

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031512.D
 Acq On : 06 Aug 2021 12:49
 Operator : CG/JU
 Sample : M3162-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEW2

Manual Integrations
 APPROVED

mohammad
 8/6/2021 2:49:52 PM

Quant Time: Aug 06 13:20:39 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 : Thu Aug 05 11:03:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2562	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	4777	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.164	240	3989	0.400	ng/ul	0.00
23) Perylene-d12	23.319	264	4326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	7861	6.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	3009	0.442	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	5930	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.624	266	34	0.022	ng/ul#	86
15) Phenanthrene	17.009	178	448	0.030	ng/ul#	77
19) Fluoranthene	19.031	202	898	0.053	ng/ul#	76
20) Pyrene	19.393	202	807	0.047	ng/ul#	64
21) Benzo(a)anthracene	21.149	228	394	0.024	ng/ul#	67
22) Chrysene	21.197	228	463	0.028	ng/ul#	80
24) Benzo(b)fluoranthene	22.682	252	731m	0.038	ng/ul	
26) Benzo(a)pyrene	23.224	252	465	0.027	ng/ul#	1

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

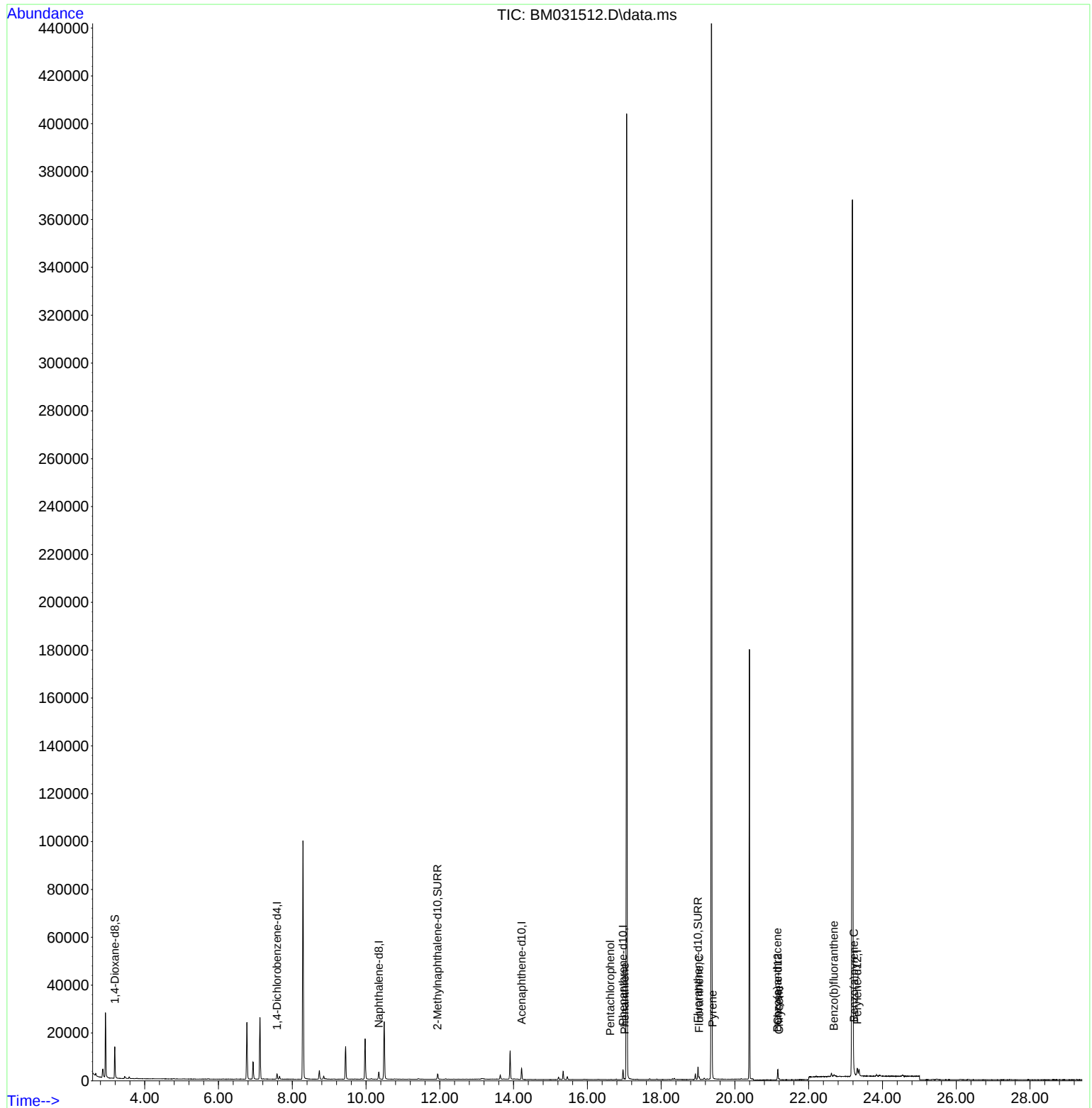
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031512.D
Acq On : 06 Aug 2021 12:49
Operator : CG/JU
Sample : M3162-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

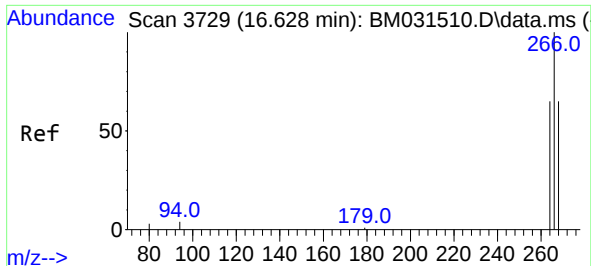
Instrument :
BNA_M
ClientSampleId :
BGEW2

Manual Integrations
APPROVED

mohammad
8/6/2021 2:49:52 PM

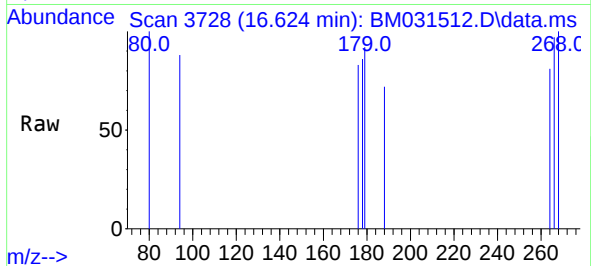
Quant Time: Aug 06 13:20:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.624 min Scan# 3728
Delta R.T. -0.007 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

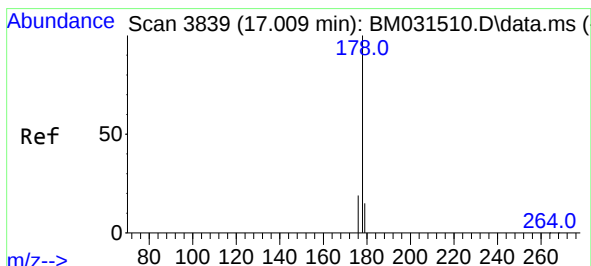
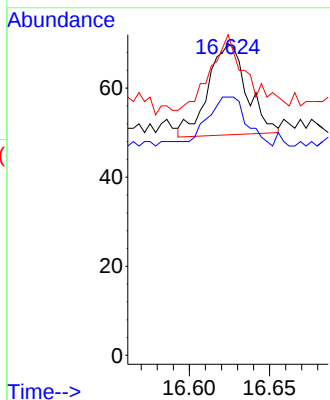
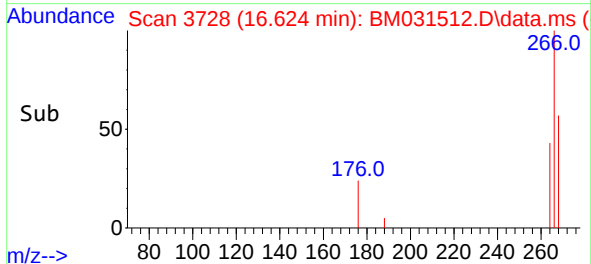
Instrument :
BNA_M
ClientSampled :
BGEW2



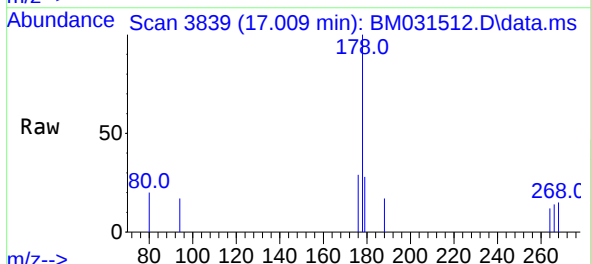
Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 55.9 50.1 75.1
268 79.4 51.3 76.9#

Manual Integrations
APPROVED

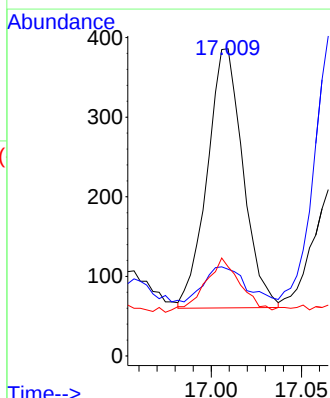
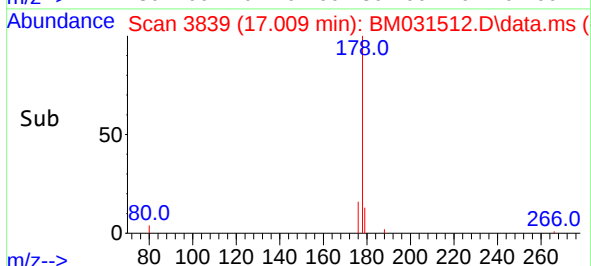
mohammad
8/6/2021 2:49:52 PM

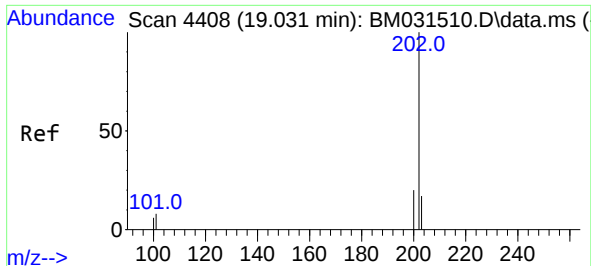


#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.004 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49



Tgt Ion:178 Resp: 448
Ion Ratio Lower Upper
178 100
179 28.2 13.3 19.9#
176 29.0 16.2 24.4#





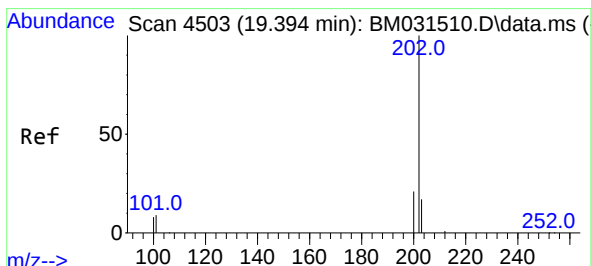
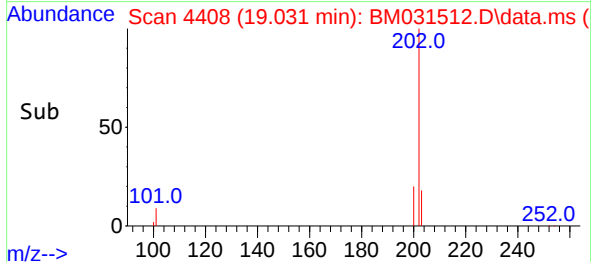
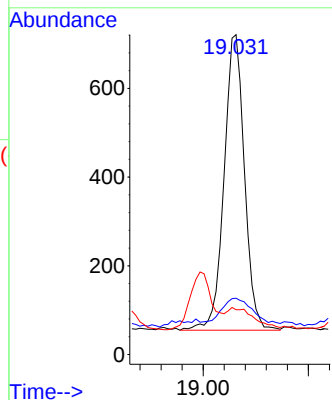
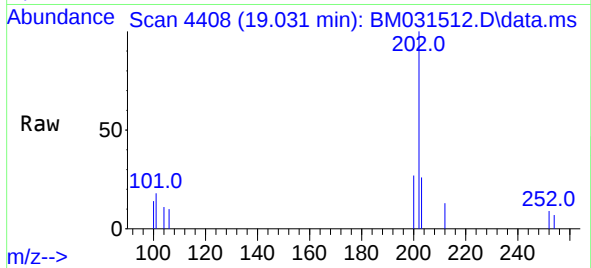
#19
Fluoranthene
Concen: 0.053 ng/u1
RT: 19.031 min Scan# 4408
Delta R.T. -0.004 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:	202	Resp:	898
Ion	Ratio	Lower	Upper
202	100		
101	17.6	6.6	10.0#
100	14.0	5.4	8.0#

Instrument :
BNA_M
ClientSampled :
BGEW2

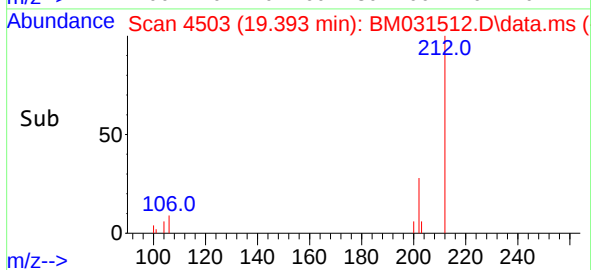
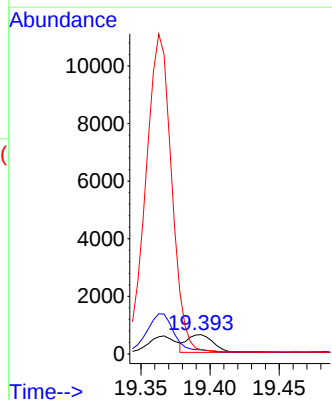
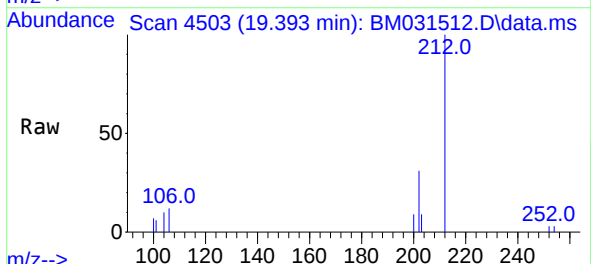
Manual Integrations
APPROVED

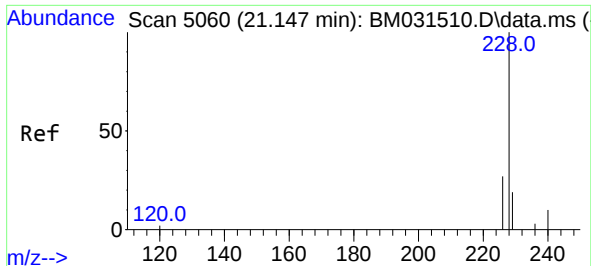
mohammad
8/6/2021 2:49:52 PM



#20
Pyrene
Concen: 0.047 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:	202	Resp:	807
Ion	Ratio	Lower	Upper
202	100		
101	21.2	7.8	11.6#
100	22.7	6.6	10.0#





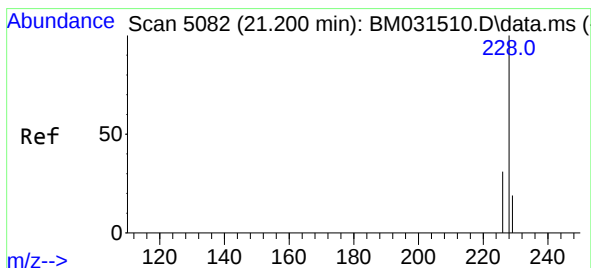
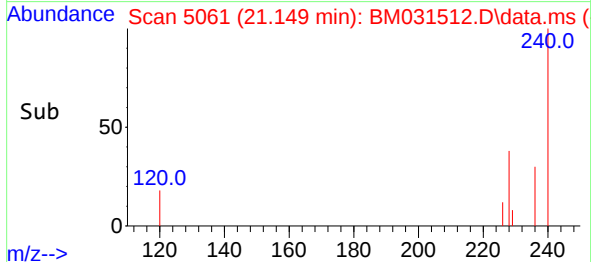
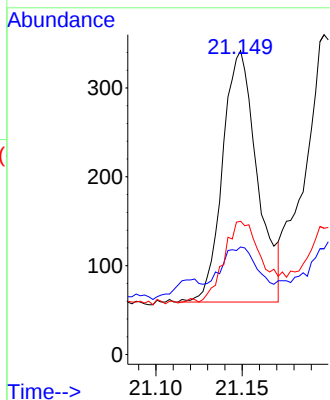
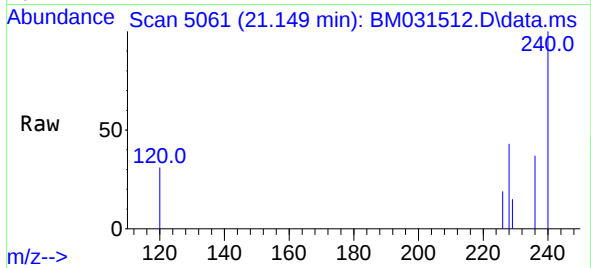
#21
Benzo(a)anthracene
Concen: 0.024 ng/u1
RT: 21.149 min Scan# 5061
Delta R.T. -0.000 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:228 Resp: 394
Ion Ratio Lower Upper
228 100
229 35.4 15.6 23.4#
226 43.9 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
BGEW2

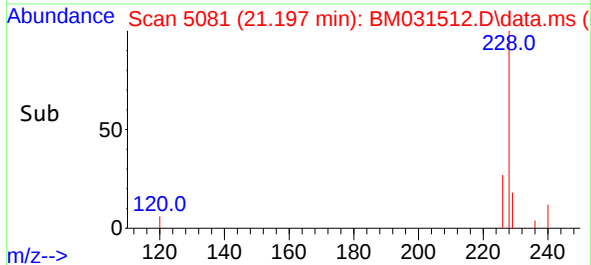
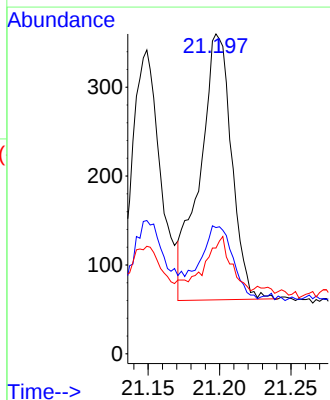
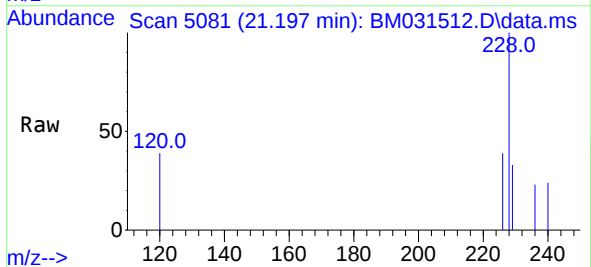
Manual Integrations
APPROVED

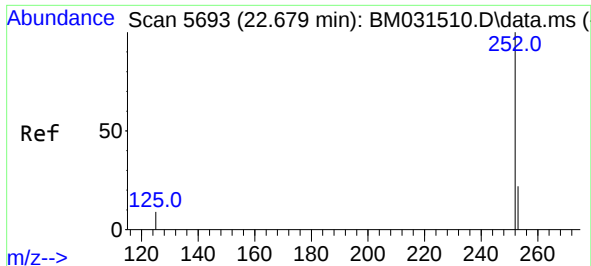
mohammad
8/6/2021 2:49:52 PM



#22
Chrysene
Concen: 0.028 ng/u1
RT: 21.197 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:228 Resp: 463
Ion Ratio Lower Upper
228 100
226 39.4 24.7 37.1#
229 33.1 16.2 24.2#





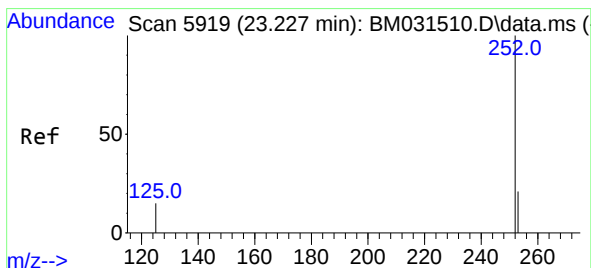
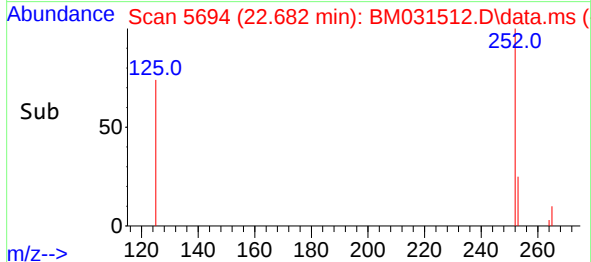
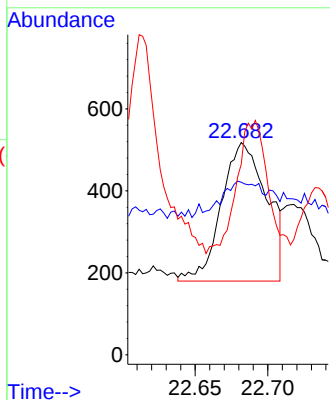
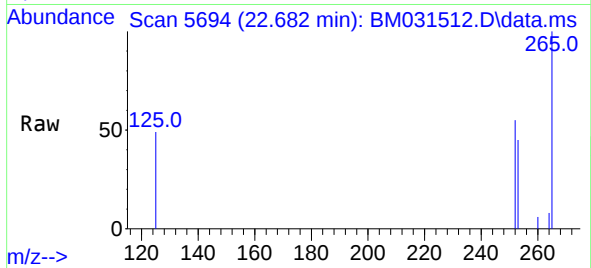
#24
Benzo(b)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. 0.002 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:	252	Resp:	731
Ion Ratio	Lower	Upper	
252	100		
253	81.3	0.0	53.0#
125	89.8	0.0	22.8#

Instrument :
BNA_M
ClientSampled :
BGEW2

Manual Integrations
APPROVED

mohammad
8/6/2021 2:49:52 PM



#26
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.005 min
Lab File: BM031512.D
Acq: 06 Aug 2021 12:49

Tgt Ion:	252	Resp:	465
Ion Ratio	Lower	Upper	
252	100		
253	88.0	22.4	33.6#
125	133.3	13.0	19.4#

