

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046601.D
 Acq On : 15 Jul 2024 18:13
 Operator : MA/JU
 Sample : P3035-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:24:33 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	7.506	152	3455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9452	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6535	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	14729m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	12023	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	11775m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7067	2.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3386	0.222	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	8730	0.239	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.943	178	3725	0.089	ng/ul	96
19) Fluoranthene	18.970	202	12237	0.248	ng/ul#	99
20) Pyrene	19.337	202	10041m	0.188	ng/ul	
21) Benzo(a)anthracene	21.093	228	4408	0.083	ng/ul	94
22) Chrysene	21.143	228	5724	0.111	ng/ul	96
24) Benzo(b)fluoranthene	22.618	252	8180m	0.174	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	3133m	0.068	ng/ul	
26) Benzo(a)pyrene	23.159	252	4237	0.109	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.373	276	4045	0.069	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	1040	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	26.014	276	3969	0.084	ng/ul#	85

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

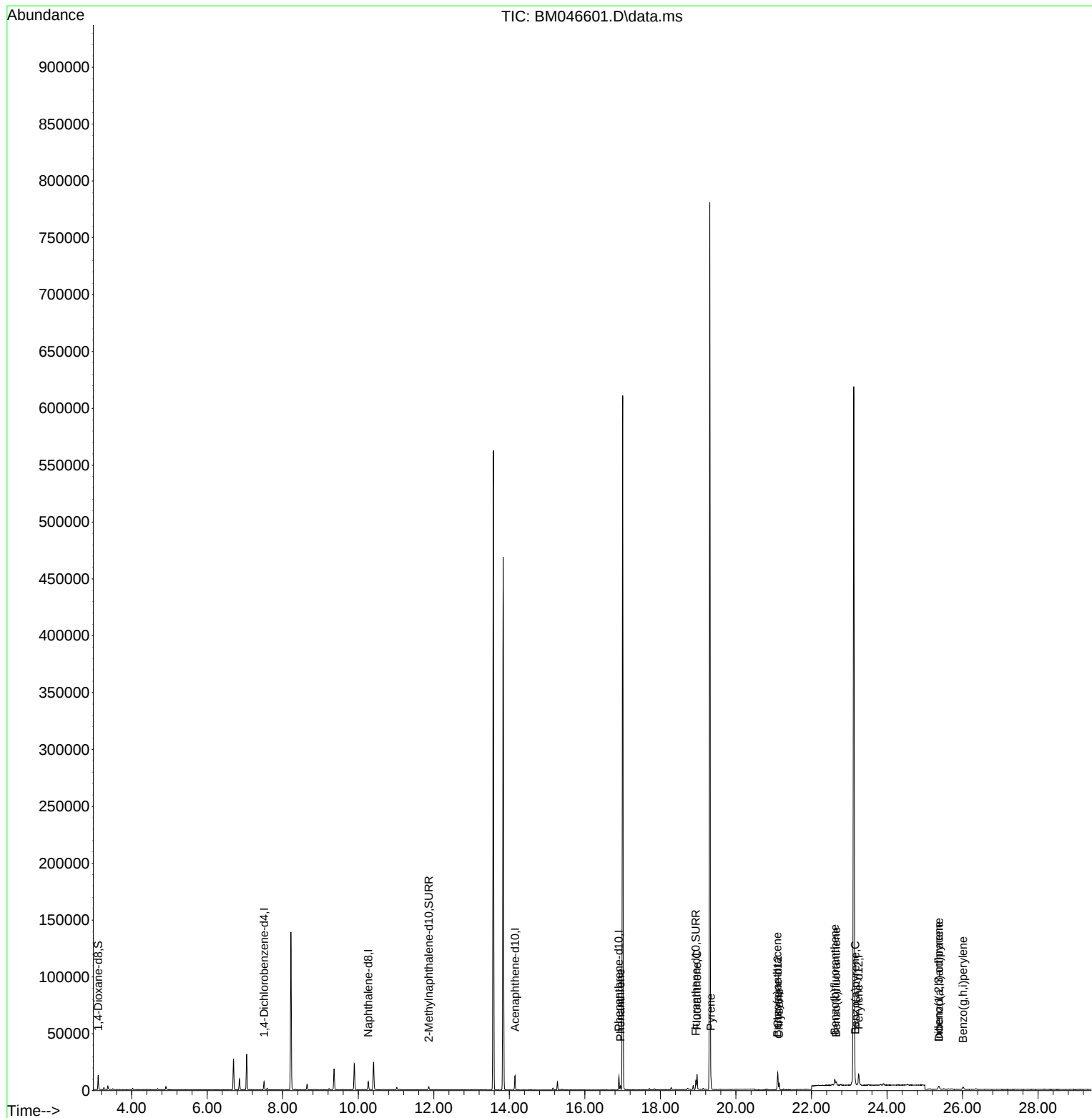
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046601.D
Acq On : 15 Jul 2024 18:13
Operator : MA/JU
Sample : P3035-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

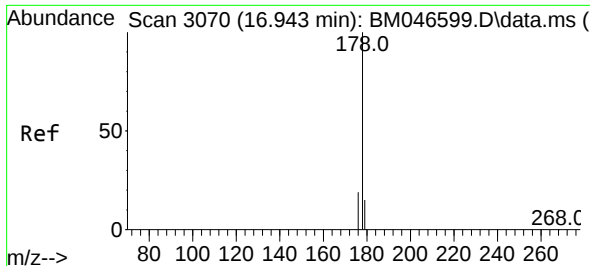
Instrument :
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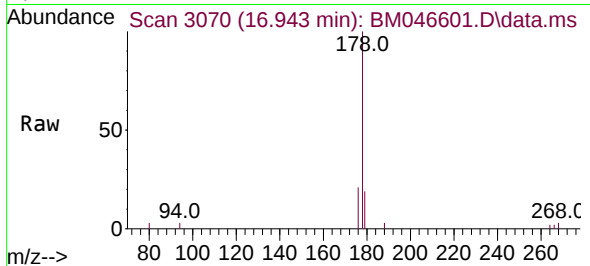
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.089 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

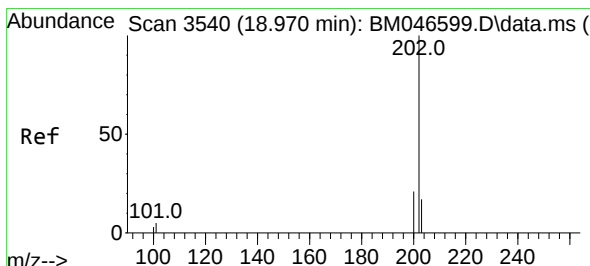
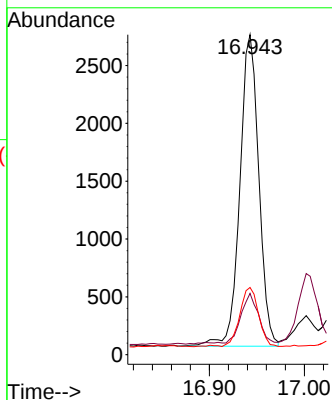
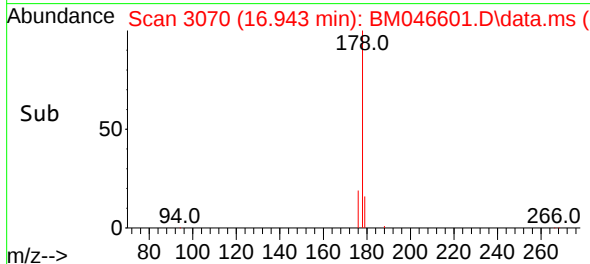
Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion:178 Resp: 3725
Ion Ratio Lower Upper
178 100
179 19.2 13.1 19.7
176 21.0 16.0 24.0

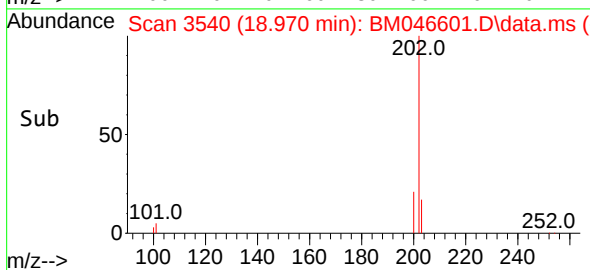
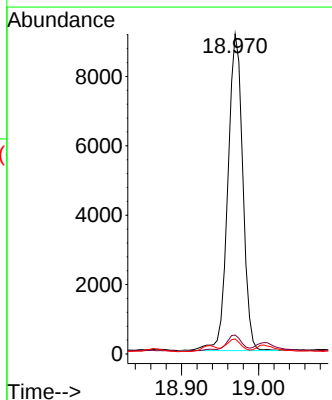
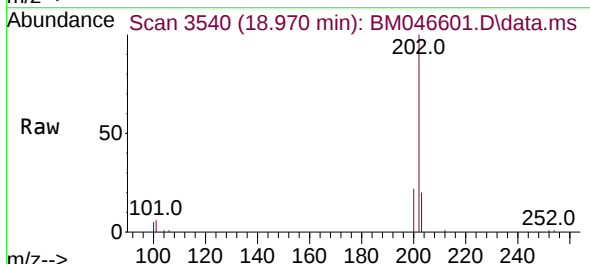
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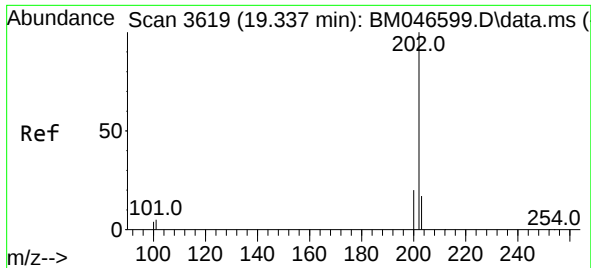
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#19
Fluoranthene
Concen: 0.248 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

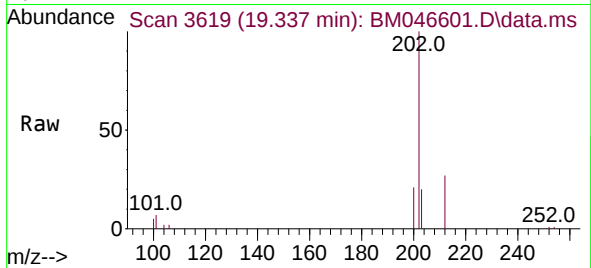
Tgt Ion:202 Resp: 12237
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.7 3.0 4.6#





#20
Pyrene
Concen: 0.188 ng/ul m
RT: 19.337 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

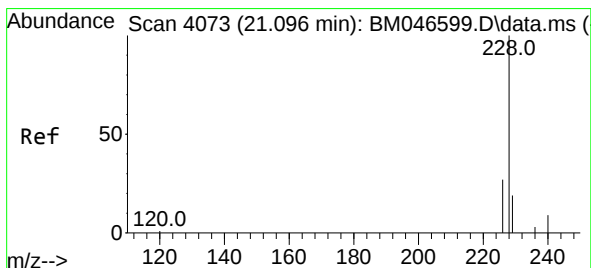
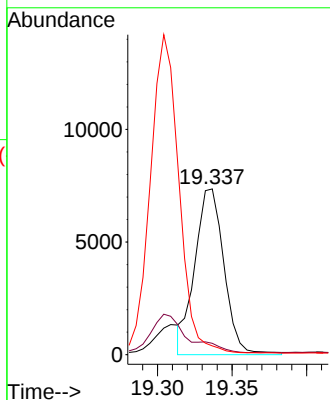
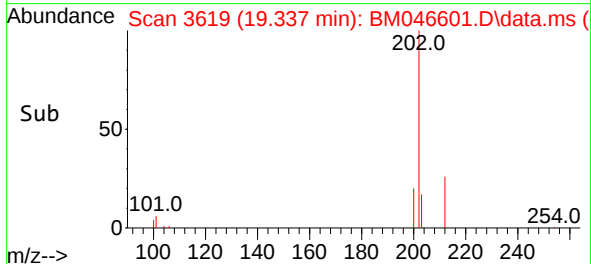
Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion:202 Resp: 1004
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.3 3.8 5.6

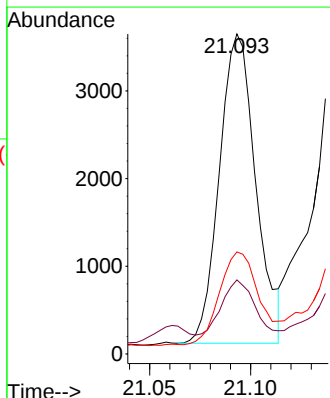
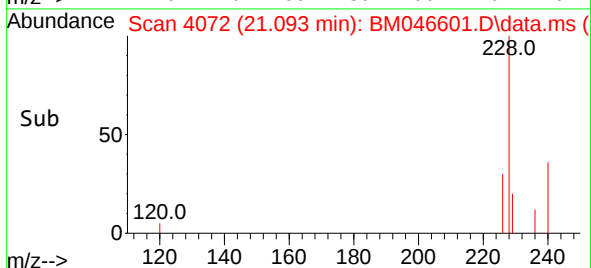
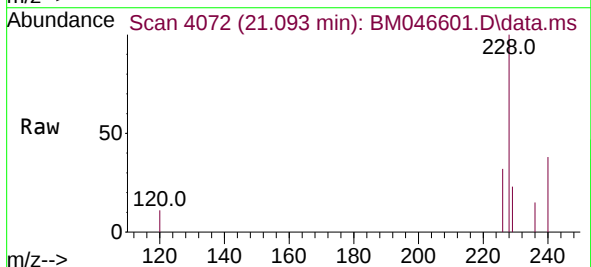
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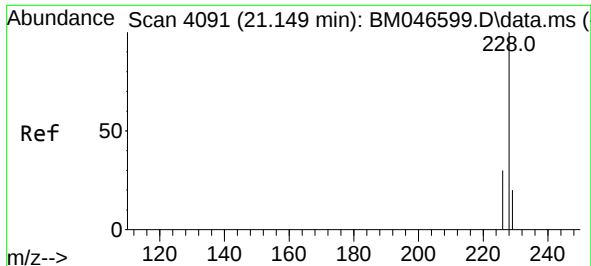
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. 0.005 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

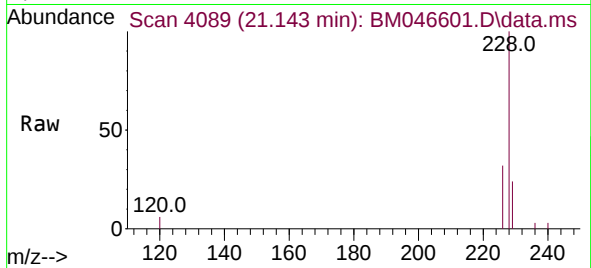
Tgt Ion:228 Resp: 4408
Ion Ratio Lower Upper
228 100
229 23.2 16.5 24.7
226 31.9 22.5 33.7





#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.143 min Scan# 4091
Delta R.T. 0.003 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

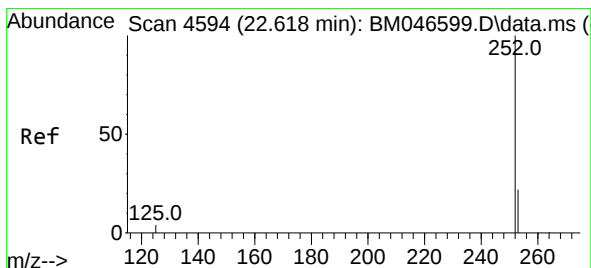
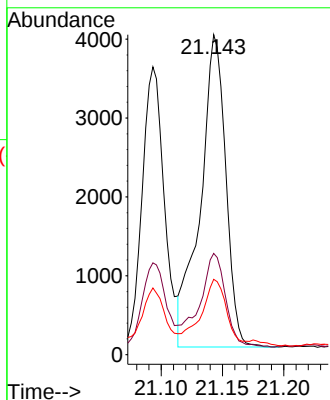
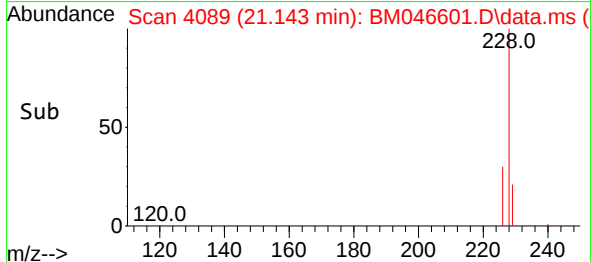
Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion:228 Resp: 5724
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 23.6 16.4 24.6

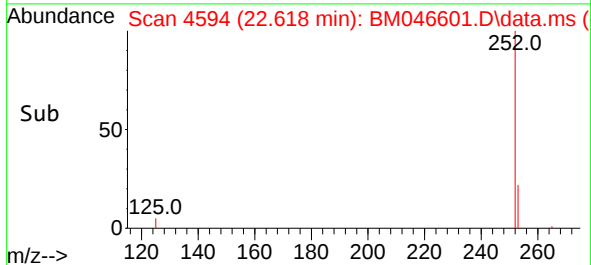
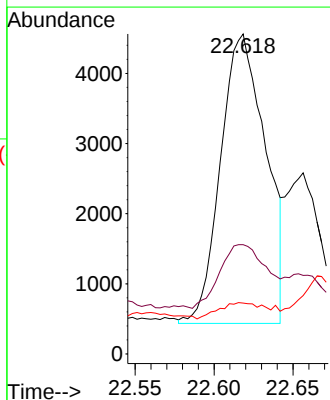
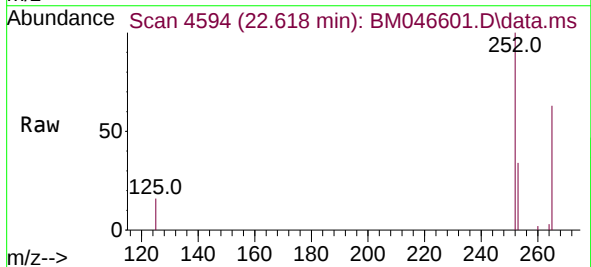
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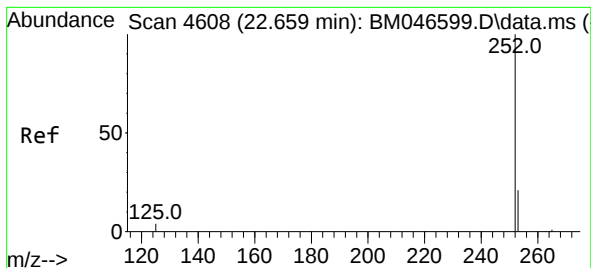
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.174 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Tgt Ion:252 Resp: 8180
Ion Ratio Lower Upper
252 100
253 34.2 0.0 56.2
125 15.9 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.068 ng/ul m

RT: 22.656 min Scan# 4

Delta R.T. 0.005 min

Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

Instrument :

BNA_M

ClientSampleId :

A4CX5

Tgt Ion:252 Resp: 313

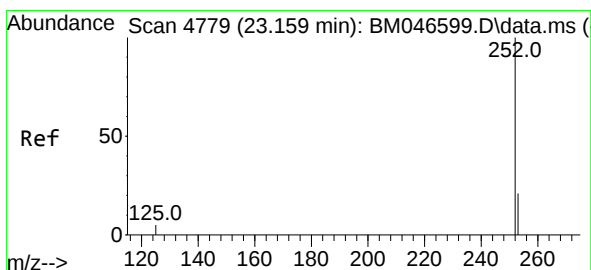
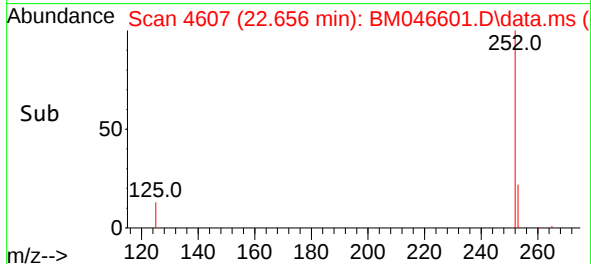
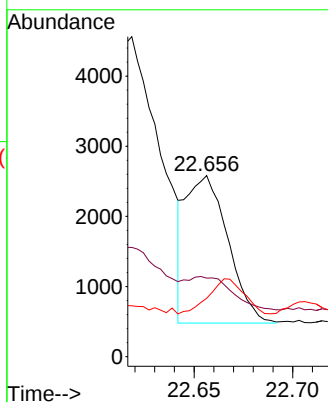
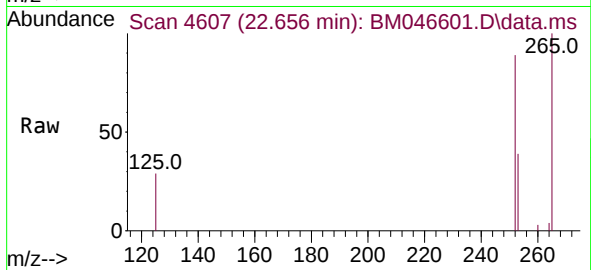
Ion	Ratio	Lower	Upper
252	100		
253	43.4	22.4	33.6
125	32.2	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#26

Benzo(a)pyrene

Concen: 0.109 ng/ul

RT: 23.159 min Scan# 4779

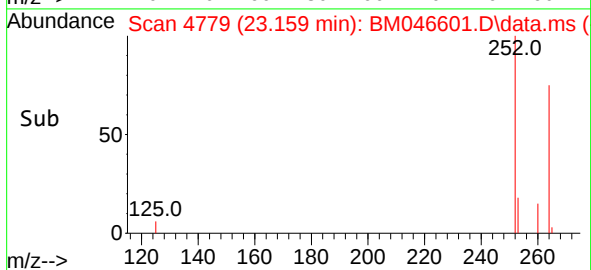
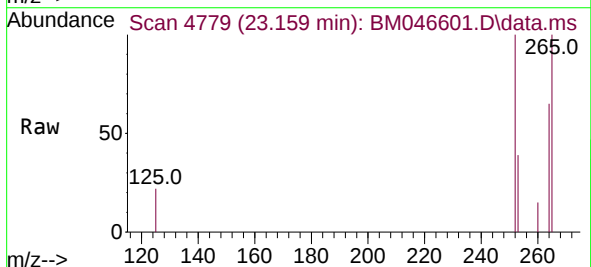
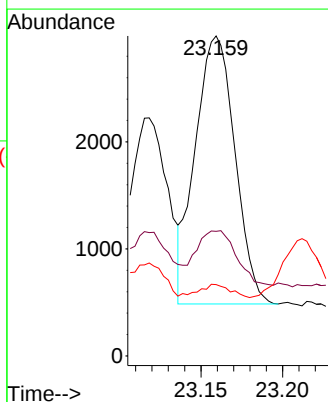
Delta R.T. 0.008 min

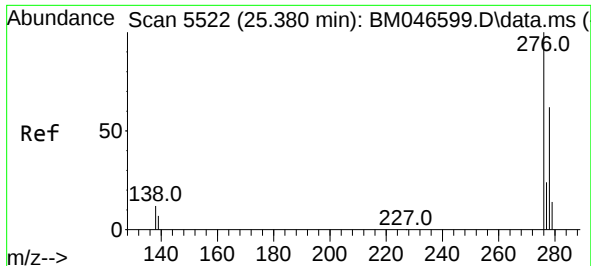
Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

Tgt Ion:252 Resp: 4237

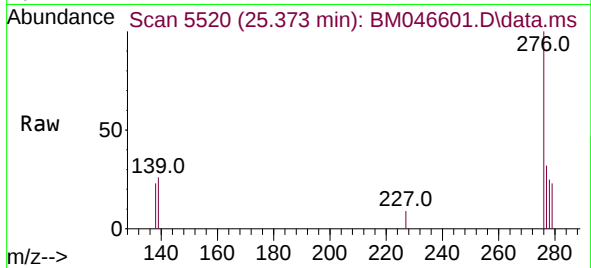
Ion	Ratio	Lower	Upper
252	100		
253	39.0	24.0	36.0#
125	22.3	8.2	12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.373 min Scan# 5522
Delta R.T. 0.013 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

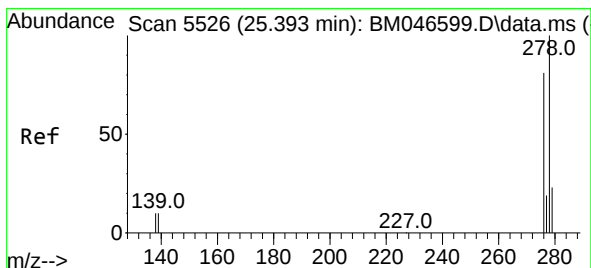
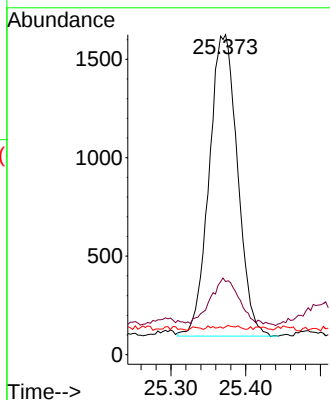
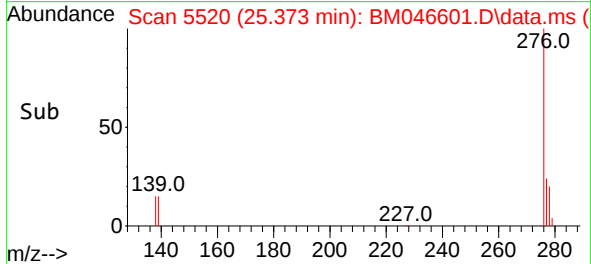
Instrument :
BNA_M
ClientSampleId :
A4CX5



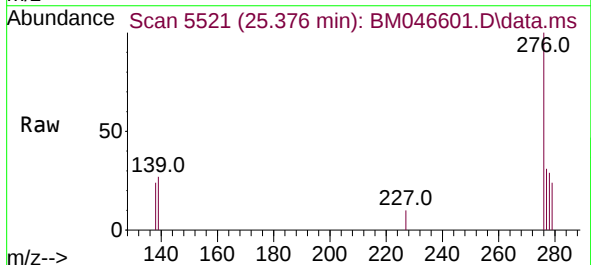
Tgt Ion: 276 Resp: 404
Ion Ratio Lower Upper
276 100
138 16.4 0.0 0.0#
227 0.5 0.2 0.2#

Manual Integrations
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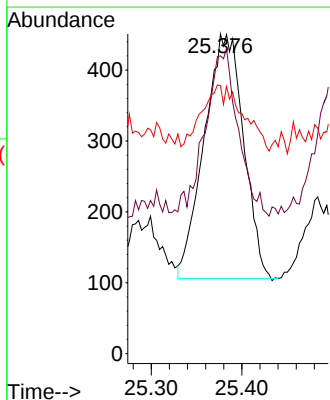
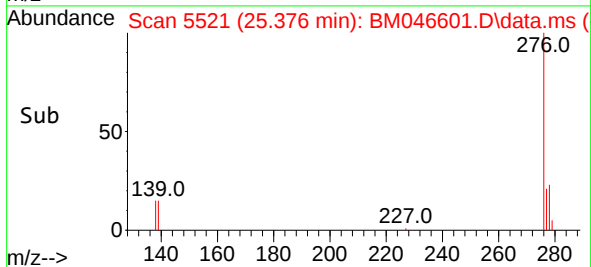
Reviewed By :Yogesh Patel 07/16/2024
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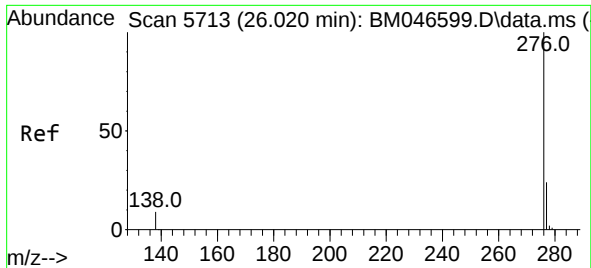


#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. -0.007 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13



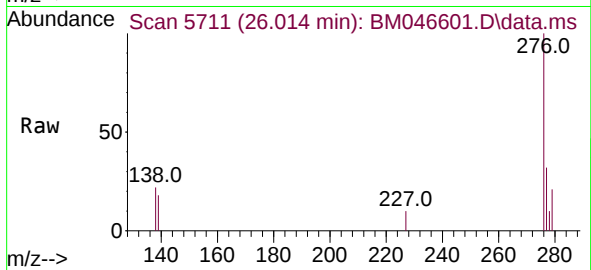
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Ion Ratio Lower Upper
278 100
139 93.1 9.1 13.7#
279 83.8 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.014 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion: 276 Resp: 3969
Ion Ratio Lower Upper
276 100
138 21.7 10.2 15.4
277 32.0 20.9 31.3

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/18/2024

