

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041807.D
 Acq On : 12 Sep 2023 09:05
 Operator : MA/JU
 Sample : 04175-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 12 13:13:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	13064	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.620	164	6298	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	12024	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	7251	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	9580	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	16832	2.042	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	2432	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	4306	0.122	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	9689	0.226	ng/ul	98
7) 2-Methylnaphthalene	12.451	142	8964	0.368	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	6041	0.247	ng/ul	100
15) Phenanthrene	17.413	178	11993	0.236	ng/ul	99
16) Anthracene	17.506	178	1581	0.036	ng/ul#	82
19) Fluoranthene	19.422	202	12011	0.140	ng/ul	98
20) Pyrene	19.789	202	11148m	0.131	ng/ul	
21) Benzo(a)anthracene	21.524	228	5703	0.096	ng/ul#	89
22) Chrysene	21.580	228	6410	0.100	ng/ul#	87
24) Benzo(b)fluoranthene	23.217	252	9144	0.107	ng/ul#	28
25) Benzo(k)fluoranthene	23.263	252	3495m	0.042	ng/ul	
26) Benzo(a)pyrene	23.854	252	5984	0.086	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.458	276	5223	0.055	ng/ul#	98
29) Benzo(g,h,i)perylene	27.243	276	5418	0.064	ng/ul#	70

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

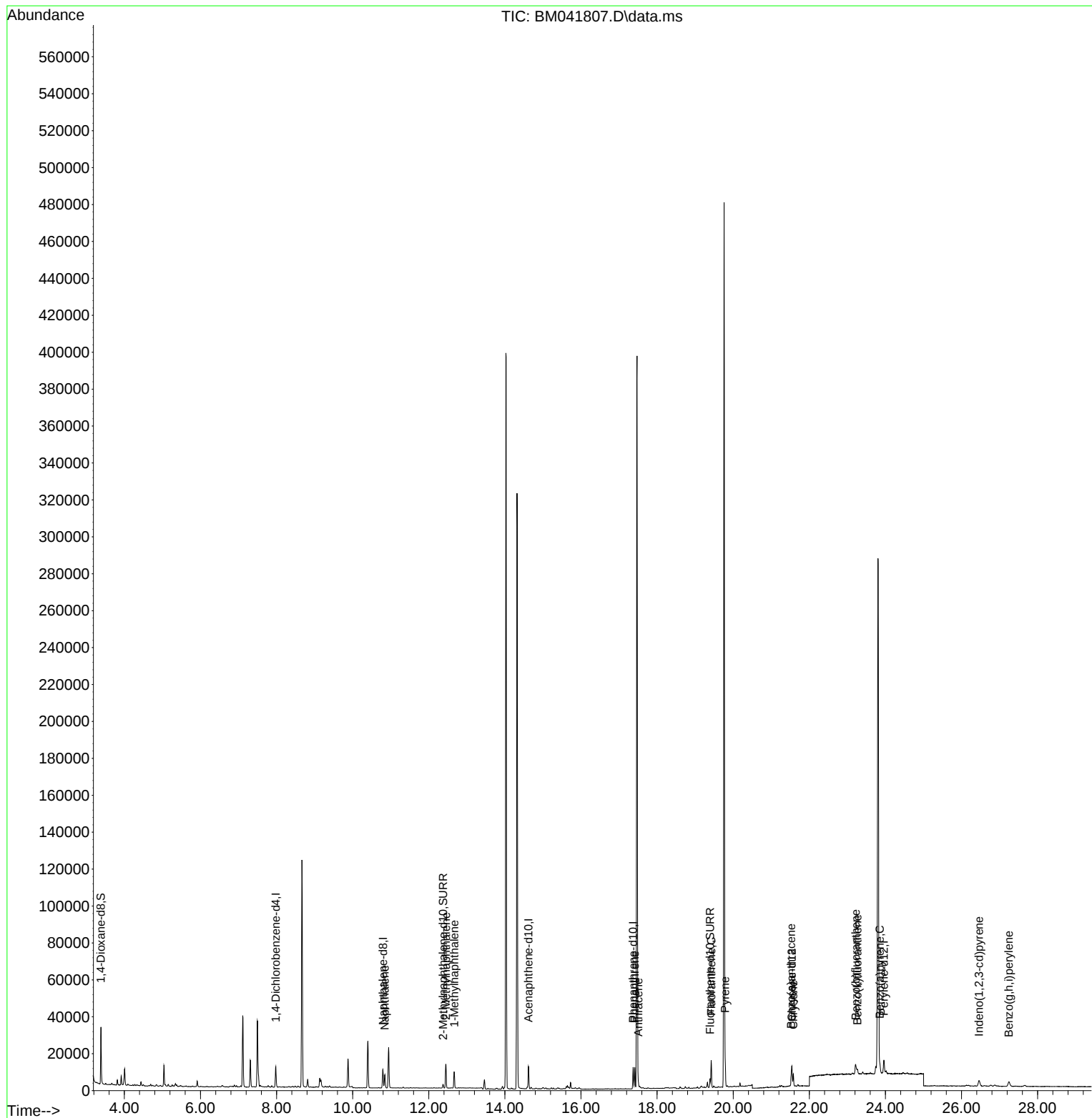
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041807.D
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Operator : MA/JU
Sample : 04175-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

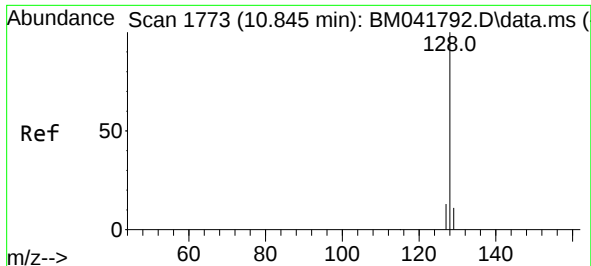
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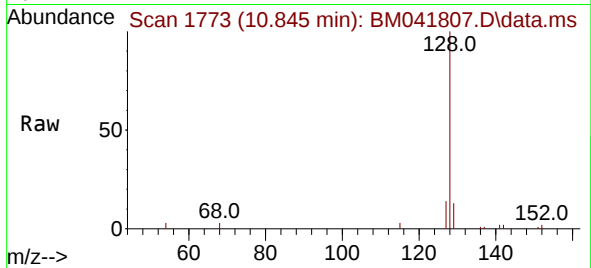
Quant Time: Sep 12 13:13:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
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#5
Naphthalene
Concen: 0.226 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05

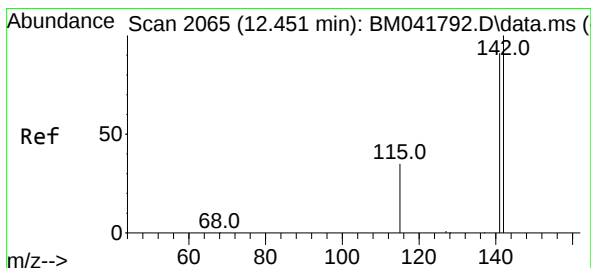
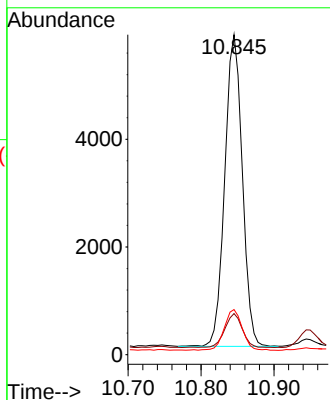
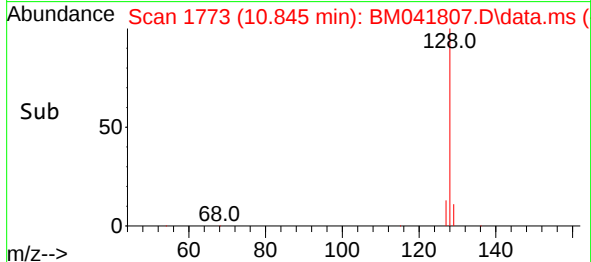
Instrument :
BNA_M
ClientSampleId :
EZYD1



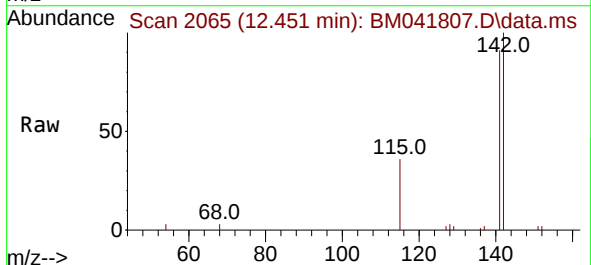
Tgt Ion:128 Resp: 9689
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 14.1 11.0 16.6

Manual Integrations
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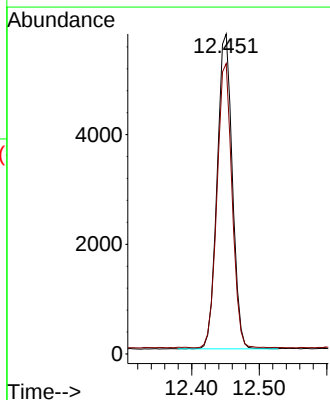
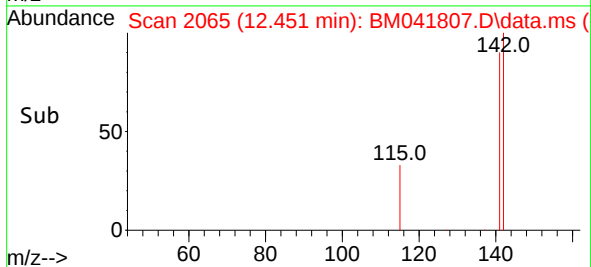
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

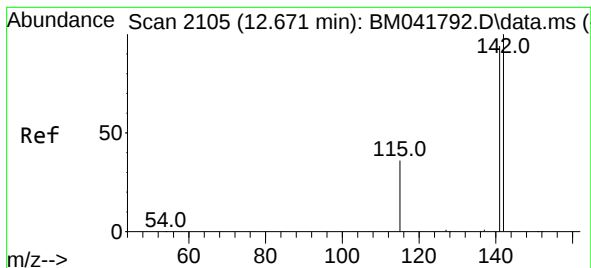


#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05



Tgt Ion:142 Resp: 8964
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.247 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM041807.D

Acq: 12 Sep 2023 09:05

Instrument :

BNA_M

ClientSampleId :

EZYD1

Tgt Ion:142 Resp: 604

Ion Ratio Lower Upper

142 100

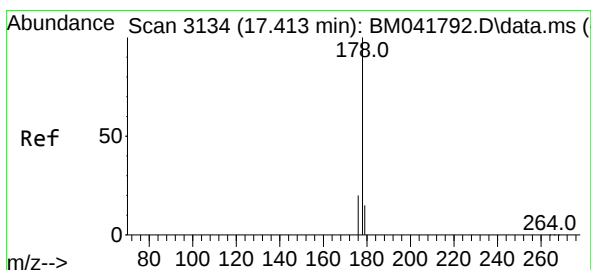
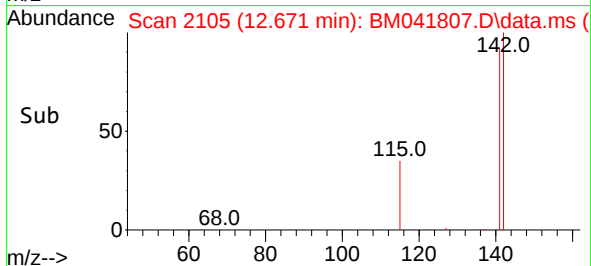
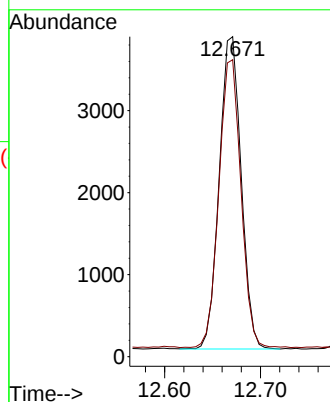
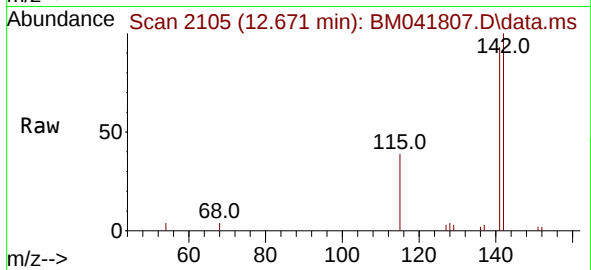
141 92.6 74.4 111.6

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#15

Phenanthrene

Concen: 0.236 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BM041807.D

Acq: 12 Sep 2023 09:05

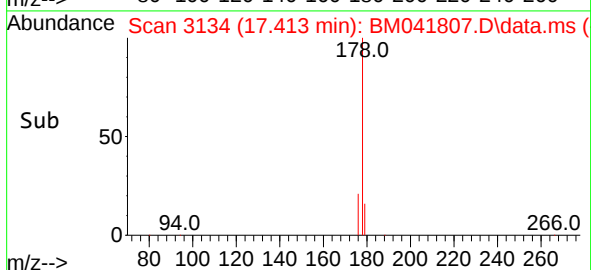
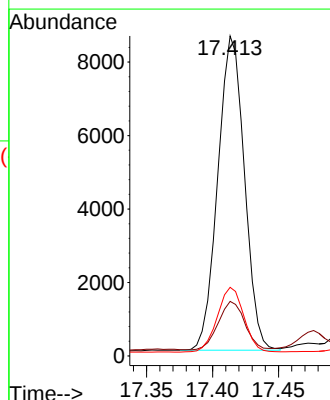
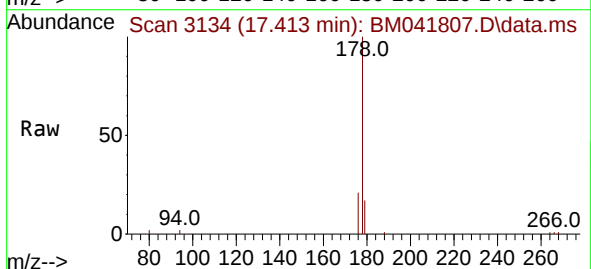
Tgt Ion:178 Resp: 11993

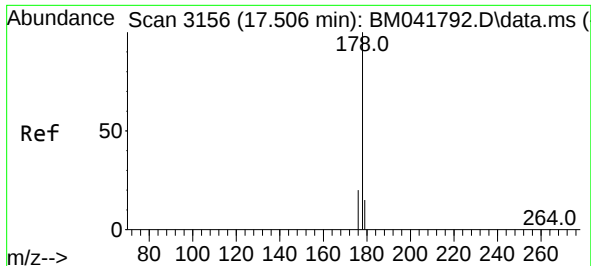
Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

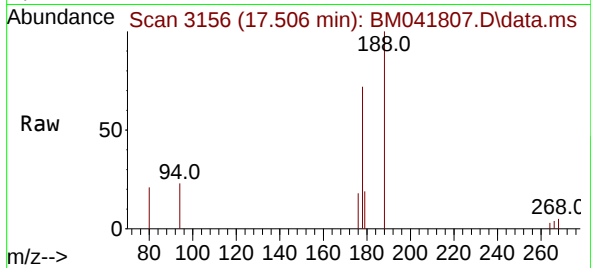
176 21.4 16.9 25.3





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.506 min Scan# 3156
 Delta R.T. 0.000 min
 Lab File: BM041807.D
 Acq: 12 Sep 2023 09:05

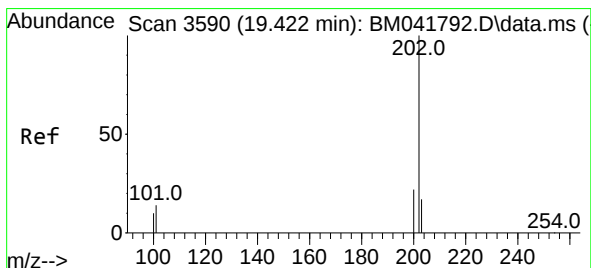
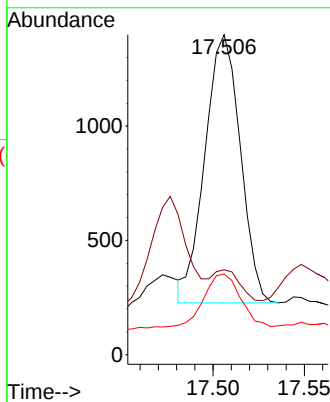
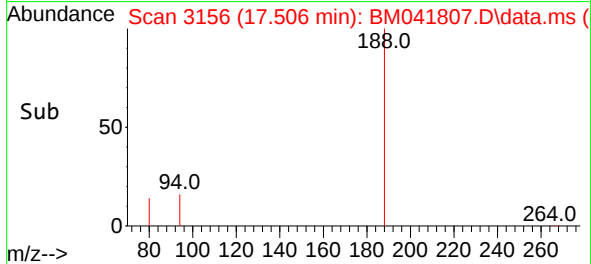
Instrument :
 BNA_M
 ClientSampleId :
 EZYD1



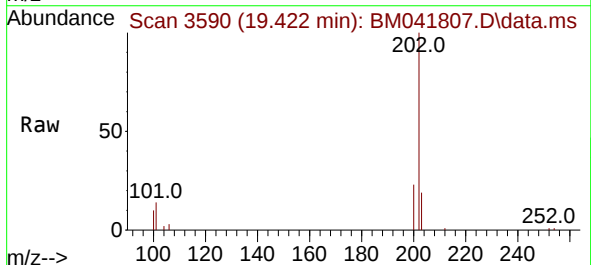
Tgt Ion:178 Resp: 158
 Ion Ratio Lower Upper
 178 100
 179 26.6 12.9 19.3
 176 25.2 15.8 23.8

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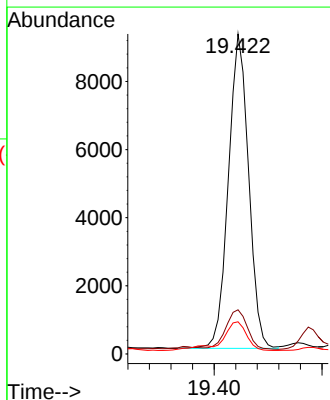
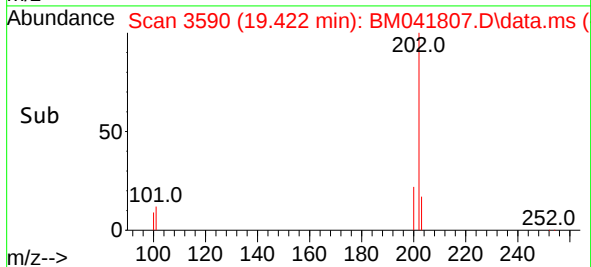
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/14/2023

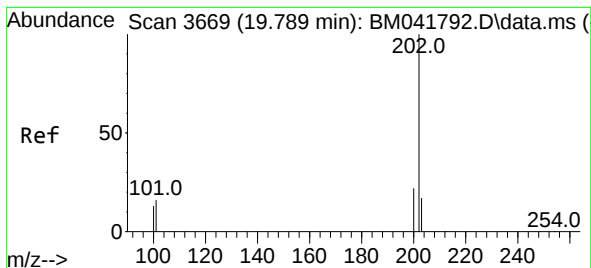


#19
 Fluoranthene
 Concen: 0.140 ng/ul
 RT: 19.422 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: BM041807.D
 Acq: 12 Sep 2023 09:05



Tgt Ion:202 Resp: 12011
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.5 15.7
 100 10.0 8.4 12.6





#20

Pyrene

Concen: 0.131 ng/ul m

RT: 19.789 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM041807.D

Acq: 12 Sep 2023 09:05

Instrument :

BNA_M

ClientSampleId :

EZYD1

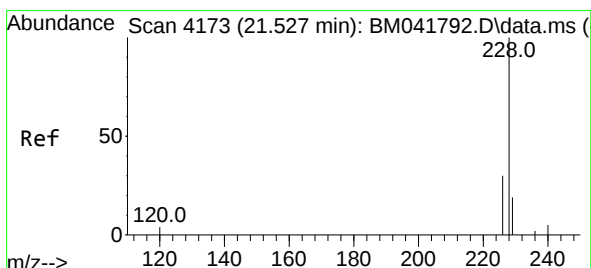
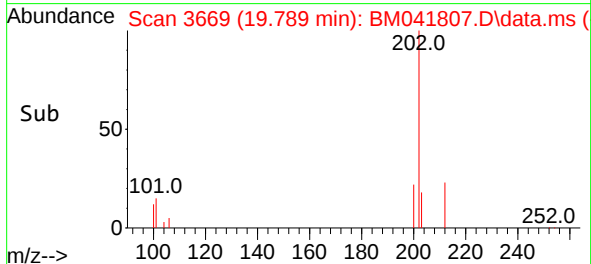
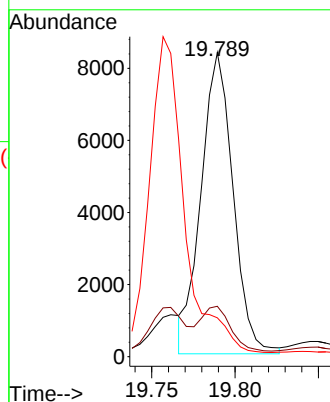
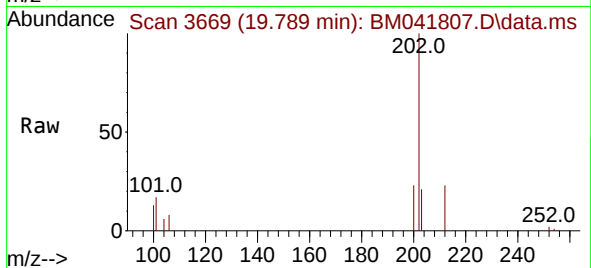
Tgt Ion:	202	Resp:	1114
Ion Ratio	Lower	Upper	
202	100		
101	16.6	11.8	17.8
100	12.8	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 0.096 ng/ul

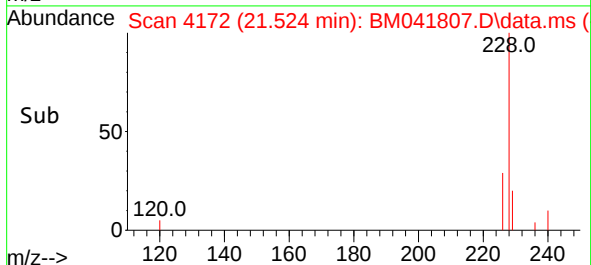
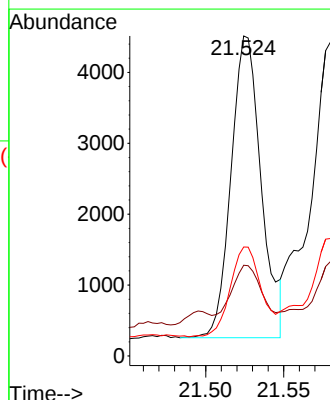
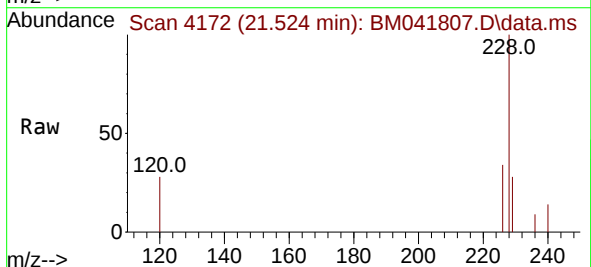
RT: 21.524 min Scan# 4172

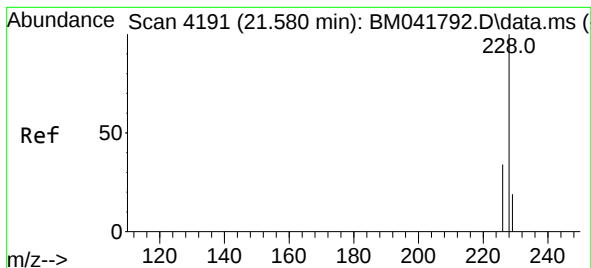
Delta R.T. -0.003 min

Lab File: BM041807.D

Acq: 12 Sep 2023 09:05

Tgt Ion:	228	Resp:	5703
Ion Ratio	Lower	Upper	
228	100		
229	28.4	15.8	23.6
226	34.1	24.8	37.2





#22

Chrysene

Concen: 0.100 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. 0.000 min

Lab File: BM041807.D

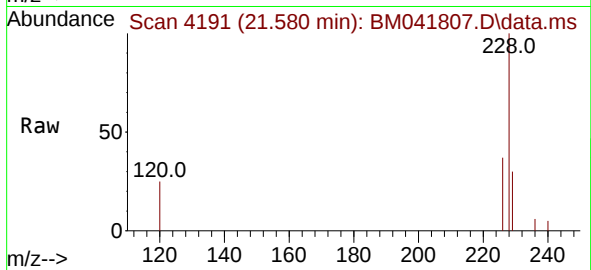
Acq: 12 Sep 2023 09:05

Instrument :

BNA_M

ClientSampleId :

EZYD1



Tgt Ion:228 Resp: 6410

Ion Ratio Lower Upper

228 100

226 37.4 27.0 40.6

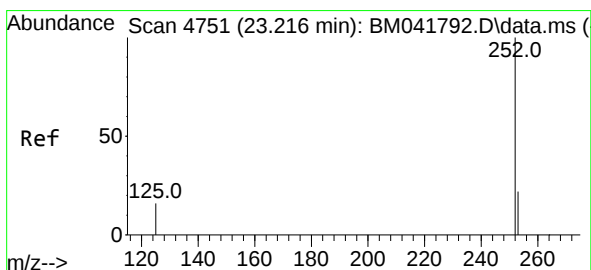
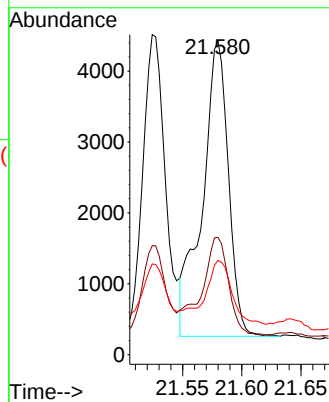
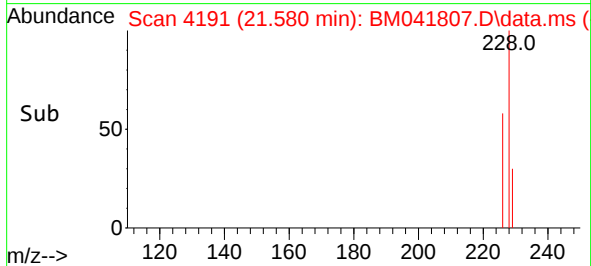
229 30.0 15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#24

Benzo(b)fluoranthene

Concen: 0.107 ng/ul

RT: 23.217 min Scan# 4751

Delta R.T. 0.000 min

Lab File: BM041807.D

Acq: 12 Sep 2023 09:05

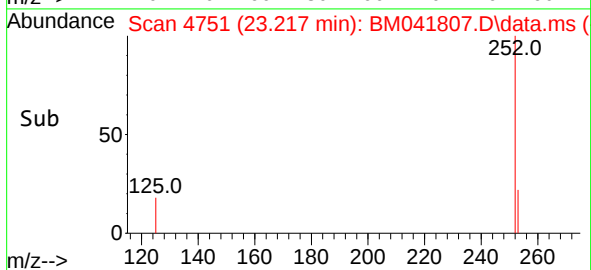
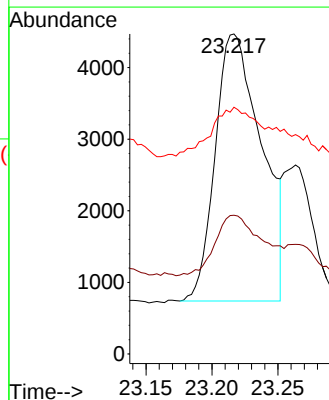
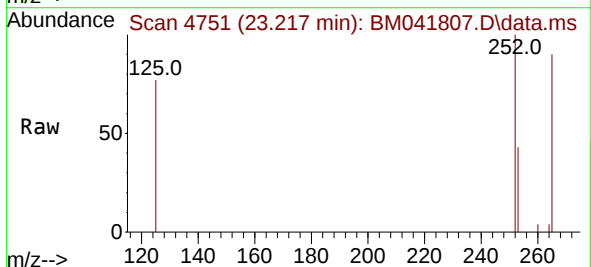
Tgt Ion:252 Resp: 9144

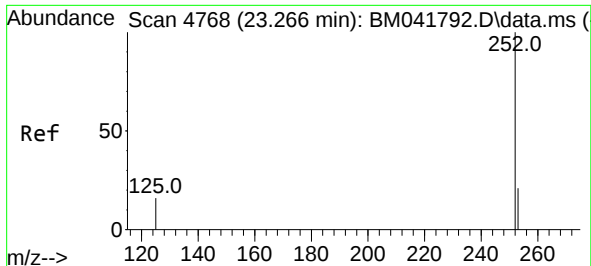
Ion Ratio Lower Upper

252 100

253 43.4 0.0 52.4

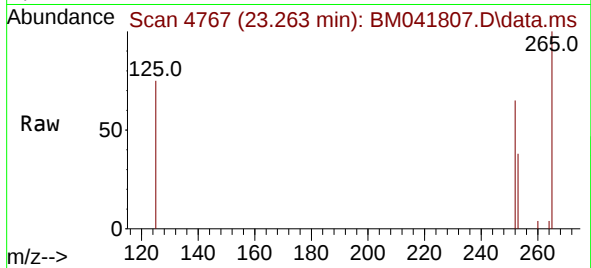
125 77.1 0.0 42.8





#25
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05

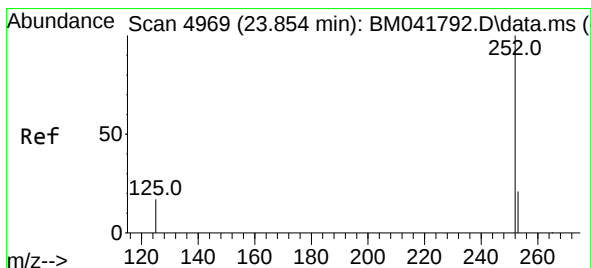
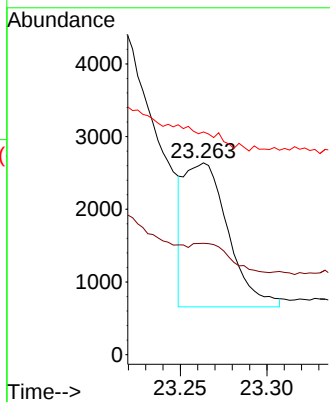
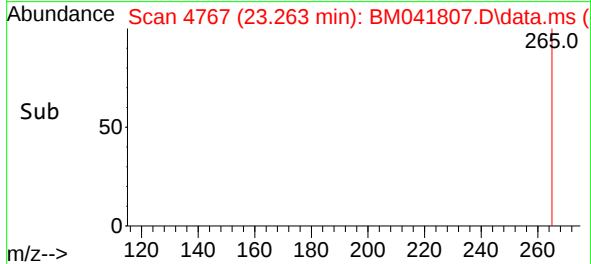
Instrument :
BNA_M
ClientSampleId :
EZYD1



Tgt Ion:252 Resp: 349
Ion Ratio Lower Upper
252 100
253 58.0 21.3 31.9#
125 116.1 17.4 26.0#

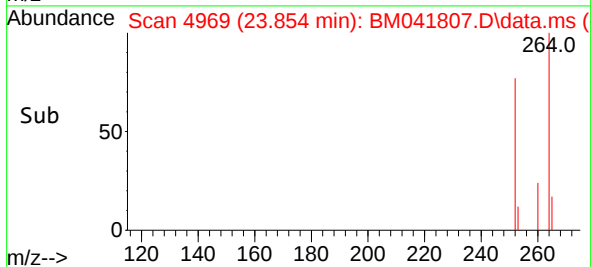
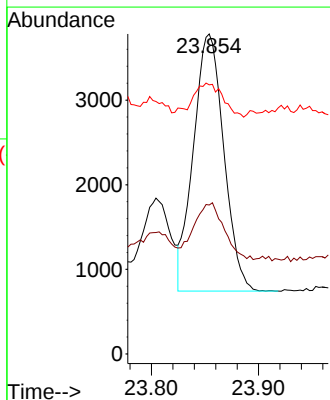
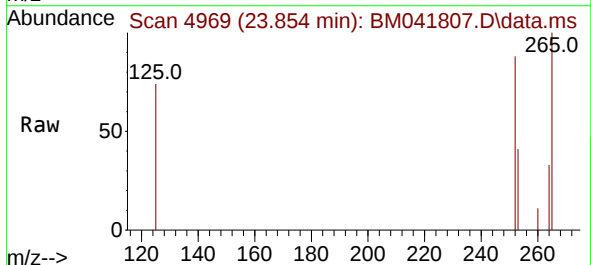
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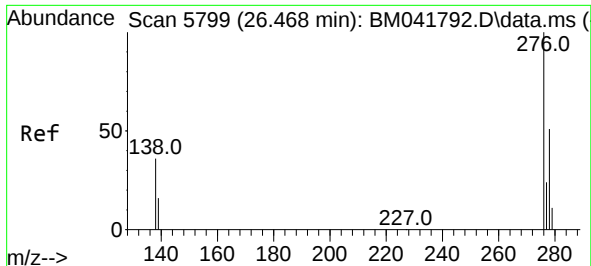
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023



#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.854 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05

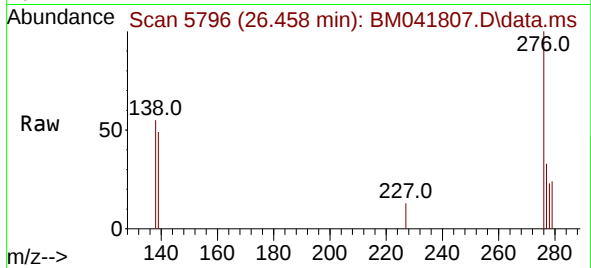
Tgt Ion:252 Resp: 5984
Ion Ratio Lower Upper
252 100
253 46.6 22.4 33.6#
125 84.1 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05

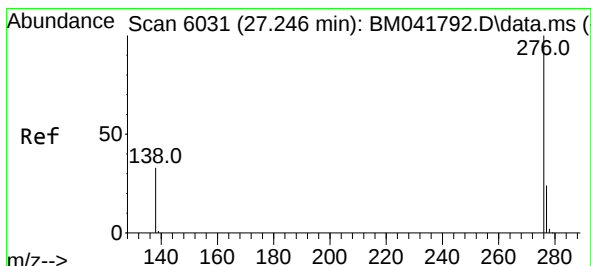
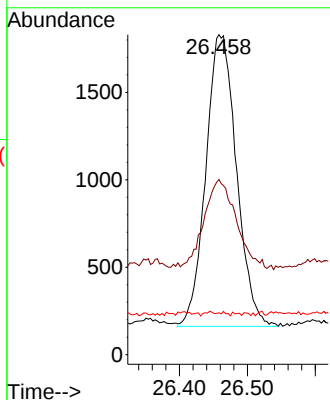
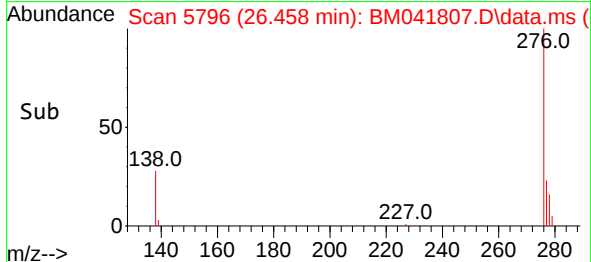
Instrument :
BNA_M
ClientSampleId :
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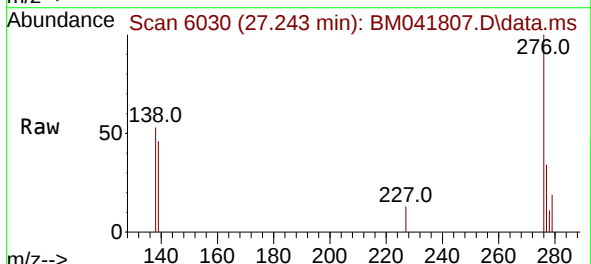
Tgt Ion:276 Resp: 522
Ion Ratio Lower Upper
276 100
138 31.9 26.4 39.6
227 0.5 0.1 0.1

Manual Integrations
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Supervised By :mohammad ahmed 09/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.243 min Scan# 6030
Delta R.T. -0.003 min
Lab File: BM041807.D
Acq: 12 Sep 2023 09:05



Tgt Ion:276 Resp: 5418
Ion Ratio Lower Upper
276 100
138 53.5 25.0 37.4#
277 33.8 20.2 30.2#

