

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031109.D
 Acq On : 24 Jul 2021 03:57
 Operator : CG/JU
 Sample : M2970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED0DL

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:31 PM

Quant Time: Jul 24 04:33:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 24 04:20:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1897	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	7332	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4861	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	10291	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	9008	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	7804	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	1236	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	606	0.05	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	1448	0.05	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.051	178	3106	0.10	ng/ul	96
16) Anthracene	17.141	178	1421	0.05	ng/ul	95
19) Fluoranthene	19.069	202	12647	0.35	ng/ul	96
20) Pyrene	19.432	202	9466	0.26	ng/ul	96
21) Benzo(a)anthracene	21.178	228	7559	0.21	ng/ul	94
22) Chrysene	21.227	228	6456	0.17	ng/ul	98
24) Benzo(b)fluoranthene	22.720	252	7750m	0.21	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	3513m	0.09	ng/ul	
26) Benzo(a)pyrene	23.270	252	3909	0.12	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.516	276	2376	0.06	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.526	278	816	0.02	ng/ul#	42

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

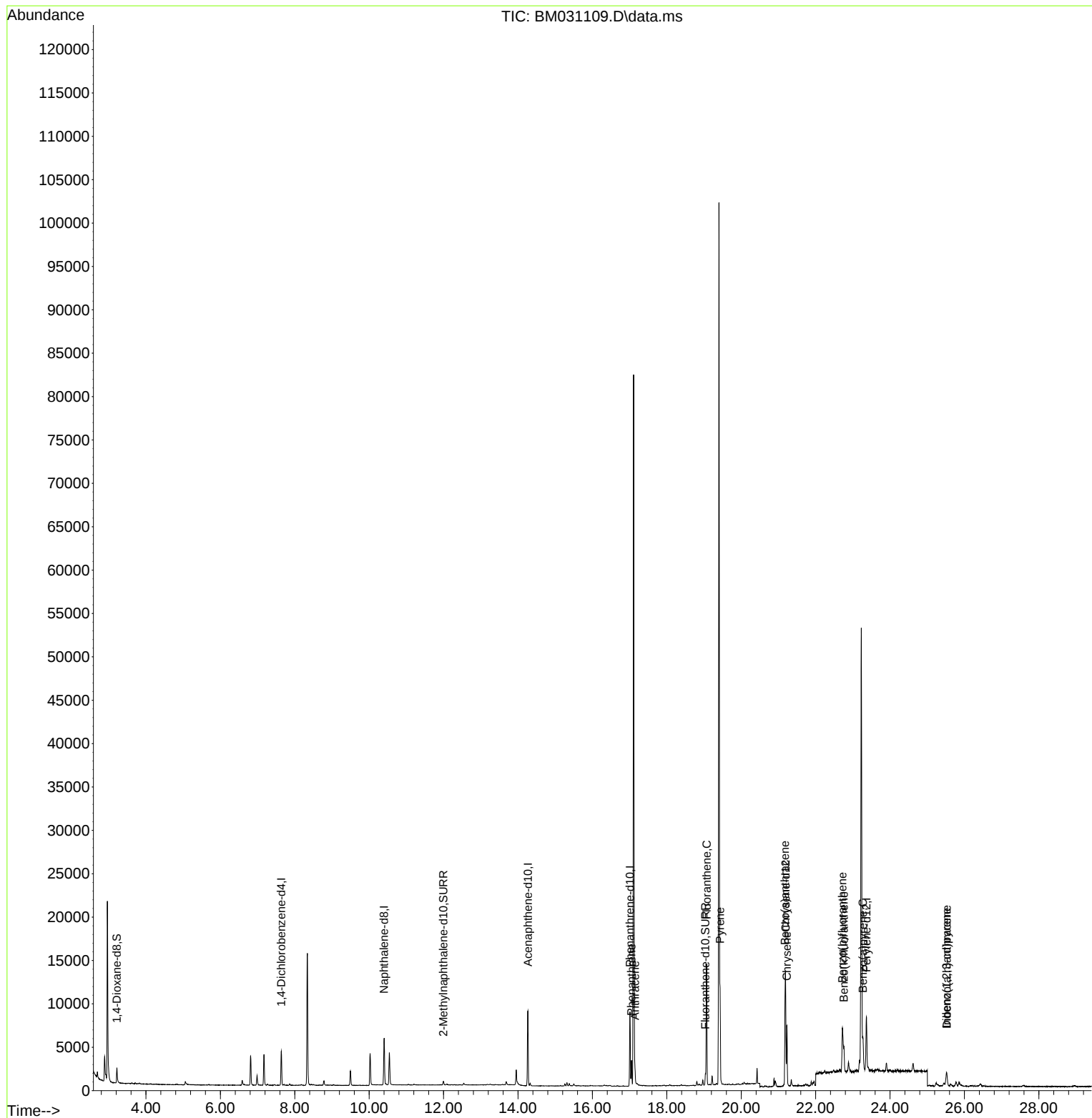
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031109.D
Acq On : 24 Jul 2021 03:57
Operator : CG/JU
Sample : M2970-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

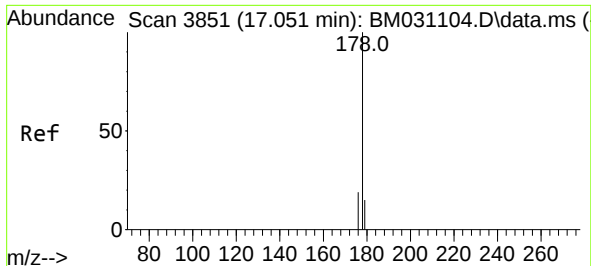
Instrument :
BNA_M
ClientSampleId :
BGED0DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:31 PM

Quant Time: Jul 24 04:33:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 24 04:20:53 2021
Response via : Initial Calibration





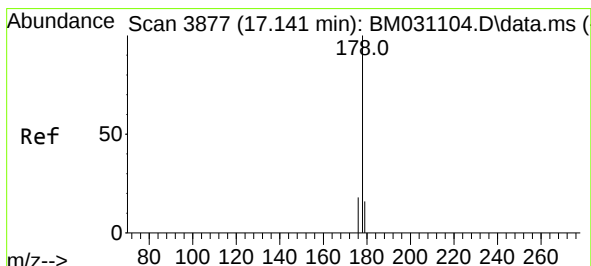
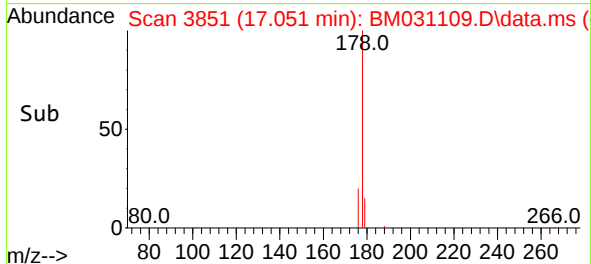
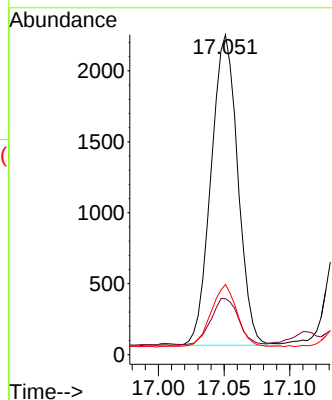
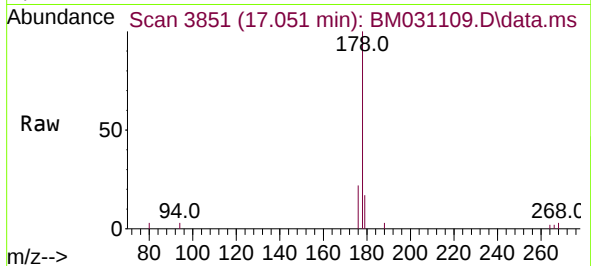
#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:	178	Resp:	3106
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.3	19.9
176	22.0	15.4	23.2

Instrument :
BNA_M
ClientSampled :
BGED0DL

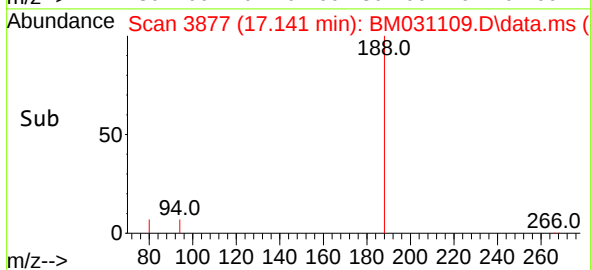
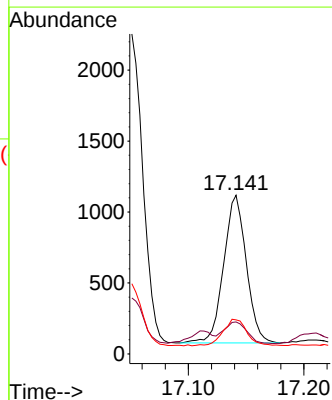
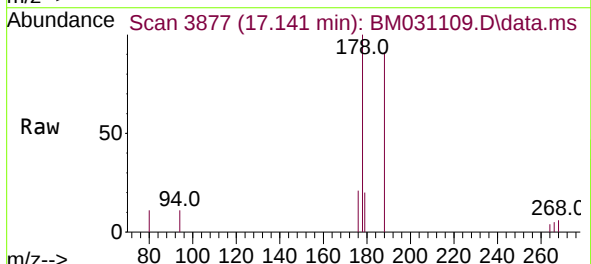
Manual Integrations
APPROVED

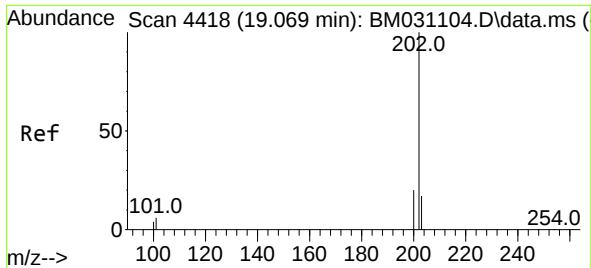
mohammad
7/26/2021 1:26:31 PM



#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

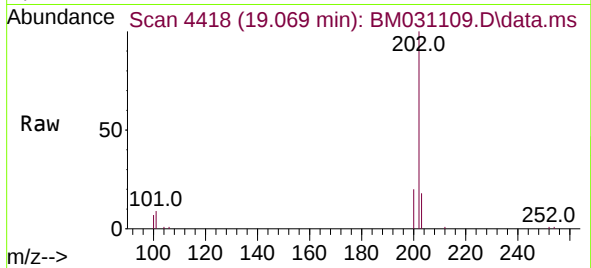
Tgt Ion:	178	Resp:	1421
Ion Ratio	Lower	Upper	
178	100		
179	20.1	13.8	20.8
176	21.5	15.7	23.5





#19
Fluoranthene
Concen: 0.35 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

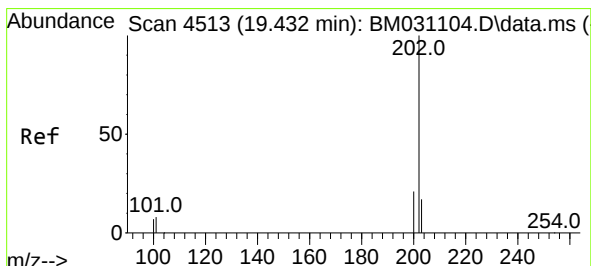
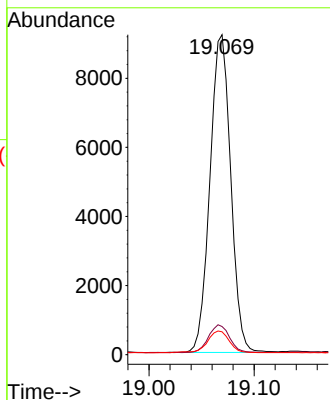
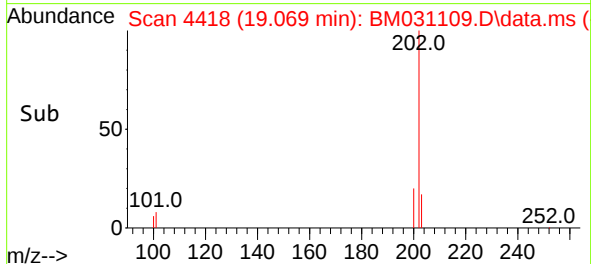
Instrument :
BNA_M
ClientSampleId :
BGED0DL



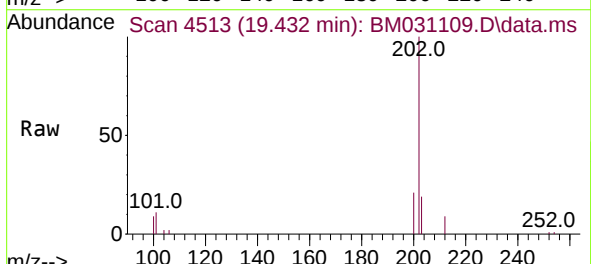
Tgt Ion:202 Resp: 12647
Ion Ratio Lower Upper
202 100
101 8.8 6.0 9.0
100 7.1 4.8 7.2

Manual Integrations
APPROVED

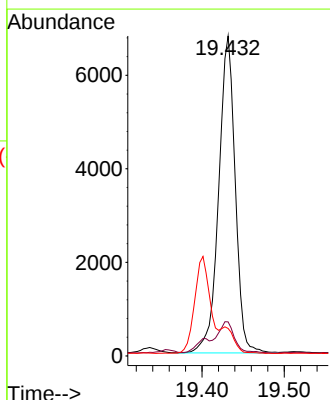
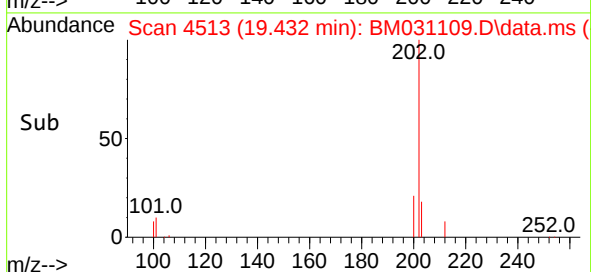
mohammad
7/26/2021 1:26:31 PM

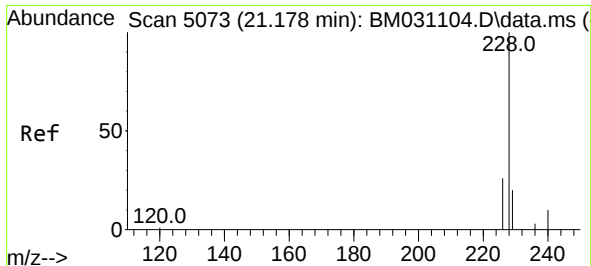


#20
Pyrene
Concen: 0.26 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57



Tgt Ion:202 Resp: 9466
Ion Ratio Lower Upper
202 100
101 10.6 7.4 11.0
100 8.6 6.0 9.0





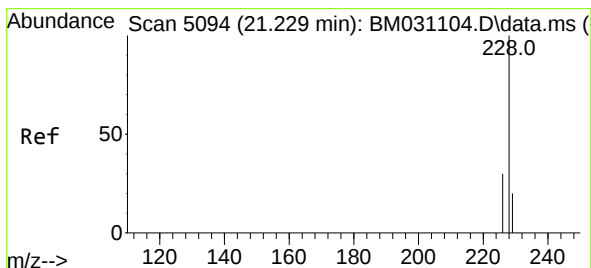
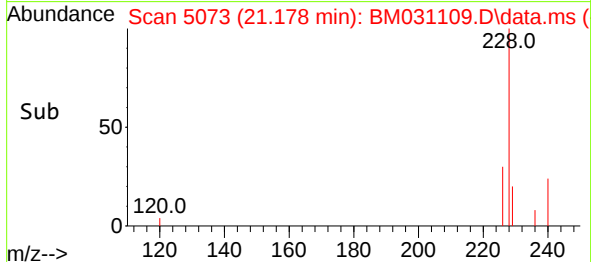
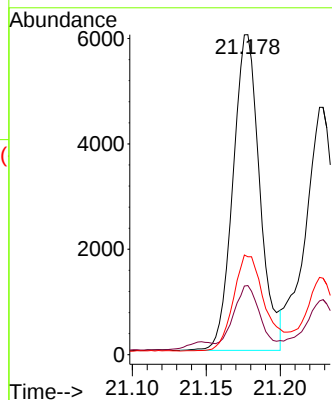
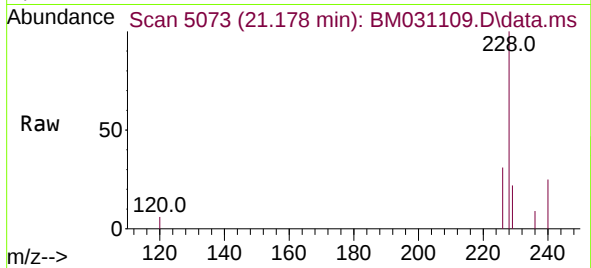
#21
Benzo(a)anthracene
Concen: 0.21 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:228 Resp: 7559
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 30.6 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGED0DL

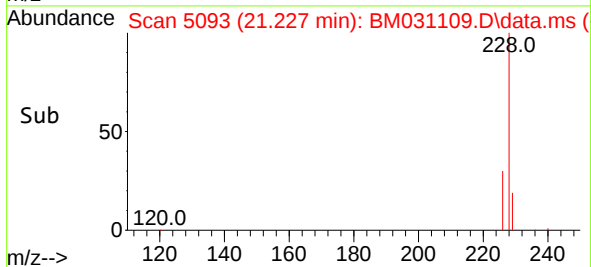
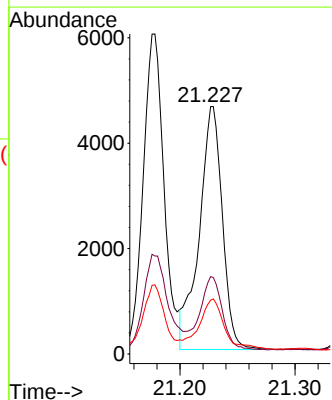
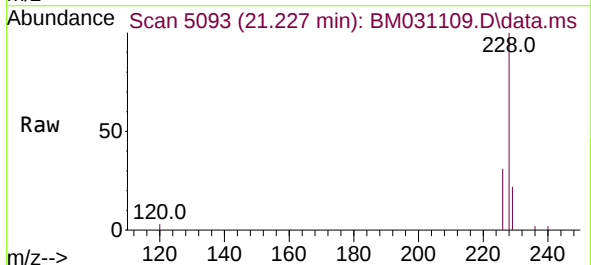
Manual Integrations
APPROVED

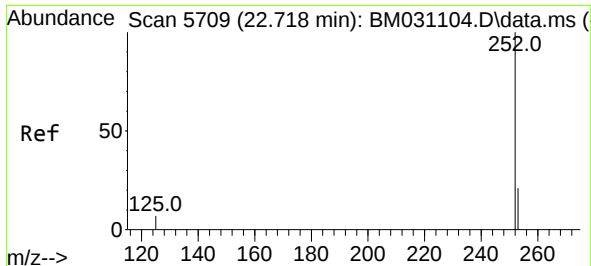
mohammad
7/26/2021 1:26:31 PM



#22
Chrysene
Concen: 0.17 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:228 Resp: 6456
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 21.7 15.8 23.8





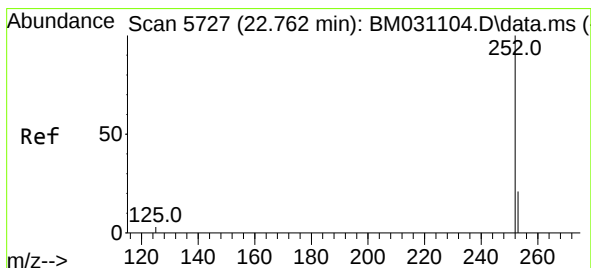
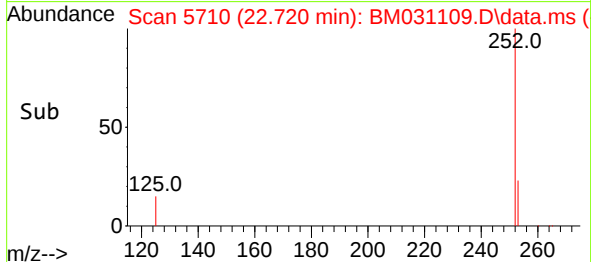
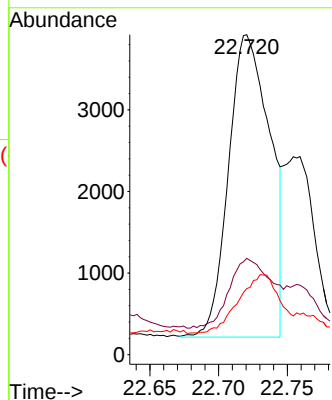
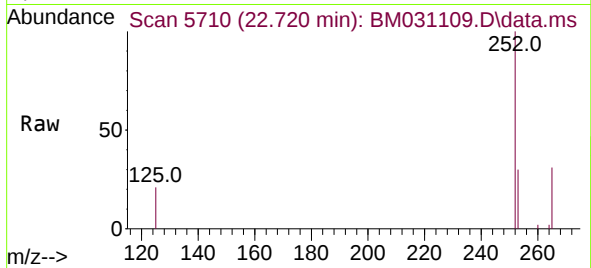
#24
Benzo(b)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:252 Resp: 7750
Ion Ratio Lower Upper
252 100
253 30.1 0.0 52.8
125 20.7 0.0 20.2#

Instrument :
BNA_M
ClientSampled :
BGED0DL

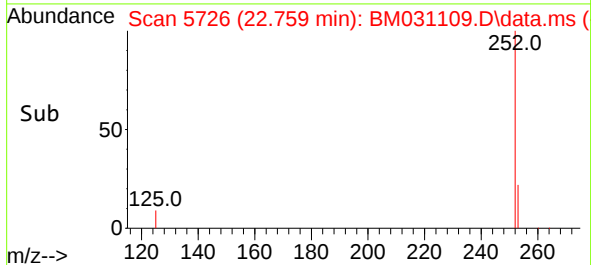
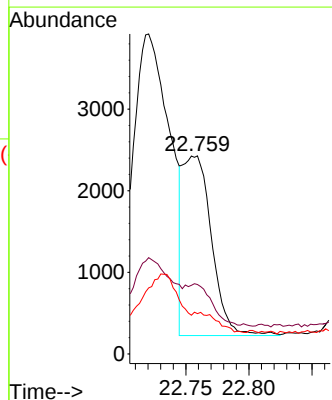
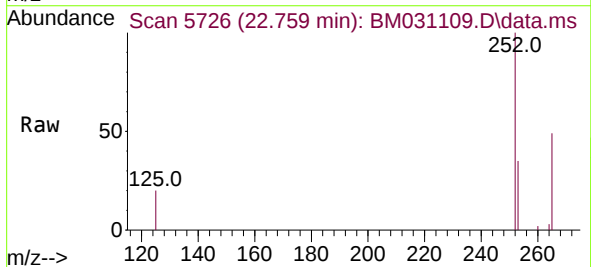
Manual Integrations
APPROVED

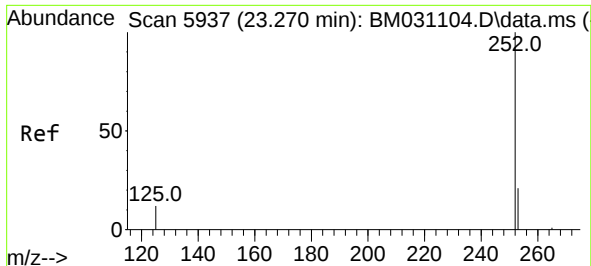
mohammad
7/26/2021 1:26:31 PM



#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:252 Resp: 3513
Ion Ratio Lower Upper
252 100
253 35.1 21.6 32.4#
125 20.4 8.6 13.0#





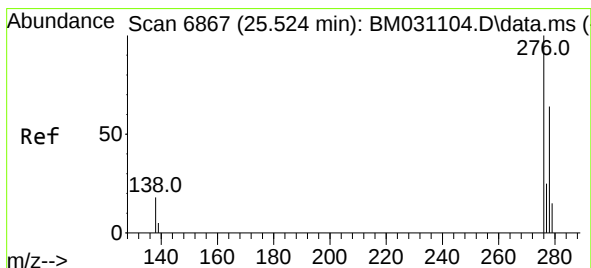
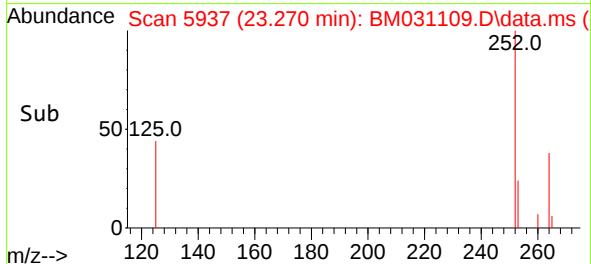
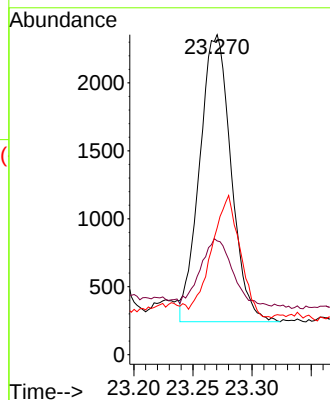
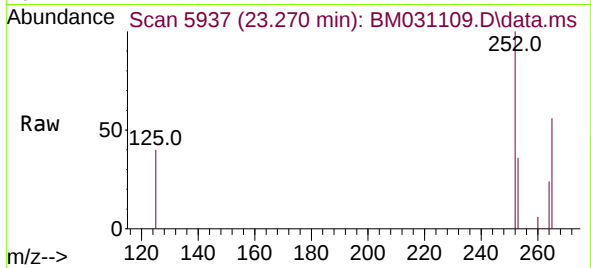
#26
Benzo(a)pyrene
Concen: 0.12 ng/u1
RT: 23.270 min Scan# 5937
Delta R.T. -0.010 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

Tgt Ion:	252	Resp:	3909
Ion Ratio	Lower	Upper	
252	100		
253	35.5	23.1	34.7#
125	39.7	10.7	16.1#

Instrument :
BNA_M
ClientSampled :
BGED0DL

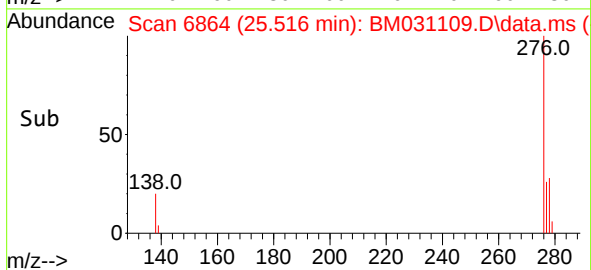
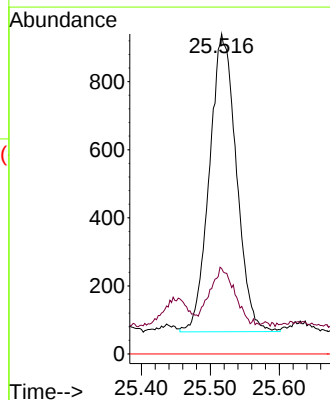
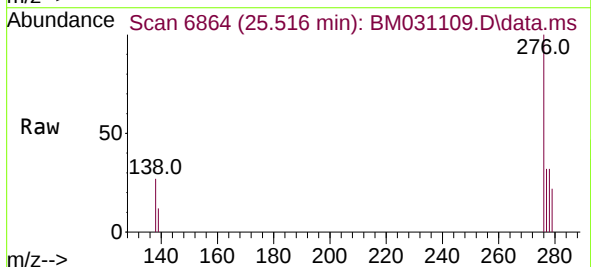
Manual Integrations
APPROVED

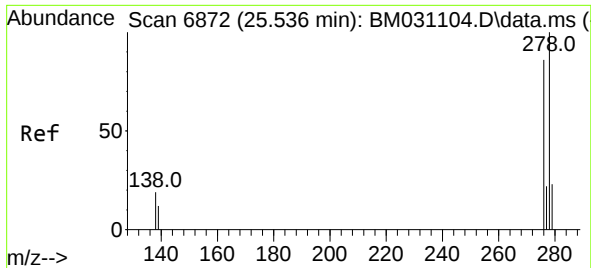
mohammad
7/26/2021 1:26:31 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/u1
RT: 25.516 min Scan# 6864
Delta R.T. -0.017 min
Lab File: BM031109.D
Acq: 24 Jul 2021 03:57

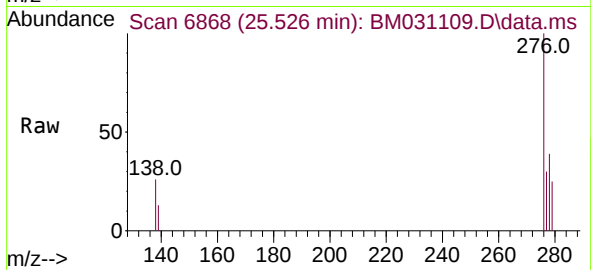
Tgt Ion:	276	Resp:	2376
Ion Ratio	Lower	Upper	
276	100		
138	18.9	15.4	23.0
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 25.526 min Scan# 6868
 Delta R.T. -0.019 min
 Lab File: BM031109.D
 Acq: 24 Jul 2021 03:57

Instrument :
 BNA_M
 ClientSampleId :
 BGED0DL



Tgt Ion: 278 Resp: 816
 Ion Ratio Lower Upper
 278 100
 139 33.0 12.6 18.8#
 279 63.7 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:31 PM

