

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031151.D
 Acq On : 25 Jul 2021 10:59
 Operator : CG/JU
 Sample : M3009-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEE2

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:27:52 PM

Quant Time: Jul 26 04:12:45 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 : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1386	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5483	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3725	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7849	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	6883	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	6447	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	3374	2.32	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1486	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3998	0.19	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.047	178	1661	0.07	ng/ul	94
16) Anthracene	17.134	178	1130	0.05	ng/ul#	89
19) Fluoranthene	19.062	202	7447	0.27	ng/ul#	94
20) Pyrene	19.424	202	7189	0.25	ng/ul#	93
21) Benzo(a)anthracene	21.173	228	4681	0.17	ng/ul	95
22) Chrysene	21.224	228	4253	0.14	ng/ul	96
24) Benzo(b)fluoranthene	22.716	252	5110m	0.17	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	2118m	0.07	ng/ul	
26) Benzo(a)pyrene	23.268	252	4053	0.15	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.511	276	1973	0.06	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.524	278	552	0.02	ng/ul#	16
29) Benzo(g,h,i)perylene	26.171	276	1417	0.05	ng/ul#	76

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

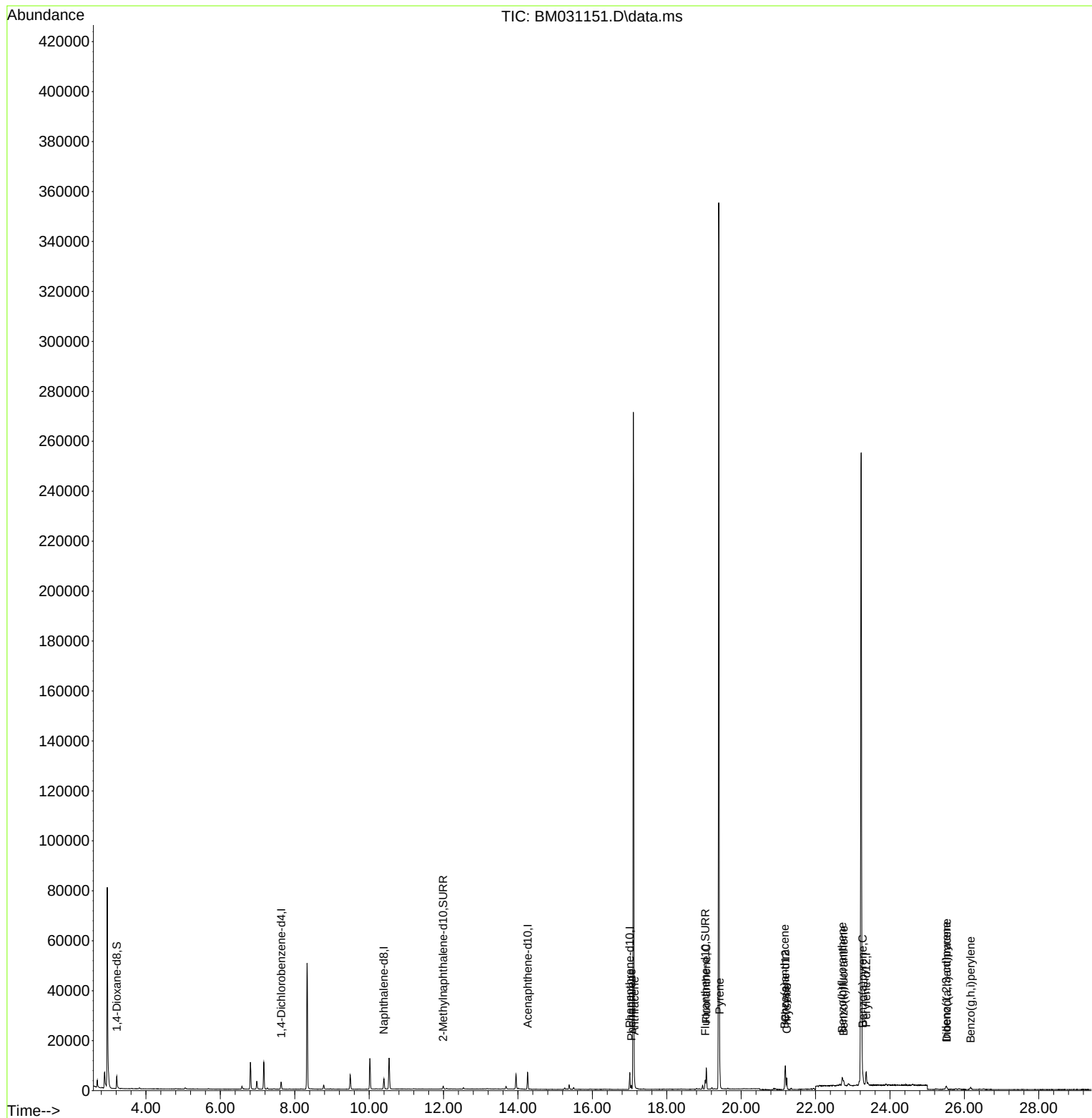
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031151.D
Acq On : 25 Jul 2021 10:59
Operator : CG/JU
Sample : M3009-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

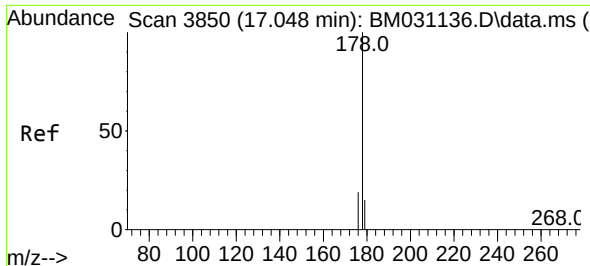
Instrument :
BNA_M
ClientSampleId :
BGEE2

Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:52 PM

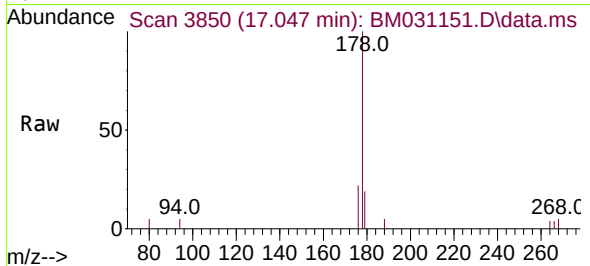
Quant Time: Jul 26 04:12:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

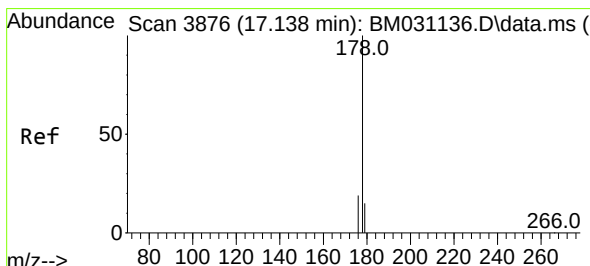
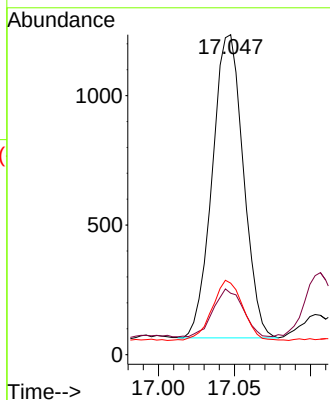
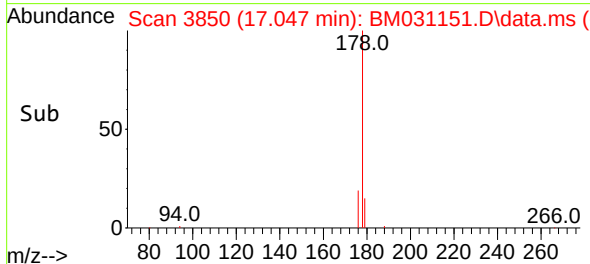
Instrument :
BNA_M
ClientSampleId :
BGEE2



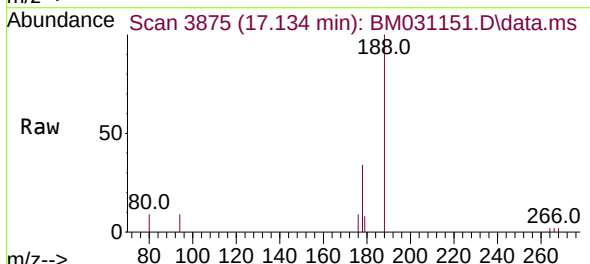
Tgt Ion:178 Resp: 1661
Ion Ratio Lower Upper
178 100
179 19.2 13.3 19.9
176 22.3 15.4 23.2

Manual Integrations
APPROVED

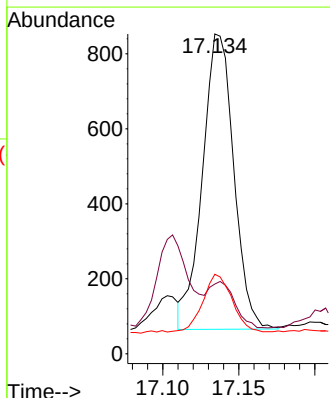
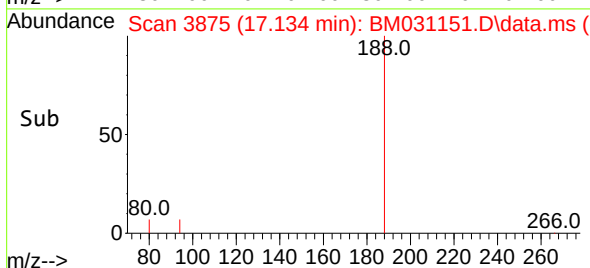
mohammad
7/26/2021 1:27:52 PM

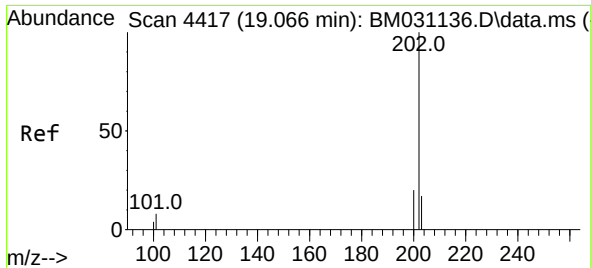


#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.134 min Scan# 3875
Delta R.T. -0.010 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59



Tgt Ion:178 Resp: 1130
Ion Ratio Lower Upper
178 100
179 21.8 13.8 20.8#
176 24.9 15.7 23.5#





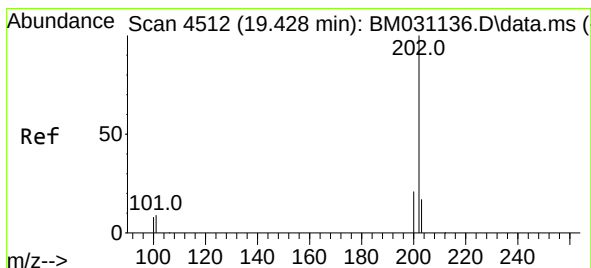
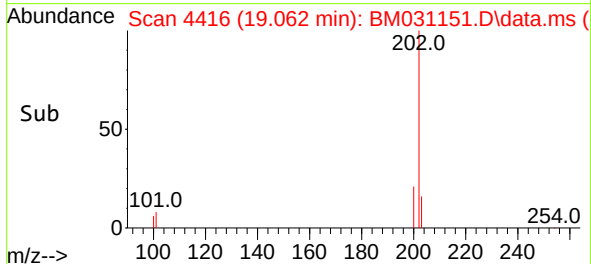
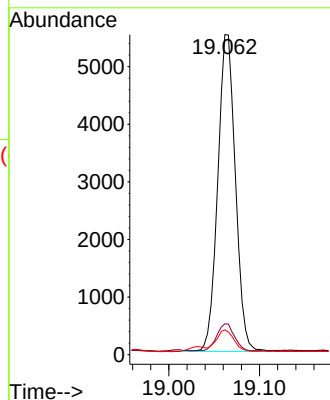
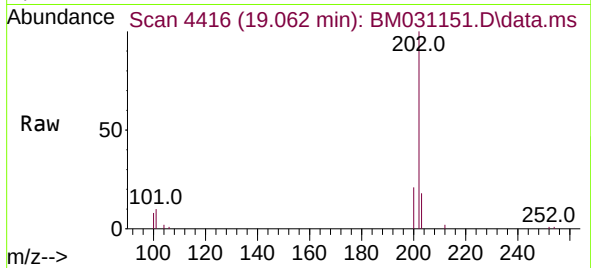
#19
Fluoranthene
Concen: 0.27 ng/ul
RT: 19.062 min Scan# 4416
Delta R.T. -0.008 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion:202 Resp: 7447
Ion Ratio Lower Upper
202 100
101 9.6 6.0 9.0#
100 7.8 4.8 7.2#

Instrument :
BNA_M
ClientSampleId :
BGEE2

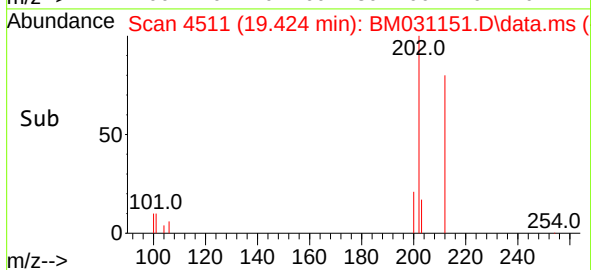
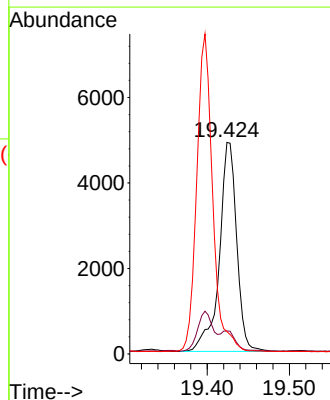
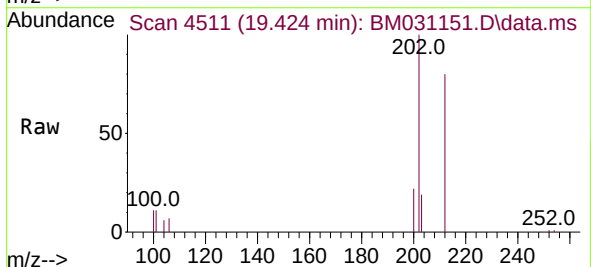
Manual Integrations
APPROVED

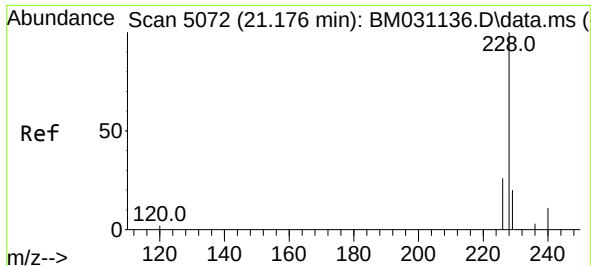
mohammad
7/26/2021 1:27:52 PM



#20
Pyrene
Concen: 0.25 ng/ul
RT: 19.424 min Scan# 4511
Delta R.T. -0.011 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion:202 Resp: 7189
Ion Ratio Lower Upper
202 100
101 10.9 7.4 11.0
100 10.6 6.0 9.0#





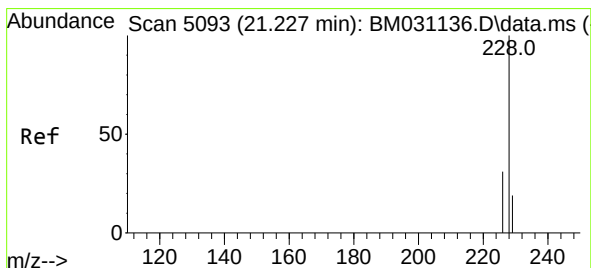
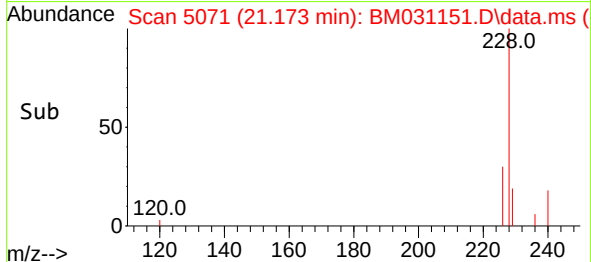
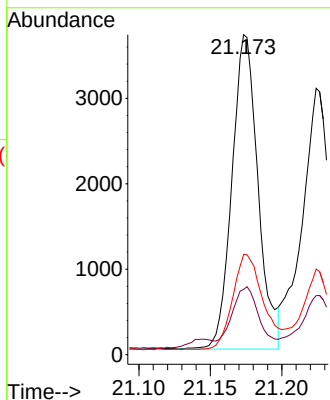
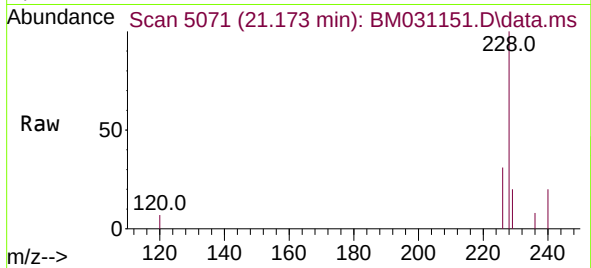
#21
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion:228 Resp: 4681
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 31.3 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEE2

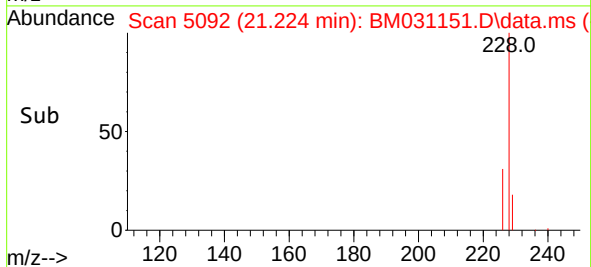
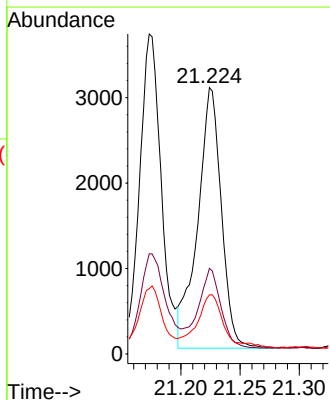
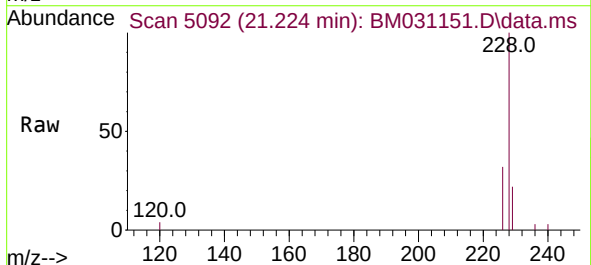
Manual Integrations
APPROVED

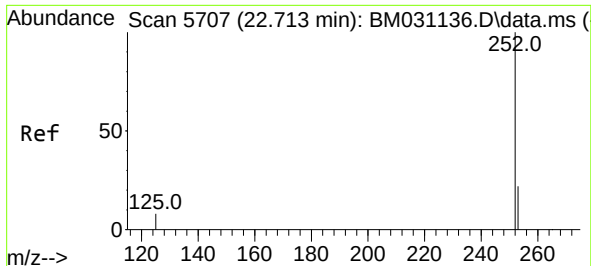
mohammad
7/26/2021 1:27:52 PM



#22
Chrysene
Concen: 0.14 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion:228 Resp: 4253
Ion Ratio Lower Upper
228 100
226 32.1 24.5 36.7
229 22.2 15.8 23.8





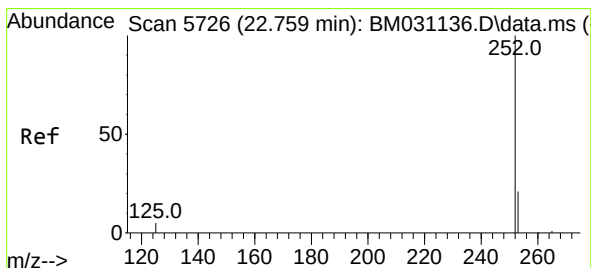
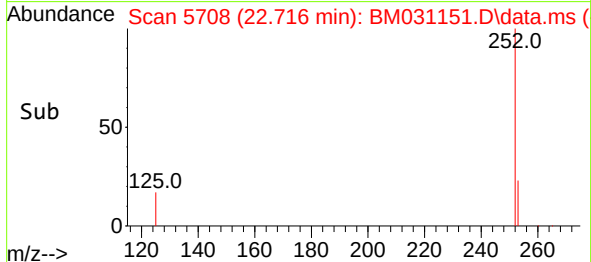
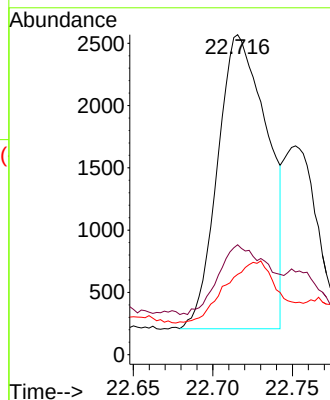
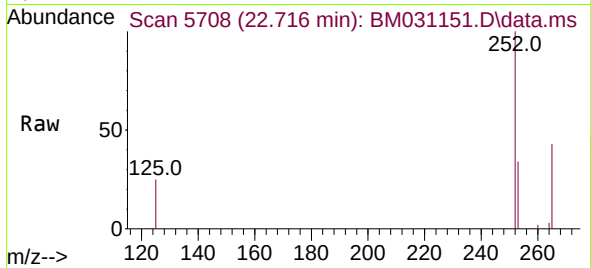
#24
Benzo(b)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	52.8
125	25.1	0.0	20.2#

Instrument :
BNA_M
ClientSampled :
BGEE2

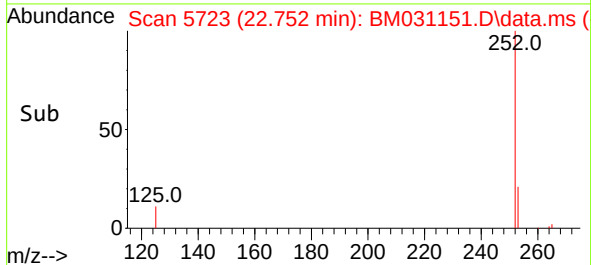
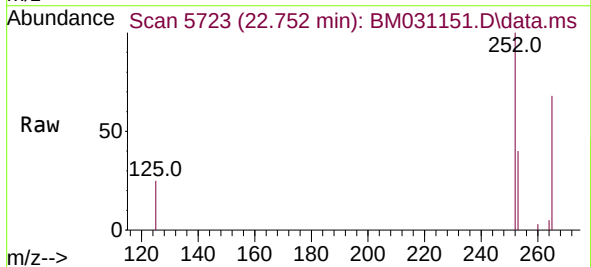
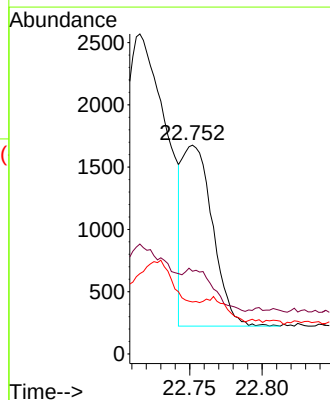
Manual Integrations
APPROVED

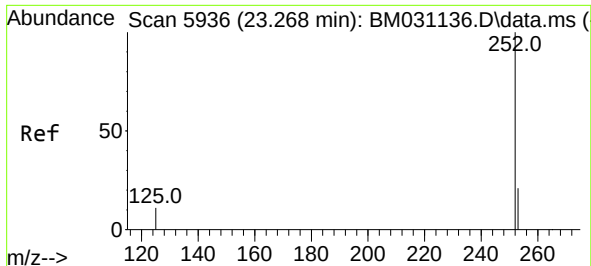
mohammad
7/26/2021 1:27:52 PM



#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.752 min Scan# 5723
Delta R.T. -0.015 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.6	21.6	32.4#
125	24.9	8.6	13.0#





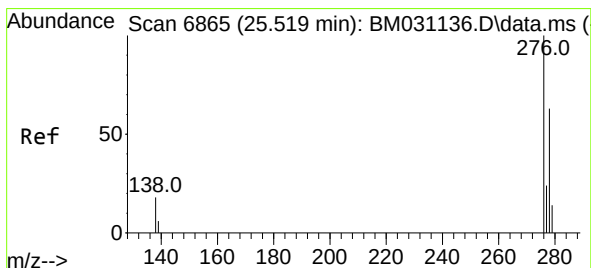
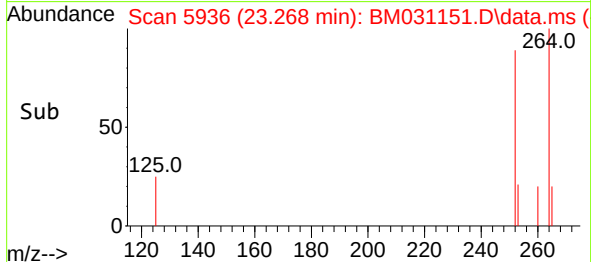
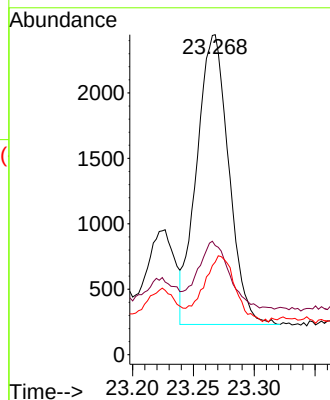
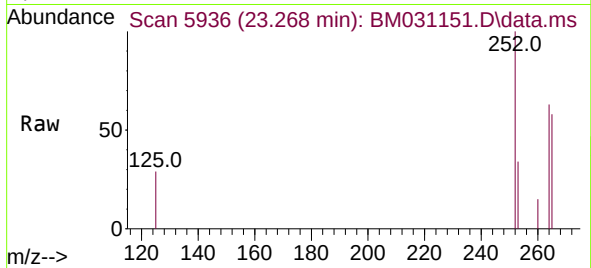
#26
Benzo(a)pyrene
Concen: 0.15 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.1	23.1	34.7
125	29.0	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
BGEE2

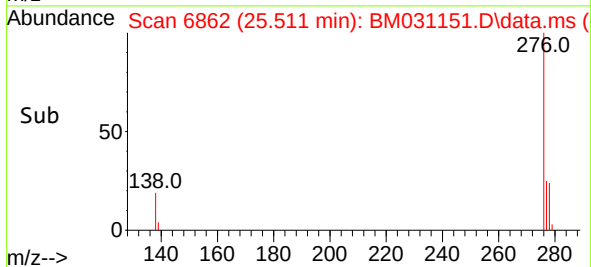
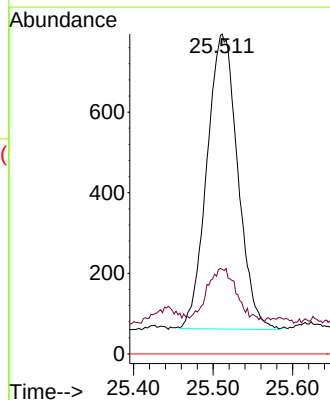
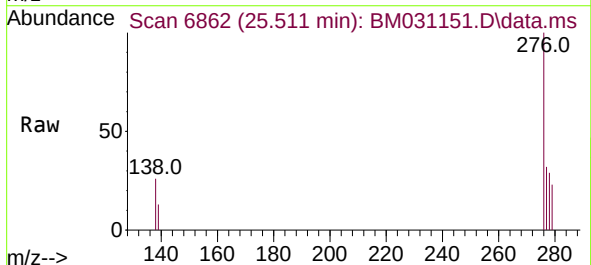
Manual Integrations
APPROVED

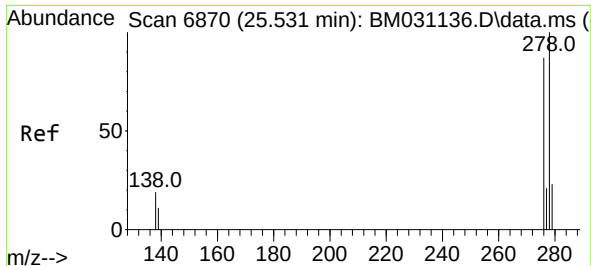
mohammad
7/26/2021 1:27:52 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 25.511 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.4	23.0
227	0.0	0.0	0.0





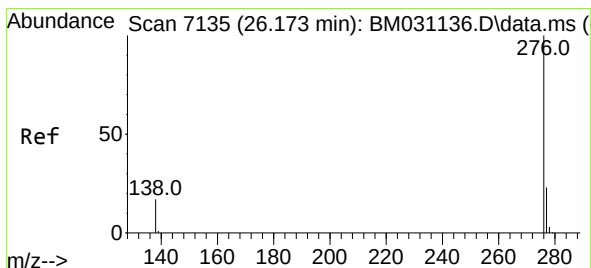
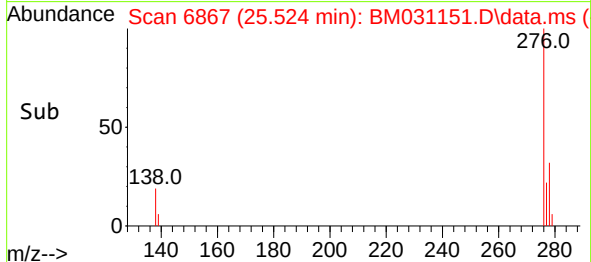
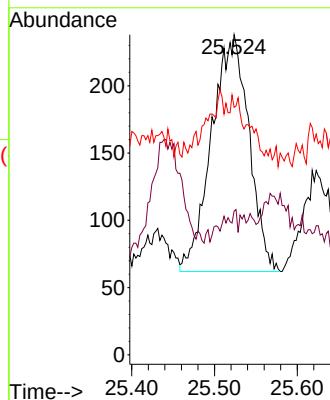
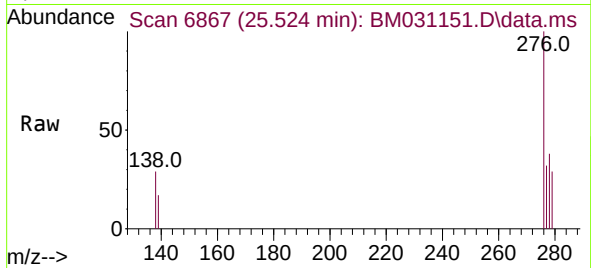
#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.022 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion: 278 Resp: 552
Ion Ratio Lower Upper
278 100
139 45.0 12.6 18.8#
279 77.3 22.6 34.0#

Instrument :
BNA_M
ClientSampled :
BGEE2

Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:52 PM



#29
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.171 min Scan# 7134
Delta R.T. -0.022 min
Lab File: BM031151.D
Acq: 25 Jul 2021 10:59

Tgt Ion: 276 Resp: 1417
Ion Ratio Lower Upper
276 100
138 32.4 14.0 21.0#
277 33.6 19.9 29.9#

