

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046295.D
 Acq On : 25 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2844-14MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C64MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 18:09:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	1912	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.189	136	5937	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.049	164	3446	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188	7707	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	6566	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	8825m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	920	0.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	2162	0.271	ng/ul	-0.09
18) Fluoranthene-d10	18.826	212	5903	0.300	ng/ul	-0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.054	88	2430	0.826	ng/ul	90
5) Naphthalene	10.233	128	7711	0.466	ng/ul	99
7) 2-Methylnaphthalene	11.855	142	4078	0.438	ng/ul	98
8) 1-Methylnaphthalene	12.064	142	4211	0.412	ng/ul	100
10) Acenaphthylene	13.771	152	18724	1.146	ng/ul	98
11) Acenaphthene	14.109	153	12860	1.090	ng/ul	99
12) Fluorene	15.108	166	16452	1.299	ng/ul	99
14) Pentachlorophenol	16.478	266	1215	0.526	ng/ul	99
15) Phenanthrene	16.833	178	338604	15.638	ng/ul	96
16) Anthracene	16.930	178	66232	4.107	ng/ul	96
19) Fluoranthene	18.853	202	767694	27.003	ng/ul	96
20) Pyrene	19.216	202	515930	16.781	ng/ul	96
21) Benzo(a)anthracene	20.976	228	311970	12.301	ng/ul	99
22) Chrysene	21.029	228	323384	9.991	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	425982m	13.398	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	177317m	4.691	ng/ul	
26) Benzo(a)pyrene	22.993	252	163511	5.550	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.121	276	170073	3.527	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278	57910	1.613	ng/ul	96
29) Benzo(g,h,i)perylene	25.745	276	23397	0.566	ng/ul#	92

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

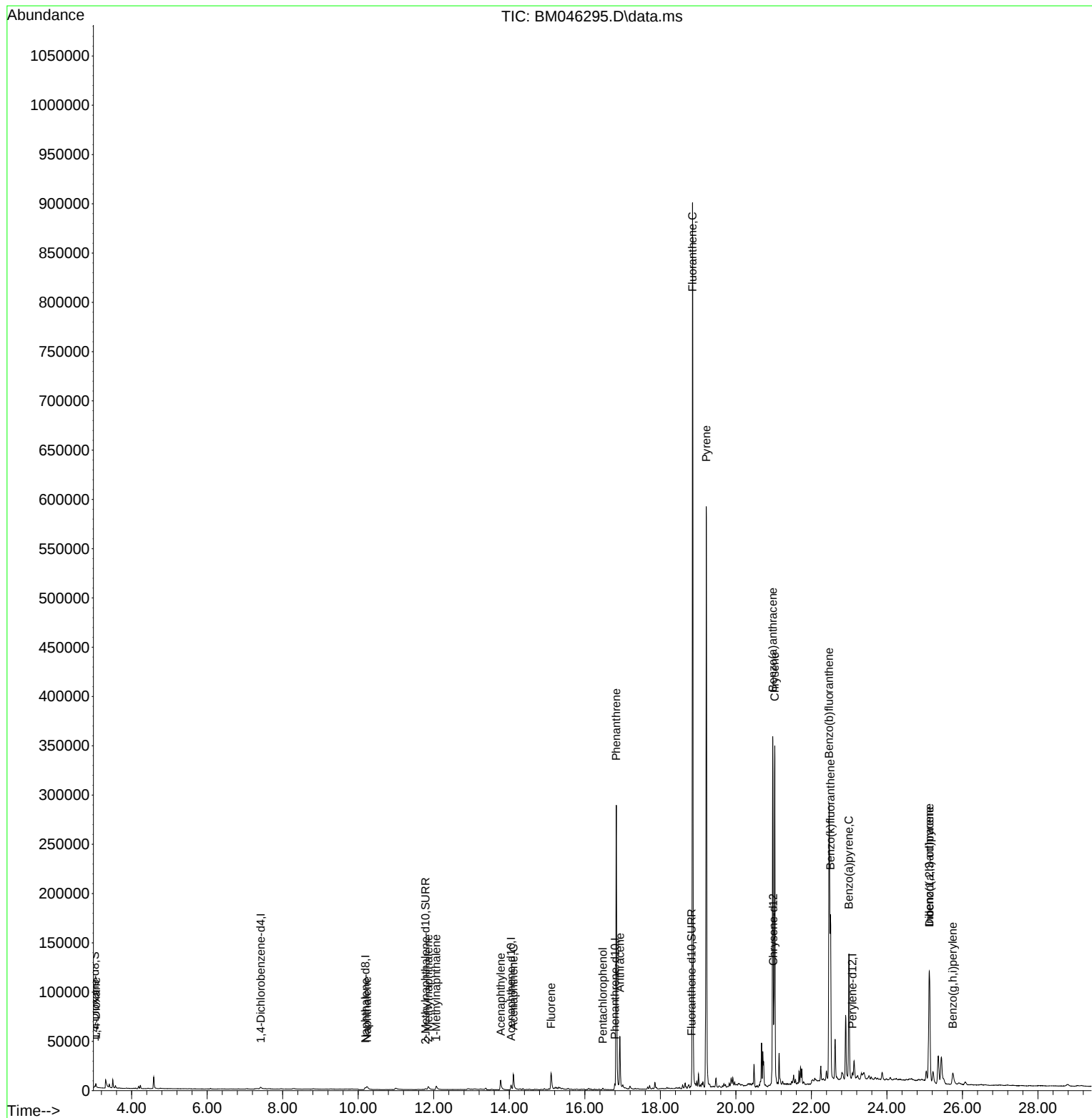
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046295.D
Acq On : 25 Jun 2024 17:16
Operator : MA/JU
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ALS Vial : 55 Sample Multiplier: 1

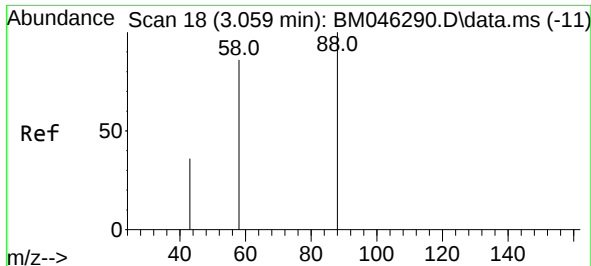
Instrument :
BNA_M
ClientSampleId :
A4C64MSD

Quant Time: Jun 25 18:09:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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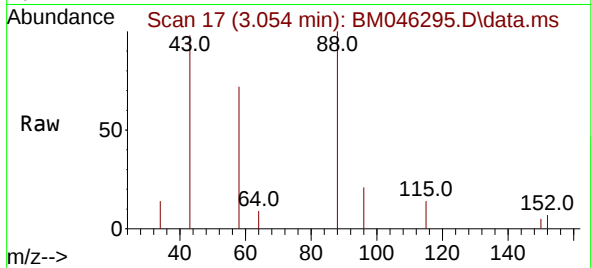
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024





#2
1,4-Dioxane
Concen: 0.826 ng/ul
RT: 3.054 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

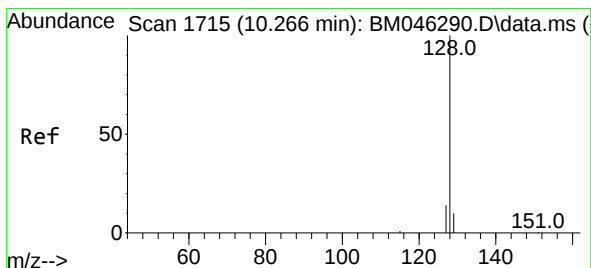
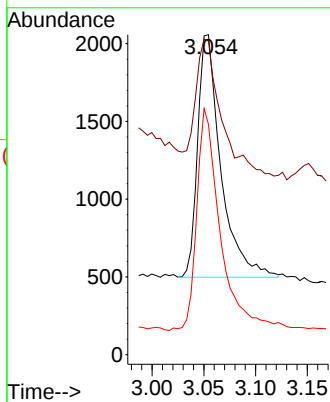
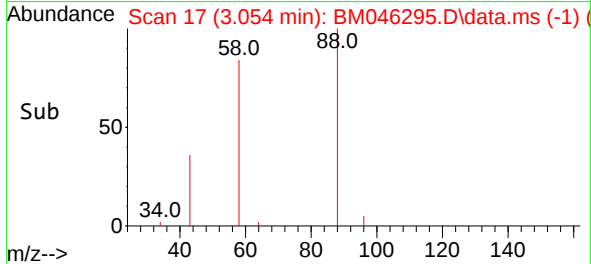
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion: 88 Resp: 2430
Ion Ratio Lower Upper
88 100
43 98.0 69.8 104.8
58 72.0 53.2 79.8

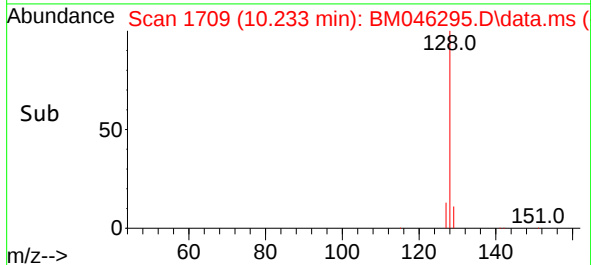
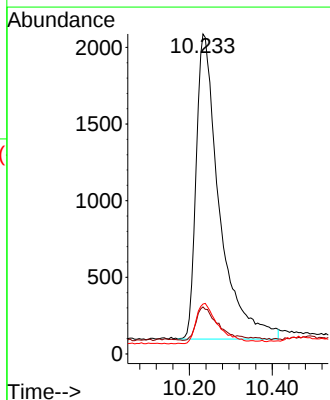
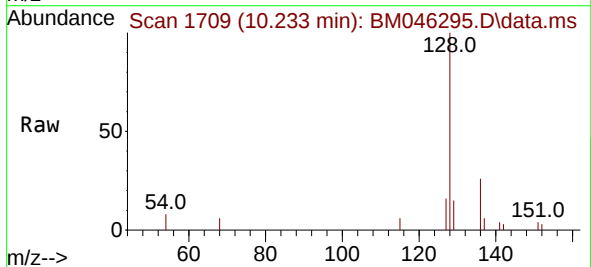
Manual Integrations
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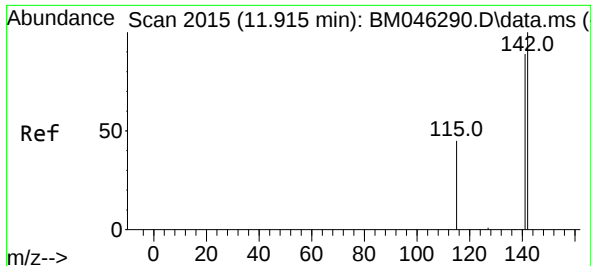
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Naphthalene
Concen: 0.466 ng/ul
RT: 10.233 min Scan# 1709
Delta R.T. -0.071 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

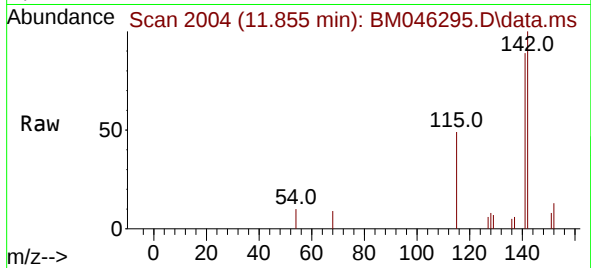
Tgt Ion:128 Resp: 7711
Ion Ratio Lower Upper
128 100
129 14.7 11.8 17.6
127 15.6 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 11.855 min Scan# 2042
Delta R.T. -0.099 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

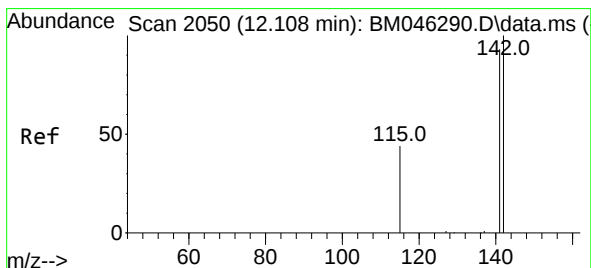
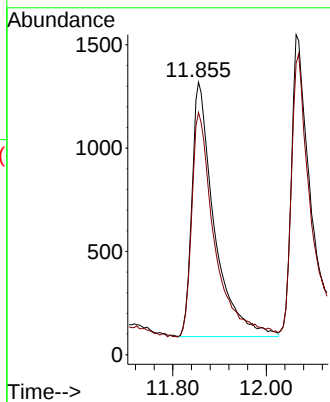
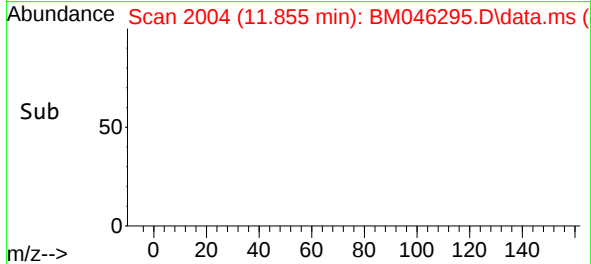
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:142 Resp: 4078
Ion Ratio Lower Upper
142 100
141 90.9 74.6 111.8

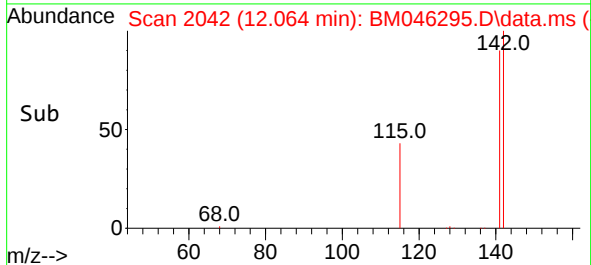
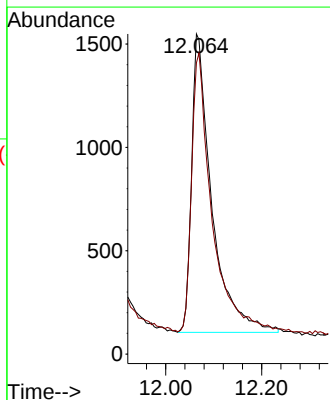
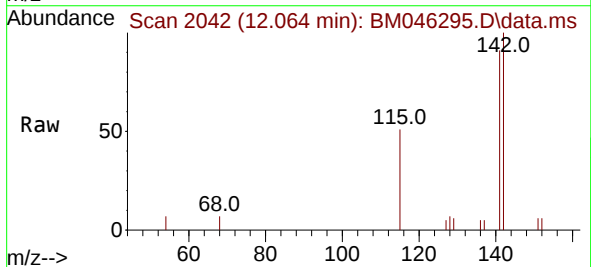
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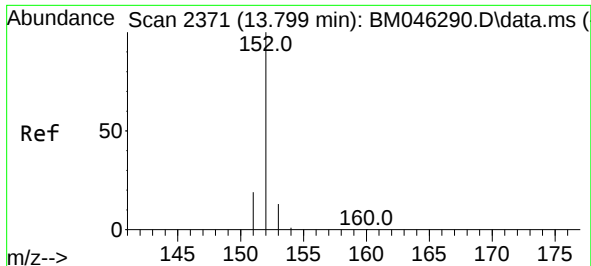
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

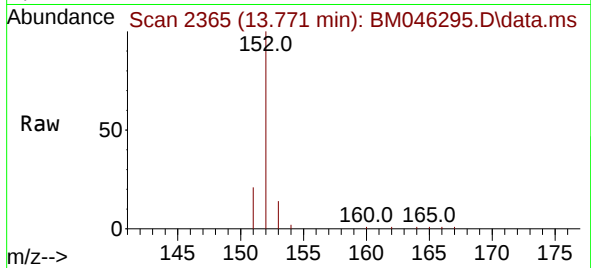
Tgt Ion:142 Resp: 4211
Ion Ratio Lower Upper
142 100
141 93.7 75.2 112.8





#10
Acenaphthylene
Concen: 1.146 ng/ul
RT: 13.771 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

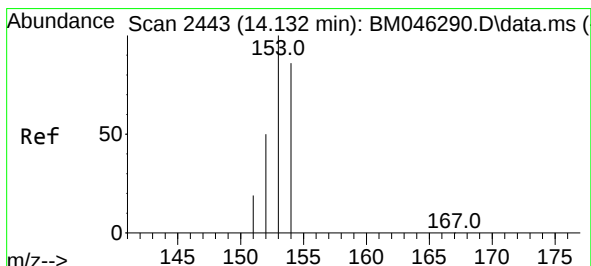
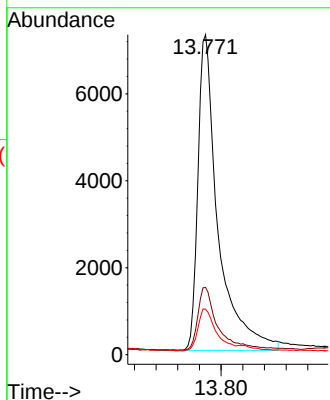
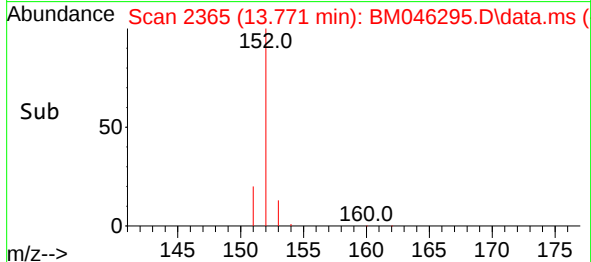
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:152 Resp: 18724
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.2
153 14.2 11.8 17.8

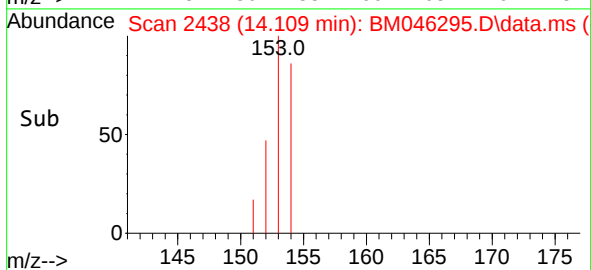
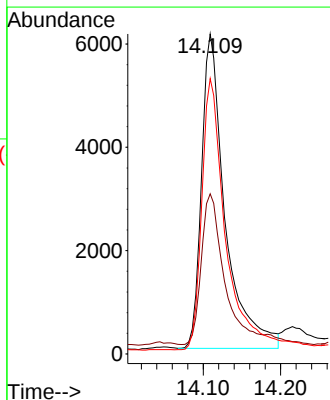
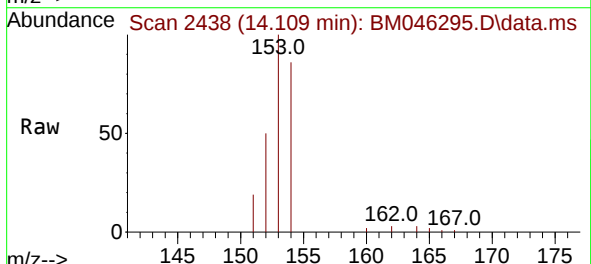
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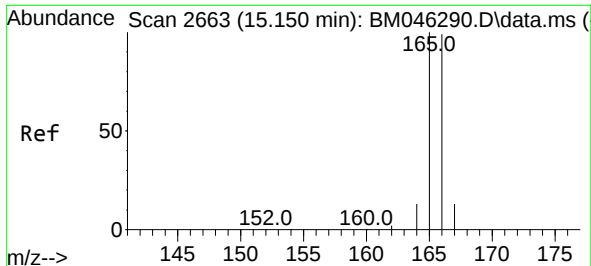
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 1.090 ng/ul
RT: 14.109 min Scan# 2438
Delta R.T. -0.037 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

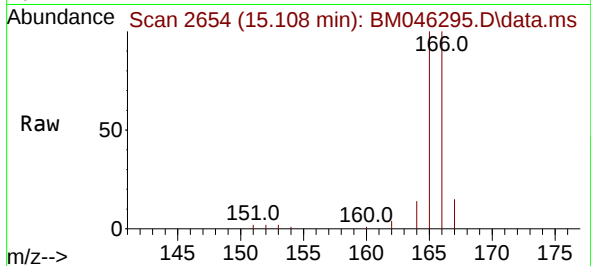
Tgt Ion:153 Resp: 12860
Ion Ratio Lower Upper
153 100
152 50.1 41.3 61.9
154 86.1 68.2 102.4





#12
Fluorene
Concen: 1.299 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.060 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

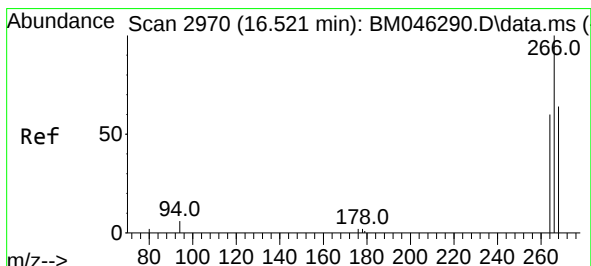
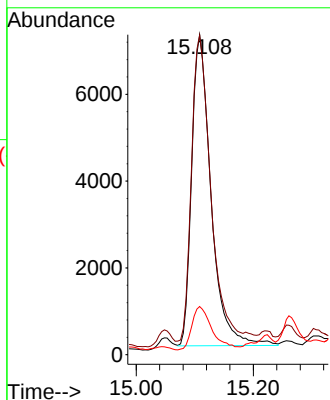
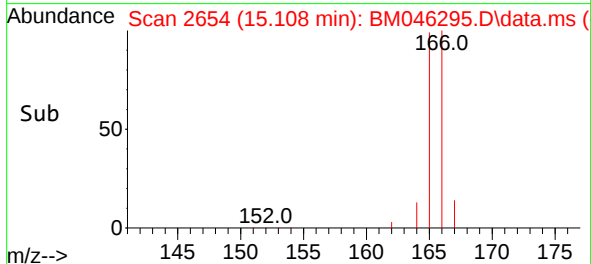
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:166 Resp: 1645
Ion Ratio Lower Upper
166 100
165 99.9 80.4 120.6
167 15.1 12.4 18.6

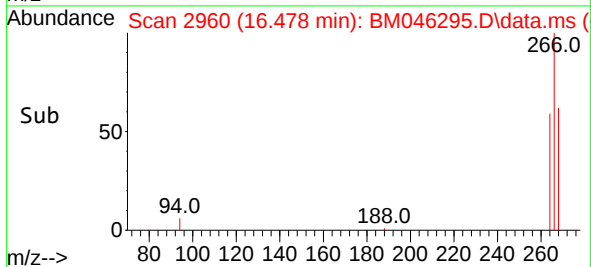
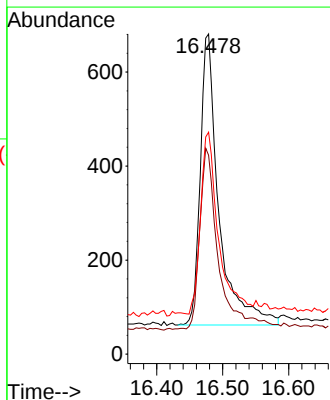
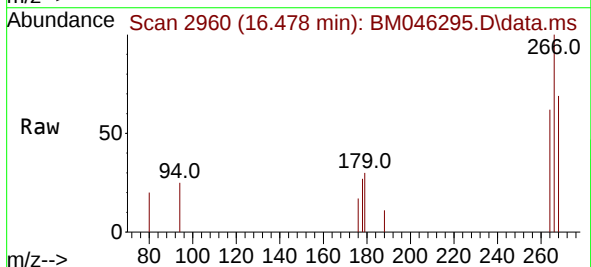
Manual Integrations
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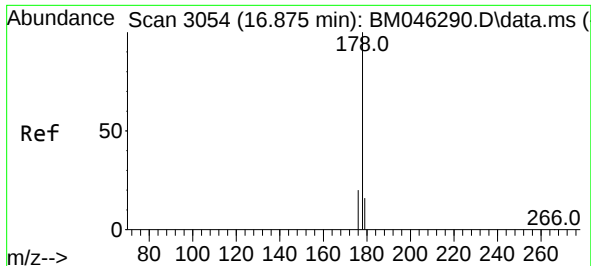
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#14
Pentachlorophenol
Concen: 0.526 ng/ul
RT: 16.478 min Scan# 2960
Delta R.T. -0.055 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

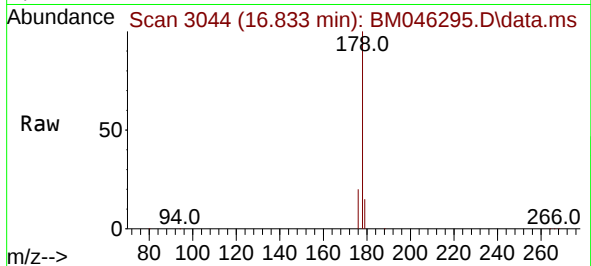
Tgt Ion:266 Resp: 1215
Ion Ratio Lower Upper
266 100
264 62.0 50.9 76.3
268 65.3 52.3 78.5





#15
Phenanthrene
Concen: 15.638 ng/ul
RT: 16.833 min Scan# 3044
Delta R.T. -0.055 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

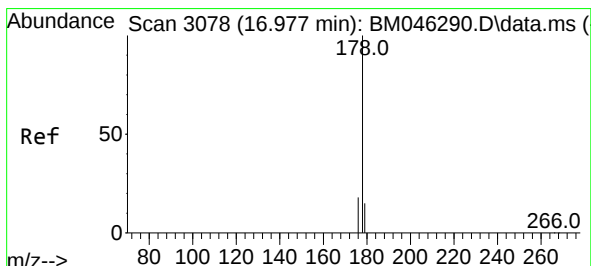
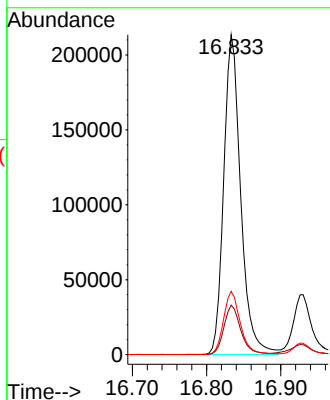
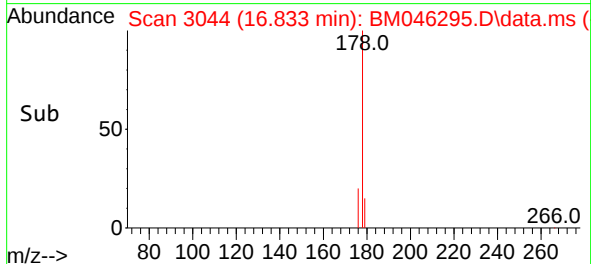
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:178 Resp: 338604
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.8 17.1 25.7

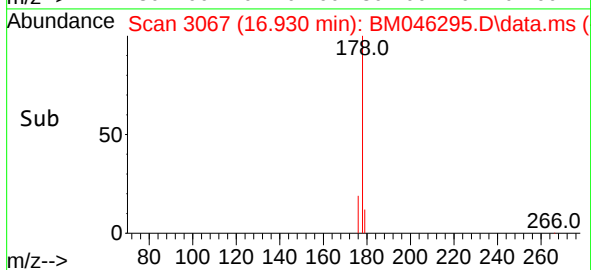
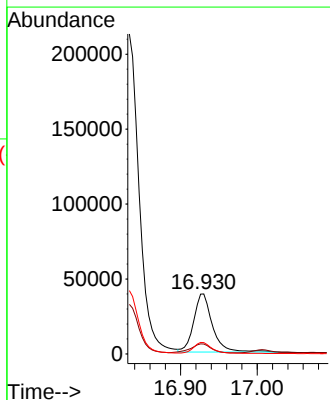
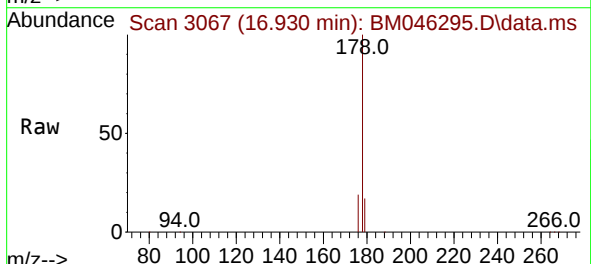
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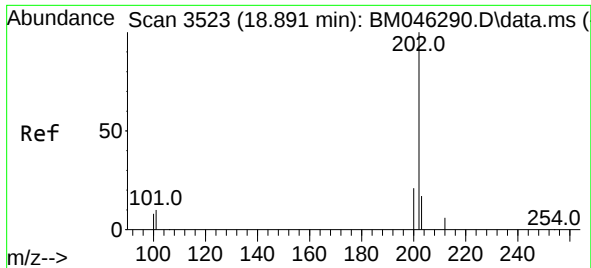
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 4.107 ng/ul
RT: 16.930 min Scan# 3067
Delta R.T. -0.076 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

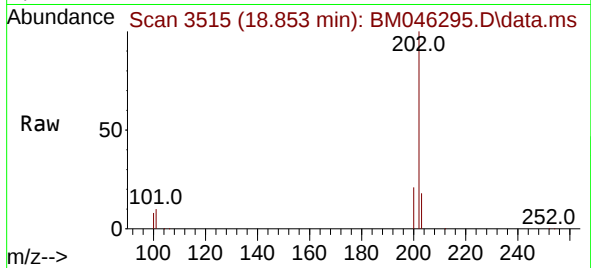
Tgt Ion:178 Resp: 66232
Ion Ratio Lower Upper
178 100
179 16.6 14.9 22.3
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 27.003 ng/u1
RT: 18.853 min Scan# 31
Delta R.T. -0.051 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

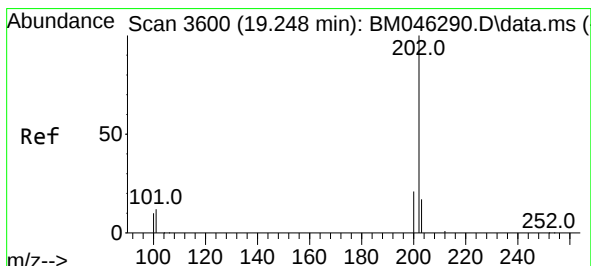
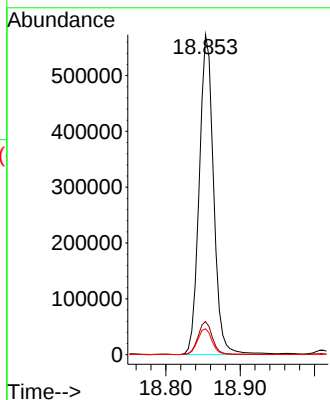
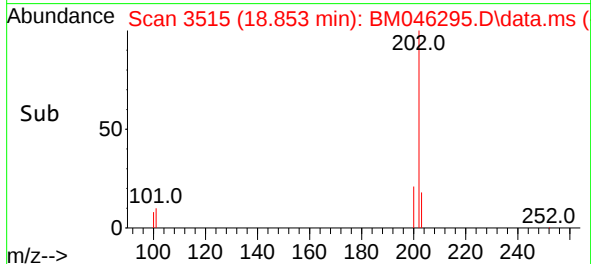
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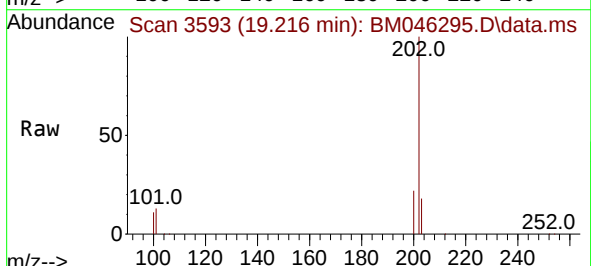
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Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 7.6 11.4

Manual Integrations
APPROVED

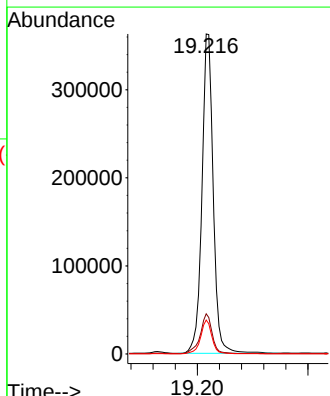
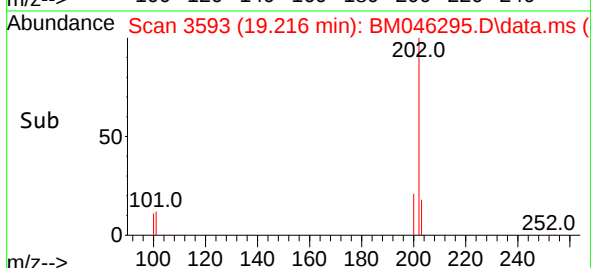
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

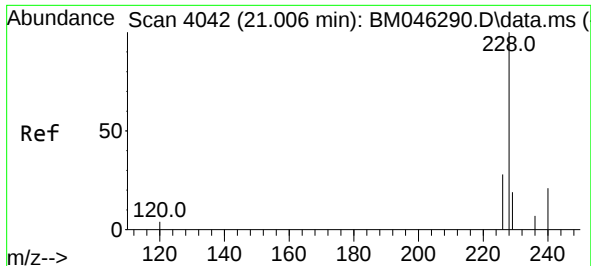


#20
Pyrene
Concen: 16.781 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. -0.042 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16



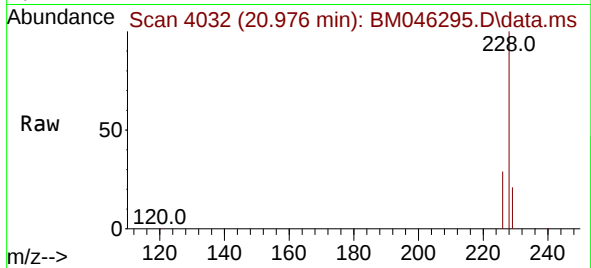
Tgt Ion:202 Resp: 515930
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 12.301 ng/ul
RT: 20.976 min Scan# 4042
Delta R.T. -0.035 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

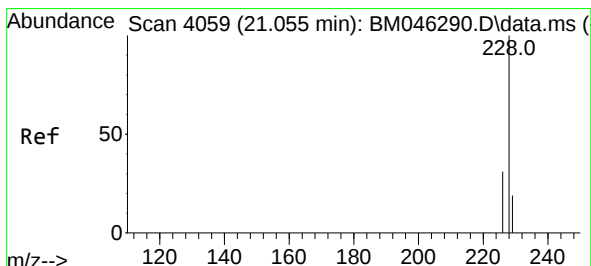
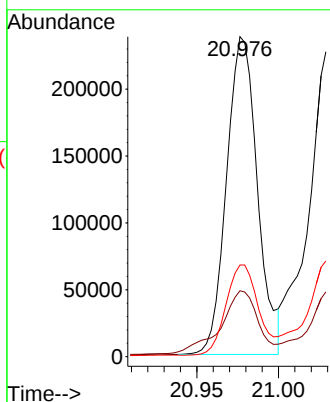
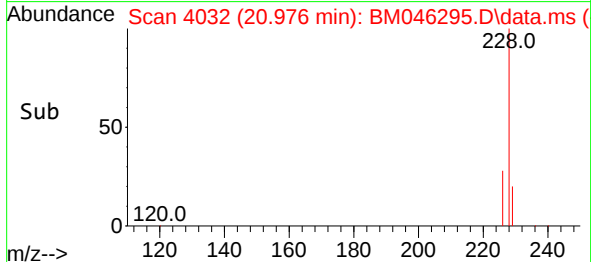
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:228 Resp: 311970
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.6 23.4 35.2

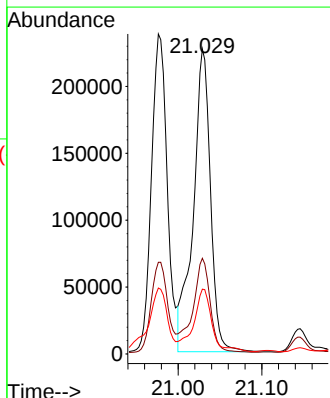
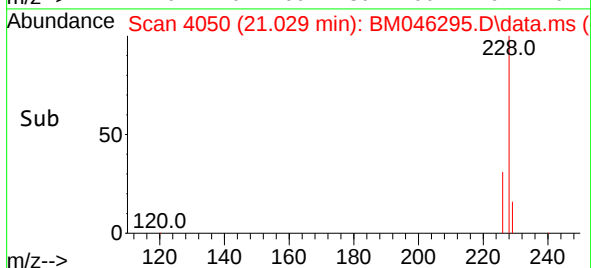
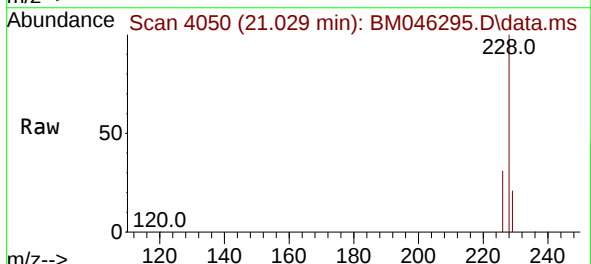
Manual Integrations
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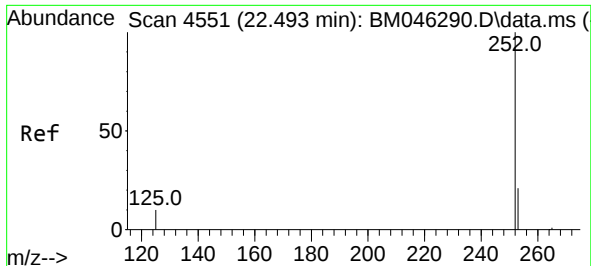
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 9.991 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.029 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

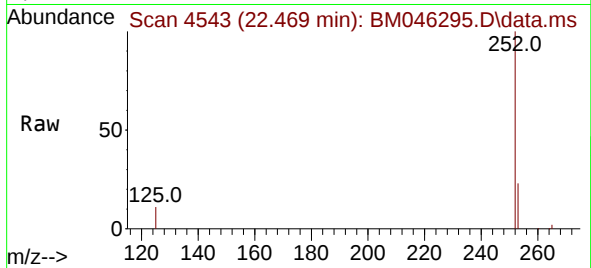
Tgt Ion:228 Resp: 323384
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 13.398 ng/ul m
RT: 22.469 min Scan# 4543
Delta R.T. -0.026 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

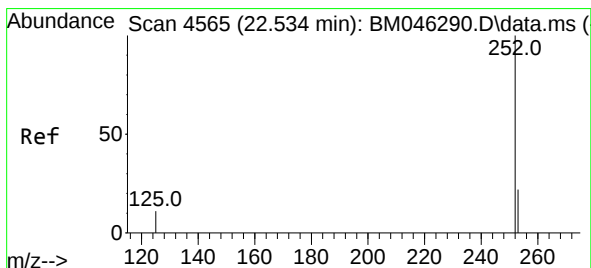
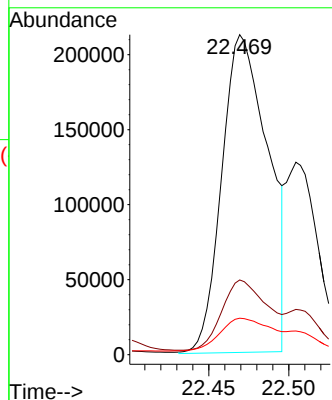
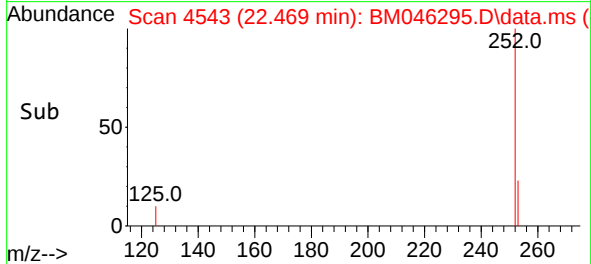
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



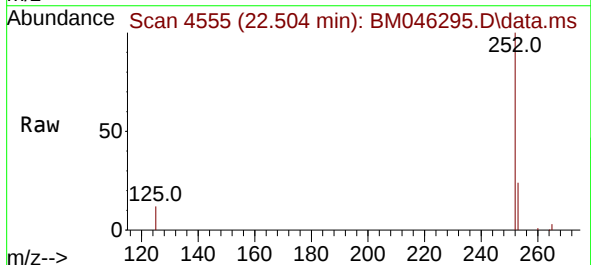
Tgt Ion:252 Resp: 42598
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 11.4 0.0 40.2

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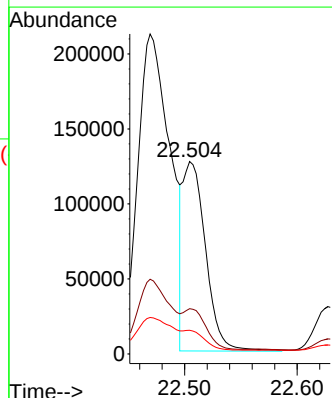
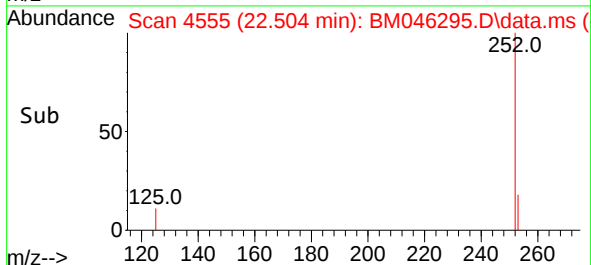
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

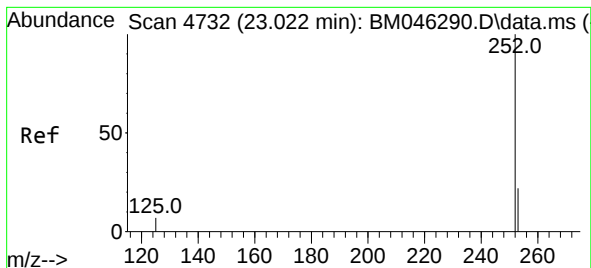


#25
Benzo(k)fluoranthene
Concen: 4.691 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.032 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16



Tgt Ion:252 Resp: 177317
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 12.3 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 5.550 ng/ul

RT: 22.993 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM046295.D

Acq: 25 Jun 2024 17:16

Instrument :

BNM_M

ClientSampleId :

A4C64MSD

Tgt Ion:252 Resp: 16351

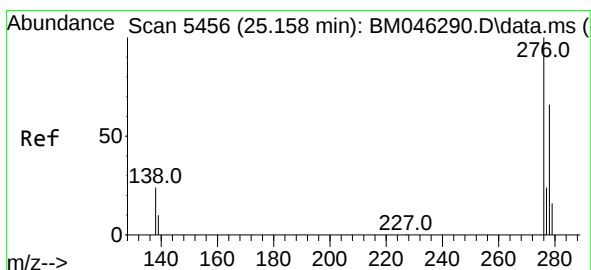
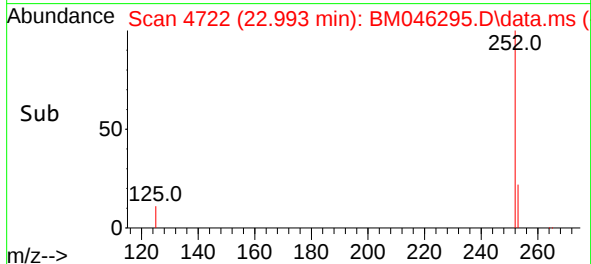
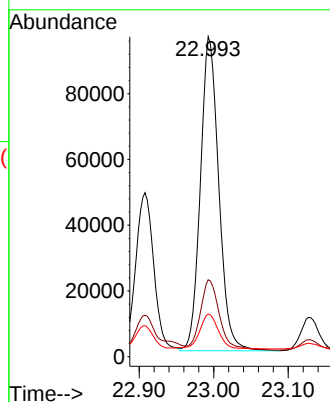
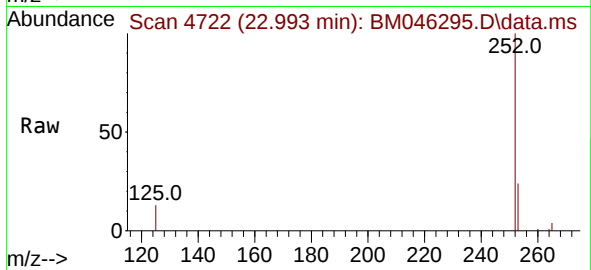
Ion	Ratio	Lower	Upper
252	100		
253	24.0	32.1	48.1
125	13.4	21.2	31.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.527 ng/ul

RT: 25.121 min Scan# 5445

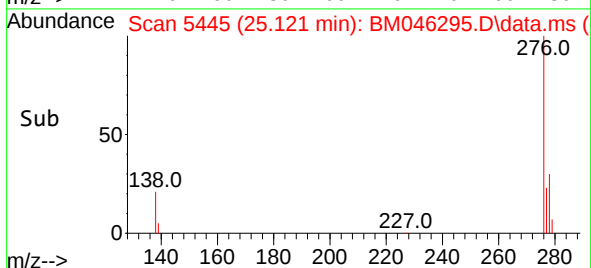
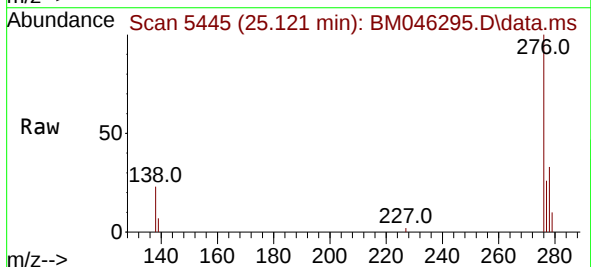
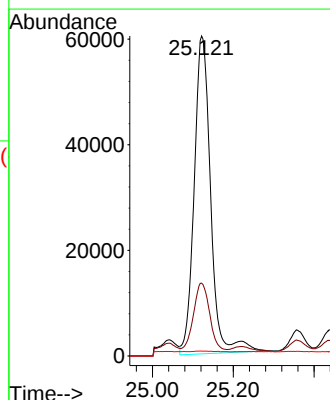
Delta R.T. -0.047 min

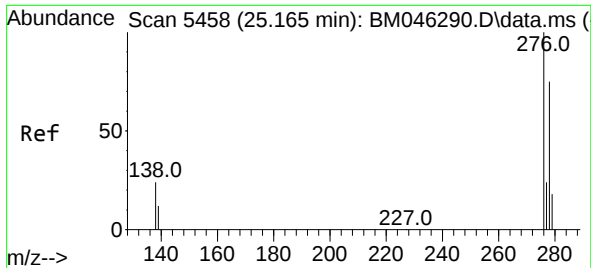
Lab File: BM046295.D

Acq: 25 Jun 2024 17:16

Tgt Ion:276 Resp: 170073

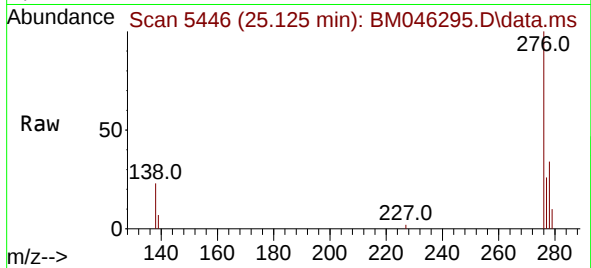
Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.0	31.4
227	9.6	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.613 ng/ul
RT: 25.125 min Scan# 5458
Delta R.T. -0.057 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

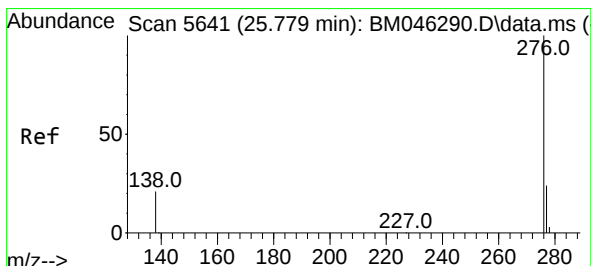
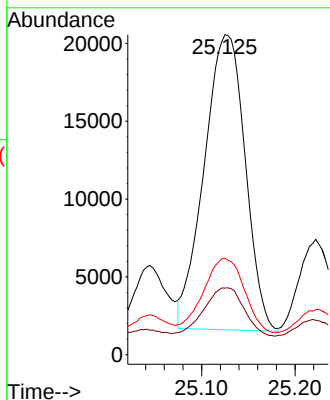
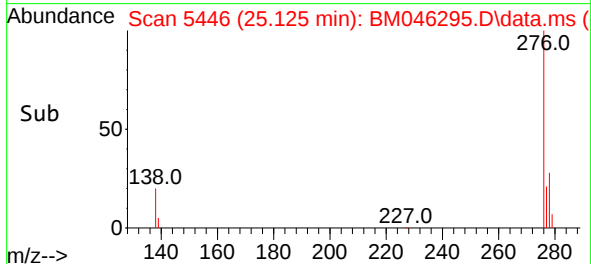
Instrument :
BNA_M
ClientSampleId :
A4C64MSD



Tgt Ion:278 Resp: 57910
Ion Ratio Lower Upper
278 100
139 20.8 17.6 26.4
279 30.2 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.566 ng/ul
RT: 25.745 min Scan# 5631
Delta R.T. -0.040 min
Lab File: BM046295.D
Acq: 25 Jun 2024 17:16

Tgt Ion:276 Resp: 23397
Ion Ratio Lower Upper
276 100
138 29.5 21.7 32.5
277 31.8 20.4 30.6#

