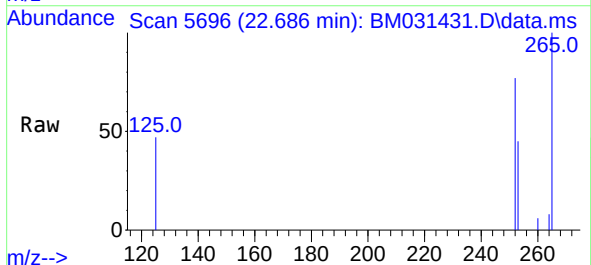
#22
Chrysene
Concen: 0.048 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.005 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42



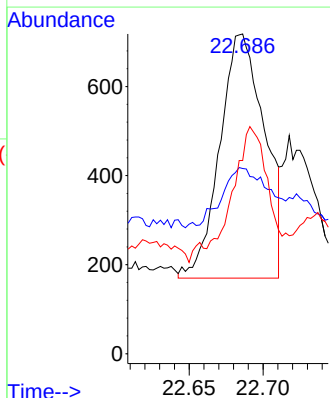
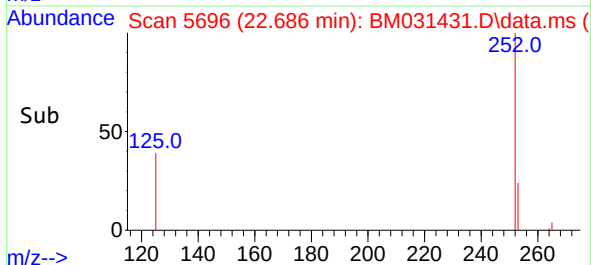
Tgt Ion:228 Resp: 804
Ion Ratio Lower Upper
228 100
226 35.2 24.7 37.1
229 28.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42



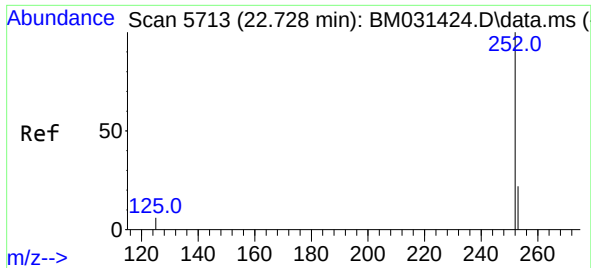
Tgt Ion:252 Resp: 1155
Ion Ratio Lower Upper
252 100
253 57.9 0.0 53.0#
125 60.4 0.0 22.8#



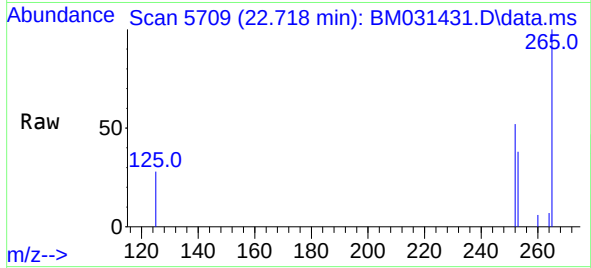
Instrument :
BNA_M
ClientSampleId :
BGEZ7

Manual Integrations
APPROVED

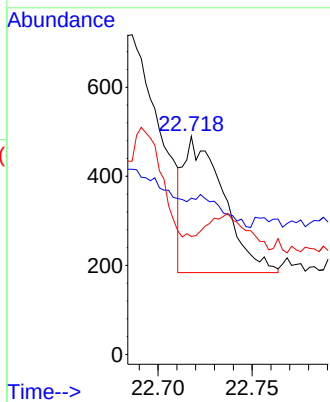
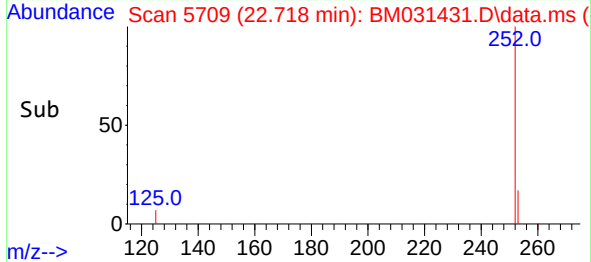
mohammad
8/4/2021 3:48:37 PM



#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.015 min
Lab File: BM031431.D
Acq: 04 Aug 2021 03:42



Tgt Ion:252 Resp: 452
Ion Ratio Lower Upper
252 100
253 71.6 21.3 31.9#
125 54.1 8.8 13.2#



Instrument :
BNA_M
ClientSampleId :
BGEZ7

Manual Integrations
APPROVED

mohammad
8/4/2021 3:48:37 PM