

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046620.D
 Acq On : 16 Jul 2024 06:29
 Operator : MA/JU
 Sample : P3088-02DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 07:10:32 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	7.502	152	2799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7343	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	4940	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	10894	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8870	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	9805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1831	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	661	0.056	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	1736	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.939	178	6082	0.196	ng/ul	99
16) Anthracene	17.027	178	1032	0.034	ng/ul#	80
19) Fluoranthene	18.965	202	13689	0.376	ng/ul	99
20) Pyrene	19.327	202	11780	0.299	ng/ul#	98
21) Benzo(a)anthracene	21.087	228	4860	0.124	ng/ul	93
22) Chrysene	21.137	228	5819	0.153	ng/ul	95
24) Benzo(b)fluoranthene	22.610	252	8254m	0.211	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	2880m	0.075	ng/ul	
26) Benzo(a)pyrene	23.148	252	4832	0.150	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.356	276	4191	0.085	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.363	278	1067	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	26.000	276	4021	0.103	ng/ul#	87

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

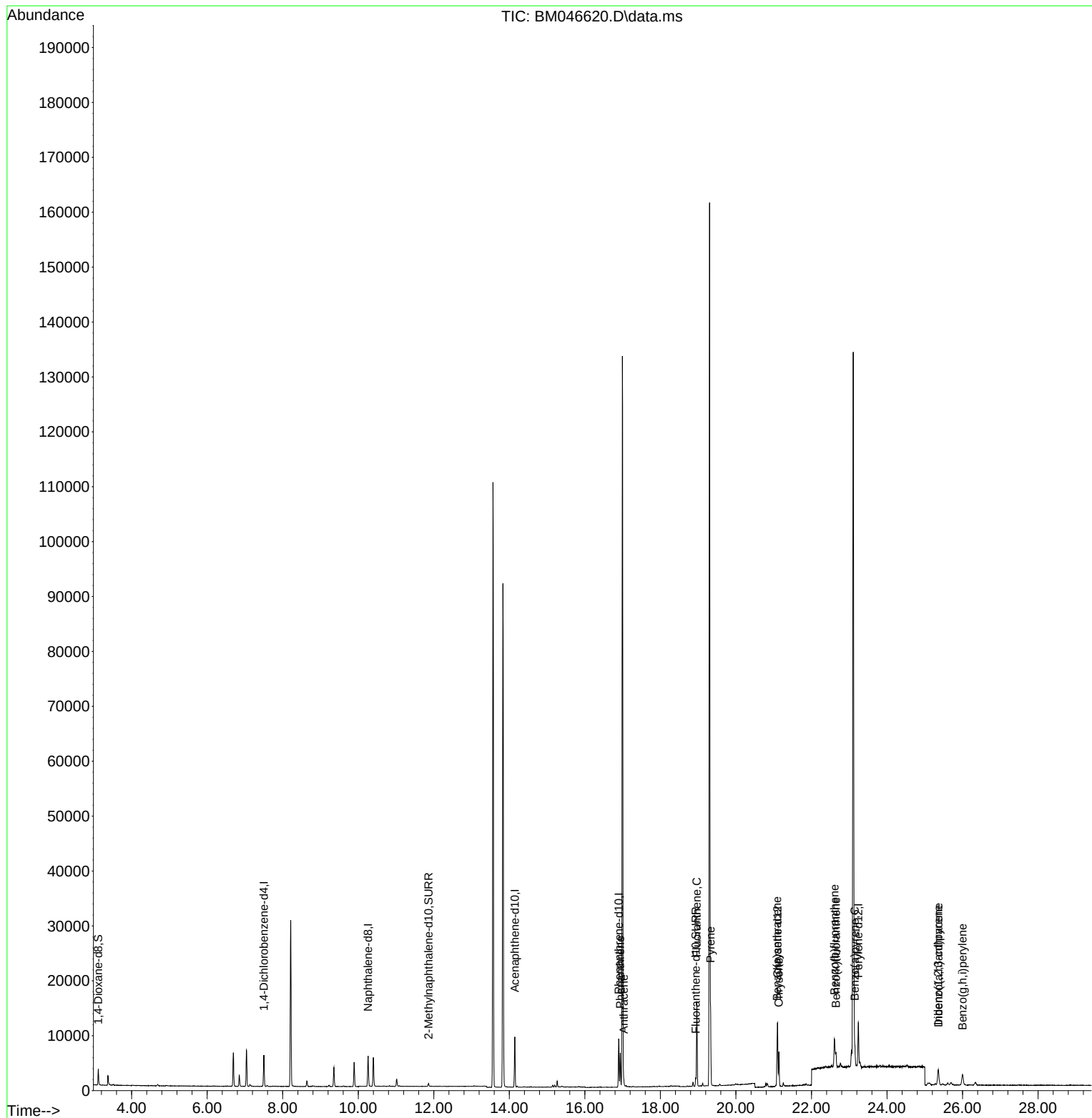
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046620.D
Acq On : 16 Jul 2024 06:29
Operator : MA/JU
Sample : P3088-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

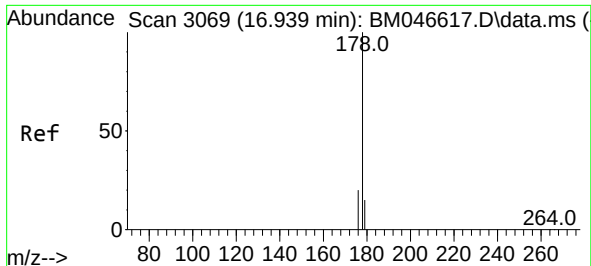
Instrument :
BNA_M
ClientSampleId :
A4CC5DL

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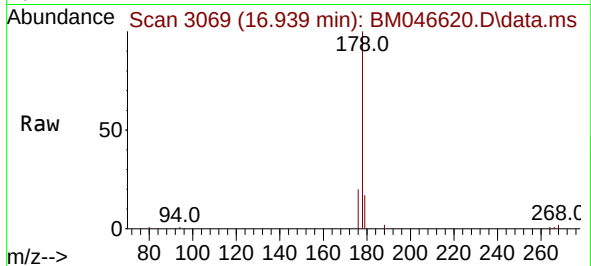
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

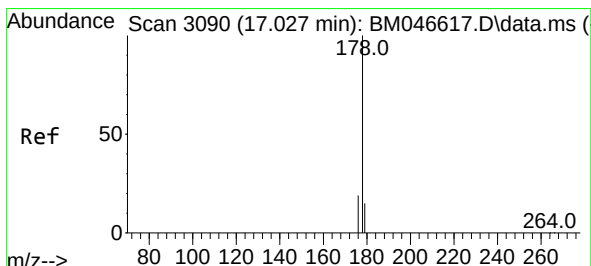
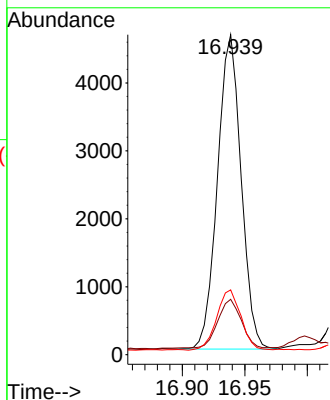
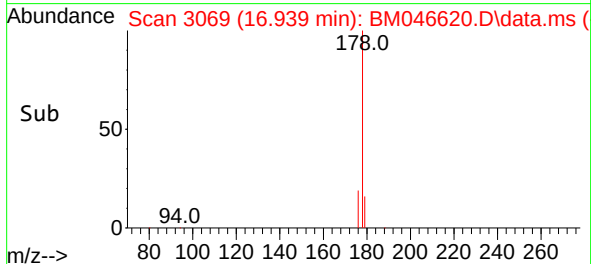
Instrument :
BNA_M
ClientSampleId :
A4CC5DL



Tgt Ion:178 Resp: 608
Ion Ratio Lower Upper
178 100
179 17.3 13.1 19.7
176 20.3 16.0 24.0

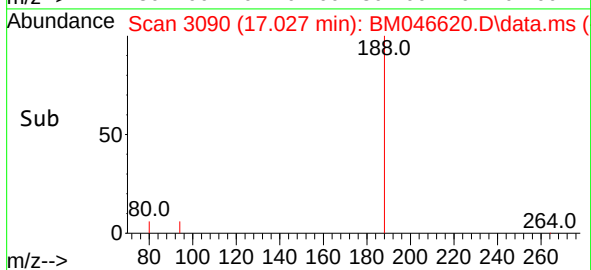
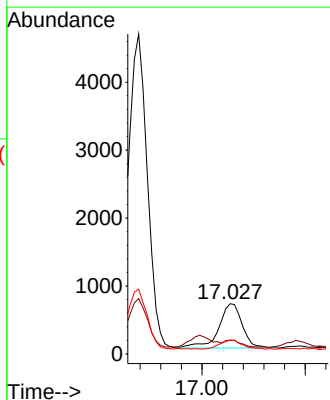
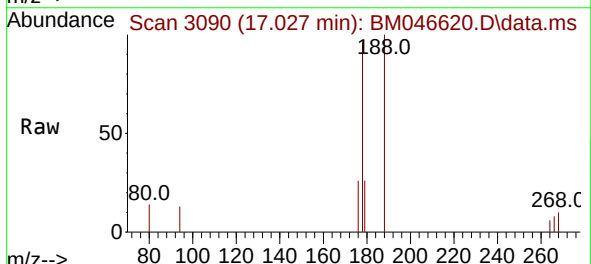
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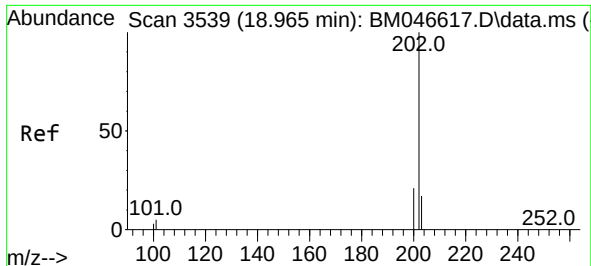
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

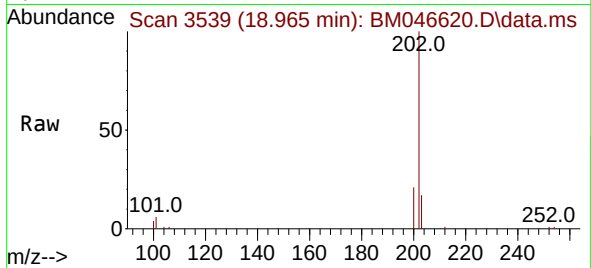
Tgt Ion:178 Resp: 1032
Ion Ratio Lower Upper
178 100
179 27.6 13.5 20.3#
176 27.3 15.7 23.5#





#19
Fluoranthene
Concen: 0.376 ng/u1
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

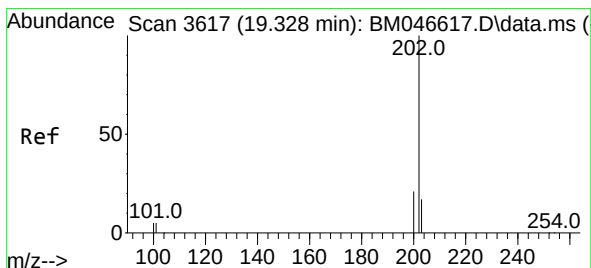
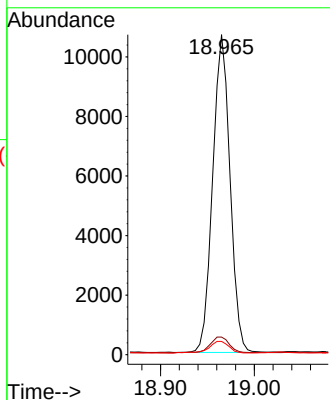
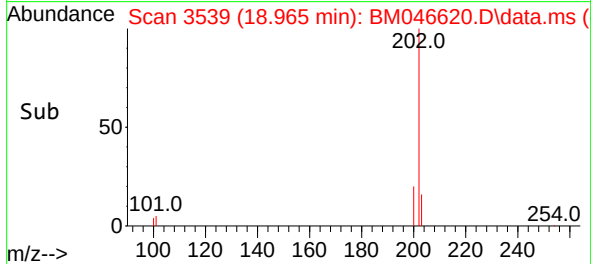
Instrument :
BNA_M
ClientSampleId :
A4CC5DL



Tgt Ion:202 Resp: 13689
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.1 3.0 4.6

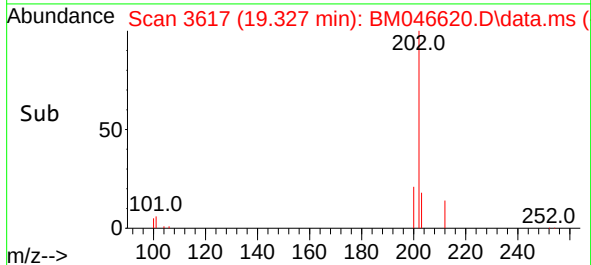
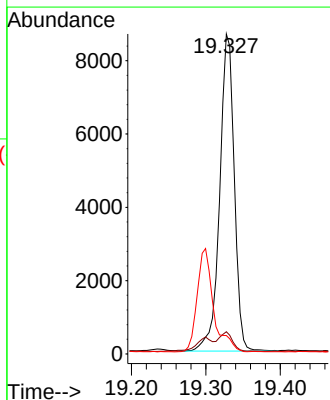
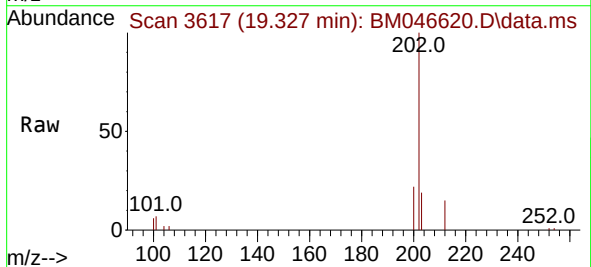
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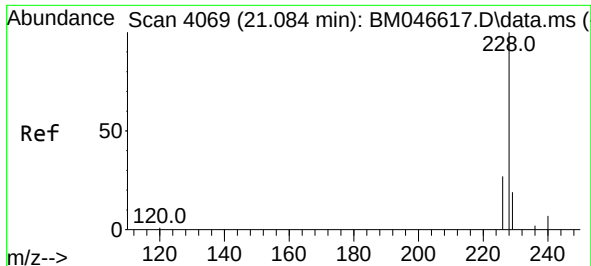
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.299 ng/u1
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

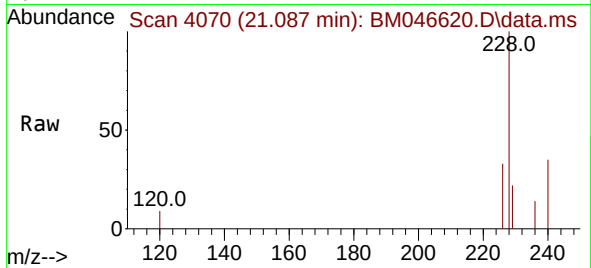
Tgt Ion:202 Resp: 11780
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.8 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 21.087 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

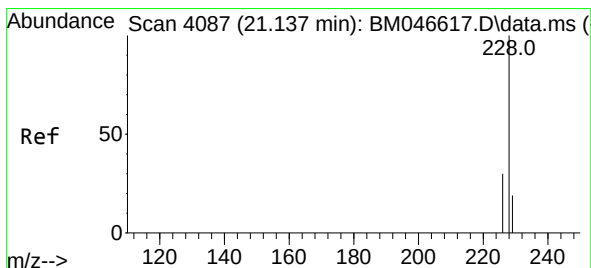
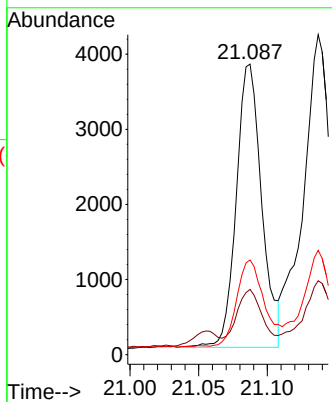
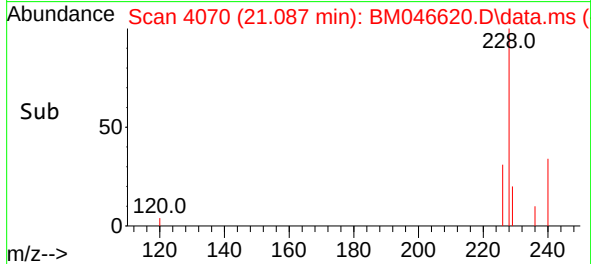
Instrument :
BNA_M
ClientSampleId :
A4CC5DL



Tgt Ion:228 Resp: 4860
Ion Ratio Lower Upper
228 100
229 22.4 16.5 24.7
226 32.6 22.5 33.7

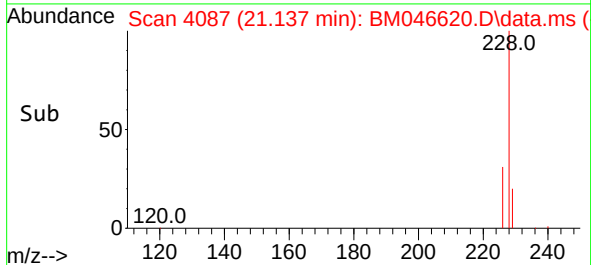
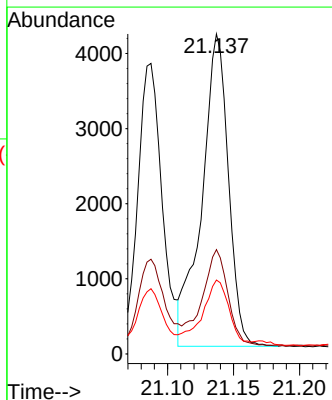
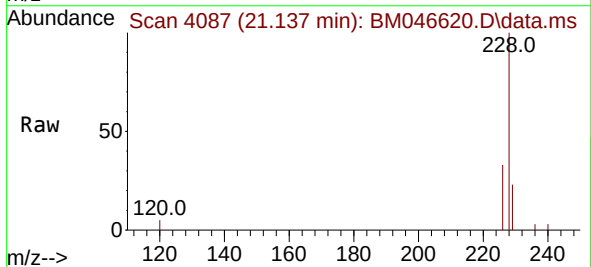
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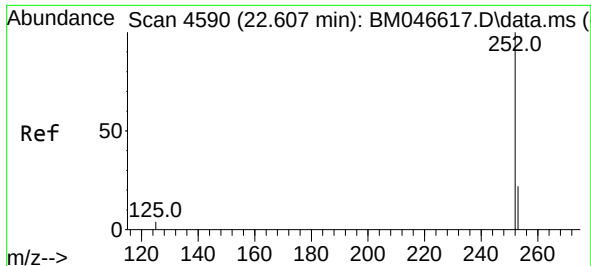
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

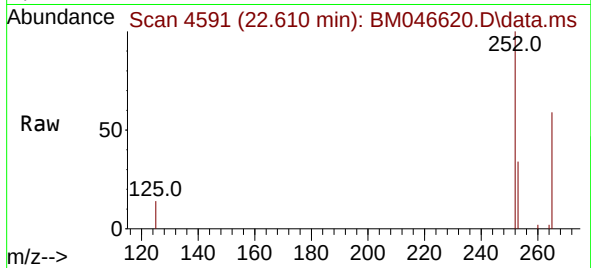
Tgt Ion:228 Resp: 5819
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 23.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.211 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

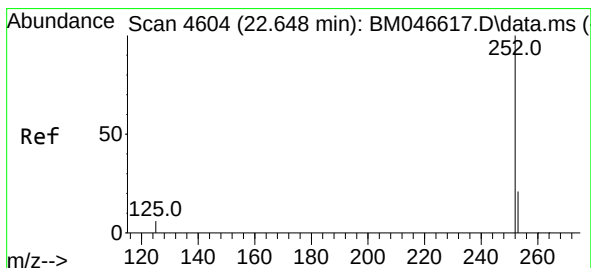
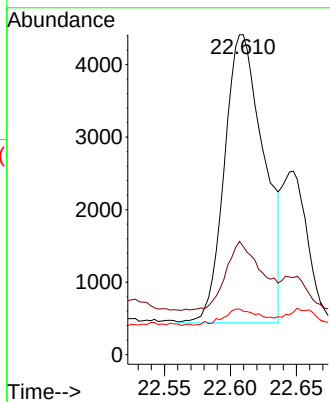
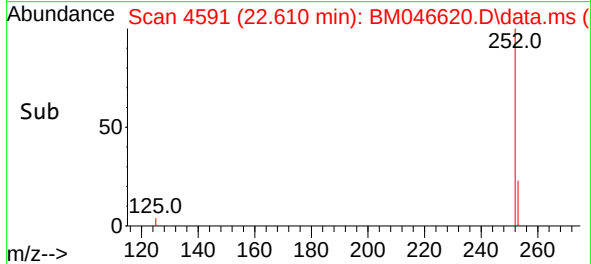
Instrument :
BNA_M
ClientSampleId :
A4CC5DL



Tgt Ion:252 Resp: 8254
Ion Ratio Lower Upper
252 100
253 33.8 0.0 56.2
125 13.6 0.0 17.8

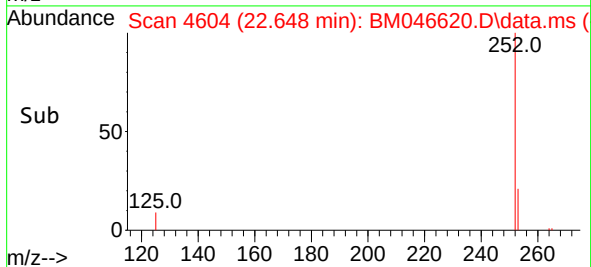
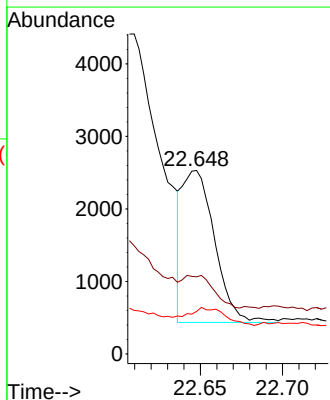
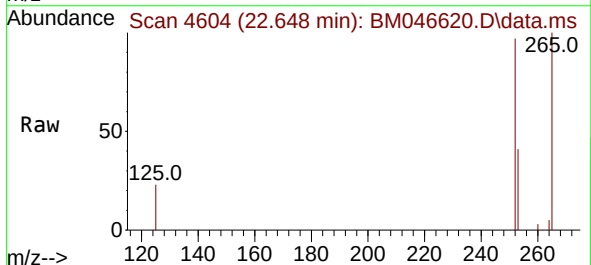
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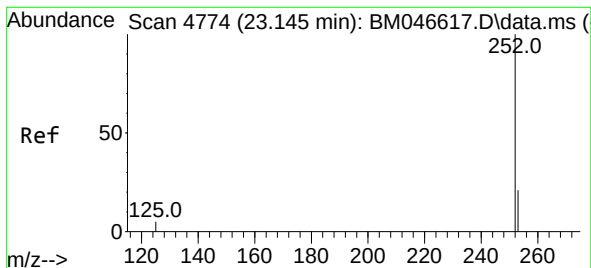
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

Tgt Ion:252 Resp: 2880
Ion Ratio Lower Upper
252 100
253 42.1 22.4 33.6#
125 23.2 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.150 ng/ul

RT: 23.148 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046620.D

Acq: 16 Jul 2024 06:29

Instrument :

BNM_M

ClientSampleId :

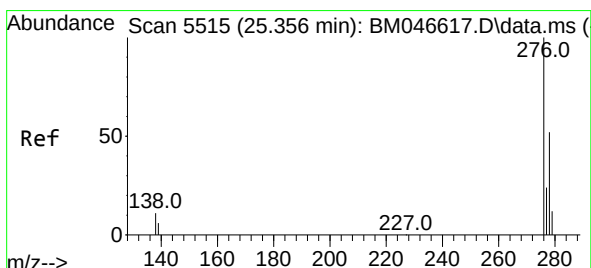
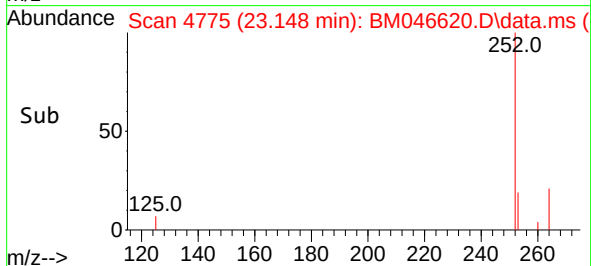
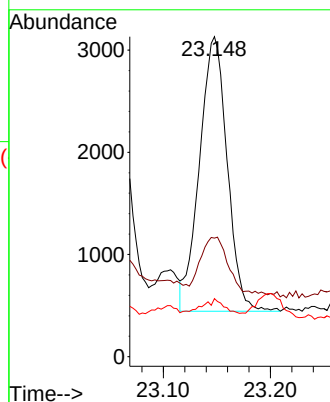
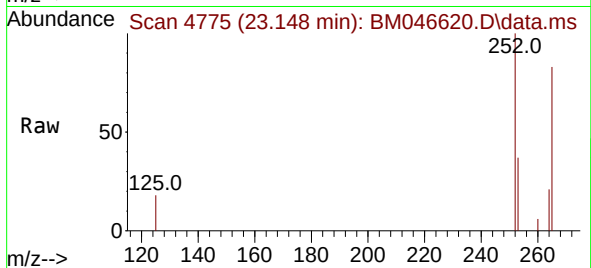
A4CC5DL

Tgt Ion:	252	Resp:	483
Ion Ratio	Lower	Upper	
252	100		
253	37.1	24.0	36.0
125	18.2	8.2	12.2

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.085 ng/ul

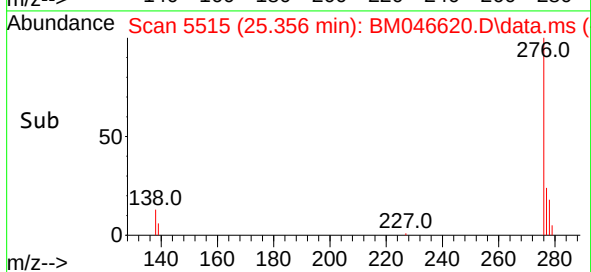
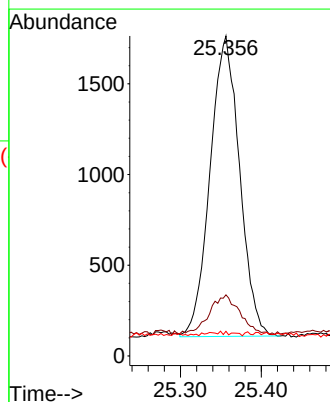
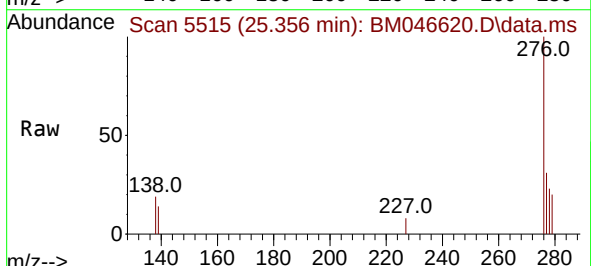
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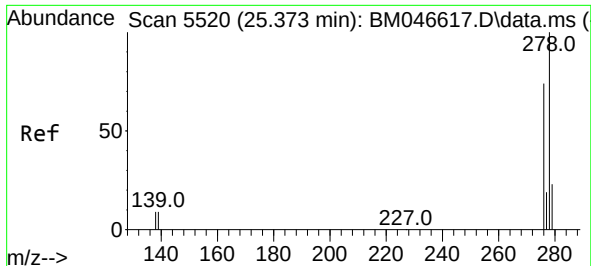
Delta R.T. -0.004 min

Lab File: BM046620.D

Acq: 16 Jul 2024 06:29

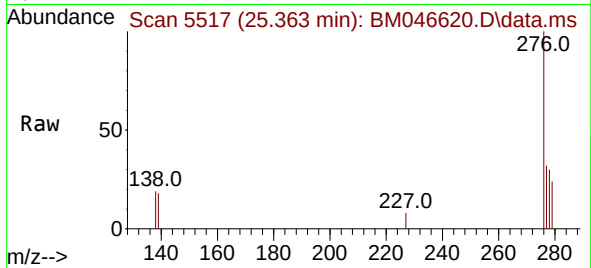
Tgt Ion:	276	Resp:	4191
Ion Ratio	Lower	Upper	
276	100		
138	13.7	0.0	0.0
227	0.6	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.363 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29

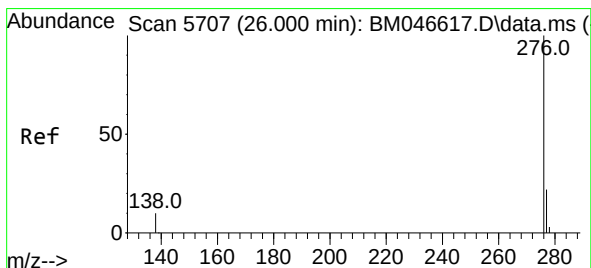
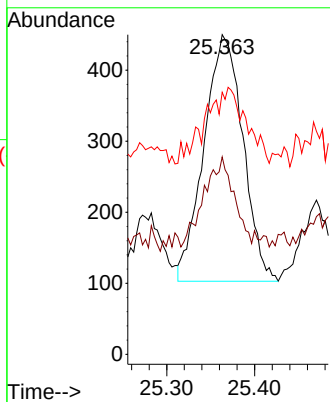
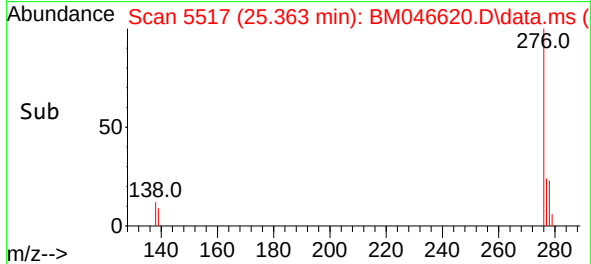
Instrument :
BNA_M
ClientSampleId :
A4CC5DL



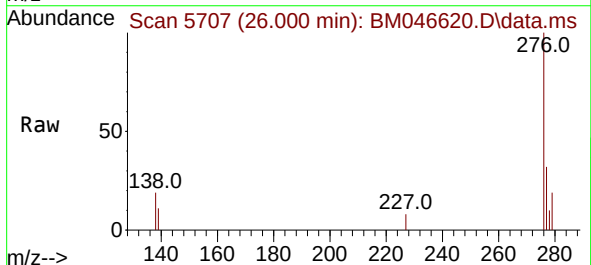
Tgt Ion:278 Resp: 106
Ion Ratio Lower Upper
278 100
139 61.8 9.1 13.7
279 82.0 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046620.D
Acq: 16 Jul 2024 06:29



Tgt Ion:276 Resp: 4021
Ion Ratio Lower Upper
276 100
138 19.1 10.2 15.4#
277 32.2 20.9 31.3#

