

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046855.D
 Acq On : 27 Jul 2024 06:46
 Operator : MA/JU
 Sample : P3264-15DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:28:30 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 24 15:10:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	4360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	12783	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	8063	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	15957	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	8149	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	9138	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2033	0.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	964	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1616	0.061	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.825	152	857	0.023	ng/ul#	81
15) Phenanthrene	16.908	178	8966	0.195	ng/ul	99
16) Anthracene	16.996	178	1553	0.036	ng/ul#	83
19) Fluoranthene	18.936	202	15007	0.419	ng/ul	99
20) Pyrene	19.303	202	12687	0.343	ng/ul	100
21) Benzo(a)anthracene	21.064	228	4745m	0.140	ng/ul	
22) Chrysene	21.114	228	6112	0.177	ng/ul	94
24) Benzo(b)fluoranthene	22.581	252	8355m	0.208	ng/ul	
25) Benzo(k)fluoranthene	22.613	252	3204m	0.079	ng/ul	
26) Benzo(a)pyrene	23.113	252	4732	0.164	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.306	276	4475	0.101	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.316	278	1076	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	25.947	276	4707	0.121	ng/ul#	85

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

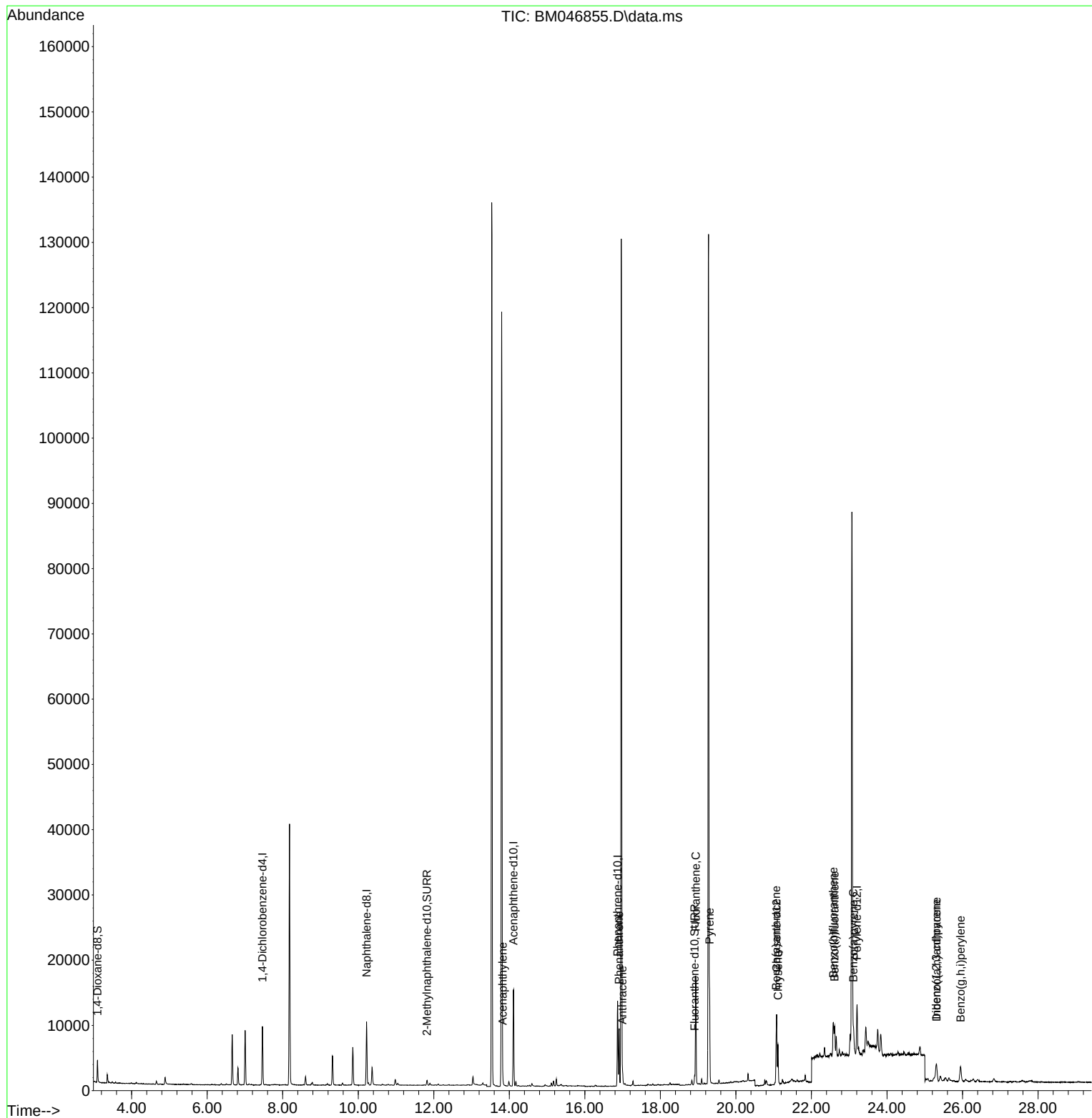
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046855.D
Acq On : 27 Jul 2024 06:46
Operator : MA/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

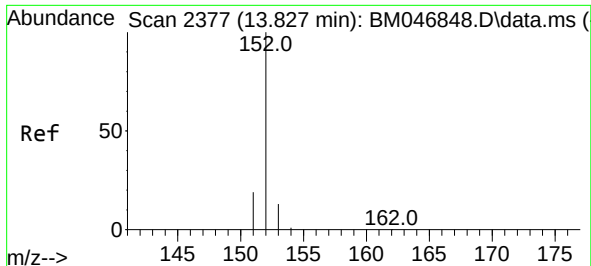
Instrument :
BNA_M
ClientSampleId :
A4CM1DL

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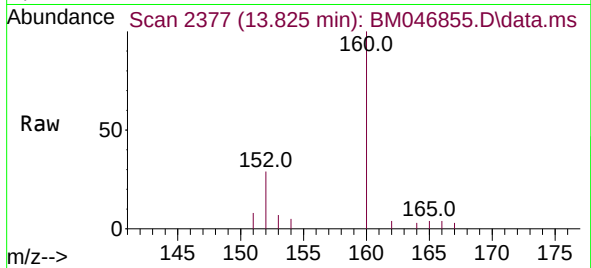
Quant Time: Jul 28 23:28:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046855.D
Acq: 27 Jul 2024 06:46

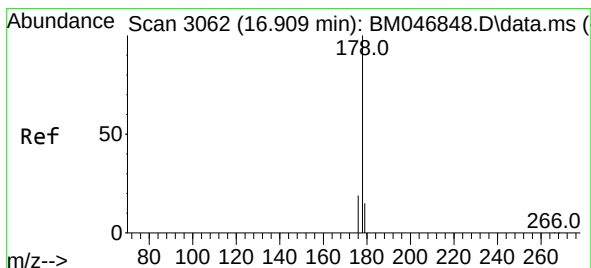
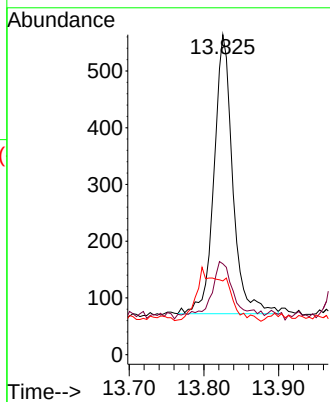
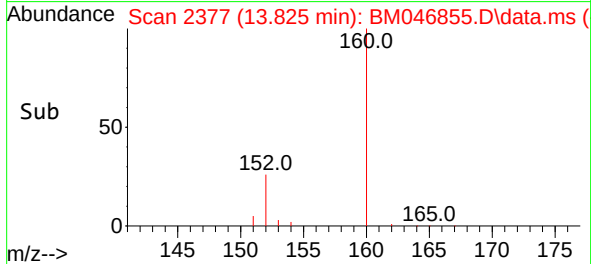
Instrument :
BNA_M
ClientSampleId :
A4CM1DL



Tgt Ion:152 Resp: 85
Ion Ratio Lower Upper
152 100
151 28.4 16.8 25.2
153 23.0 11.0 16.6

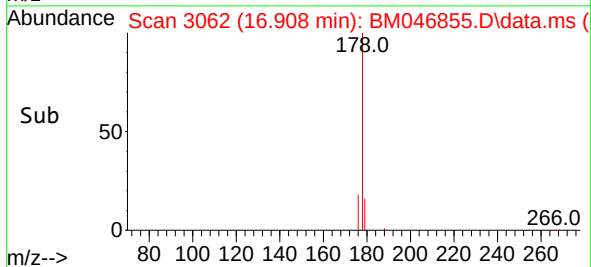
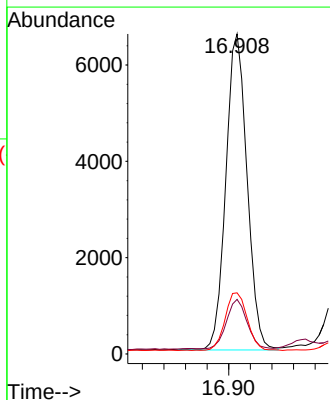
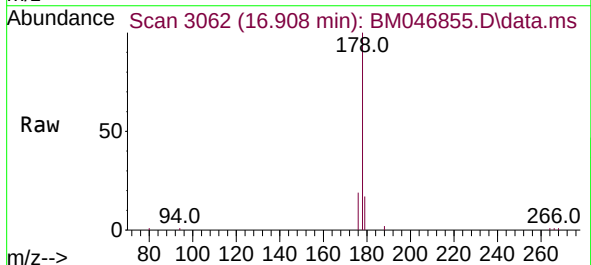
Manual Integrations
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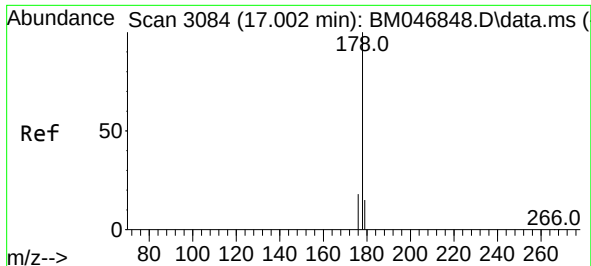
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 16.908 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM046855.D
Acq: 27 Jul 2024 06:46

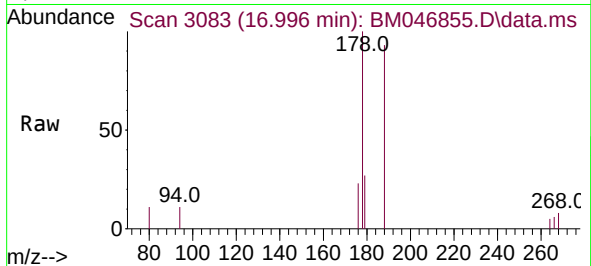
Tgt Ion:178 Resp: 8966
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 19.1 16.1 24.1





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 16.996 min Scan# 3083
 Delta R.T. -0.010 min
 Lab File: BM046855.D
 Acq: 27 Jul 2024 06:46

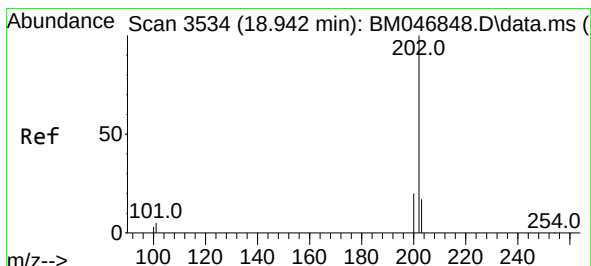
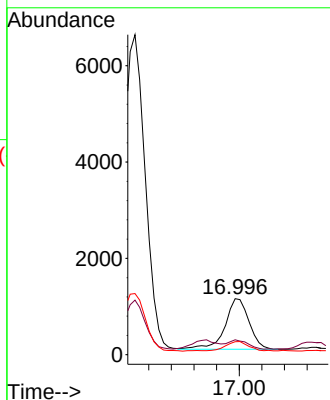
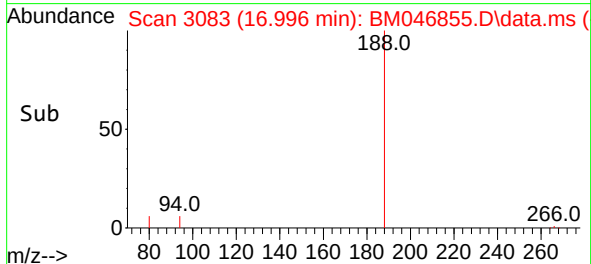
Instrument :
 BNA_M
 ClientSampleId :
 A4CM1DL



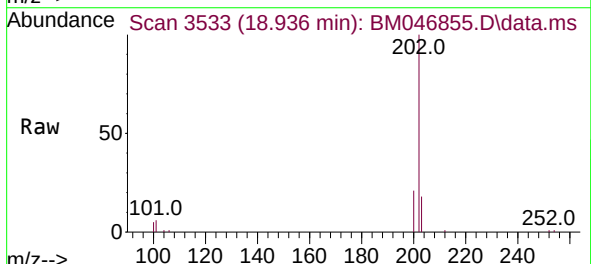
Tgt Ion:178 Resp: 155
 Ion Ratio Lower Upper
 178 100
 179 26.7 13.1 19.7
 176 23.2 15.0 22.6

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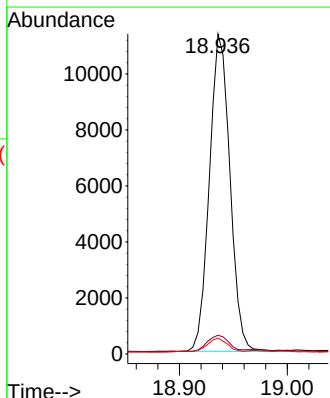
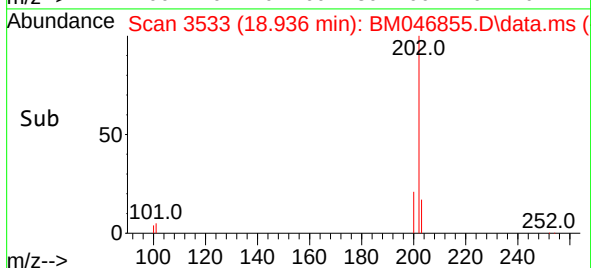
Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

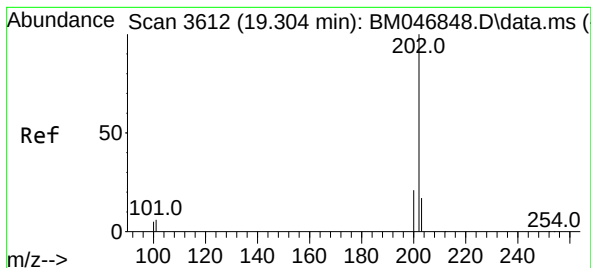


#19
 Fluoranthene
 Concen: 0.419 ng/ul
 RT: 18.936 min Scan# 3533
 Delta R.T. -0.006 min
 Lab File: BM046855.D
 Acq: 27 Jul 2024 06:46



Tgt Ion:202 Resp: 15007
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.7 7.1
 100 4.9 3.4 5.2





#20

Pyrene

Concen: 0.343 ng/ul

RT: 19.303 min Scan# 30

Delta R.T. -0.001 min

Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Instrument :

BNA_M

ClientSampleId :

A4CM1DL

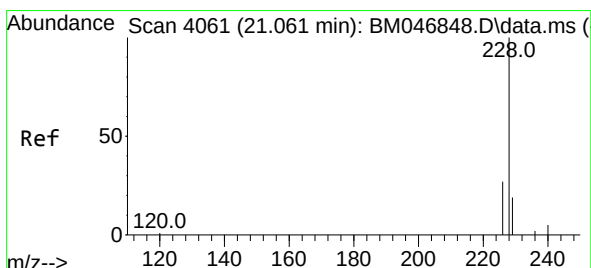
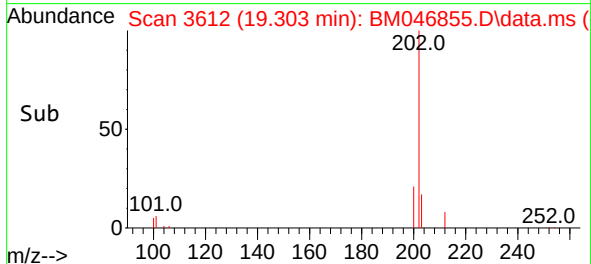
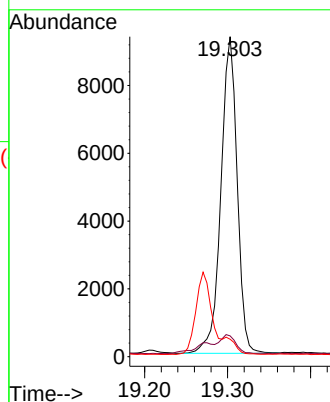
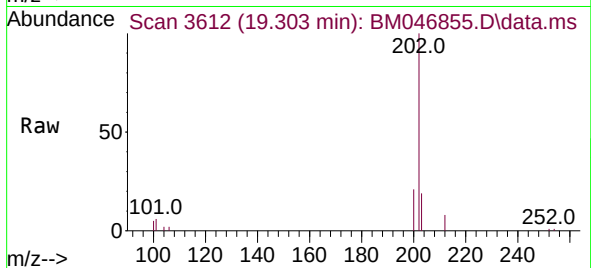
Tgt Ion:	202	Resp:	1268
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
100	5.4	4.3	6.5

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#21

Benzo(a)anthracene

Concen: 0.140 ng/ul m

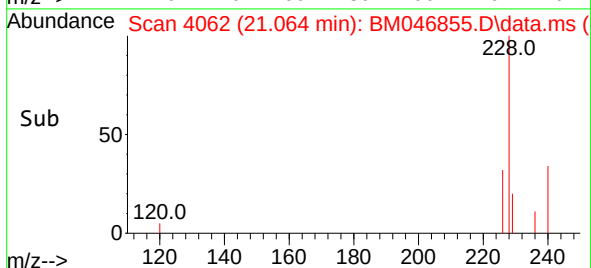
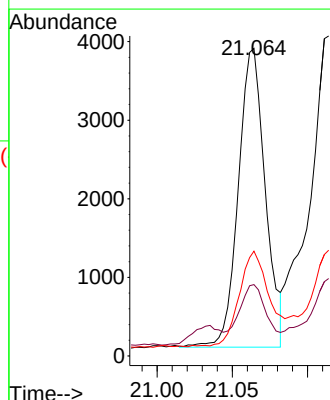
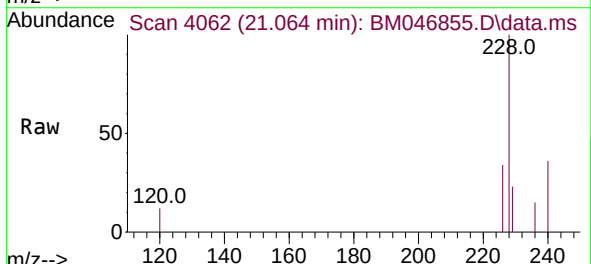
RT: 21.064 min Scan# 4062

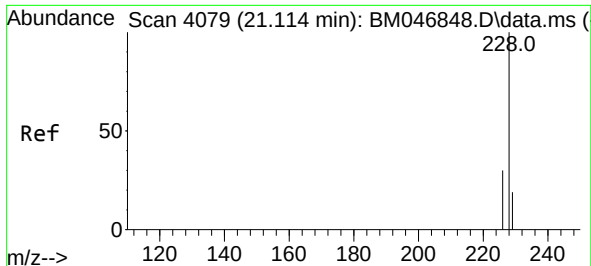
Delta R.T. 0.000 min

Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Tgt Ion:	228	Resp:	4745
Ion Ratio	Lower	Upper	
228	100		
229	23.2	16.3	24.5
226	34.1	22.3	33.5





#22

Chrysene

Concen: 0.177 ng/ul

RT: 21.114 min Scan# 4079

Delta R.T. -0.002 min

Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Instrument :

BNA_M

ClientSampleId :

A4CM1DL

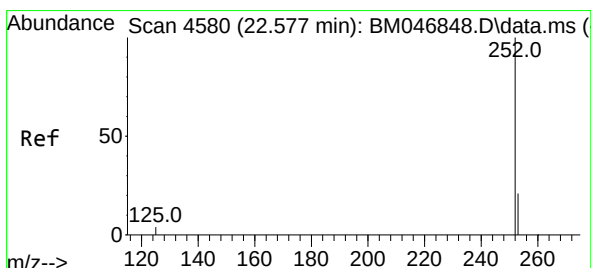
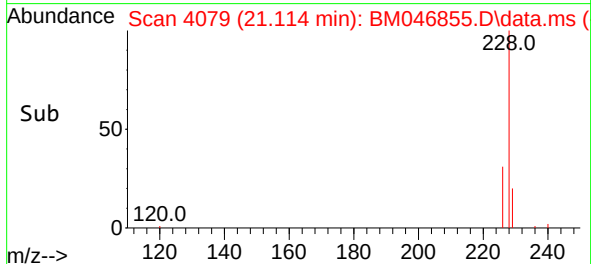
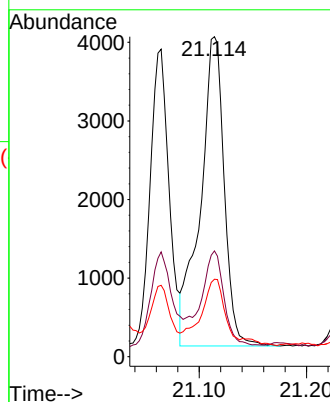
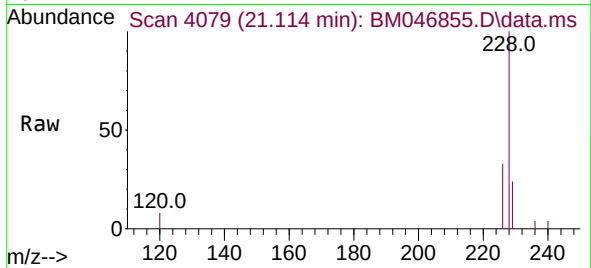
Tgt Ion:228	Resp:	611
Ion Ratio	Lower	Upper
228	100	
226	33.1	24.5 36.7
229	24.2	16.2 24.2

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#24

Benzo(b)fluoranthene

Concen: 0.208 ng/ul m

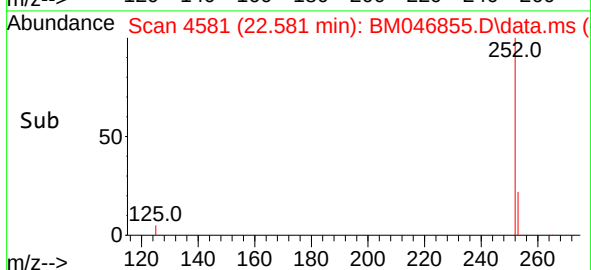
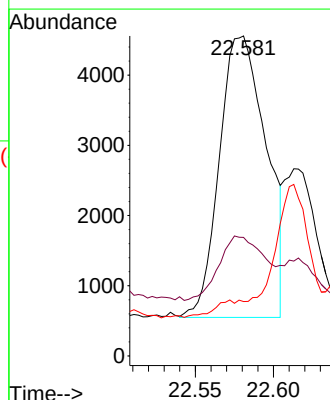
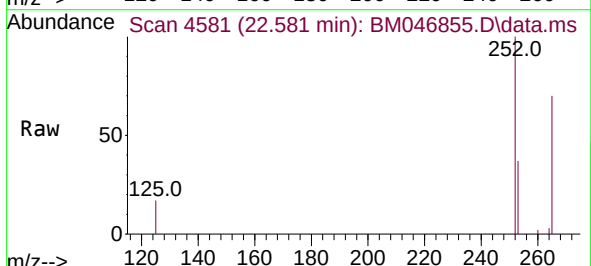
RT: 22.581 min Scan# 4581

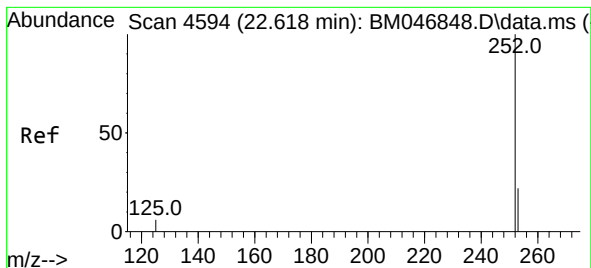
Delta R.T. 0.000 min

Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Tgt Ion:252	Resp:	8355
Ion Ratio	Lower	Upper
252	100	
253	37.1	0.0 56.4
125	17.0	0.0 15.8





#25

Benzo(k)fluoranthene

Concen: 0.079 ng/ul m

RT: 22.613 min Scan# 4

Delta R.T. -0.008 min

Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Instrument :

BNA_M

ClientSampleId :

A4CM1DL

Tgt Ion:252 Resp: 3204

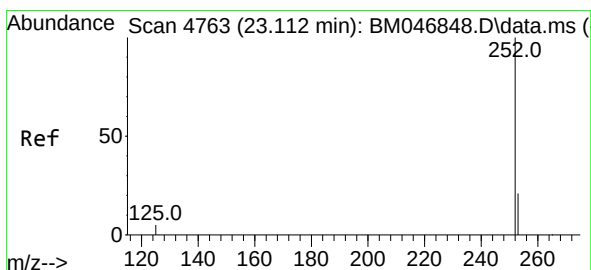
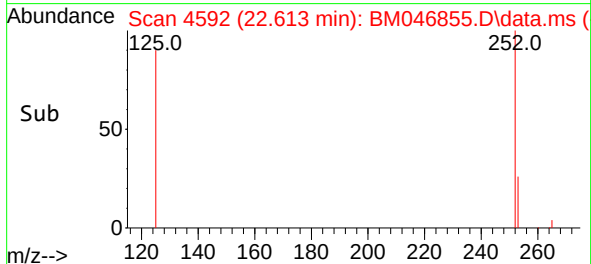
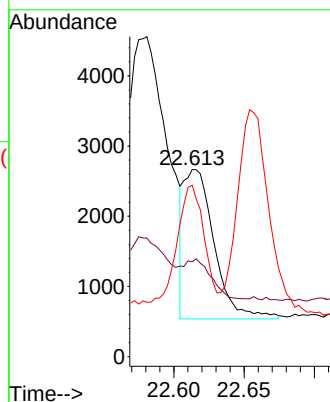
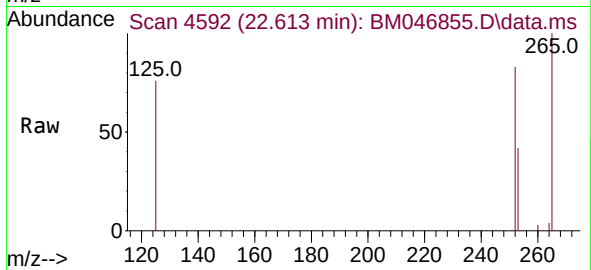
Ion	Ratio	Lower	Upper
252	100		
253	50.7	23.5	35.3
125	91.6	8.6	13.0

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#26

Benzo(a)pyrene

Concen: 0.164 ng/ul

RT: 23.113 min Scan# 4763

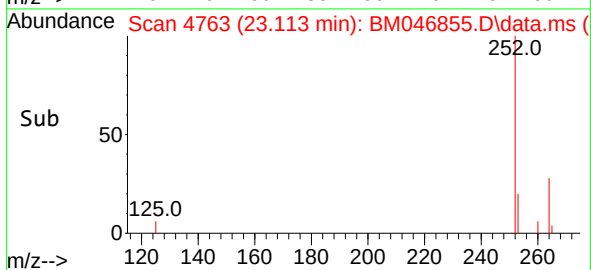
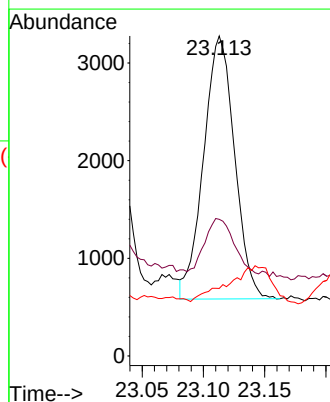
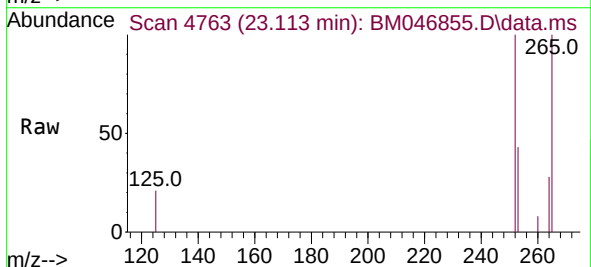
Delta R.T. -0.005 min

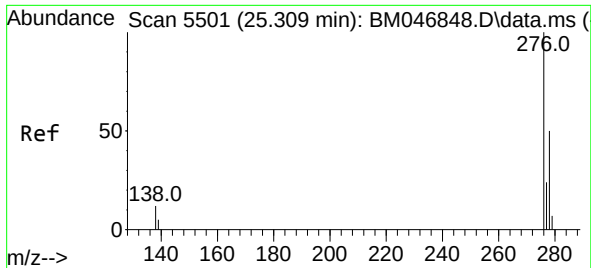
Lab File: BM046855.D

Acq: 27 Jul 2024 06:46

Tgt Ion:252 Resp: 4732

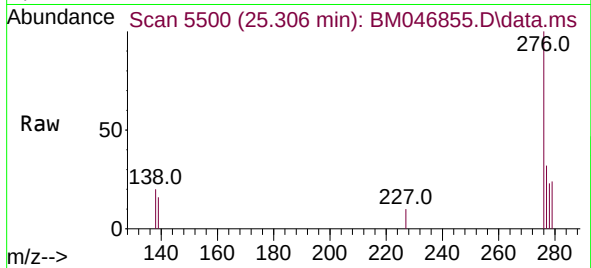
Ion	Ratio	Lower	Upper
252	100		
253	42.7	26.0	39.0
125	21.1	7.8	11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046855.D
Acq: 27 Jul 2024 06:46

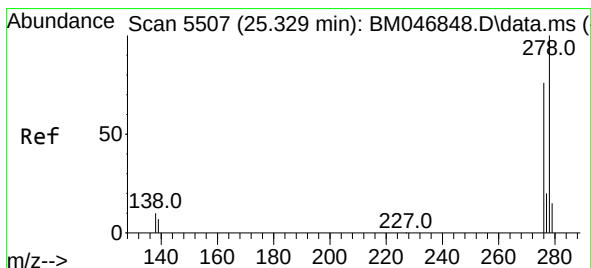
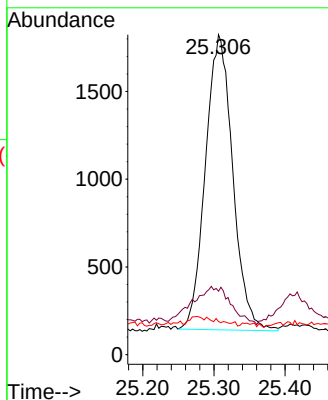
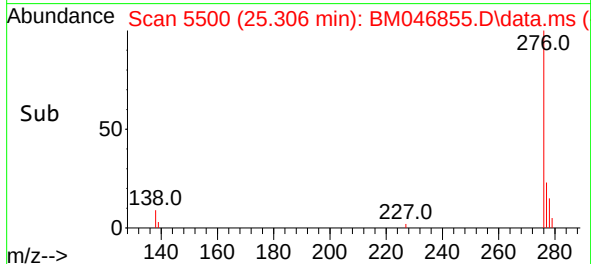
Instrument :
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ClientSampleId :
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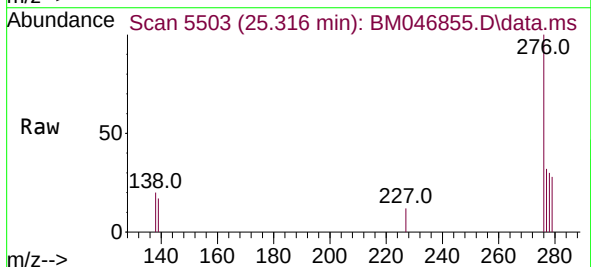
Tgt Ion: 276 Resp: 4475
Ion Ratio Lower Upper
276 100
138 18.4 9.7 14.5#
227 0.0 0.2 0.2#

Manual Integrations
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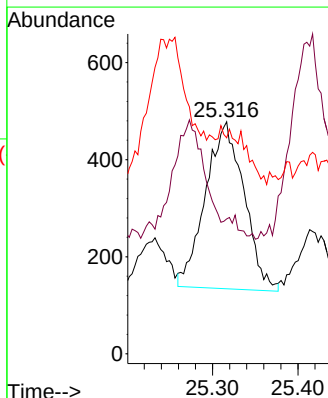
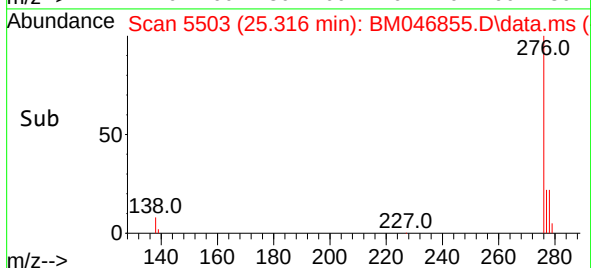
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

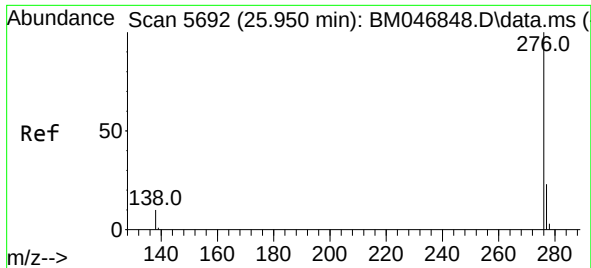


#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.016 min
Lab File: BM046855.D
Acq: 27 Jul 2024 06:46



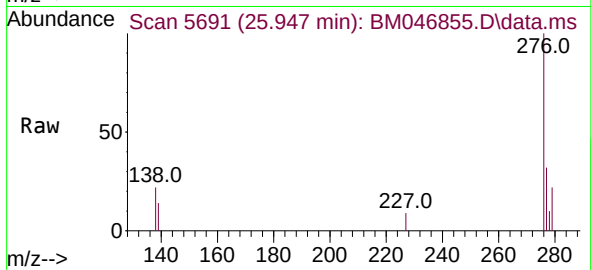
Tgt Ion: 278 Resp: 1076
Ion Ratio Lower Upper
278 100
139 58.2 9.8 14.8#
279 93.1 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 25.947 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM046855.D
Acq: 27 Jul 2024 06:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 470
Ion Ratio Lower Upper
276 100
138 21.6 9.5 14.3
277 31.7 20.9 31.3

Manual Integrations
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