

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046638.D
 Acq On : 16 Jul 2024 18:13
 Operator : MA/JU
 Sample : P3177-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS4

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 00:39:01 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	2521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7211	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	5027	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	11009	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	8714	0.400	ng/ul	# 0.00
23) Perylene-d12	23.250	264	8998	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	4426	2.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	1915	0.165	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	4800	0.181	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.309	128	711	0.039	ng/ul#	76
7) 2-Methylnaphthalene	11.937	142	426	0.033	ng/ul	98
8) 1-Methylnaphthalene	12.157	142	411	0.031	ng/ul	96
10) Acenaphthylene	13.864	152	984	0.043	ng/ul#	76
11) Acenaphthene	14.211	153	2077	0.135	ng/ul	98
12) Fluorene	15.205	166	2578	0.136	ng/ul	97
15) Phenanthrene	16.943	178	34843	1.109	ng/ul	99
16) Anthracene	17.031	178	8603	0.281	ng/ul	99
19) Fluoranthene	18.969	202	43217	1.207	ng/ul	100
20) Pyrene	19.332	202	37066	0.956	ng/ul	99
21) Benzo(a)anthracene	21.093	228	17799	0.462	ng/ul	96
22) Chrysene	21.143	228	17033	0.457	ng/ul	96
24) Benzo(b)fluoranthene	22.615	252	19889m	0.553	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	6717m	0.190	ng/ul	
26) Benzo(a)pyrene	23.156	252	13245	0.448	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.369	276	9468	0.210	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	2533	0.071	ng/ul#	21
29) Benzo(g,h,i)perylene	26.013	276	8940	0.249	ng/ul#	91

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

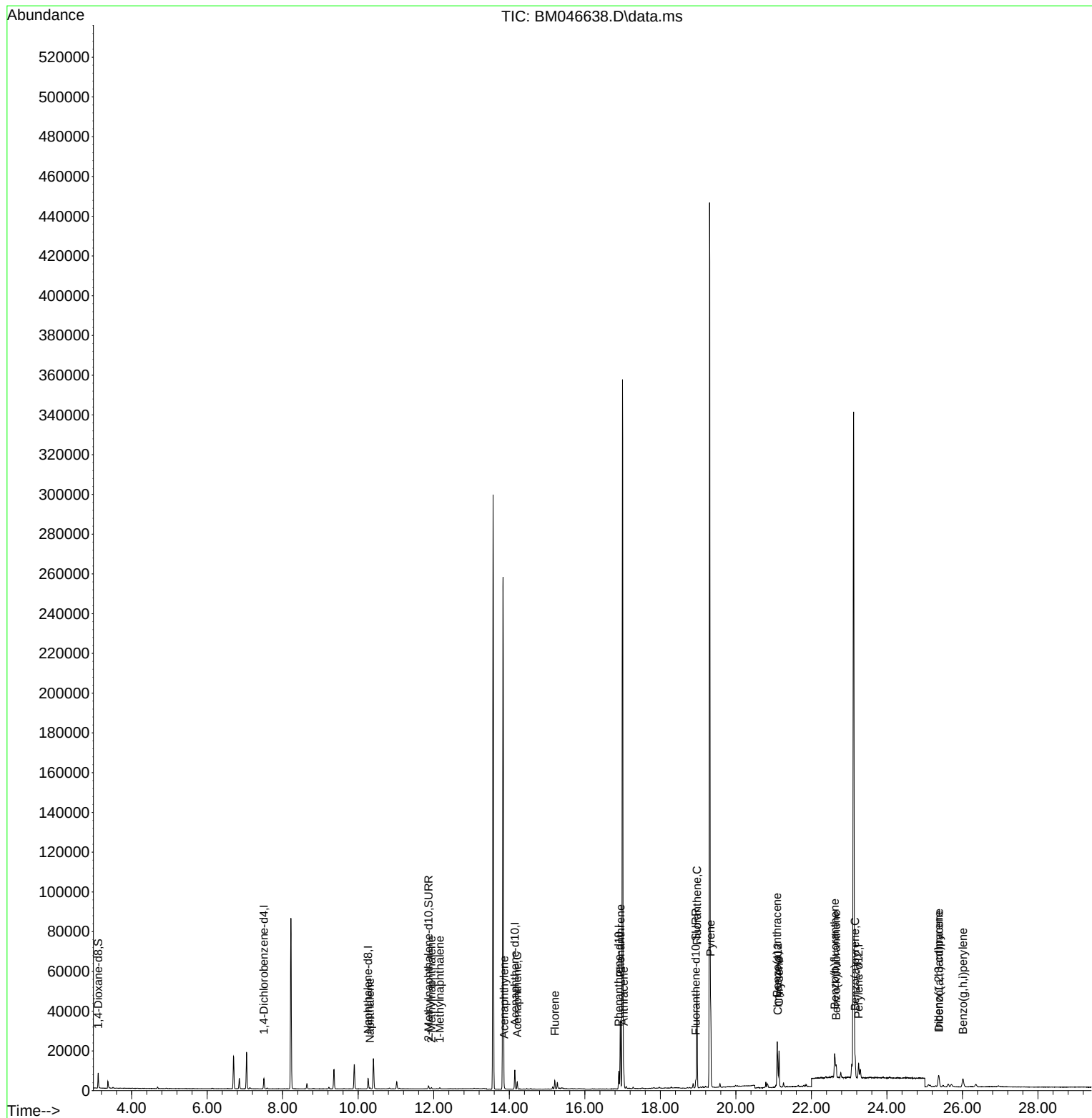
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046638.D
Acq On : 16 Jul 2024 18:13
Operator : MA/JU
Sample : P3177-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

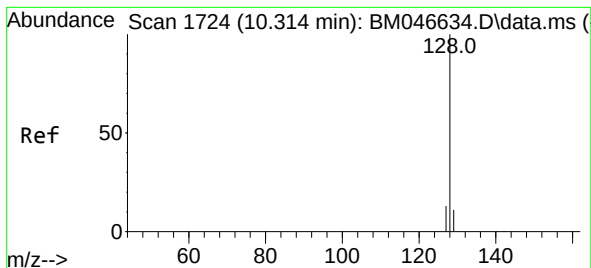
Instrument :
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A4BS4

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Quant Time: Jul 17 00:39:01 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





#5

Naphthalene

Concen: 0.039 ng/ul

RT: 10.309 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BM046638.D

Acq: 16 Jul 2024 18:13

Instrument :

BNA_M

ClientSampleId :

A4BS4

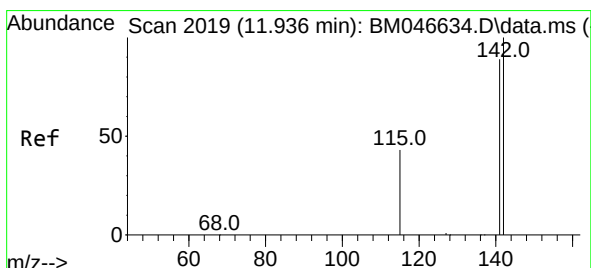
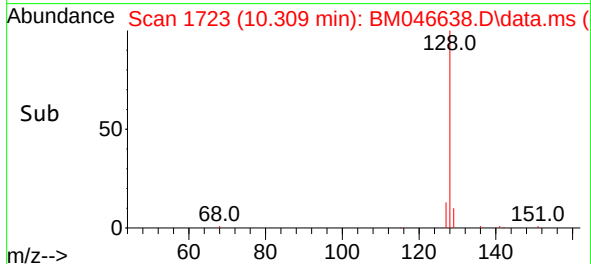
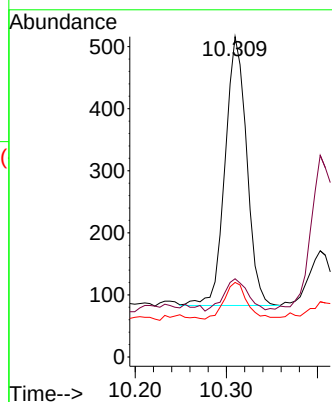
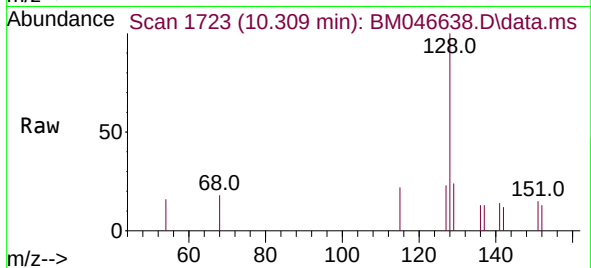
Tgt Ion:128	Resp:	71
Ion Ratio	Lower	Upper
128	100	
129	24.4	10.3 15.5
127	23.3	12.2 18.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

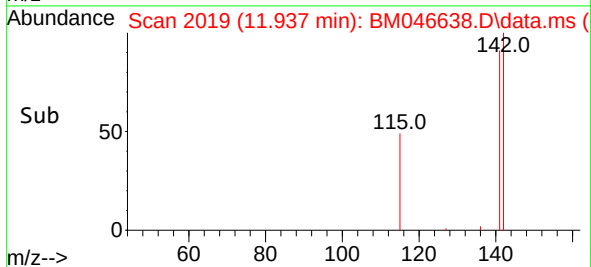
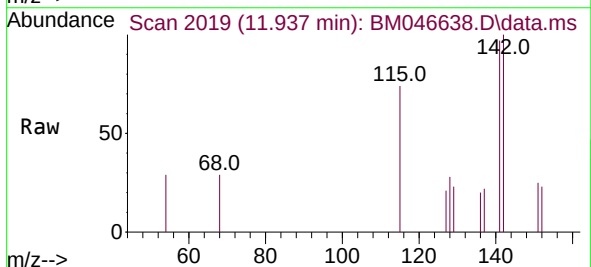
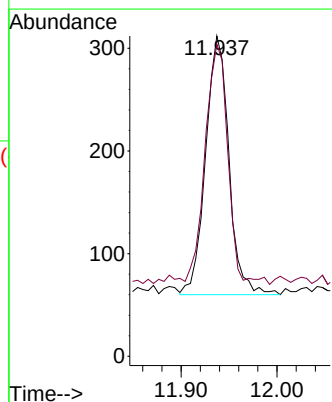
RT: 11.937 min Scan# 2019

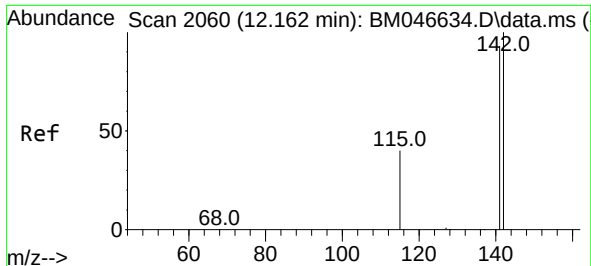
Delta R.T. -0.006 min

Lab File: BM046638.D

Acq: 16 Jul 2024 18:13

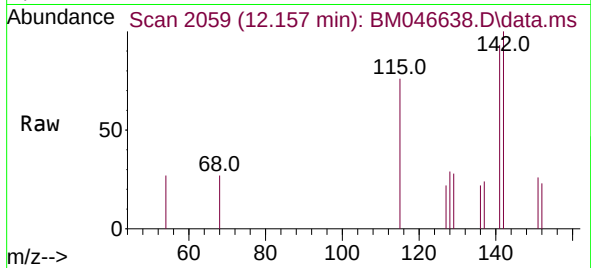
Tgt Ion:142	Resp:	426
Ion Ratio	Lower	Upper
142	100	
141	90.1	70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

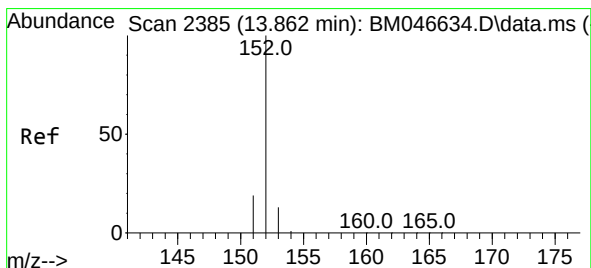
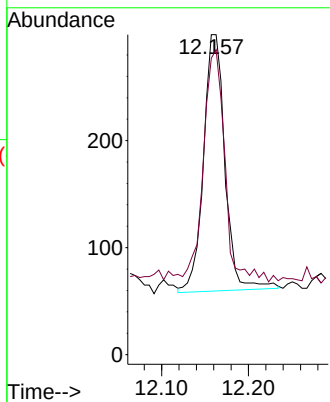
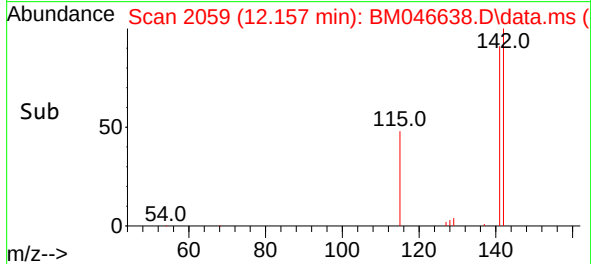
Instrument :
BNA_M
ClientSampleId :
A4BS4



Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
141 89.1 73.9 110.9

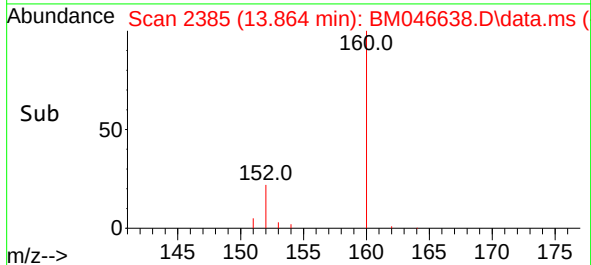
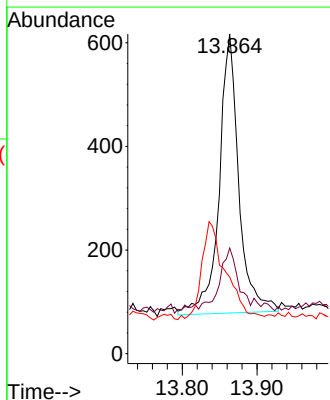
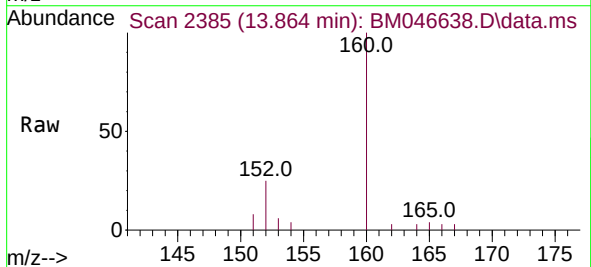
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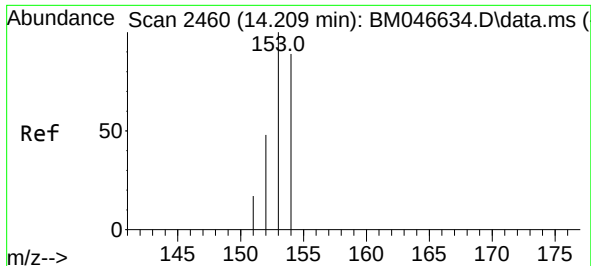
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

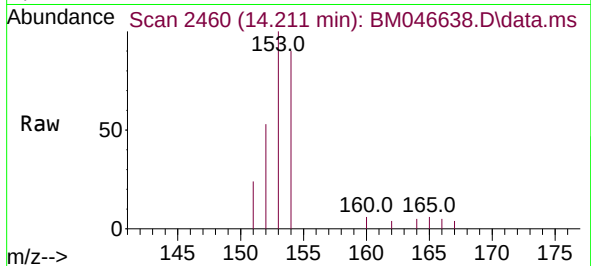
Tgt Ion:152 Resp: 984
Ion Ratio Lower Upper
152 100
151 33.1 16.4 24.6#
153 24.0 12.4 18.6#





#11
Acenaphthene
Concen: 0.135 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

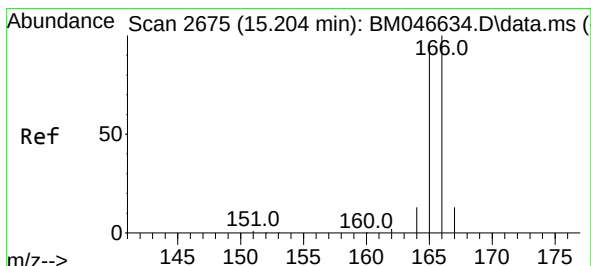
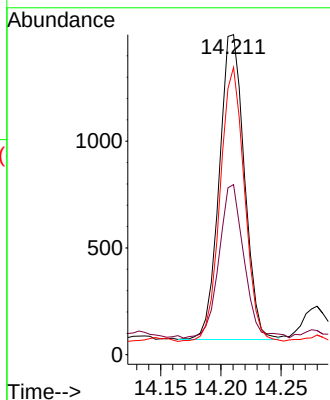
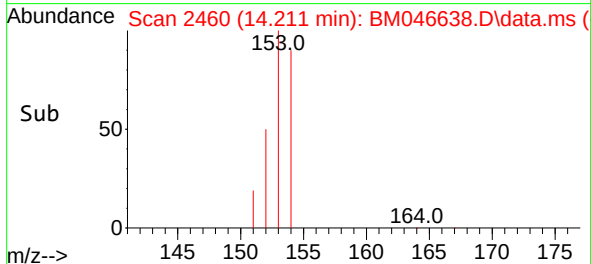
Instrument :
BNA_M
ClientSampleId :
A4BS4



Tgt Ion:153 Resp: 207
Ion Ratio Lower Upper
153 100
152 53.2 43.0 64.6
154 89.8 69.9 104.9

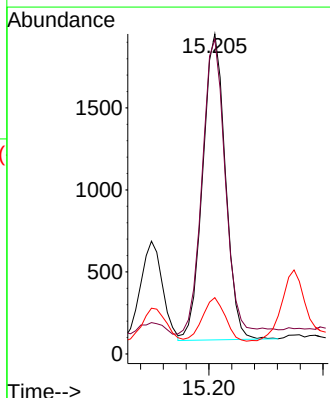
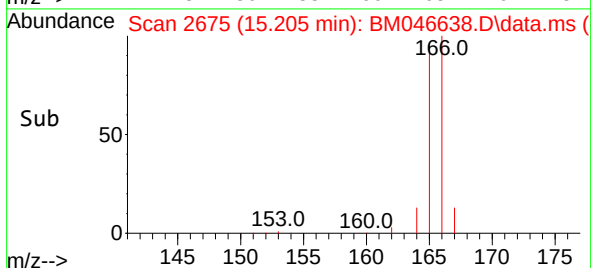
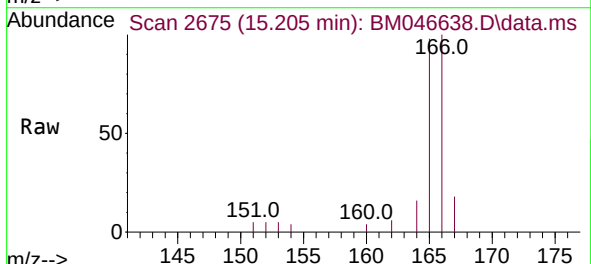
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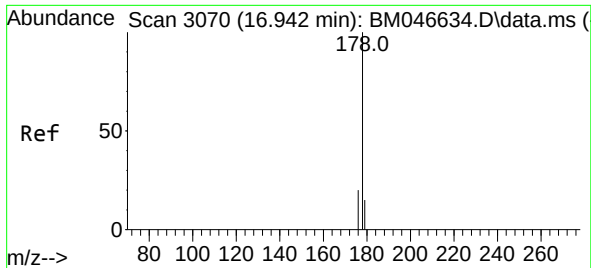
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

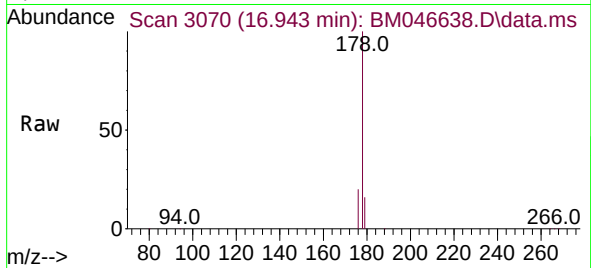
Tgt Ion:166 Resp: 2578
Ion Ratio Lower Upper
166 100
165 98.3 76.1 114.1
167 17.6 12.5 18.7





#15
Phenanthrene
Concen: 1.109 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

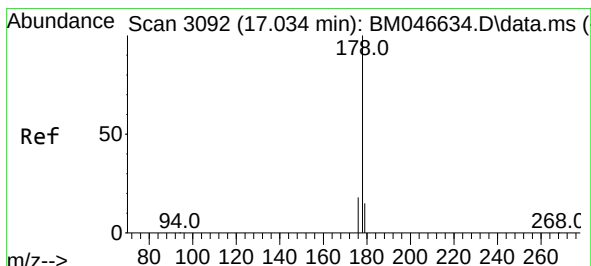
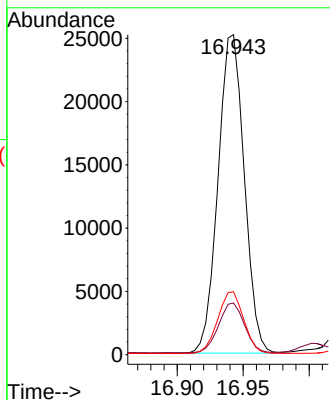
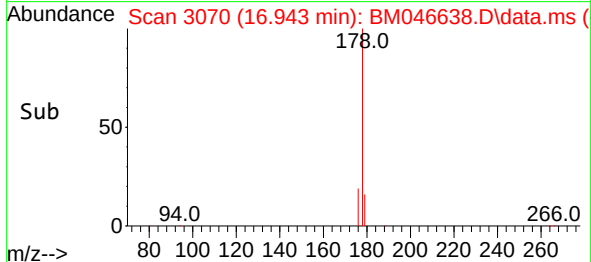
Instrument :
BNA_M
ClientSampleId :
A4BS4



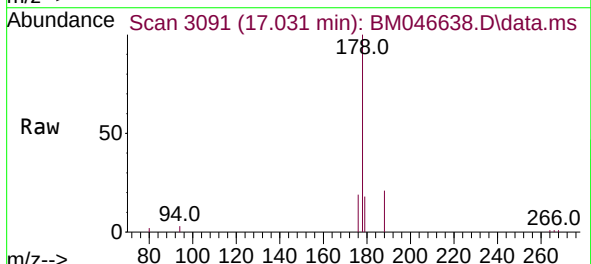
Tgt Ion:178 Resp: 3484
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.6 16.0 24.0

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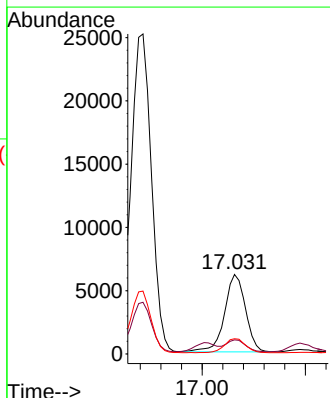
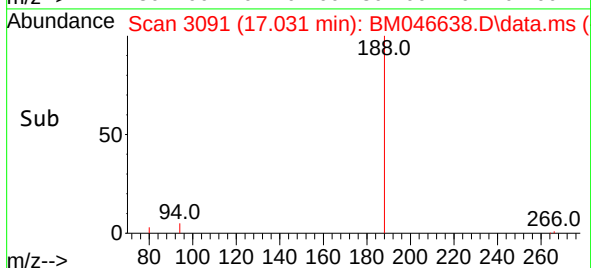
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

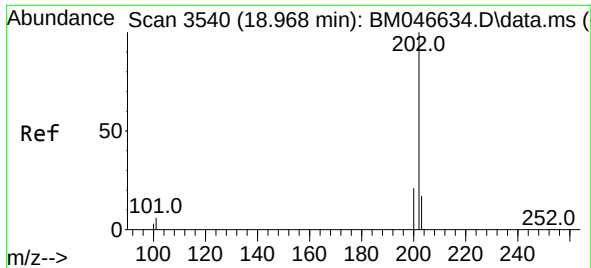


#16
Anthracene
Concen: 0.281 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13



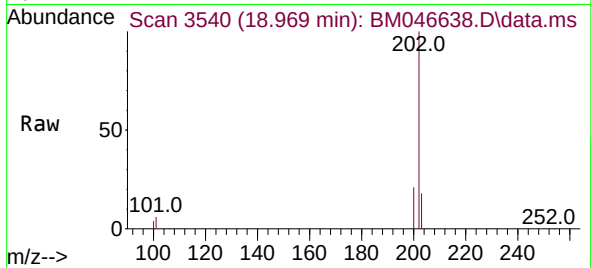
Tgt Ion:178 Resp: 8603
Ion Ratio Lower Upper
178 100
179 17.6 13.5 20.3
176 19.1 15.7 23.5





#19
Fluoranthene
Concen: 1.207 ng/ul
RT: 18.969 min Scan# 3540
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

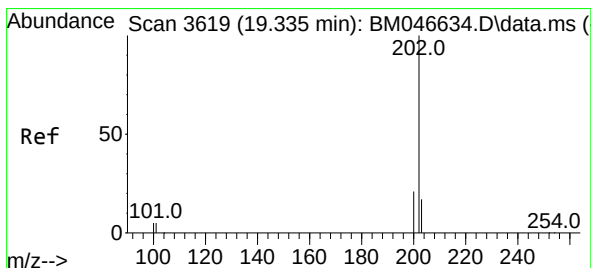
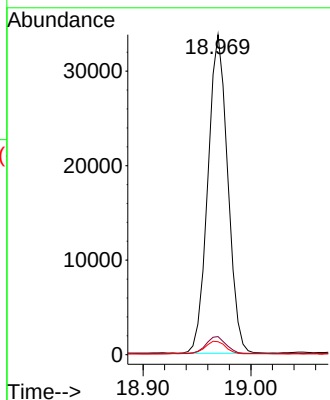
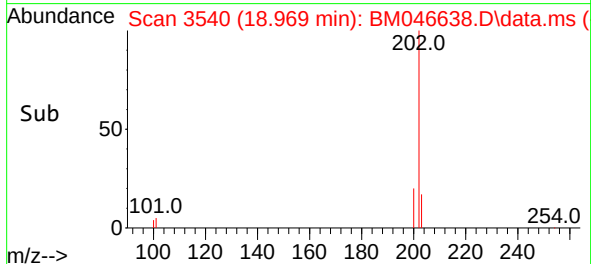
Instrument :
BNA_M
ClientSampleId :
A4BS4



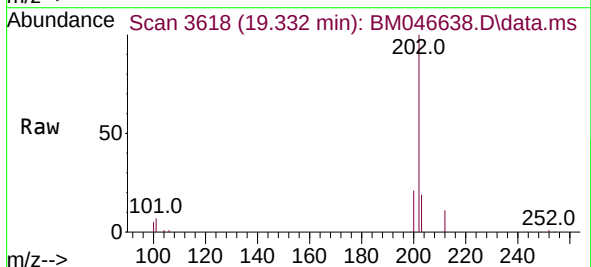
Tgt Ion:202 Resp: 43217
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.1 3.0 4.6

Manual Integrations
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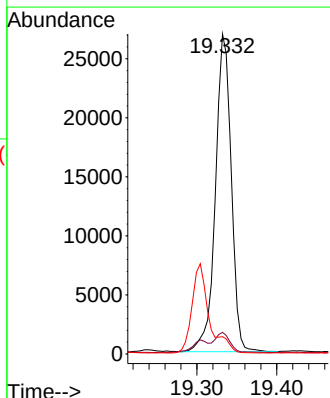
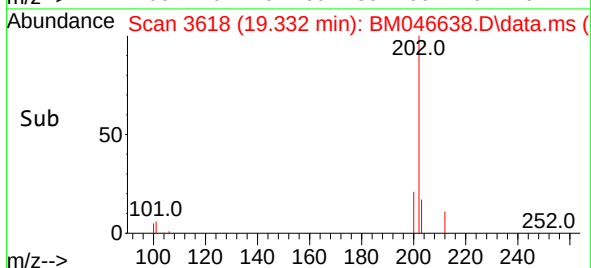
Reviewed By :Yogesh Patel 07/18/2024
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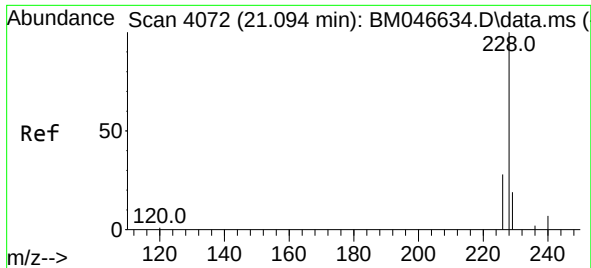


#20
Pyrene
Concen: 0.956 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13



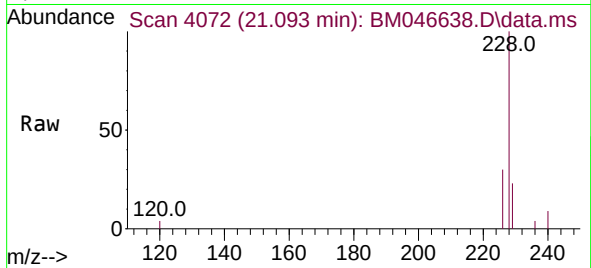
Tgt Ion:202 Resp: 37066
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.4 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. 0.005 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

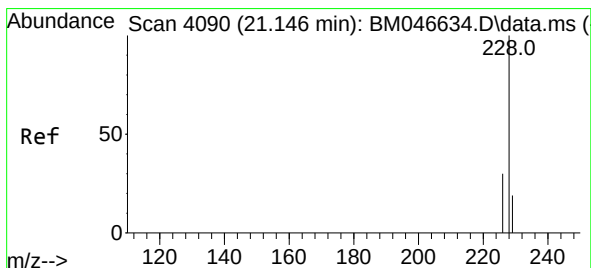
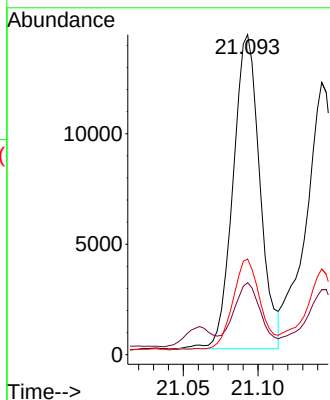
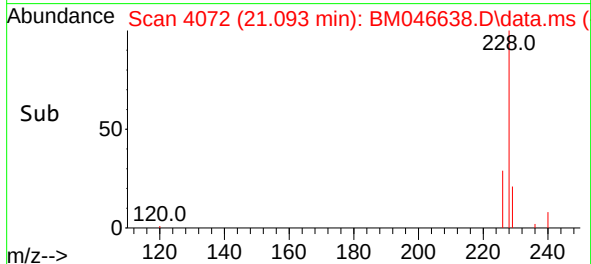
Instrument :
BNA_M
ClientSampleId :
A4BS4



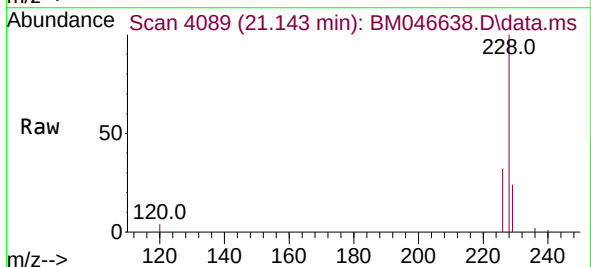
Tgt Ion:228 Resp: 17799
Ion Ratio Lower Upper
228 100
229 22.5 16.5 24.7
226 29.9 22.5 33.7

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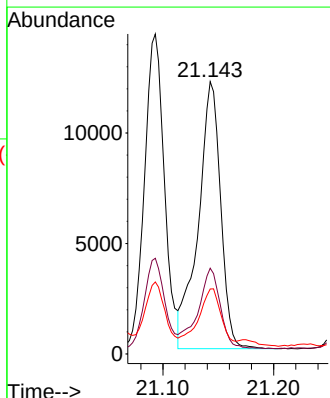
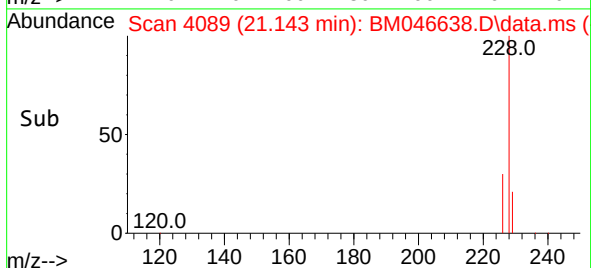
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

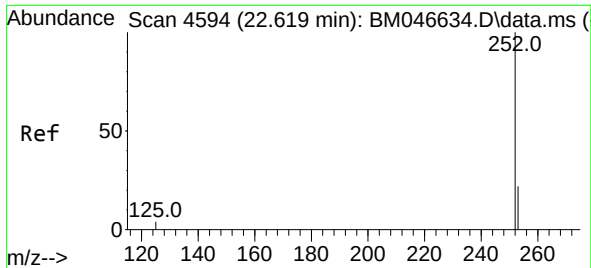


#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.002 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13



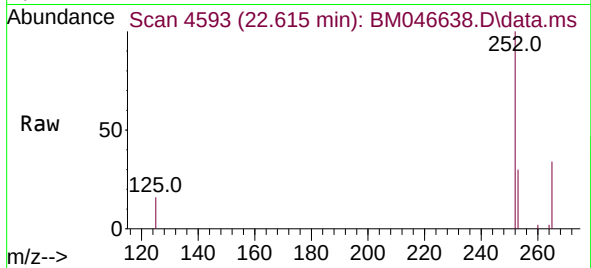
Tgt Ion:228 Resp: 17033
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.553 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

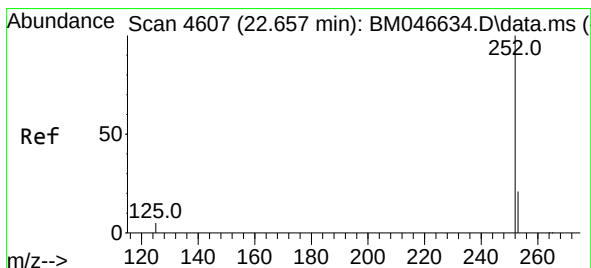
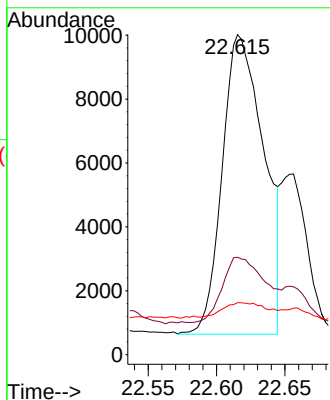
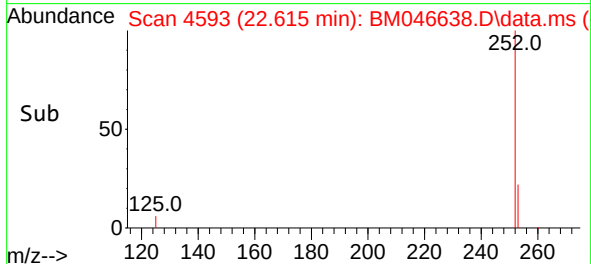
Instrument :
BNA_M
ClientSampleId :
A4BS4



Tgt Ion:252 Resp: 19889
Ion Ratio Lower Upper
252 100
253 30.5 0.0 56.2
125 16.3 0.0 17.8

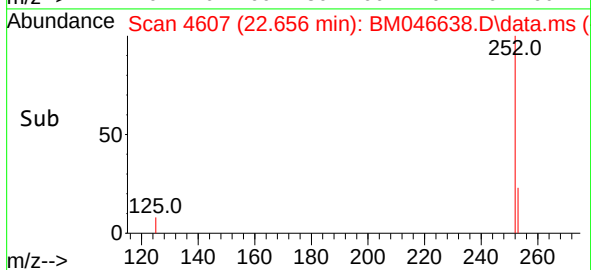
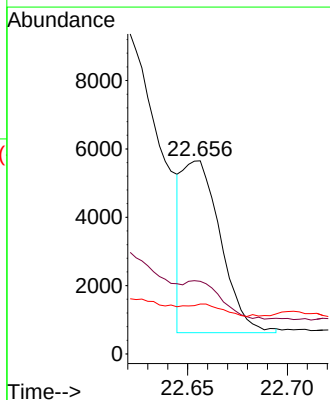
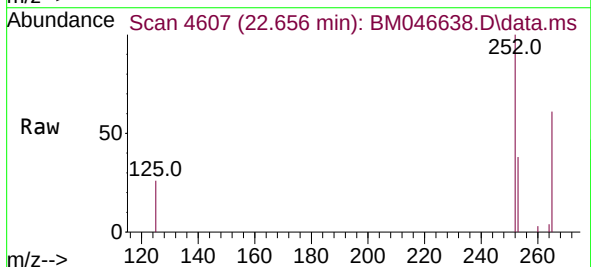
Manual Integrations
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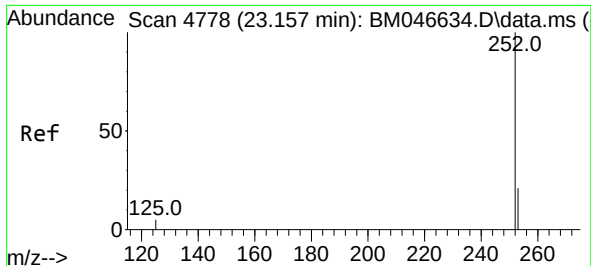
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. 0.005 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

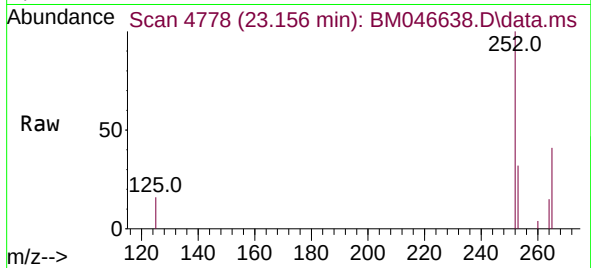
Tgt Ion:252 Resp: 6717
Ion Ratio Lower Upper
252 100
253 37.6 22.4 33.6#
125 25.8 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.156 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

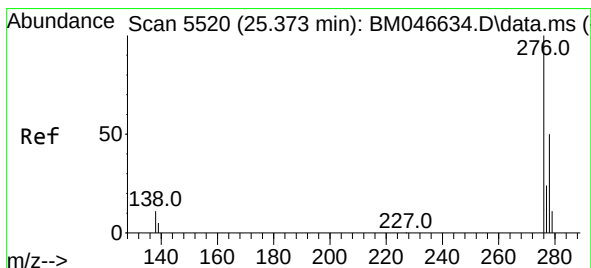
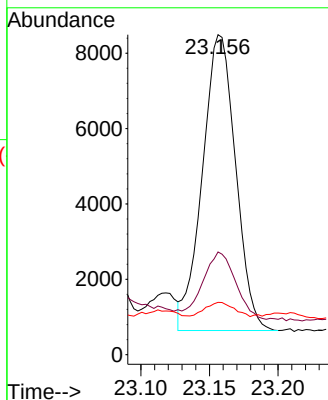
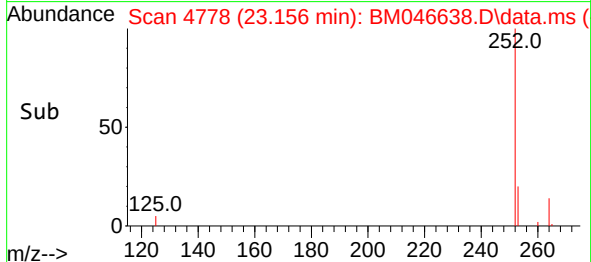
Instrument :
BNA_M
ClientSampleId :
A4BS4



Tgt Ion:252 Resp: 13245
Ion Ratio Lower Upper
252 100
253 32.1 24.0 36.0
125 16.3 8.2 12.2

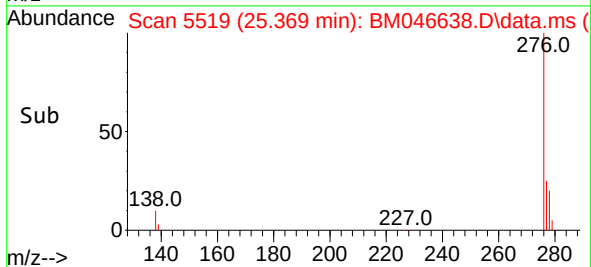
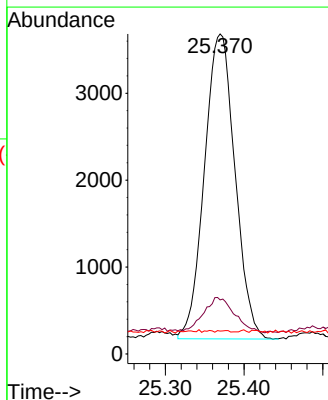
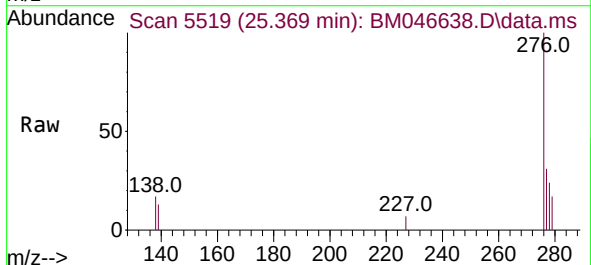
Manual Integrations
APPROVED

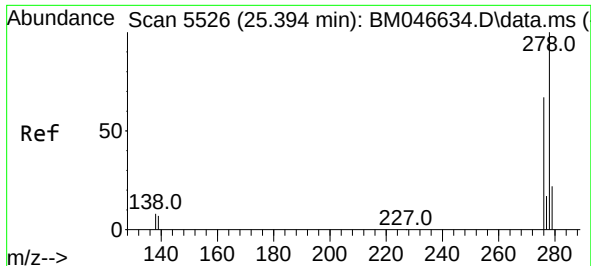
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 25.369 min Scan# 5519
Delta R.T. 0.010 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

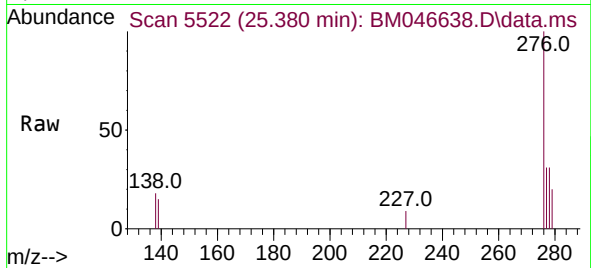
Tgt Ion:276 Resp: 9468
Ion Ratio Lower Upper
276 100
138 11.8 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.380 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13

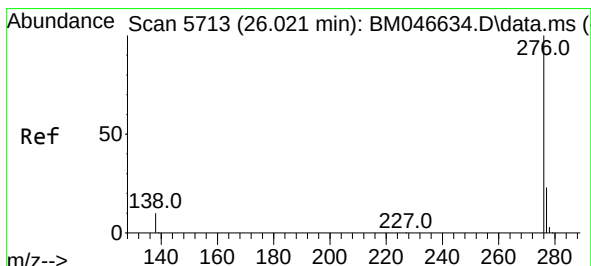
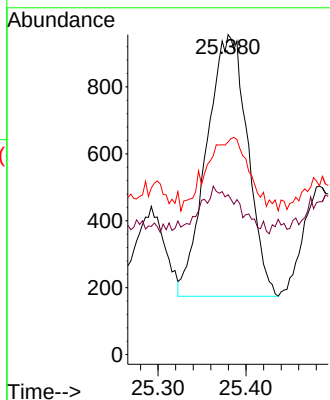
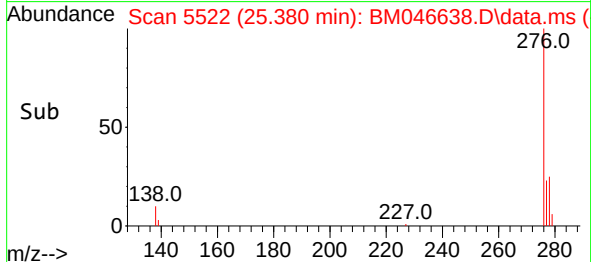
Instrument :
BNA_M
ClientSampleId :
A4BS4



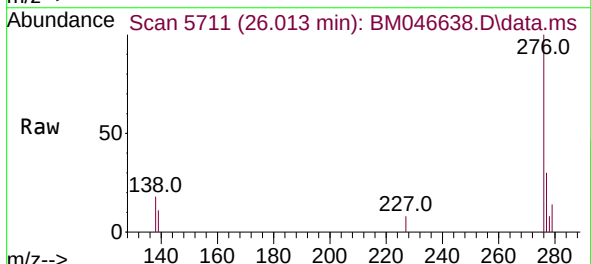
Tgt Ion:278 Resp: 253
Ion Ratio Lower Upper
278 100
139 50.0 9.1 13.7
279 66.5 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.249 ng/ul
RT: 26.013 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046638.D
Acq: 16 Jul 2024 18:13



Tgt Ion:276 Resp: 8940
Ion Ratio Lower Upper
276 100
138 18.1 10.2 15.4
277 29.6 20.9 31.3

