

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042112.D
 Acq On : 28 Sep 2023 13:36
 Operator : MA/JU
 Sample : 04417-37
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 16:02:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2810	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	7586	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.583	164	3948	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.337	188	8961	0.400	ng/ul	-0.02
17) Chrysene-d12	21.512	240	6729	0.400	ng/ul	-0.01
23) Perylene-d12	23.912	264	7935	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	11117	2.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2780	0.293	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	5837	0.211	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	661	0.026	ng/ul#	69
15) Phenanthrene	17.379	178	1846	0.044	ng/ul#	88
19) Fluoranthene	19.389	202	5632	0.074	ng/ul	98
20) Pyrene	19.757	202	6361m	0.085	ng/ul	
21) Benzo(a)anthracene	21.495	228	1858	0.036	ng/ul#	83
22) Chrysene	21.547	228	4103m	0.078	ng/ul	
24) Benzo(b)fluoranthene	23.172	252	5775	0.095	ng/ul#	47
25) Benzo(k)fluoranthene	23.219	252	2417m	0.041	ng/ul	
26) Benzo(a)pyrene	23.804	252	2527	0.050	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.391	276	4081	0.059	ng/ul#	88
29) Benzo(g,h,i)perylene	27.169	276	5856	0.101	ng/ul#	88

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

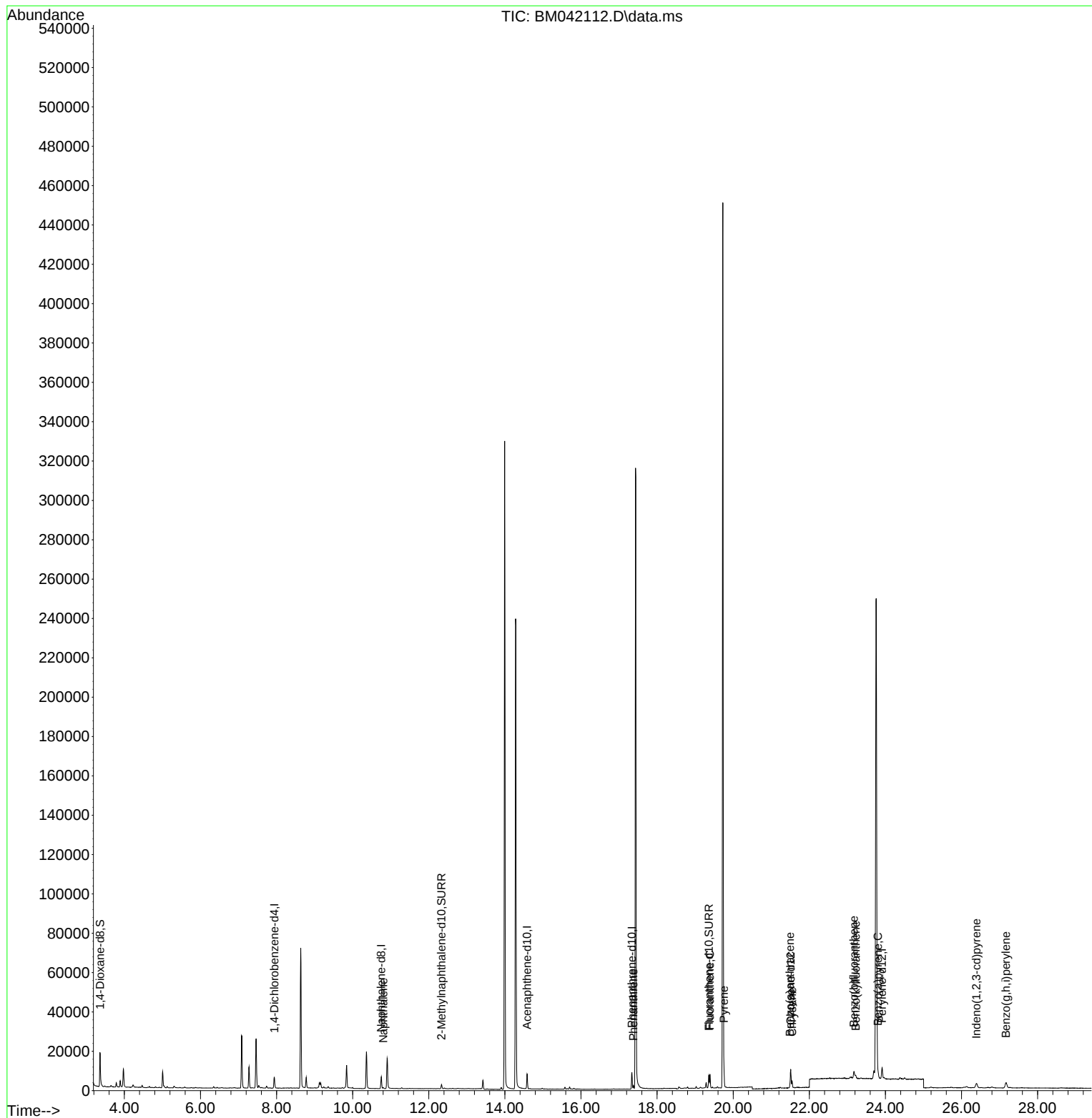
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042112.D
Acq On : 28 Sep 2023 13:36
Operator : MA/JU
Sample : 04417-37
Misc :
ALS Vial : 10 Sample Multiplier: 1

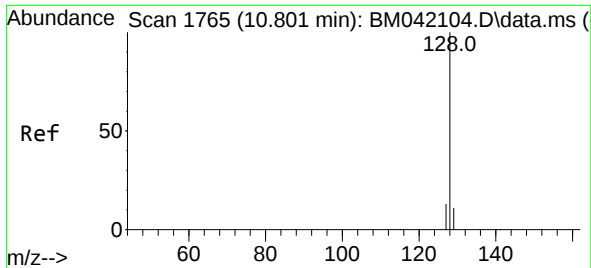
Instrument :
BNA_M
ClientSampleId :
EZY4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

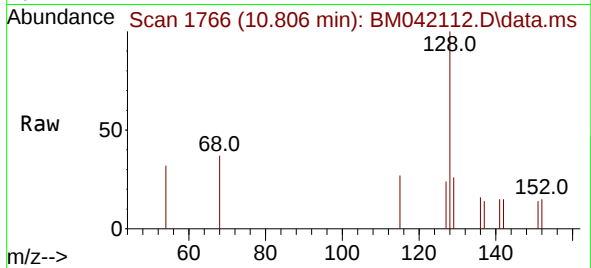
Quant Time: Sep 28 16:02:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.806 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

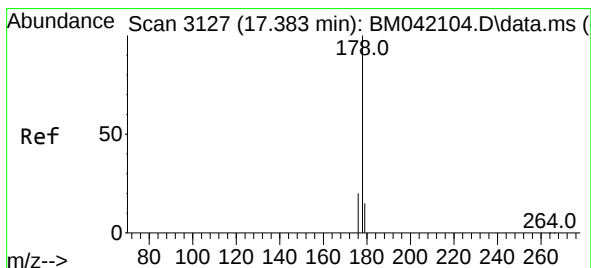
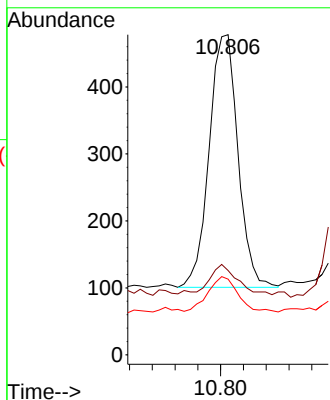
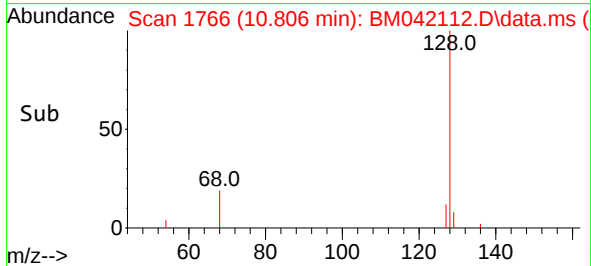
Instrument :
BNA_M
ClientSampleId :
EZY4



Tgt Ion:128 Resp: 66
Ion Ratio Lower Upper
128 100
129 26.4 9.2 13.8
127 23.6 10.8 16.2

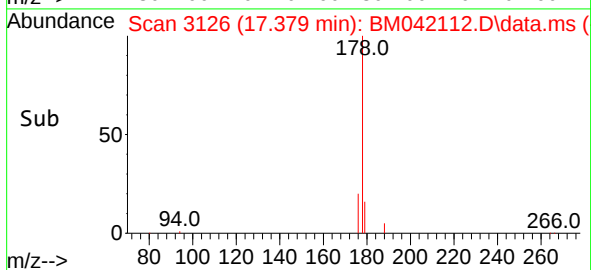
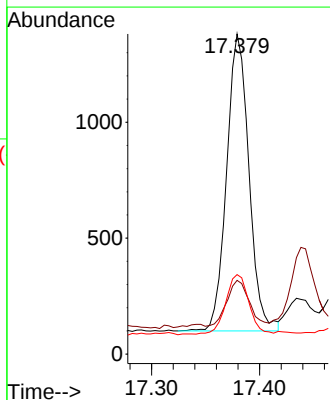
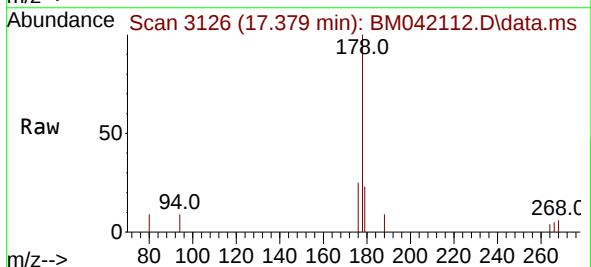
Manual Integrations
APPROVED

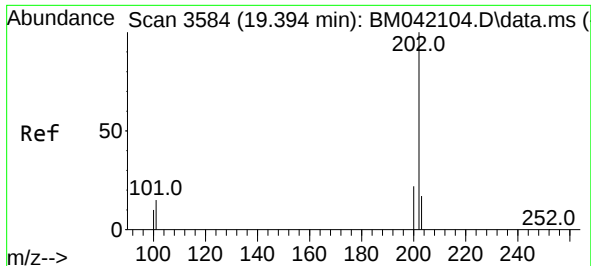
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#15
Phenanthrene
Concen: 0.044 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.017 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

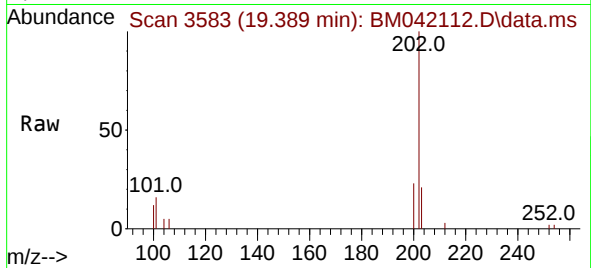
Tgt Ion:178 Resp: 1846
Ion Ratio Lower Upper
178 100
179 23.0 12.7 19.1#
176 24.8 16.6 24.8





#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

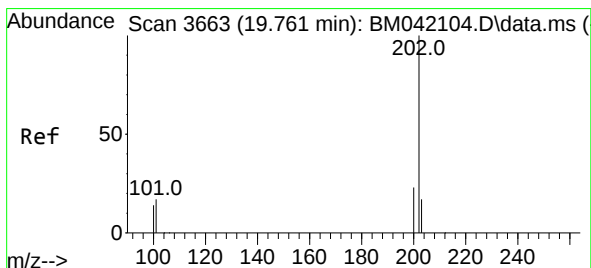
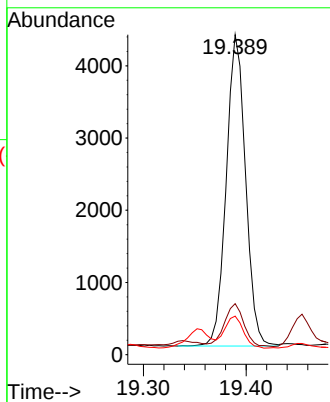
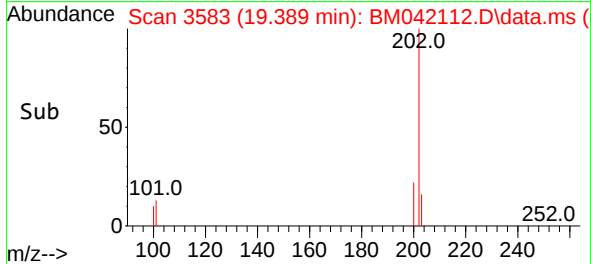
Instrument :
BNA_M
ClientSampleId :
EZY4



Tgt Ion:202 Resp: 563
Ion Ratio Lower Upper
202 100
101 15.9 11.8 17.6
100 12.1 9.1 13.7

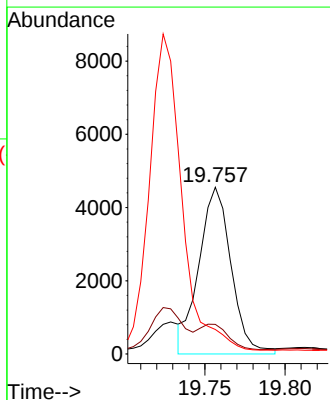
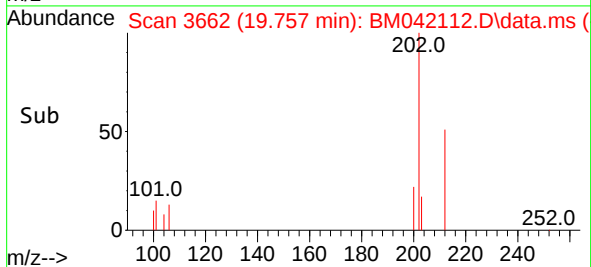
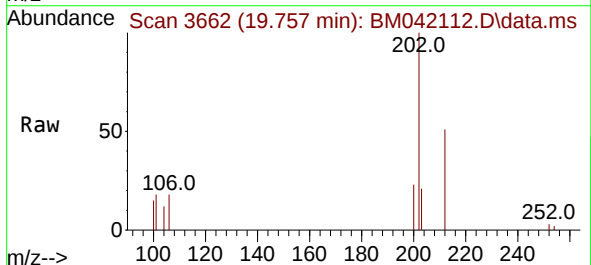
Manual Integrations
APPROVED

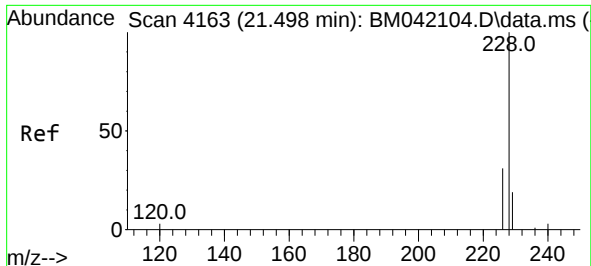
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 0.085 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

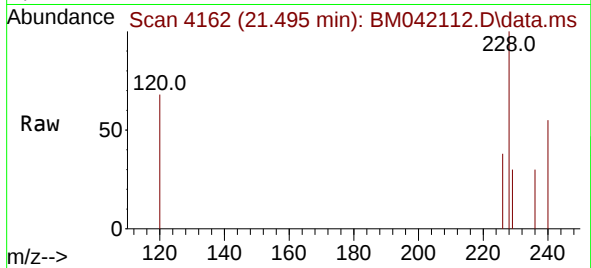
Tgt Ion:202 Resp: 6361
Ion Ratio Lower Upper
202 100
101 17.8 14.1 21.1
100 14.7 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

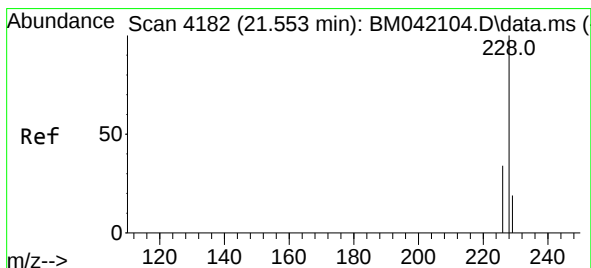
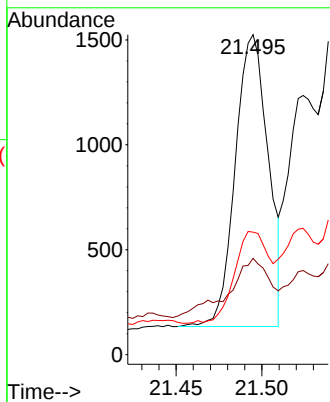
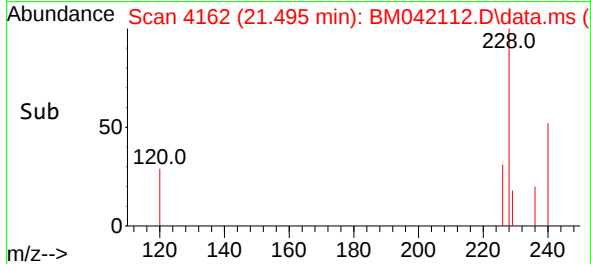
Instrument :
BNA_M
ClientSampleId :
EZY4



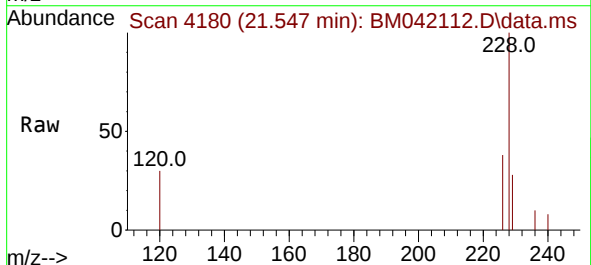
Tgt Ion:228 Resp: 185
Ion Ratio Lower Upper
228 100
229 30.1 15.5 23.3
226 38.3 24.8 37.2

Manual Integrations
APPROVED

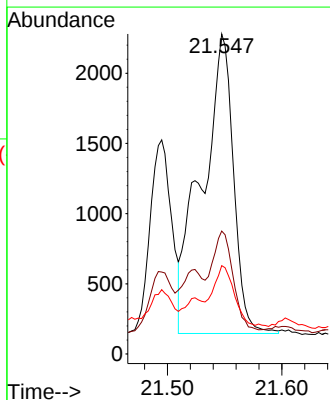
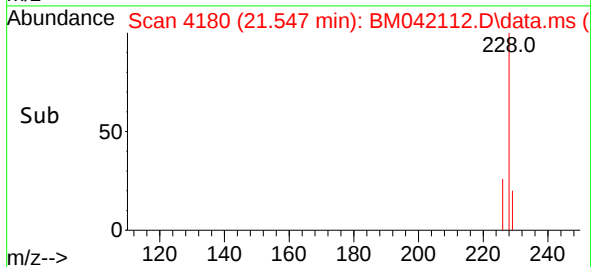
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

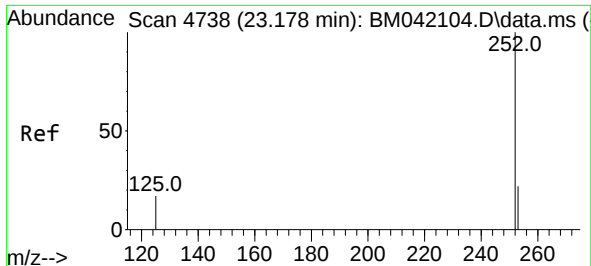


#22
Chrysene
Concen: 0.078 ng/ul m
RT: 21.547 min Scan# 4180
Delta R.T. -0.015 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36



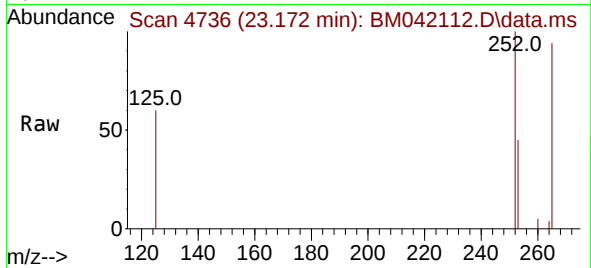
Tgt Ion:228 Resp: 4103
Ion Ratio Lower Upper
228 100
226 38.4 27.8 41.6
229 27.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.095 ng/ul
RT: 23.172 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

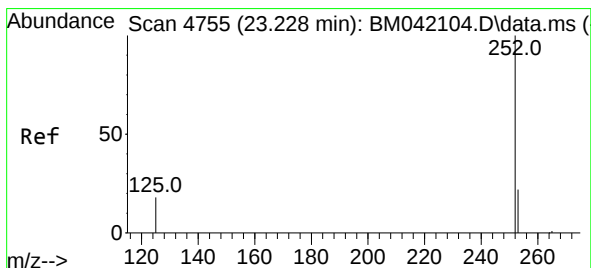
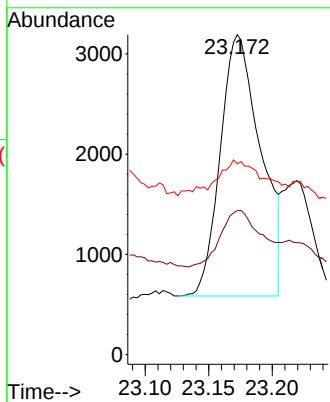
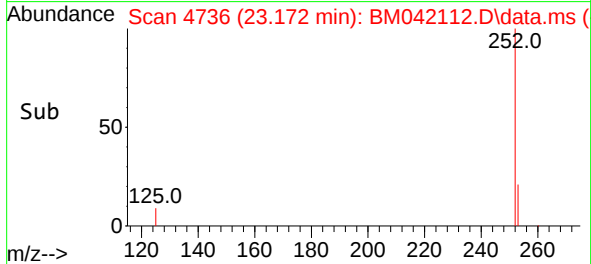
Instrument :
BNA_M
ClientSampleId :
EZY4



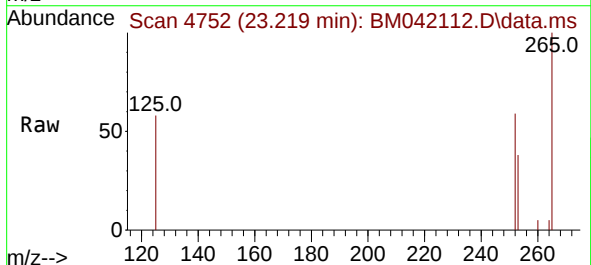
Tgt Ion:252 Resp: 5779
Ion Ratio Lower Upper
252 100
253 45.0 0.0 54.4
125 59.6 0.0 46.2

Manual Integrations
APPROVED

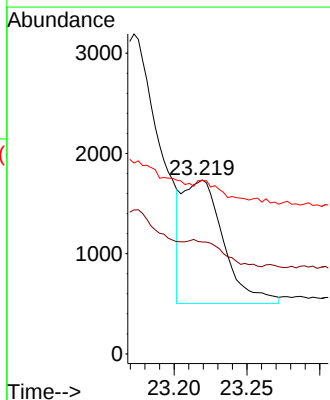
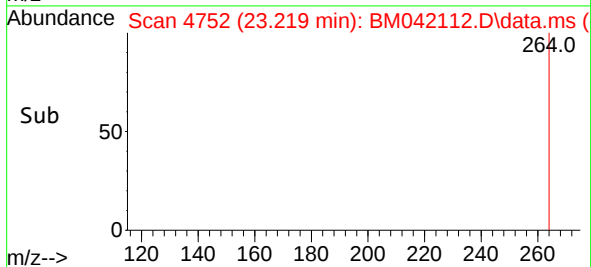
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

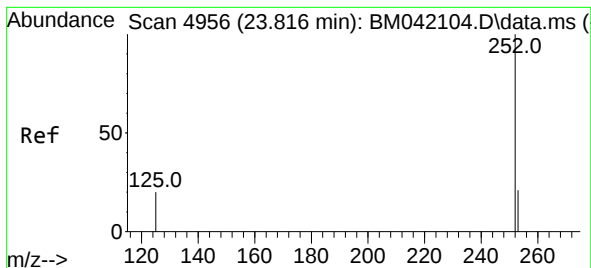


#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.219 min Scan# 4752
Delta R.T. -0.021 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36



Tgt Ion:252 Resp: 2417
Ion Ratio Lower Upper
252 100
253 64.3 21.0 31.6#
125 99.5 19.0 28.6#





#26

Benzo(a)pyrene

Concen: 0.050 ng/ul

RT: 23.804 min Scan# 4956

Delta R.T. -0.023 min

Lab File: BM042112.D

Acq: 28 Sep 2023 13:36

Instrument :

BNA_M

ClientSampleId :

EZY4

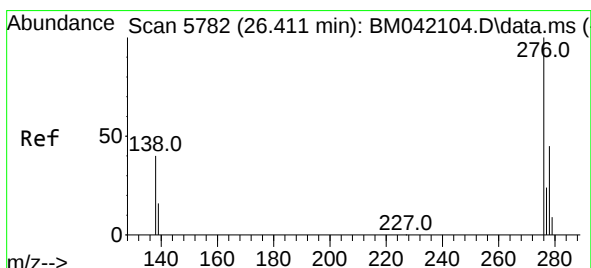
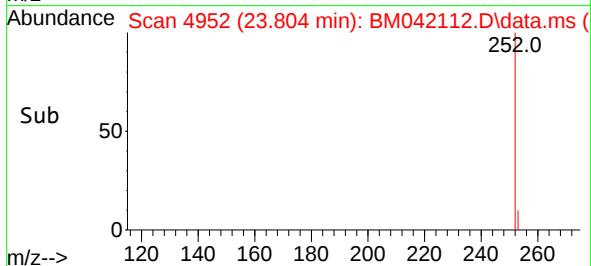
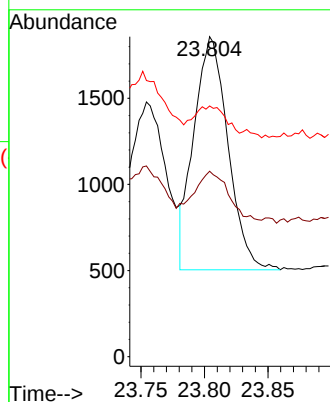
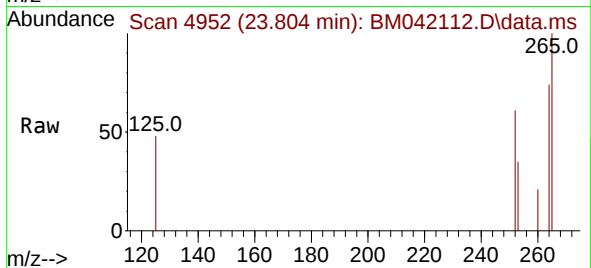
Tgt Ion:	252	Resp:	252
Ion Ratio	Lower	Upper	
252	100		
253	58.0	23.2	34.8
125	78.4	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.059 ng/ul

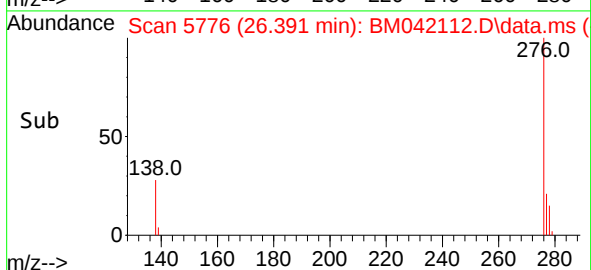
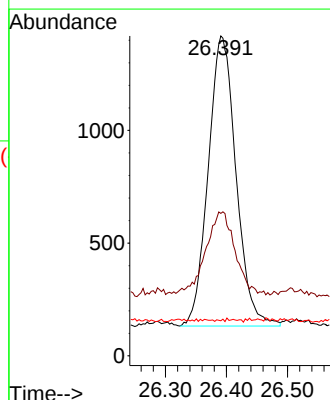
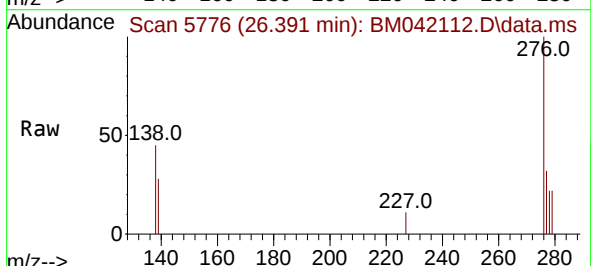
RT: 26.391 min Scan# 5776

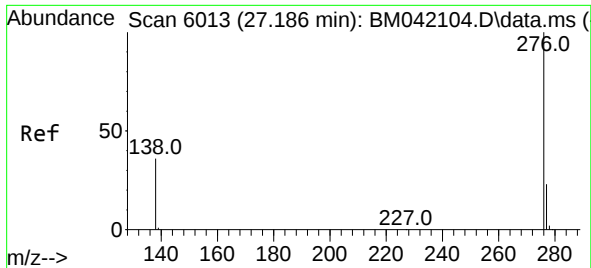
Delta R.T. -0.040 min

Lab File: BM042112.D

Acq: 28 Sep 2023 13:36

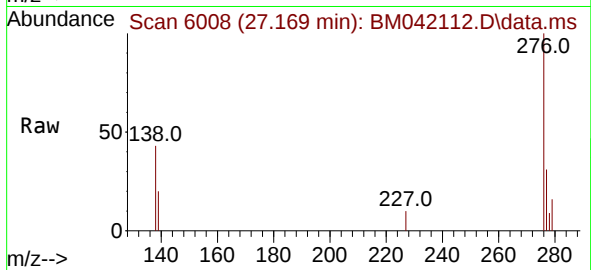
Tgt Ion:	276	Resp:	4081
Ion Ratio	Lower	Upper	
276	100		
138	32.6	32.1	48.1
227	0.0	0.2	0.2





#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 27.169 min Scan# 6013
Delta R.T. -0.040 min
Lab File: BM042112.D
Acq: 28 Sep 2023 13:36

Instrument :
BNA_M
ClientSampleId :
EZY4



Tgt Ion: 276 Resp: 5850
Ion Ratio Lower Upper
276 100
138 43.1 29.0 43.4
277 31.0 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

