

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046625.D
 Acq On : 16 Jul 2024 09:32
 Operator : MA/JU
 Sample : P3035-24DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 10:05:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	3493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	9863	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.145	164	6713	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	14611	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	10933	0.400	ng/ul	0.00
23) Perylene-d12	23.242	264	11646	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1257	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	593	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.936	212	1457	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.937	178	5031	0.121	ng/ul	97
16) Anthracene	17.030	178	1199	0.029	ng/ul#	77
19) Fluoranthene	18.968	202	11453	0.255	ng/ul#	97
20) Pyrene	19.331	202	9705	0.200	ng/ul#	95
21) Benzo(a)anthracene	21.088	228	4708	0.097	ng/ul#	92
22) Chrysene	21.140	228	5168	0.110	ng/ul#	91
24) Benzo(b)fluoranthene	22.610	252	6488m	0.139	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	2707m	0.059	ng/ul	
26) Benzo(a)pyrene	23.151	252	4234	0.111	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.360	276	3252	0.056	ng/ul#	100
29) Benzo(g,h,i)perylene	26.007	276	3064	0.066	ng/ul#	68

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

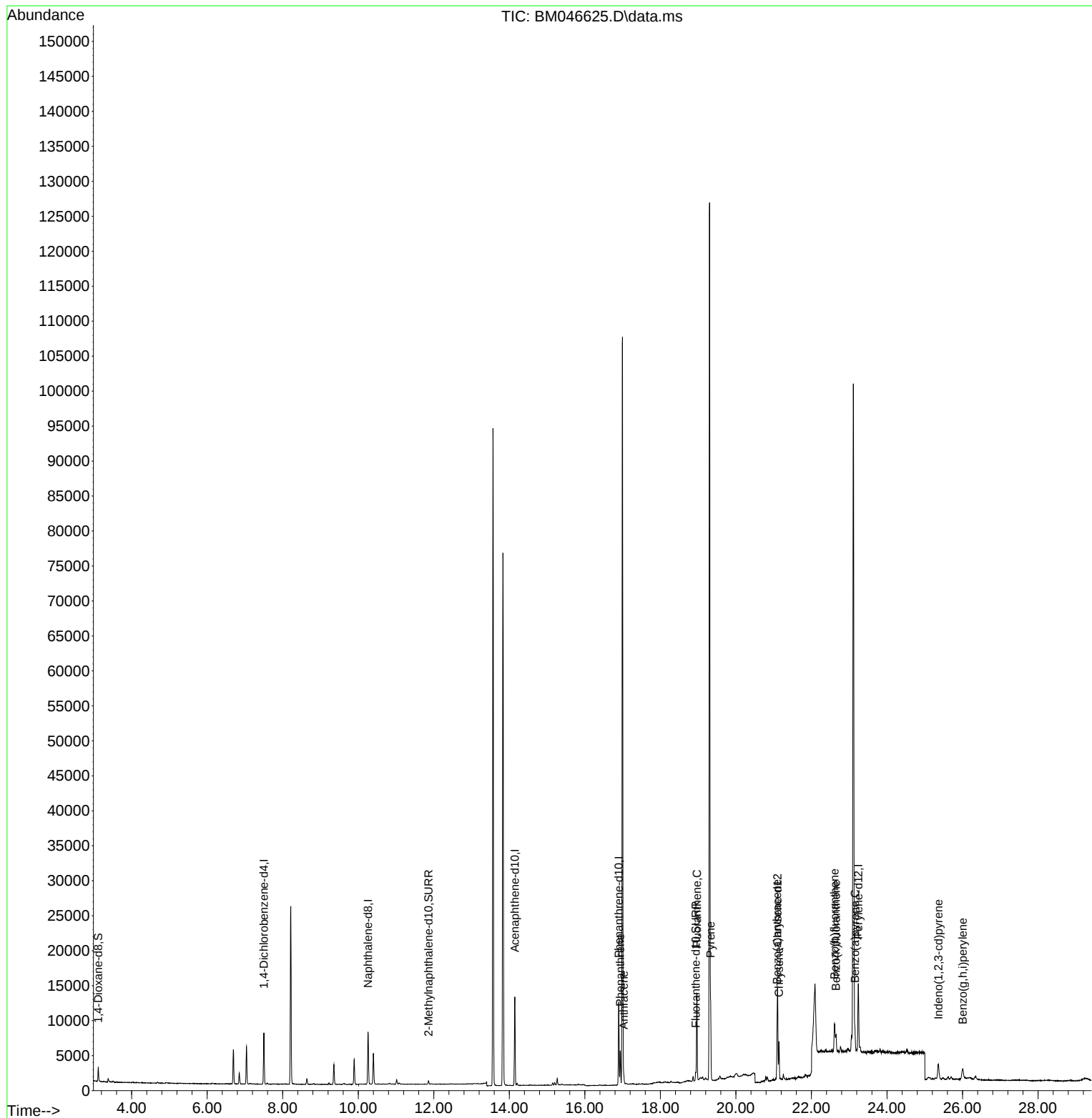
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046625.D
Acq On : 16 Jul 2024 09:32
Operator : MA/JU
Sample : P3035-24DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

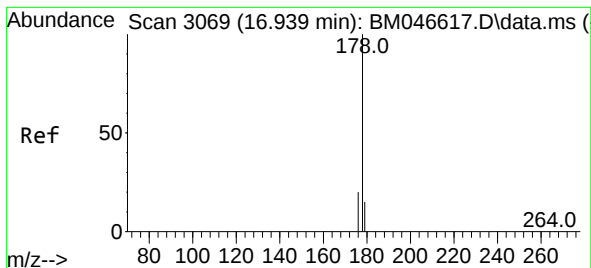
Instrument :
BNA_M
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Quant Time: Jul 16 10:05:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.121 ng/ul

RT: 16.937 min Scan# 3069

Delta R.T. -0.006 min

Lab File: BM046625.D

Acq: 16 Jul 2024 09:32

Instrument :

BNA_M

ClientSampleId :

A4CC9DL

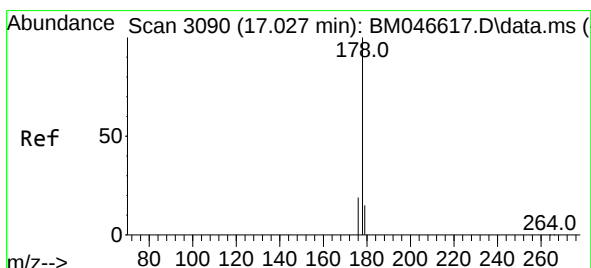
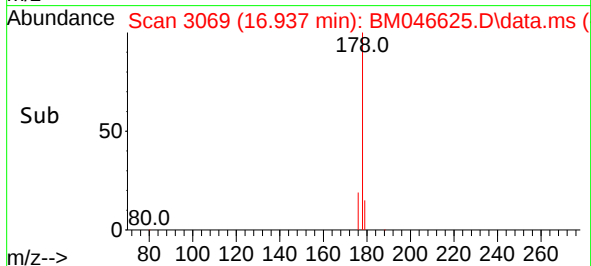
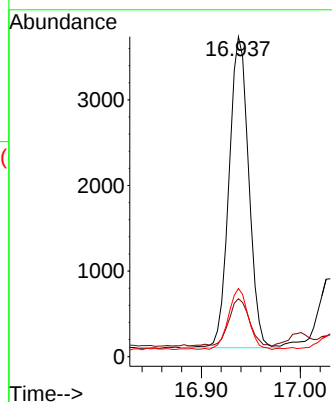
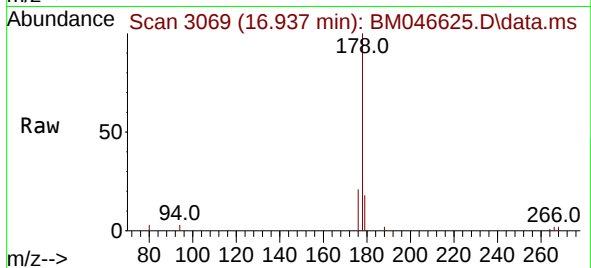
Tgt Ion:178 Resp: 503

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.1	19.7
176	21.3	16.0	24.0

Manual Integrations

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#16

Anthracene

Concen: 0.029 ng/ul

RT: 17.030 min Scan# 3091

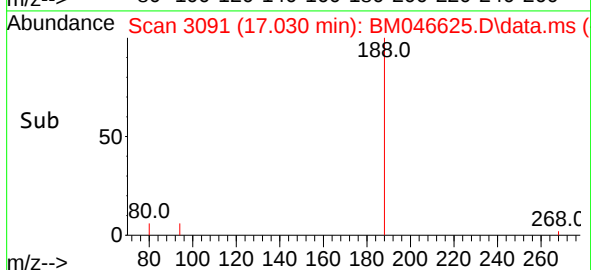
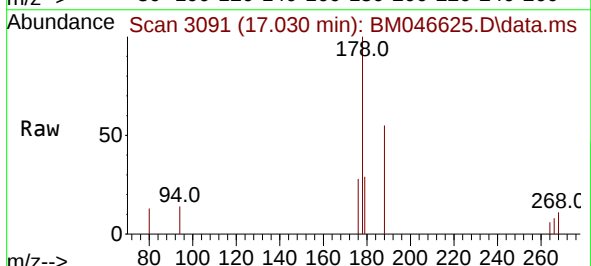
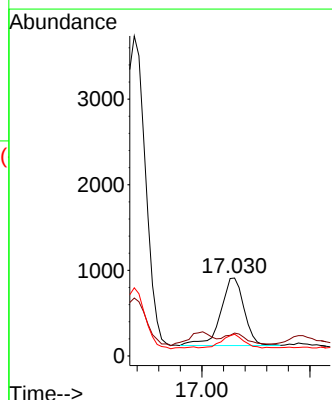
Delta R.T. -0.002 min

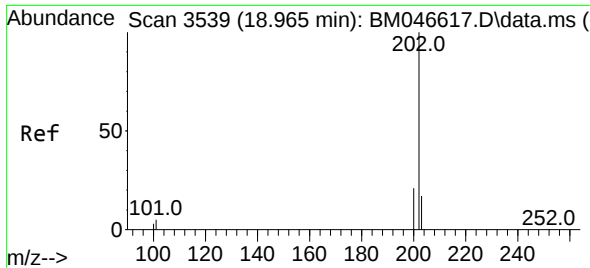
Lab File: BM046625.D

Acq: 16 Jul 2024 09:32

Tgt Ion:178 Resp: 1199

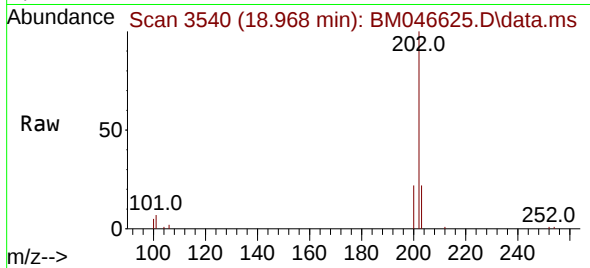
Ion	Ratio	Lower	Upper
178	100		
179	29.4	13.5	20.3#
176	27.9	15.7	23.5#





#19
Fluoranthene
Concen: 0.255 ng/u1
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

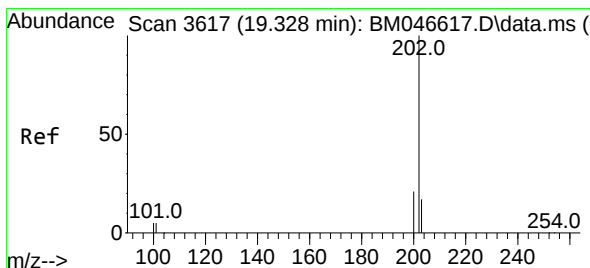
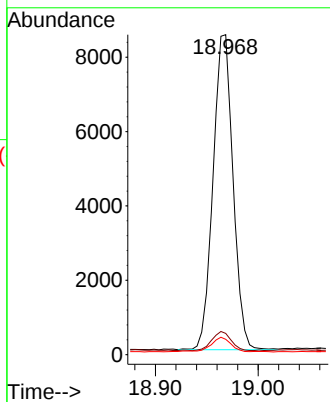
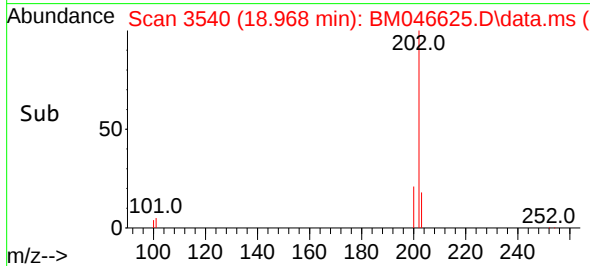
Instrument :
BNA_M
ClientSampleId :
A4CC9DL



Tgt Ion:202 Resp: 1145
Ion Ratio Lower Upper
202 100
101 6.6 4.6 6.8
100 4.8 3.0 4.6

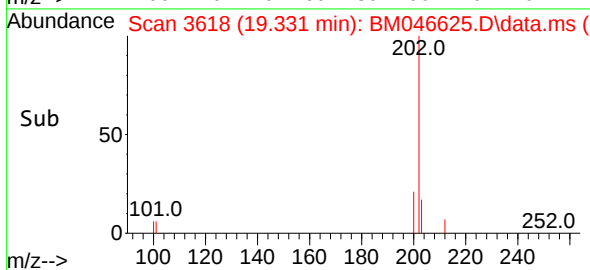
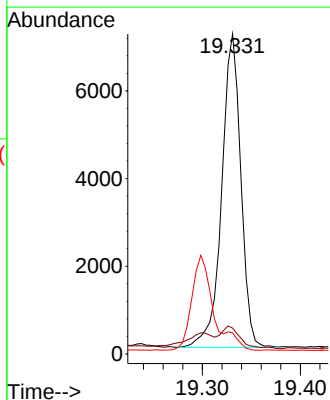
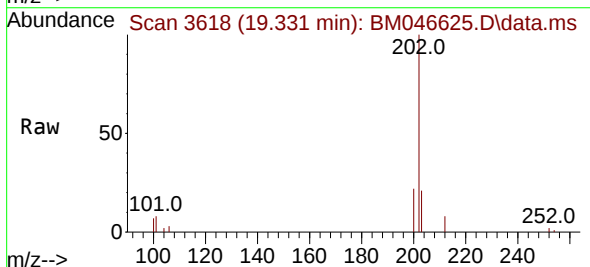
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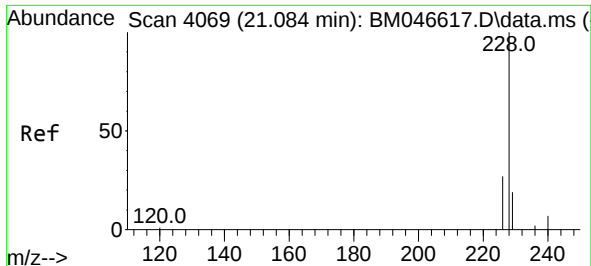
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.200 ng/u1
RT: 19.331 min Scan# 3618
Delta R.T. -0.002 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

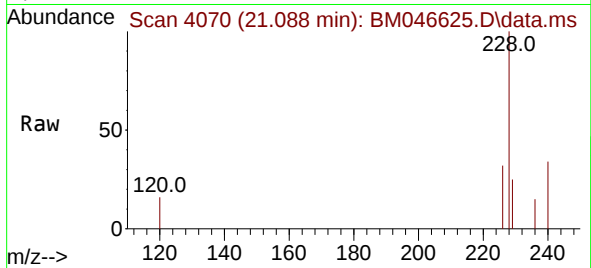
Tgt Ion:202 Resp: 9705
Ion Ratio Lower Upper
202 100
101 8.1 5.1 7.7#
100 6.6 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.088 min Scan# 4069
Delta R.T. 0.000 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

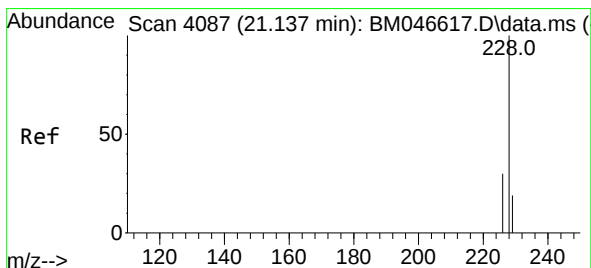
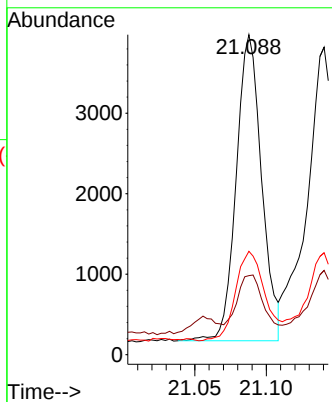
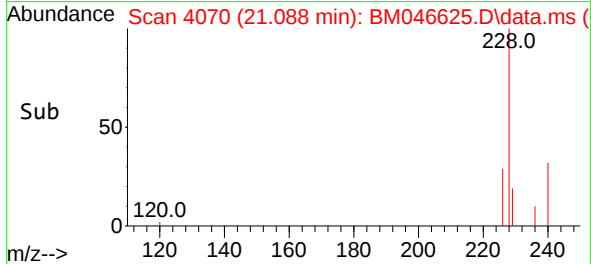
Instrument :
BNA_M
ClientSampleId :
A4CC9DL



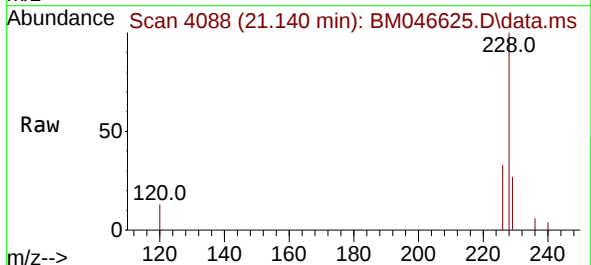
Tgt Ion:228 Resp: 4708
Ion Ratio Lower Upper
228 100
229 24.7 16.5 24.7
226 32.3 22.5 33.7

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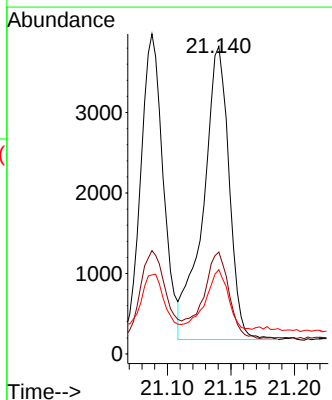
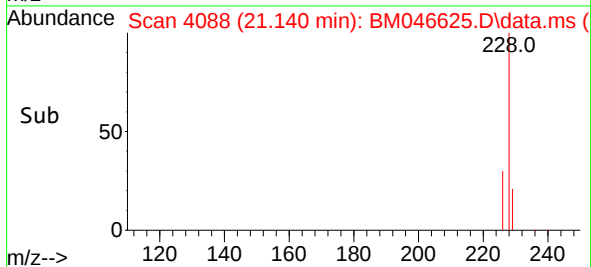
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

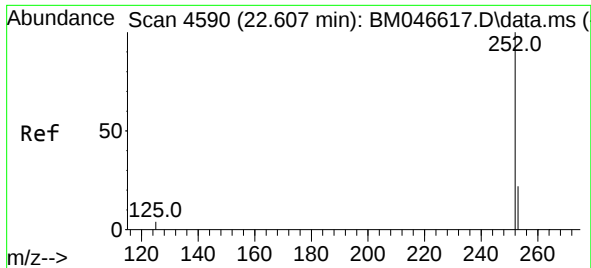


#22
Chrysene
Concen: 0.110 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. 0.000 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32



Tgt Ion:228 Resp: 5168
Ion Ratio Lower Upper
228 100
226 33.2 24.3 36.5
229 27.4 16.4 24.6





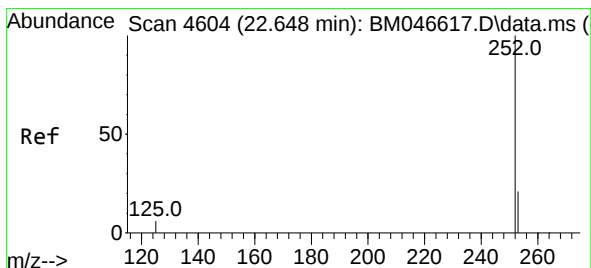
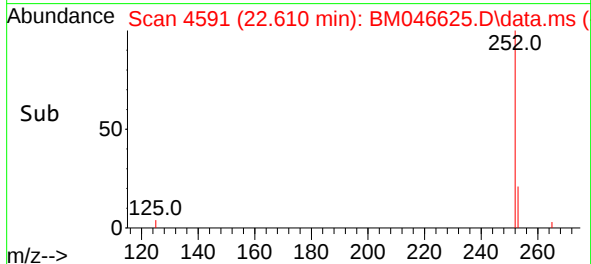
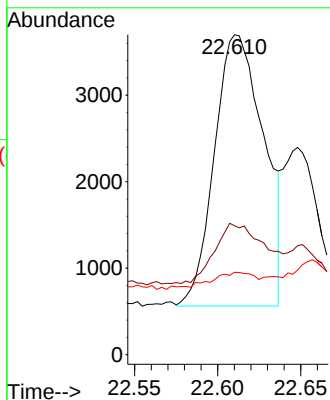
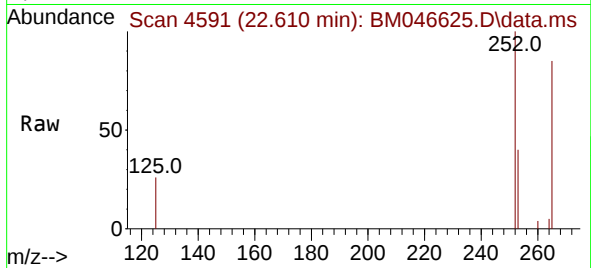
#24
Benzo(b)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. 0.000 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

Instrument :
BNA_M
ClientSampleId :
A4CC9DL

Tgt Ion:252 Resp: 648
Ion Ratio Lower Upper
252 100
253 40.3 0.0 56.2
125 25.8 0.0 17.8

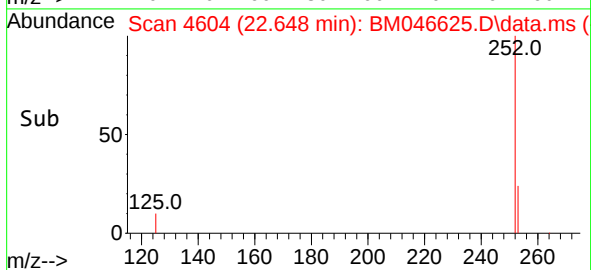
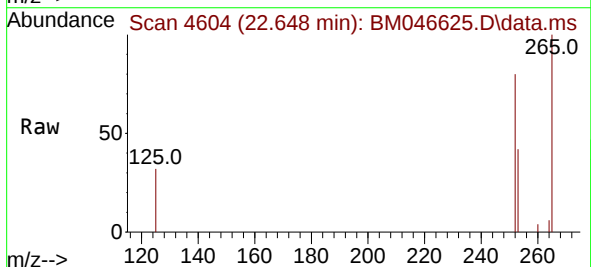
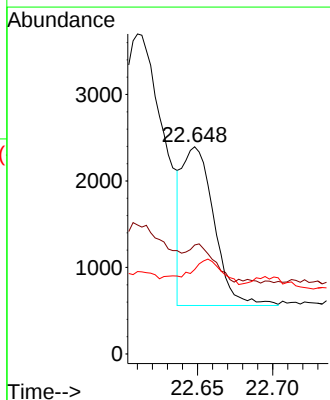
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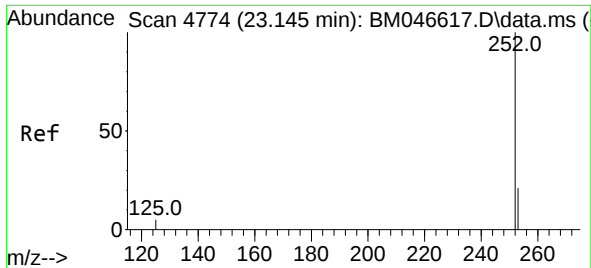
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

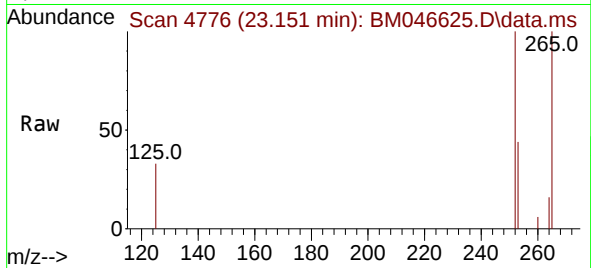
Tgt Ion:252 Resp: 2707
Ion Ratio Lower Upper
252 100
253 52.6 22.4 33.6#
125 40.8 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.151 min Scan# 4776
Delta R.T. 0.000 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

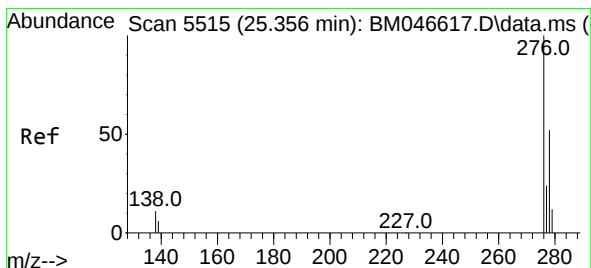
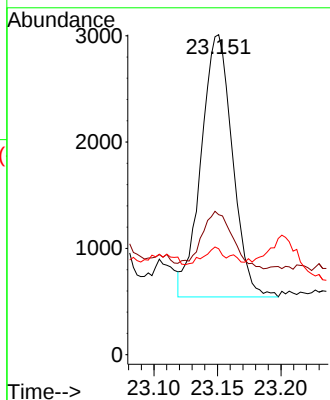
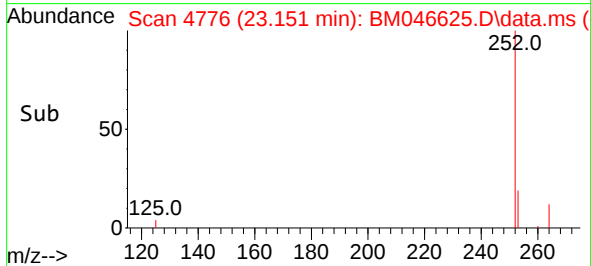
Instrument :
BNA_M
ClientSampleId :
A4CC9DL



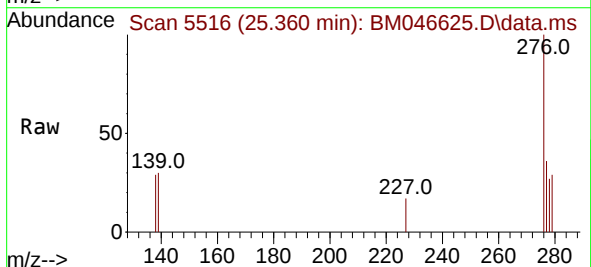
Tgt Ion:252 Resp: 4234
Ion Ratio Lower Upper
252 100
253 43.8 24.0 36.0
125 33.1 8.2 12.2

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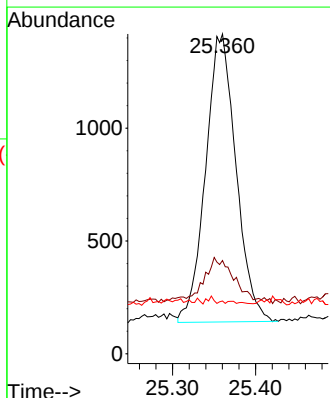
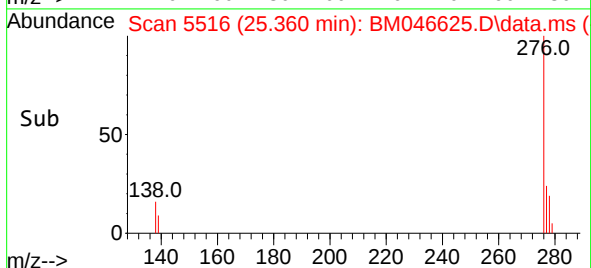
Reviewed By :Jagrut Upadhyay 07/16/2024
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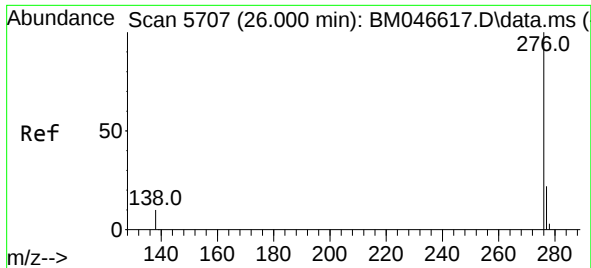


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. 0.000 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32



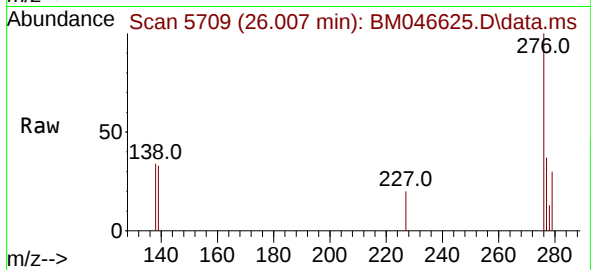
Tgt Ion:276 Resp: 3252
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.6 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.007 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046625.D
Acq: 16 Jul 2024 09:32

Instrument :
BNA_M
ClientSampleId :
A4CC9DL



Tgt Ion:	276	Resp:	3064
Ion Ratio	Lower	Upper	
276	100		
138	33.9	10.2	15.4
277	37.2	20.9	31.3

Manual Integrations
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