

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046631.D
 Acq On : 16 Jul 2024 13:14
 Operator : MA/JU
 Sample : P3139-03MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D00MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 13:43:54 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	3279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	6330	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	13279	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.111	240	8979	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	10334	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	924	0.343	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	4636	0.313	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	10919	0.400	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.147	88	2460	0.856	ng/ul#	85
5) Naphthalene	10.310	128	11541	0.493	ng/ul	97
7) 2-Methylnaphthalene	11.937	142	8556	0.521	ng/ul	99
8) 1-Methylnaphthalene	12.163	142	8499	0.507	ng/ul	99
10) Acenaphthylene	13.864	152	22610	0.785	ng/ul	99
11) Acenaphthene	14.211	153	8896	0.461	ng/ul	97
12) Fluorene	15.205	166	11637m	0.487	ng/ul	
14) Pentachlorophenol	16.559	266	4214	0.626	ng/ul	99
15) Phenanthrene	16.943	178	113336	2.991	ng/ul	98
16) Anthracene	17.032	178	29739	0.804	ng/ul	100
19) Fluoranthene	18.970	202	224455	6.086	ng/ul	99
20) Pyrene	19.332	202	123425	3.091	ng/ul	99
21) Benzo(a)anthracene	21.096	228	91424	2.302	ng/ul	95
22) Chrysene	21.146	228	108138	2.814	ng/ul	98
24) Benzo(b)fluoranthene	22.621	252	129422m	3.135	ng/ul	
25) Benzo(k)fluoranthene	22.659	252	60880m	1.502	ng/ul	
26) Benzo(a)pyrene	23.162	252	35210	1.036	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.380	276	45147	0.873	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.400	278	26554	0.649	ng/ul#	91
29) Benzo(g,h,i)perylene	26.030	276	6194	0.150	ng/ul#	57

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

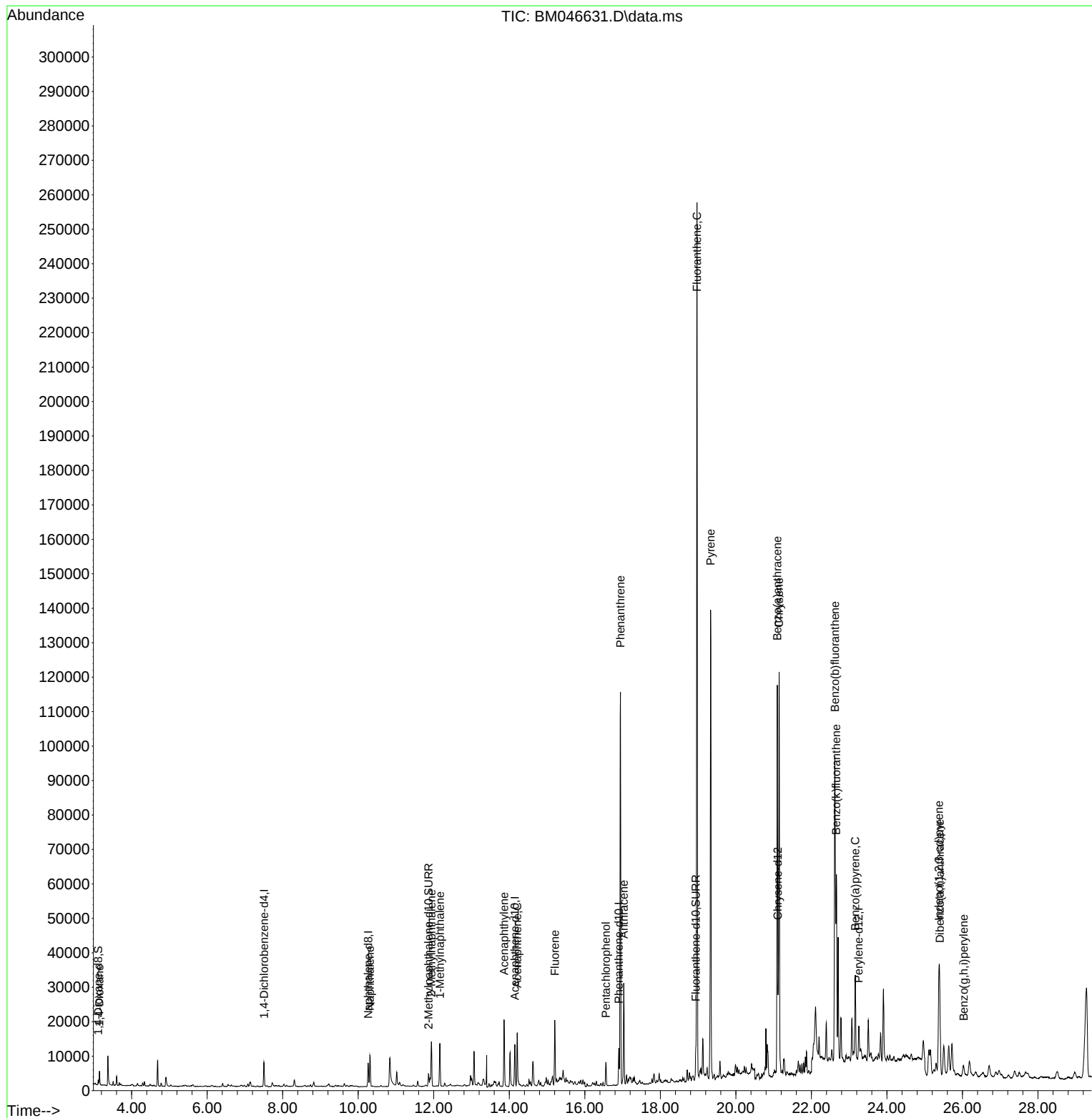
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046631.D
Acq On : 16 Jul 2024 13:14
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ALS Vial : 42 Sample Multiplier: 1

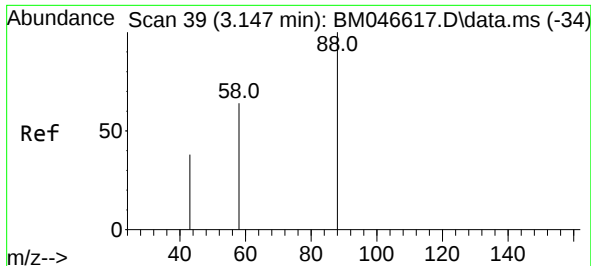
Instrument :
BNA_M
ClientSampleId :
A4D00MSD

Quant Time: Jul 16 13:43:54 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

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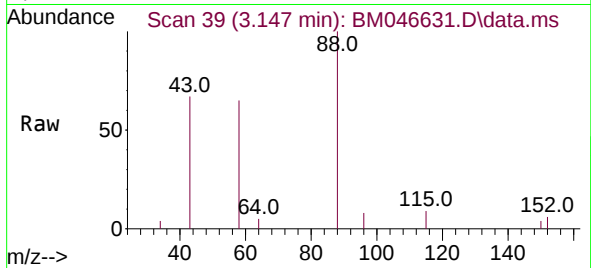
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#2
1,4-Dioxane
Concen: 0.856 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

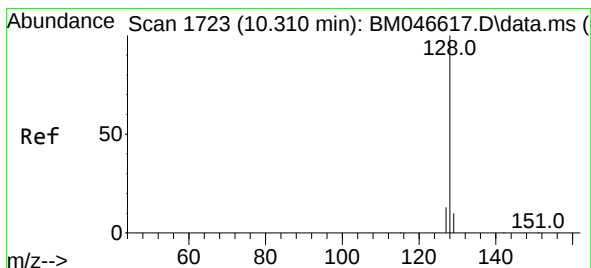
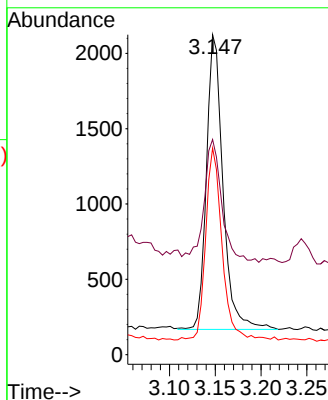
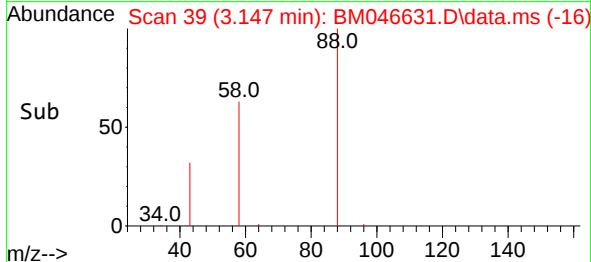
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion: 88 Resp: 2460
Ion Ratio Lower Upper
88 100
43 67.2 70.2 105.4
58 64.5 48.2 72.4

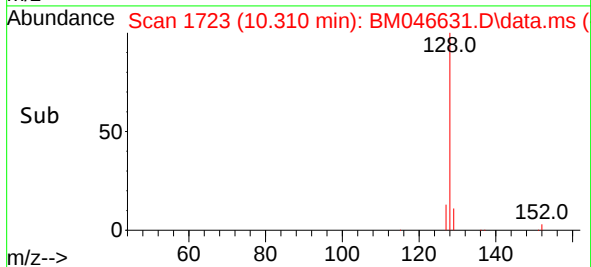
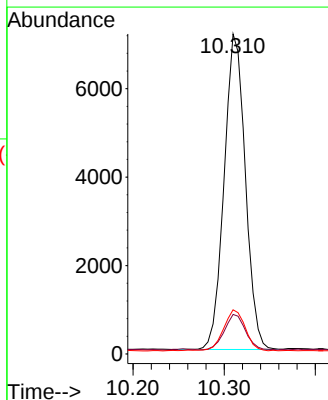
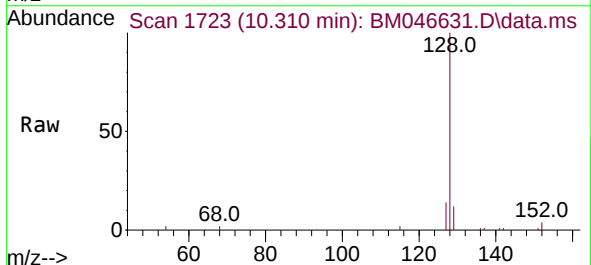
Manual Integrations
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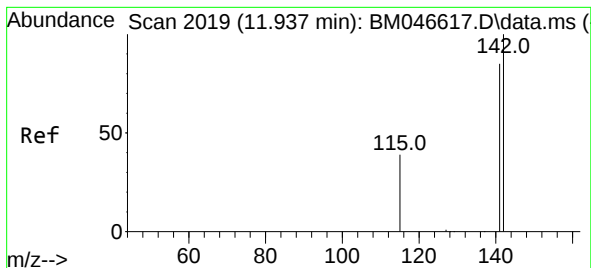
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#5
Naphthalene
Concen: 0.493 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

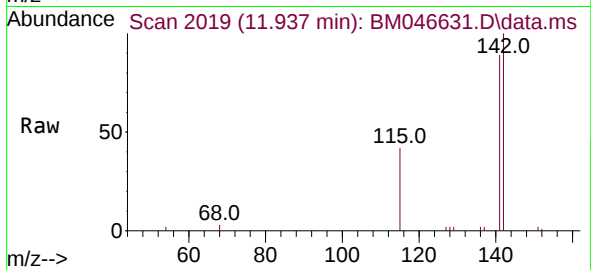
Tgt Ion:128 Resp: 11541
Ion Ratio Lower Upper
128 100
129 12.4 10.3 15.5
127 13.8 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.521 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

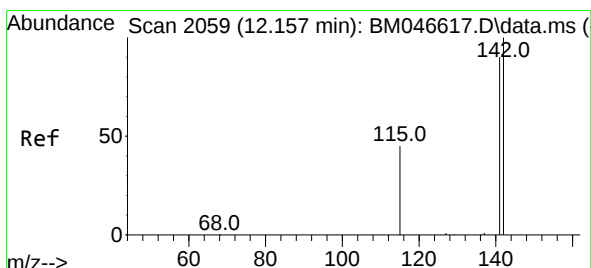
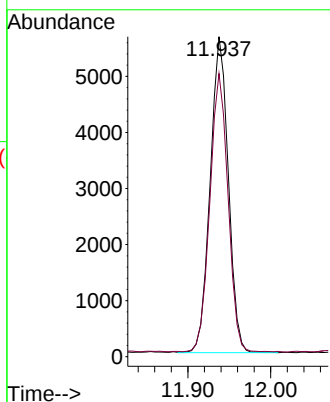
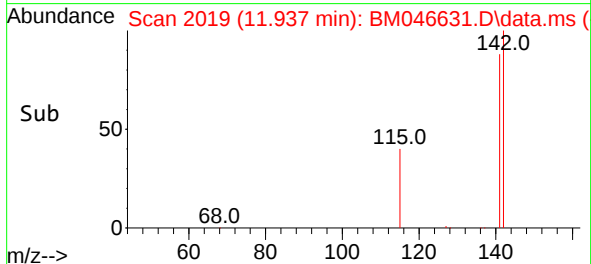
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



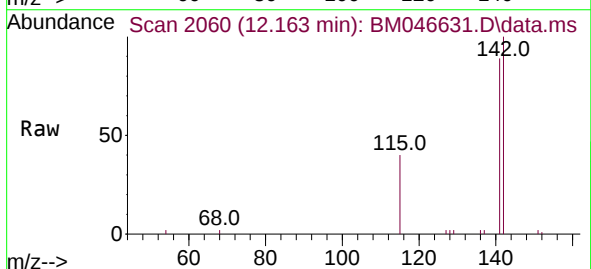
Tgt Ion:142 Resp: 8550
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5

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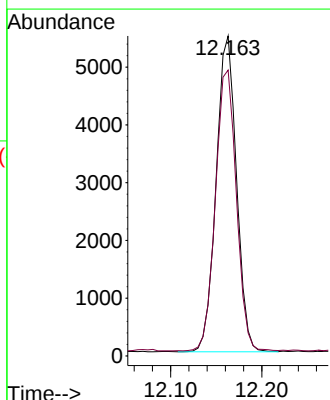
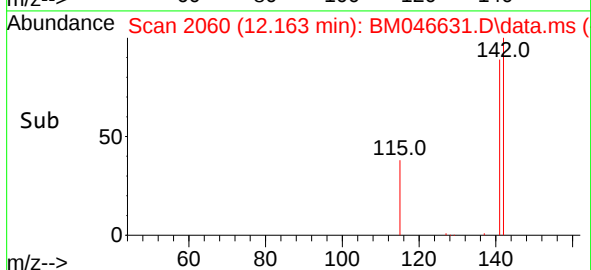
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

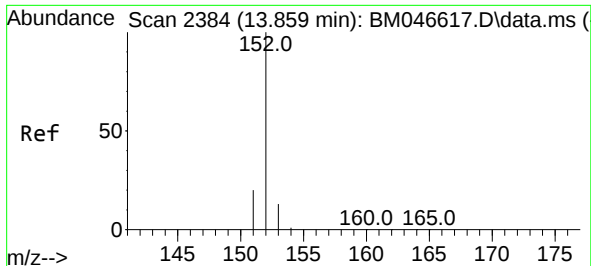


#8
1-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14



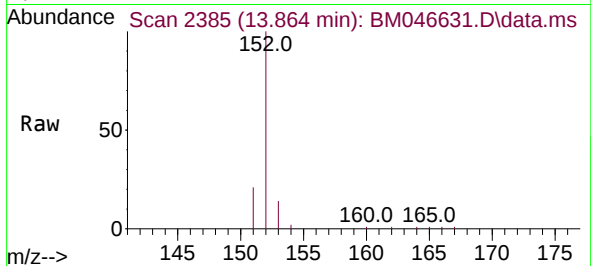
Tgt Ion:142 Resp: 8499
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9





#10
Acenaphthylene
Concen: 0.785 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

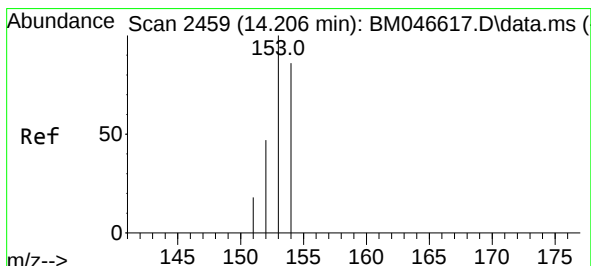
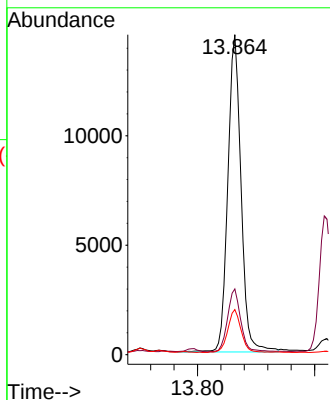
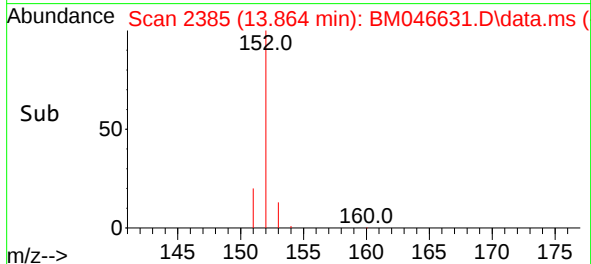
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion:152 Resp: 22610
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.1 12.4 18.6

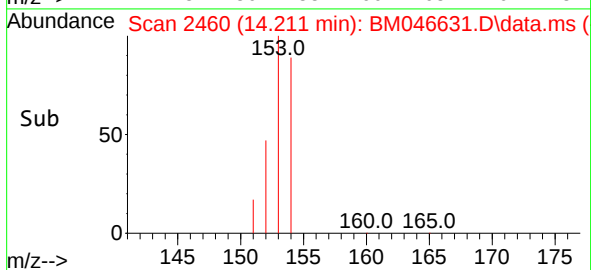
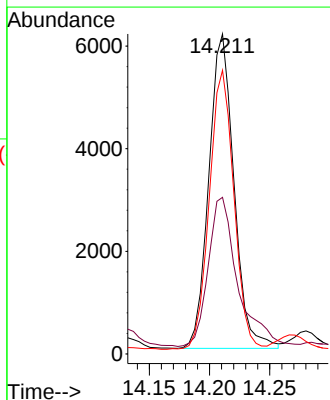
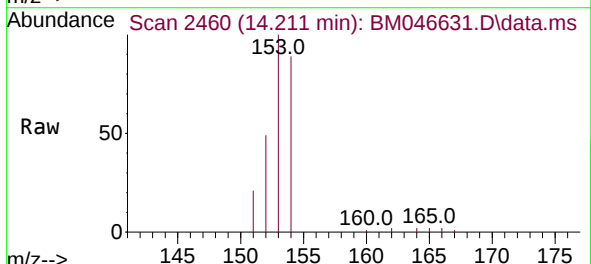
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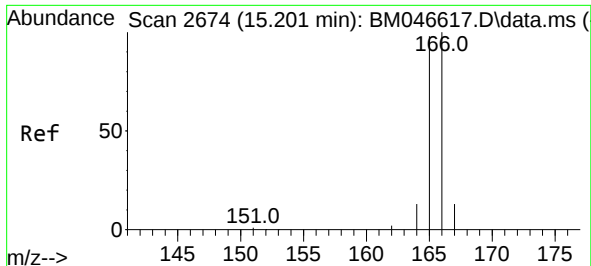
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

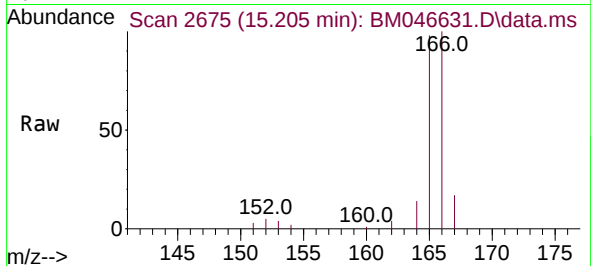
Tgt Ion:153 Resp: 8896
Ion Ratio Lower Upper
153 100
152 49.0 43.0 64.6
154 88.6 69.9 104.9





#12
Fluorene
Concen: 0.487 ng/ul m
RT: 15.205 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

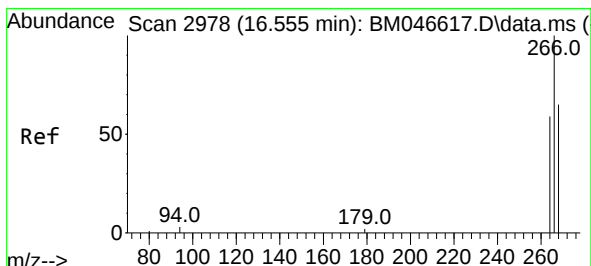
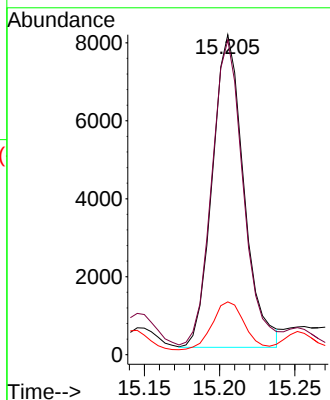
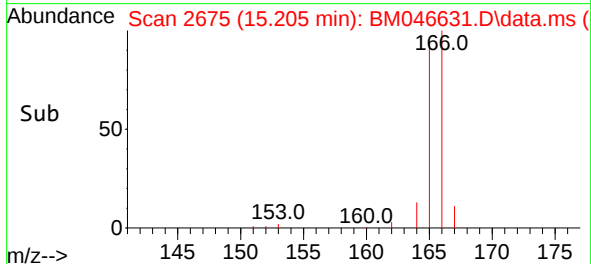
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion:166 Resp: 1163
Ion Ratio Lower Upper
166 100
165 98.3 76.1 114.1
167 16.5 12.5 18.7

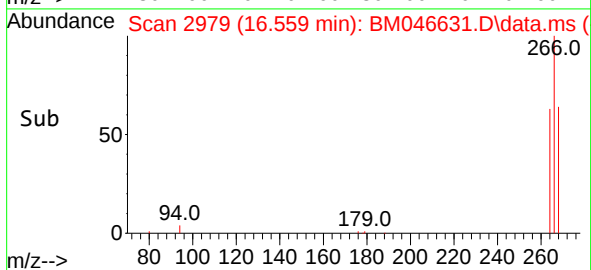
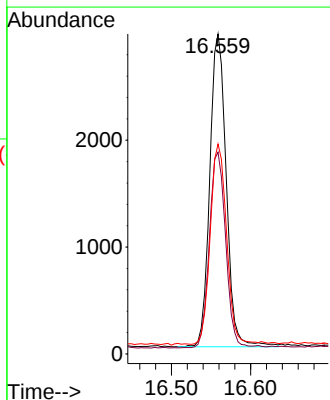
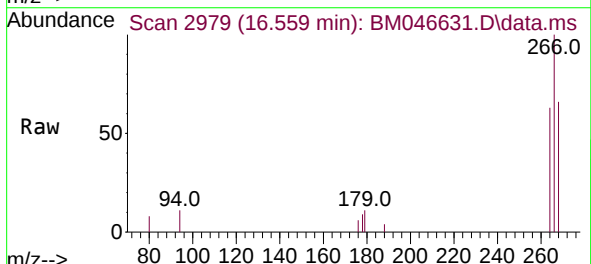
Manual Integrations
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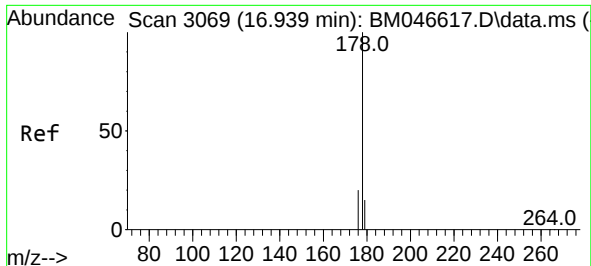
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#14
Pentachlorophenol
Concen: 0.626 ng/ul
RT: 16.559 min Scan# 2979
Delta R.T. 0.004 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

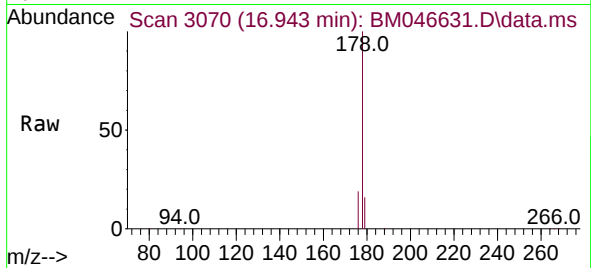
Tgt Ion:266 Resp: 4214
Ion Ratio Lower Upper
266 100
264 62.3 50.1 75.1
268 64.2 52.5 78.7





#15
Phenanthrene
Concen: 2.991 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

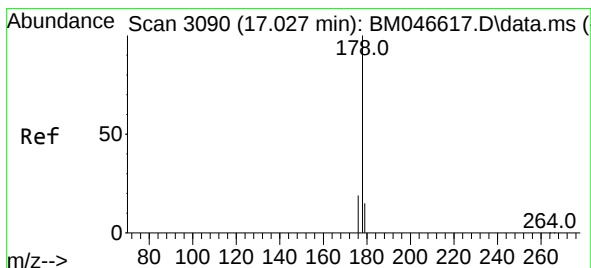
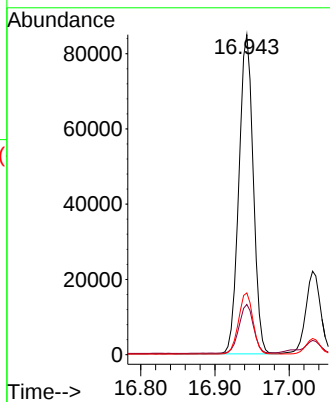
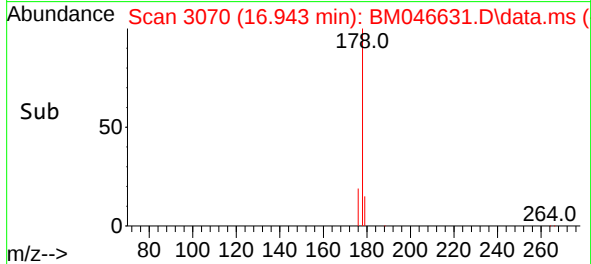
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion:178 Resp: 113336
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.3 16.0 24.0

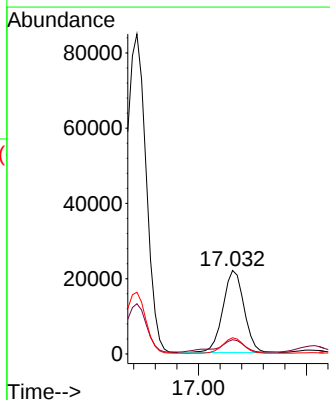
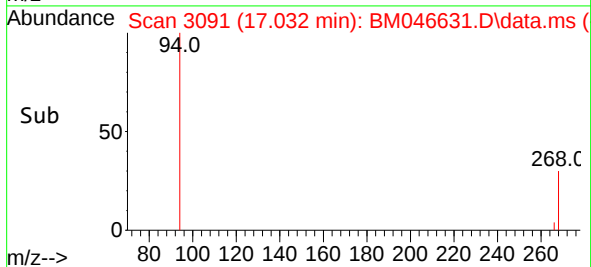
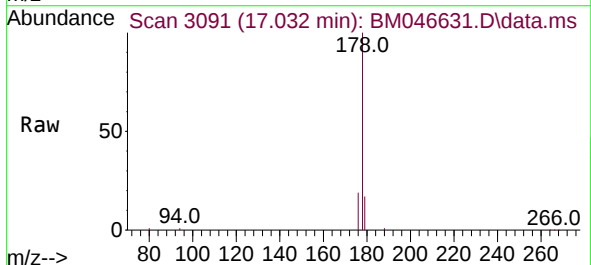
Manual Integrations
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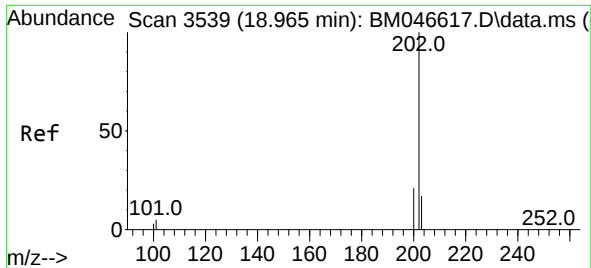
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.804 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

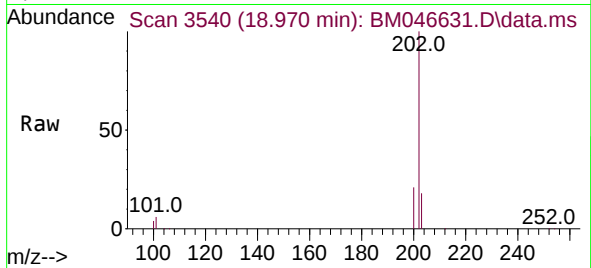
Tgt Ion:178 Resp: 29739
Ion Ratio Lower Upper
178 100
179 17.1 13.5 20.3
176 19.4 15.7 23.5





#19
Fluoranthene
Concen: 6.086 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

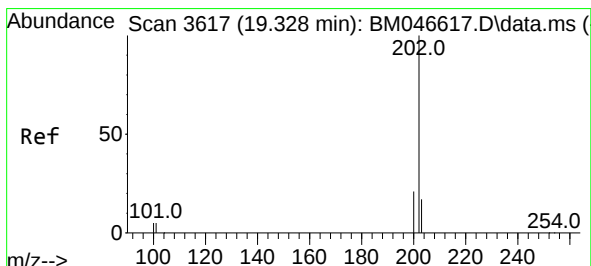
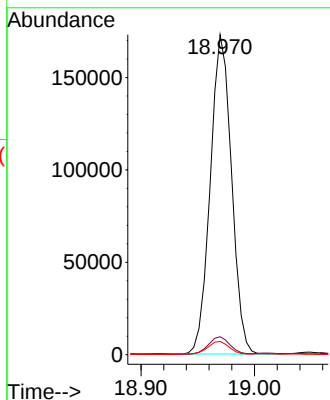
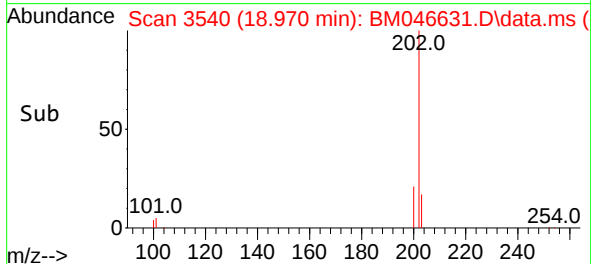
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BNA_M
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A4D00MSD



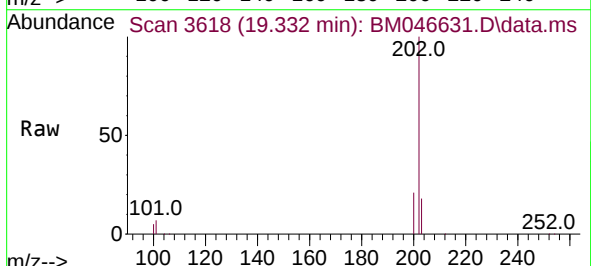
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Ion Ratio Lower Upper
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101 5.6 4.6 6.8
100 4.2 3.0 4.6

Manual Integrations
APPROVED

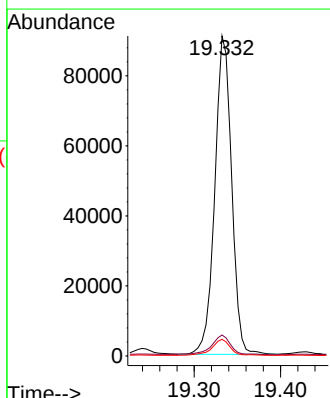
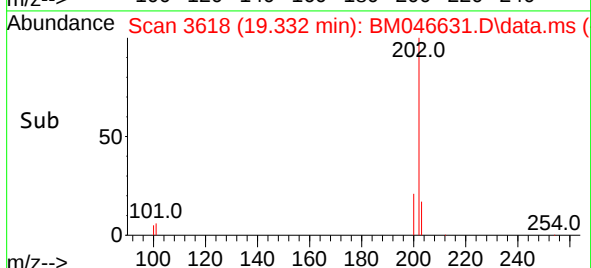
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

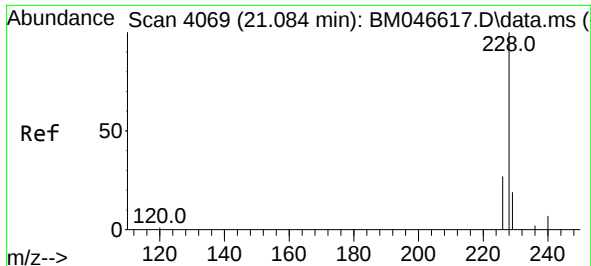


#20
Pyrene
Concen: 3.091 ng/u1
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14



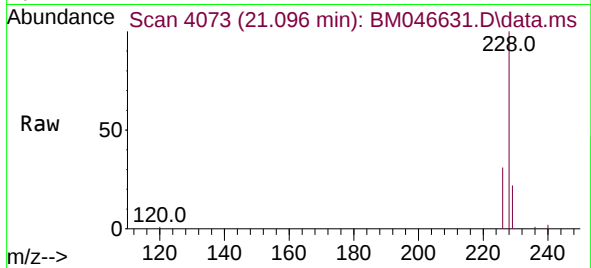
Tgt Ion:202 Resp: 123425
Ion Ratio Lower Upper
202 100
101 6.6 5.1 7.7
100 5.2 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.302 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. 0.008 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

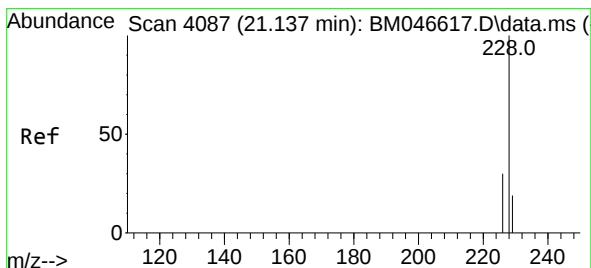
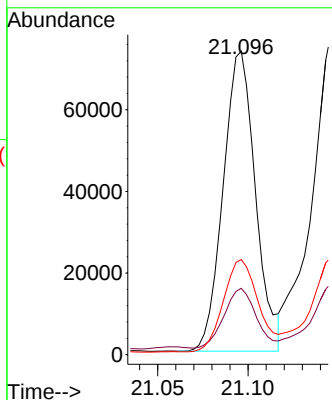
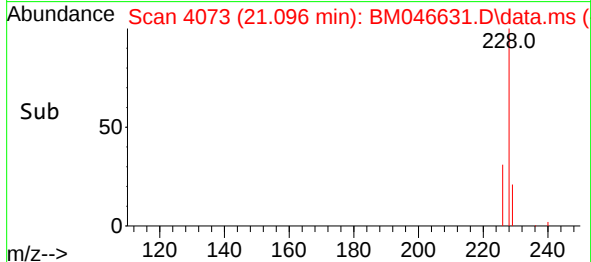
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion:228 Resp: 91424
Ion Ratio Lower Upper
228 100
229 21.9 16.5 24.7
226 31.4 22.5 33.7

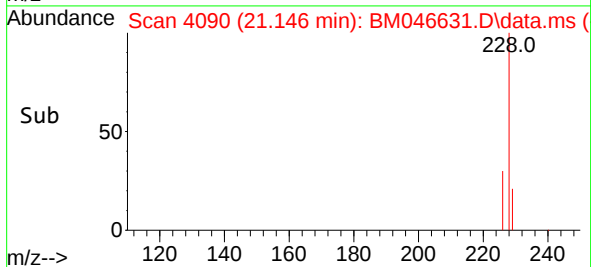
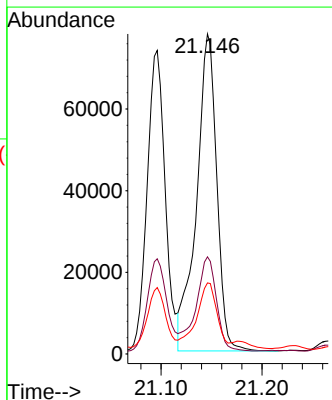
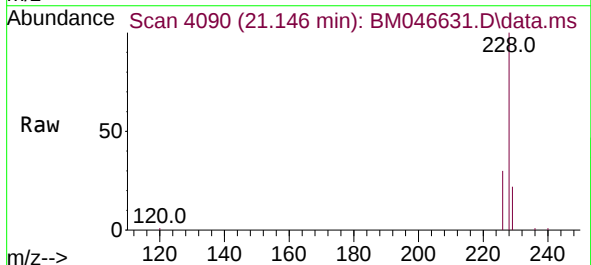
Manual Integrations
APPROVED

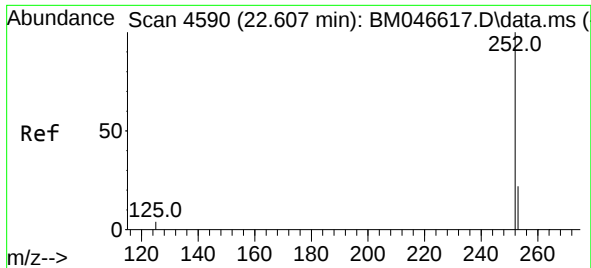
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 2.814 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

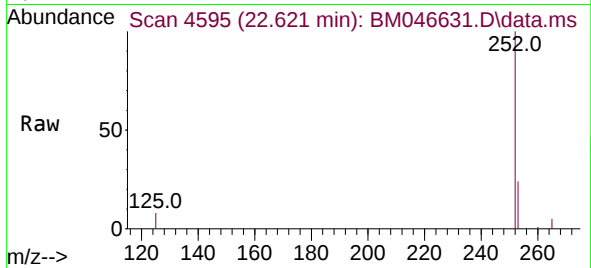
Tgt Ion:228 Resp: 108138
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.135 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.011 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

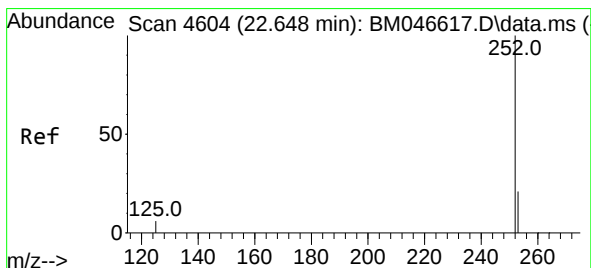
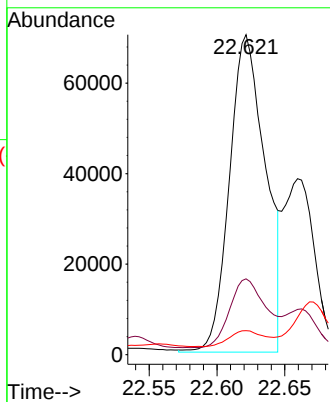
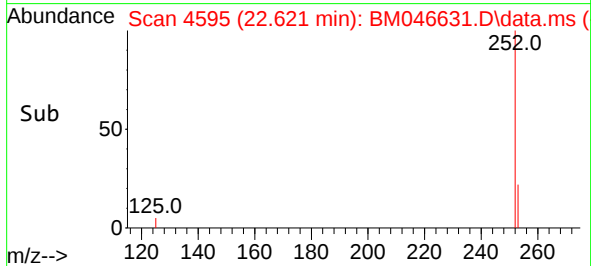
Instrument :
BNA_M
ClientSampleId :
A4D00MSD



Tgt Ion:252 Resp: 12942
Ion Ratio Lower Upper
252 100
253 23.7 0.0 56.2
125 7.5 0.0 17.8

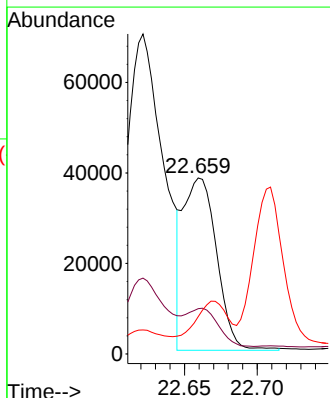
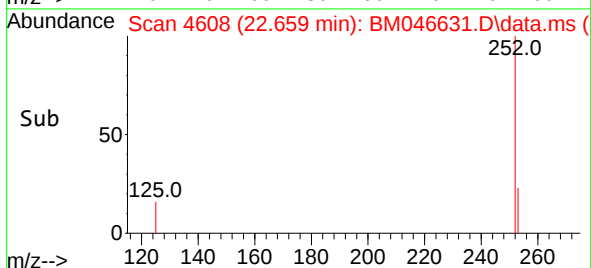
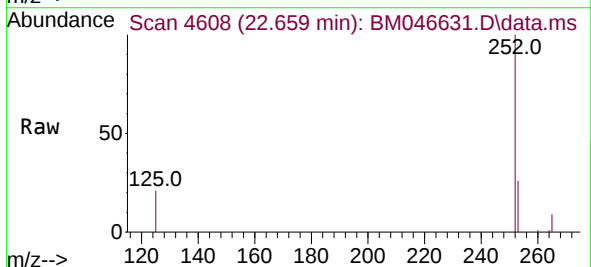
Manual Integrations
APPROVED

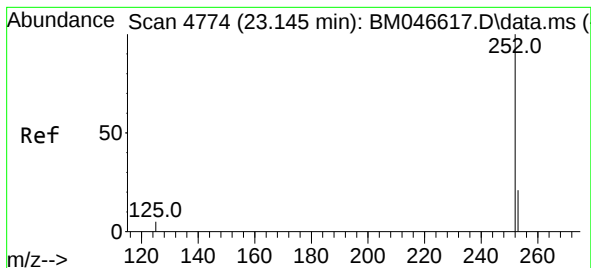
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.502 ng/ul m
RT: 22.659 min Scan# 4608
Delta R.T. 0.008 min
Lab File: BM046631.D
Acq: 16 Jul 2024 13:14

Tgt Ion:252 Resp: 60880
Ion Ratio Lower Upper
252 100
253 25.8 22.4 33.6
125 21.2 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 1.036 ng/ul

RT: 23.162 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM046631.D

Acq: 16 Jul 2024 13:14

Instrument :

BNA_M

ClientSampleId :

A4D00MSD

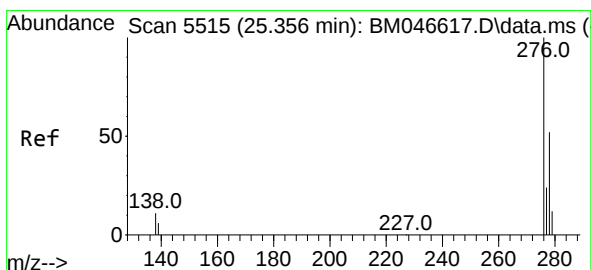
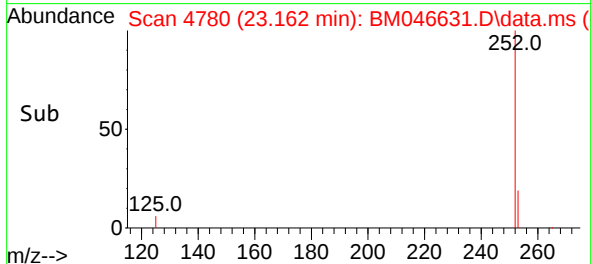
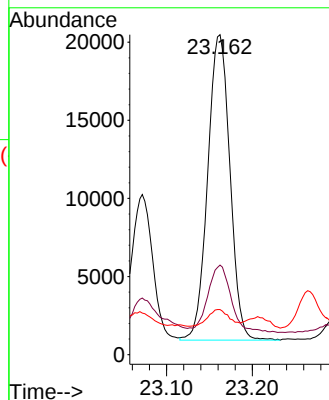
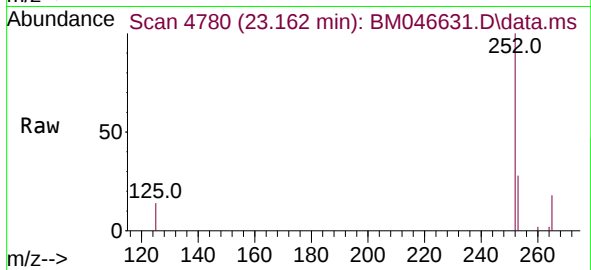
Tgt Ion:	252	Resp:	35210
Ion Ratio	Lower	Upper	
252	100		
253	28.0	24.0	36.0
125	14.1	8.2	12.2

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: 0.873 ng/ul

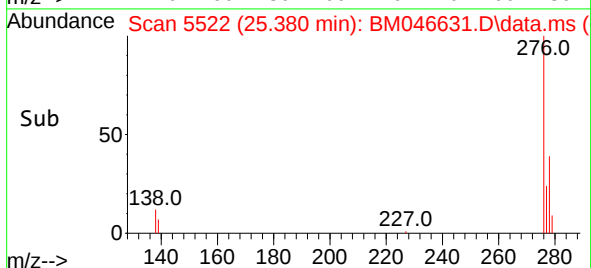
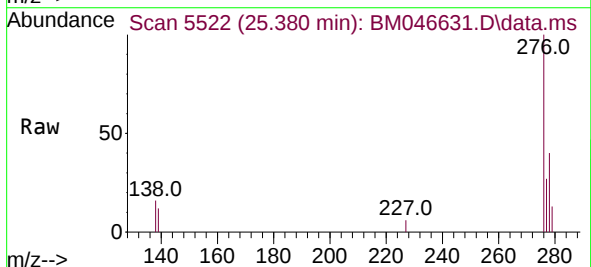
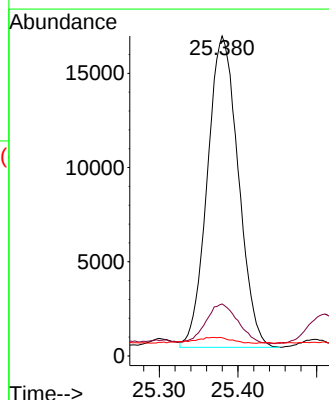
RT: 25.380 min Scan# 5522

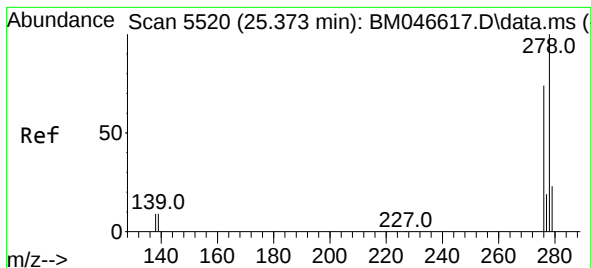
Delta R.T. 0.020 min

Lab File: BM046631.D

Acq: 16 Jul 2024 13:14

Tgt Ion:	276	Resp:	45147
Ion Ratio	Lower	Upper	
276	100		
138	13.3	0.0	0.0#
227	2.3	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.649 ng/ul

RT: 25.400 min Scan# 51

Delta R.T. 0.017 min

Lab File: BM046631.D

Acq: 16 Jul 2024 13:14

Instrument :

BNA_M

ClientSampleId :

A4D00MSD

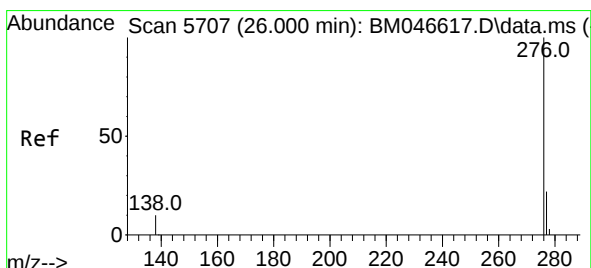
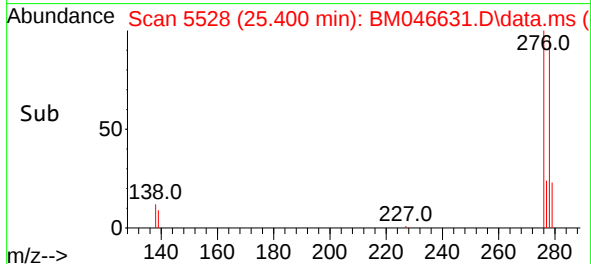
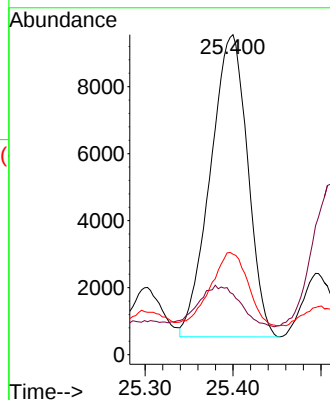
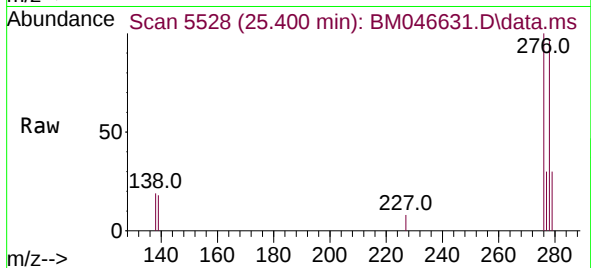
Tgt Ion:278 Resp: 26554
 Ion Ratio Lower Upper
 278 100
 139 18.9 9.1 13.7#
 279 31.4 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#29

Benzo(g,h,i)perylene

Concen: 0.150 ng/ul

RT: 26.030 min Scan# 5716

Delta R.T. 0.027 min

Lab File: BM046631.D

Acq: 16 Jul 2024 13:14

Tgt Ion:276 Resp: 6194
 Ion Ratio Lower Upper
 276 100
 138 40.9 10.2 15.4#
 277 41.4 20.9 31.3#

