

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046518.D
 Acq On : 11 Jul 2024 15:22
 Operator : MA/JU
 Sample : P3035-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:21:36 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 : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	7937	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.158	164	5260	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	11693m	0.400	ng/ul	0.00
17) Chrysene-d12	21.120	240	9961	0.400	ng/ul	0.00
23) Perylene-d12	23.265	264	10380m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	6850	2.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	2676	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	6773	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.950	178	2961	0.089	ng/ul	93
19) Fluoranthene	18.978	202	9553	0.233	ng/ul#	98
20) Pyrene	19.345	202	7771m	0.175	ng/ul	
21) Benzo(a)anthracene	21.102	228	3735	0.085	ng/ul	93
22) Chrysene	21.155	228	4806	0.113	ng/ul	96
24) Benzo(b)fluoranthene	22.631	252	7204m	0.174	ng/ul	
25) Benzo(k)fluoranthene	22.669	252	2387m	0.059	ng/ul	
26) Benzo(a)pyrene	23.174	252	3846	0.113	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.387	276	3677	0.071	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.397	278	945	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.031	276	3694	0.089	ng/ul#	85

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

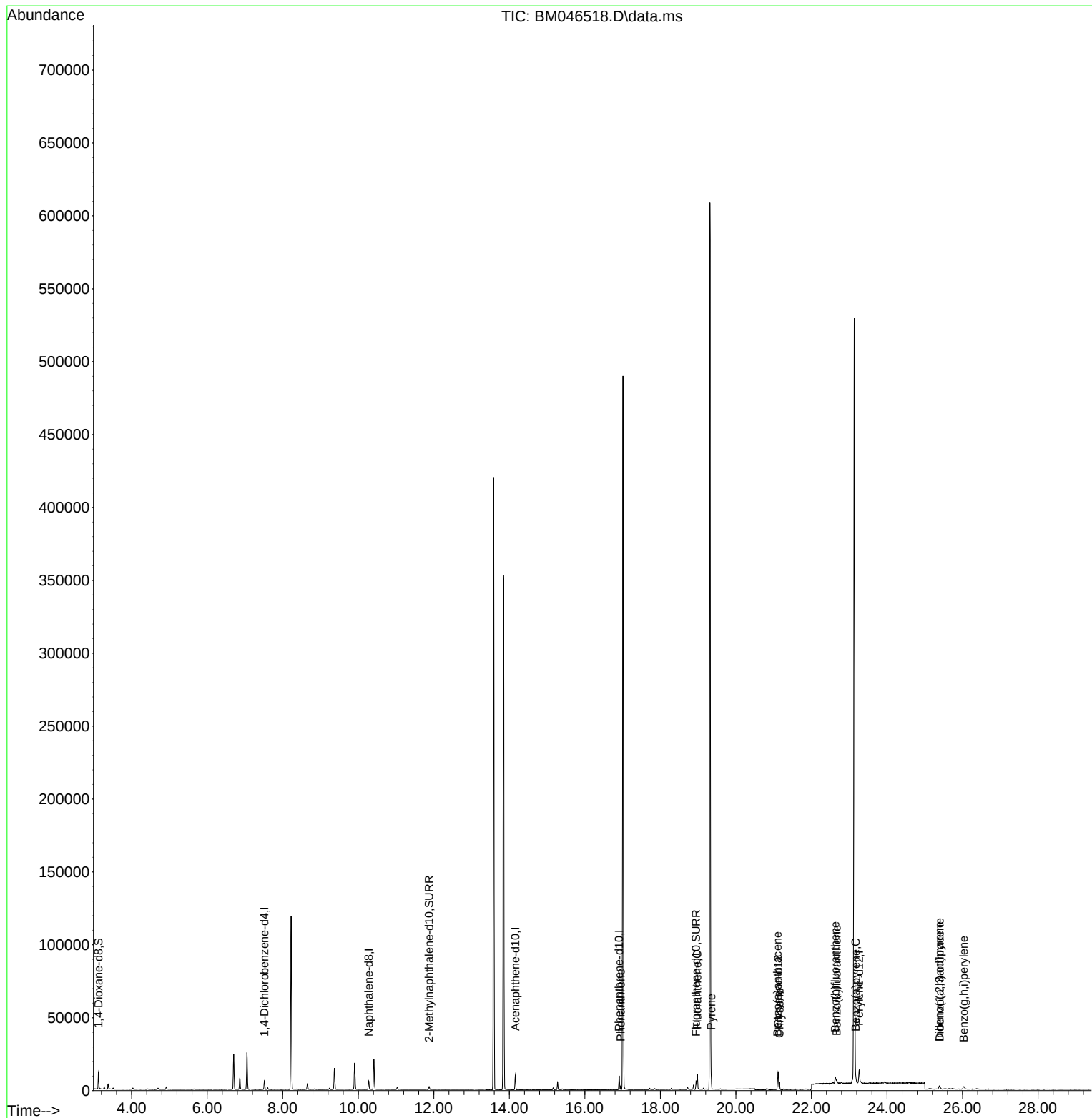
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046518.D
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Sample : P3035-17
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ALS Vial : 11 Sample Multiplier: 1

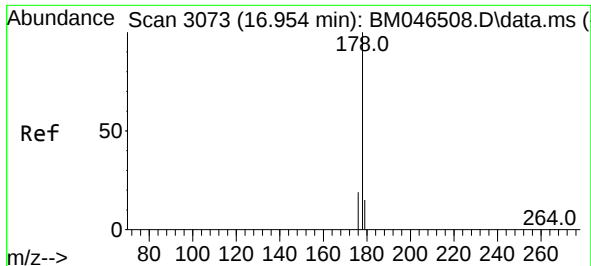
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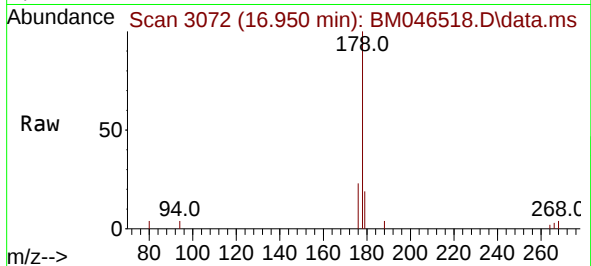
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.089 ng/ul
RT: 16.950 min Scan# 3073
Delta R.T. -0.004 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

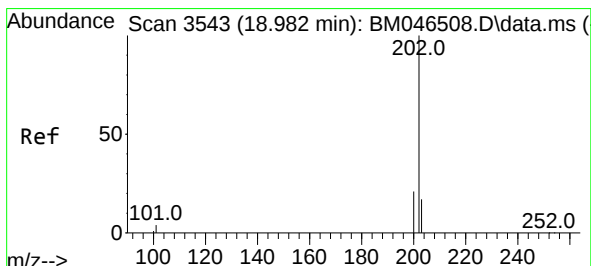
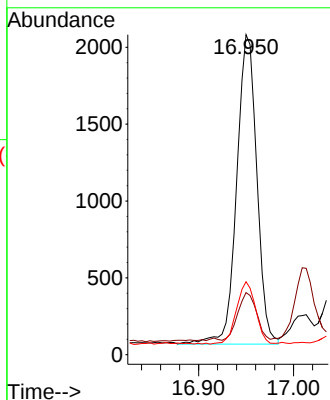
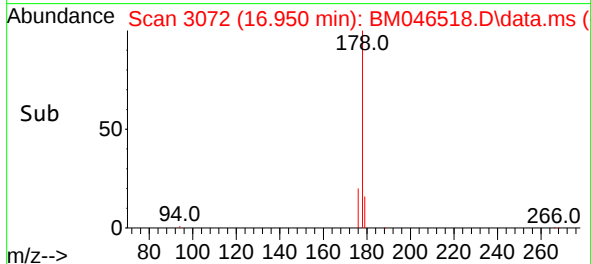
Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion:178 Resp: 2963
Ion Ratio Lower Upper
178 100
179 19.4 13.1 19.7
176 22.8 16.0 24.0

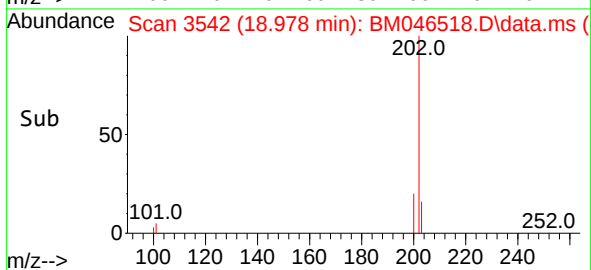
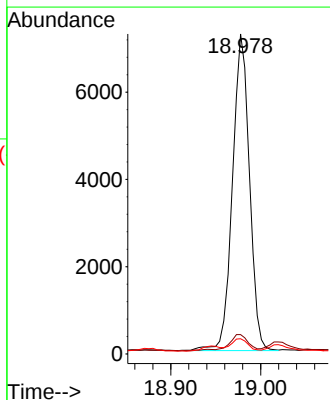
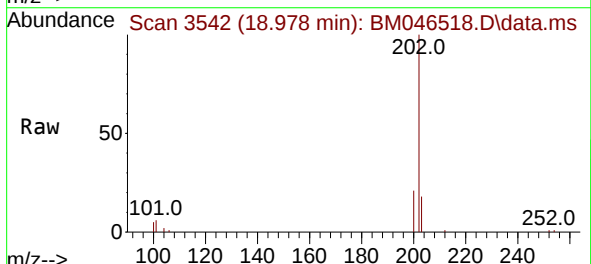
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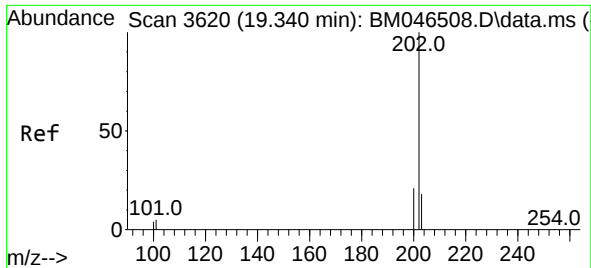
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#19
Fluoranthene
Concen: 0.233 ng/ul
RT: 18.978 min Scan# 3542
Delta R.T. -0.005 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

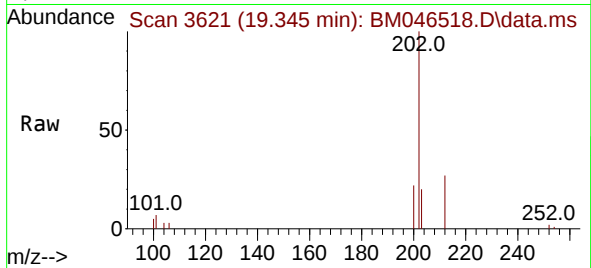
Tgt Ion:202 Resp: 9553
Ion Ratio Lower Upper
202 100
101 6.0 4.6 6.8
100 4.7 3.0 4.6#





#20
Pyrene
Concen: 0.175 ng/ul m
RT: 19.345 min Scan# 3621
Delta R.T. 0.005 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

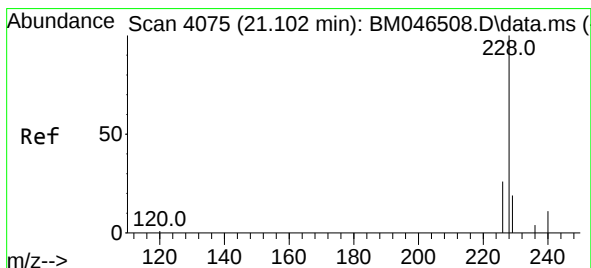
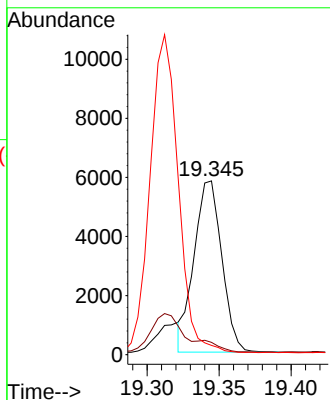
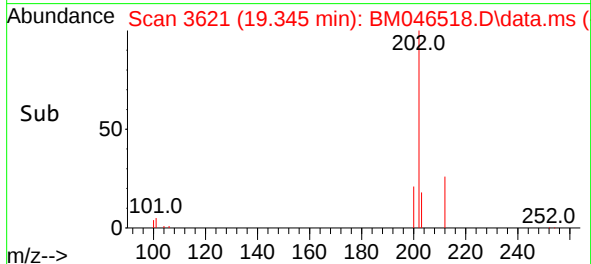
Instrument :
BNA_M
ClientSampleId :
A4CX5



Tgt Ion:202 Resp: 777
Ion Ratio Lower Upper
202 100
101 7.1 5.1 7.7
100 5.3 3.8 5.6

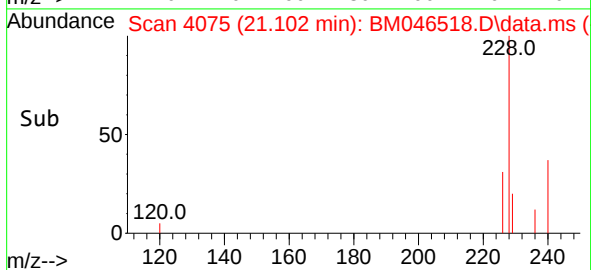
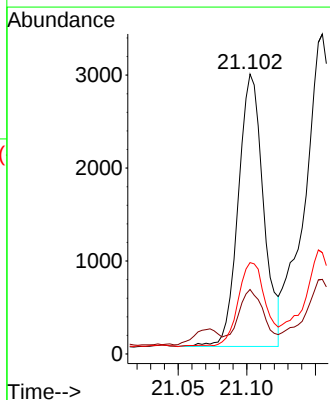
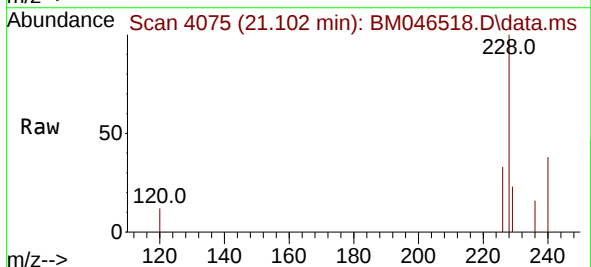
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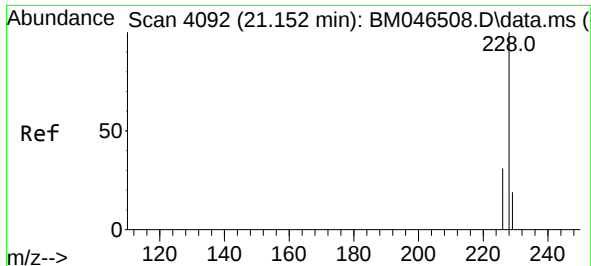
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. 0.000 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

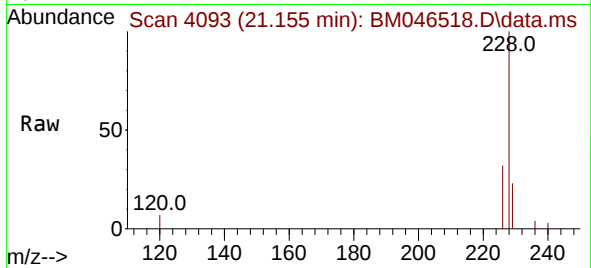
Tgt Ion:228 Resp: 3735
Ion Ratio Lower Upper
228 100
229 23.0 16.5 24.7
226 32.6 22.5 33.7





#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. 0.003 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

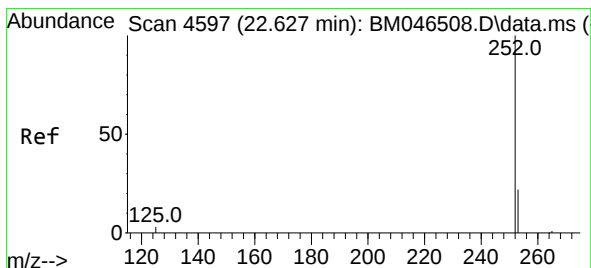
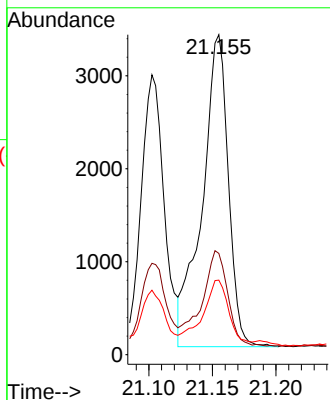
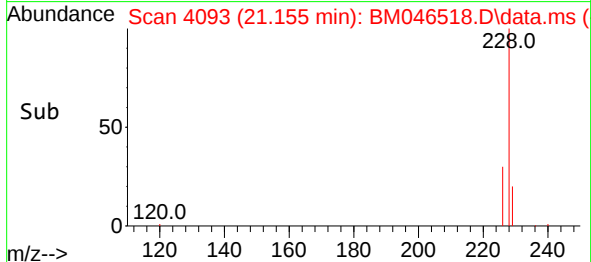
Instrument :
BNA_M
ClientSampleId :
A4CX5



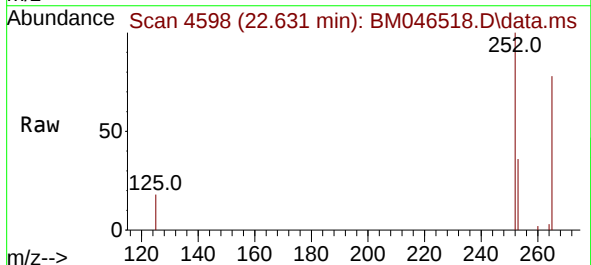
Tgt Ion:228 Resp: 4800
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 23.3 16.4 24.6

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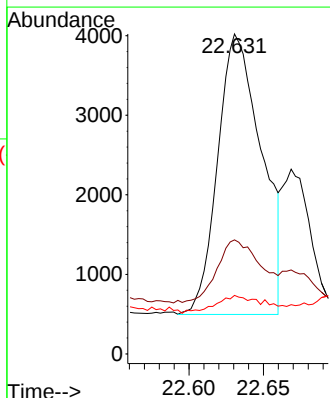
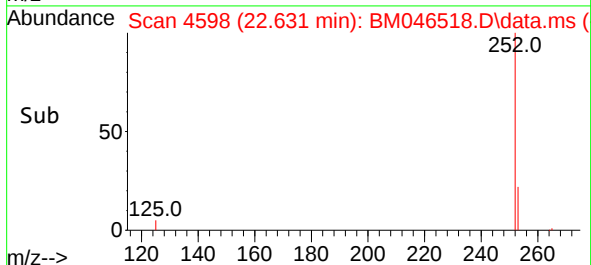
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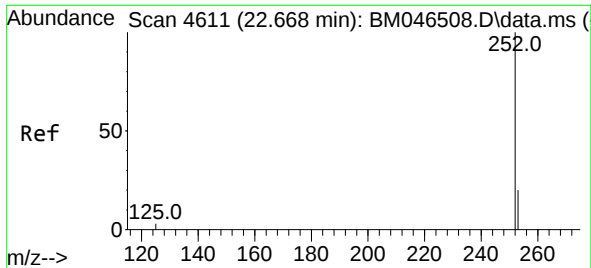


#24
Benzo(b)fluoranthene
Concen: 0.174 ng/ul m
RT: 22.631 min Scan# 4598
Delta R.T. 0.003 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22



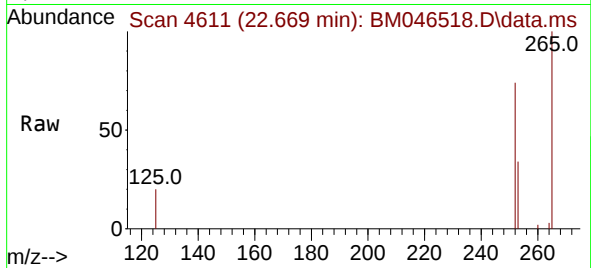
Tgt Ion:252 Resp: 7204
Ion Ratio Lower Upper
252 100
253 35.6 0.0 56.2
125 18.3 0.0 17.8#





#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.669 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

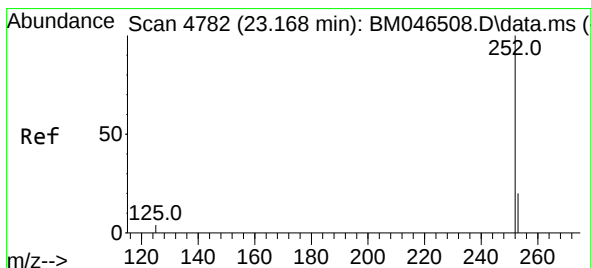
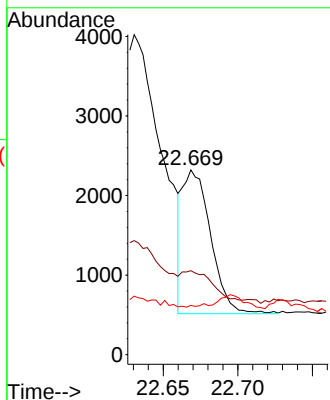
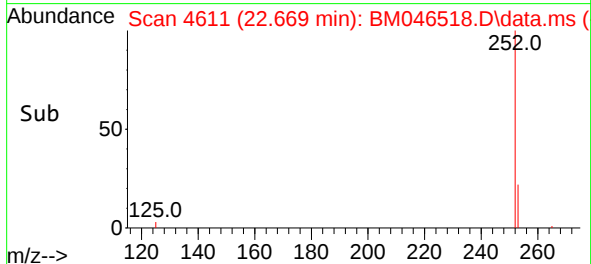
Instrument :
BNA_M
ClientSampleId :
A4CX5



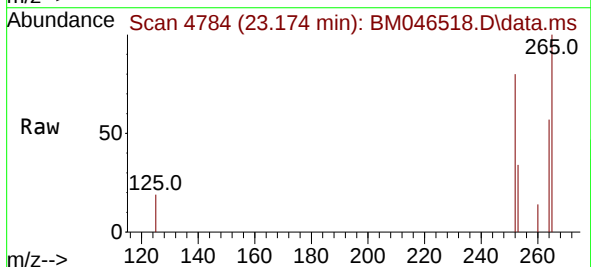
Tgt Ion:252 Resp: 2385
Ion Ratio Lower Upper
252 100
253 45.5 22.4 33.6
125 26.7 7.0 10.4

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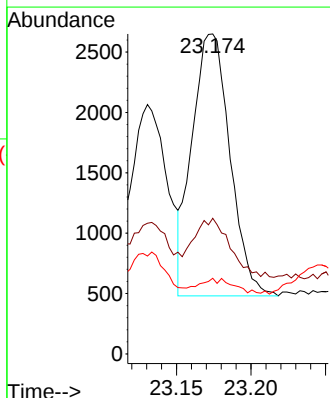
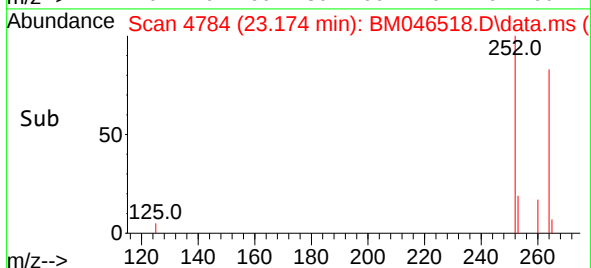
Reviewed By :Jagrut Upadhyay 07/12/2024
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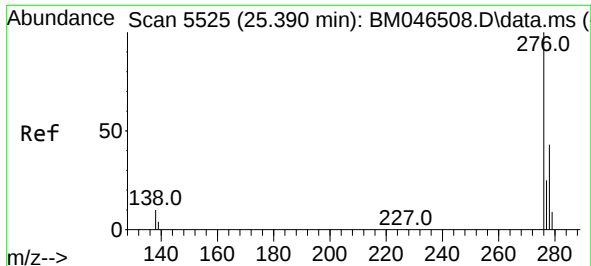


#26
Benzo(a)pyrene
Concen: 0.113 ng/ul
RT: 23.174 min Scan# 4784
Delta R.T. 0.006 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22



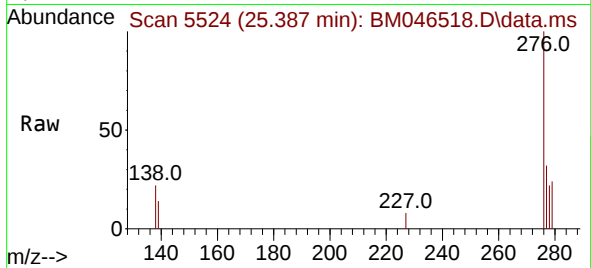
Tgt Ion:252 Resp: 3846
Ion Ratio Lower Upper
252 100
253 42.4 24.0 36.0#
125 23.7 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 25.387 min Scan# 5524
Delta R.T. -0.003 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

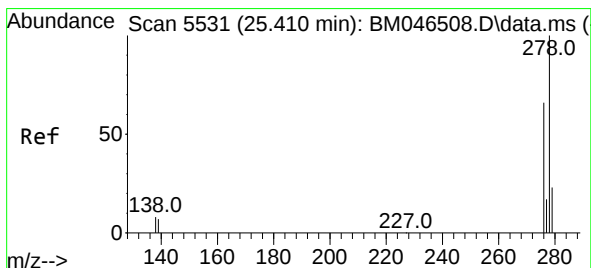
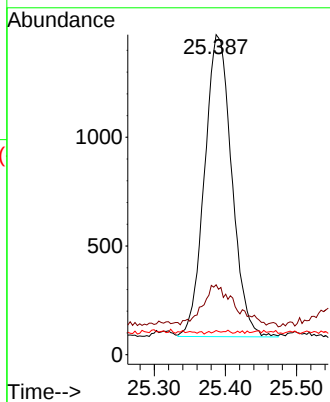
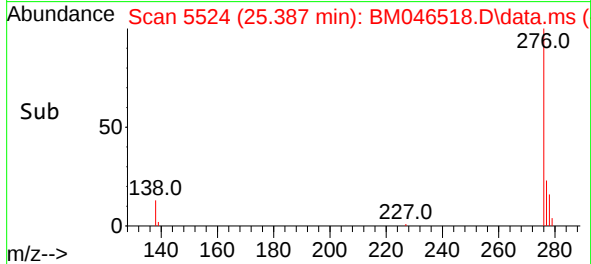
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ClientSampleId :
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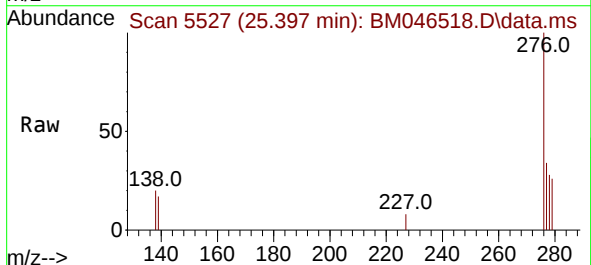
Tgt Ion:276 Resp: 367
Ion Ratio Lower Upper
276 100
138 15.6 0.0 0.0#
227 0.2 0.2 0.2#

Manual Integrations
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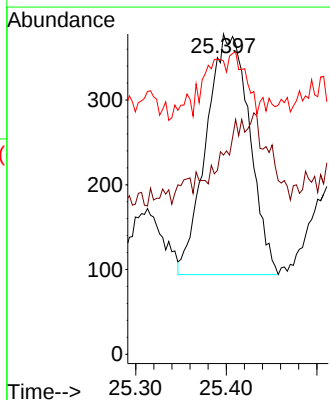
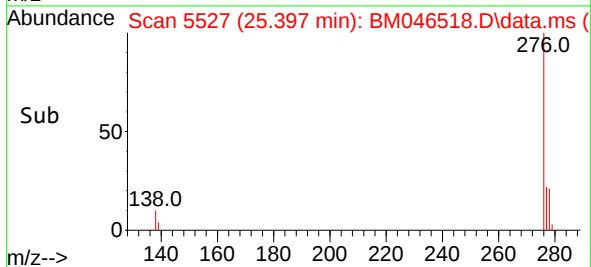
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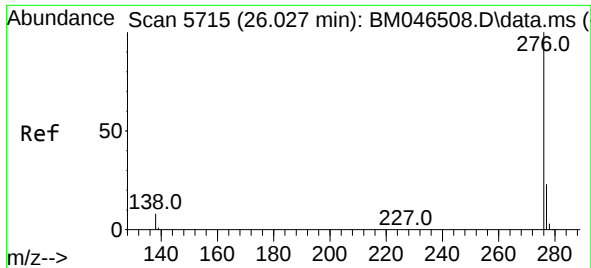


#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.397 min Scan# 5527
Delta R.T. -0.013 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22



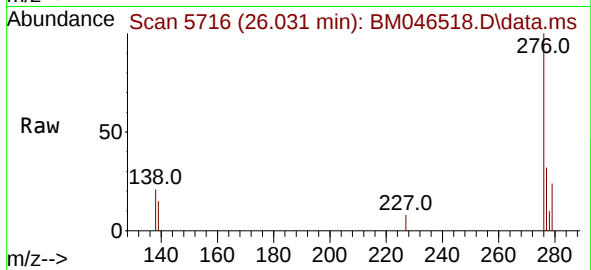
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Ion Ratio Lower Upper
278 100
139 62.2 9.1 13.7#
279 91.5 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 26.031 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 3694
Ion Ratio Lower Upper
276 100
138 21.1 10.2 15.4
277 32.0 20.9 31.3

Manual Integrations
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Supervised By :mohammad ahmed 07/13/2024

