

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046887.D
 Acq On : 29 Jul 2024 17:17
 Operator : MA/JU
 Sample : P3264-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 29 18:56:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	2993	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.215	136	8646	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	5360	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	10128	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	7231	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	7838	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	883	0.421	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	455	0.033	ng/ul	-0.01
18) Fluoranthene-d10	18.908	212	811	0.034	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.264	128	1876	0.086	ng/ul#	91
7) 2-Methylnaphthalene	11.892	142	730	0.049	ng/ul	97
8) 1-Methylnaphthalene	12.112	142	605	0.039	ng/ul	99
10) Acenaphthylene	13.821	152	2872	0.117	ng/ul	96
11) Acenaphthene	14.172	153	3172	0.190	ng/ul	99
12) Fluorene	15.167	166	3587	0.172	ng/ul	97
15) Phenanthrene	16.904	178	65514	2.251	ng/ul	97
16) Anthracene	16.996	178	11523	0.425	ng/ul	99
19) Fluoranthene	18.936	202	117820	3.710	ng/ul	99
20) Pyrene	19.303	202	88441	2.692	ng/ul	98
21) Benzo(a)anthracene	21.067	228	45047	1.495	ng/ul	99
22) Chrysene	21.117	228	49199	1.607	ng/ul	99
24) Benzo(b)fluoranthene	22.584	252	66327m	1.927	ng/ul	
25) Benzo(k)fluoranthene	22.619	252	22494m	0.649	ng/ul	
26) Benzo(a)pyrene	23.116	252	26970	1.092	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.310	276	24795	0.652	ng/ul	97
28) Dibenzo(a,h)anthracene	25.316	278	7338	0.264	ng/ul#	84
29) Benzo(g,h,i)perylene	25.950	276	3958	0.118	ng/ul#	77

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

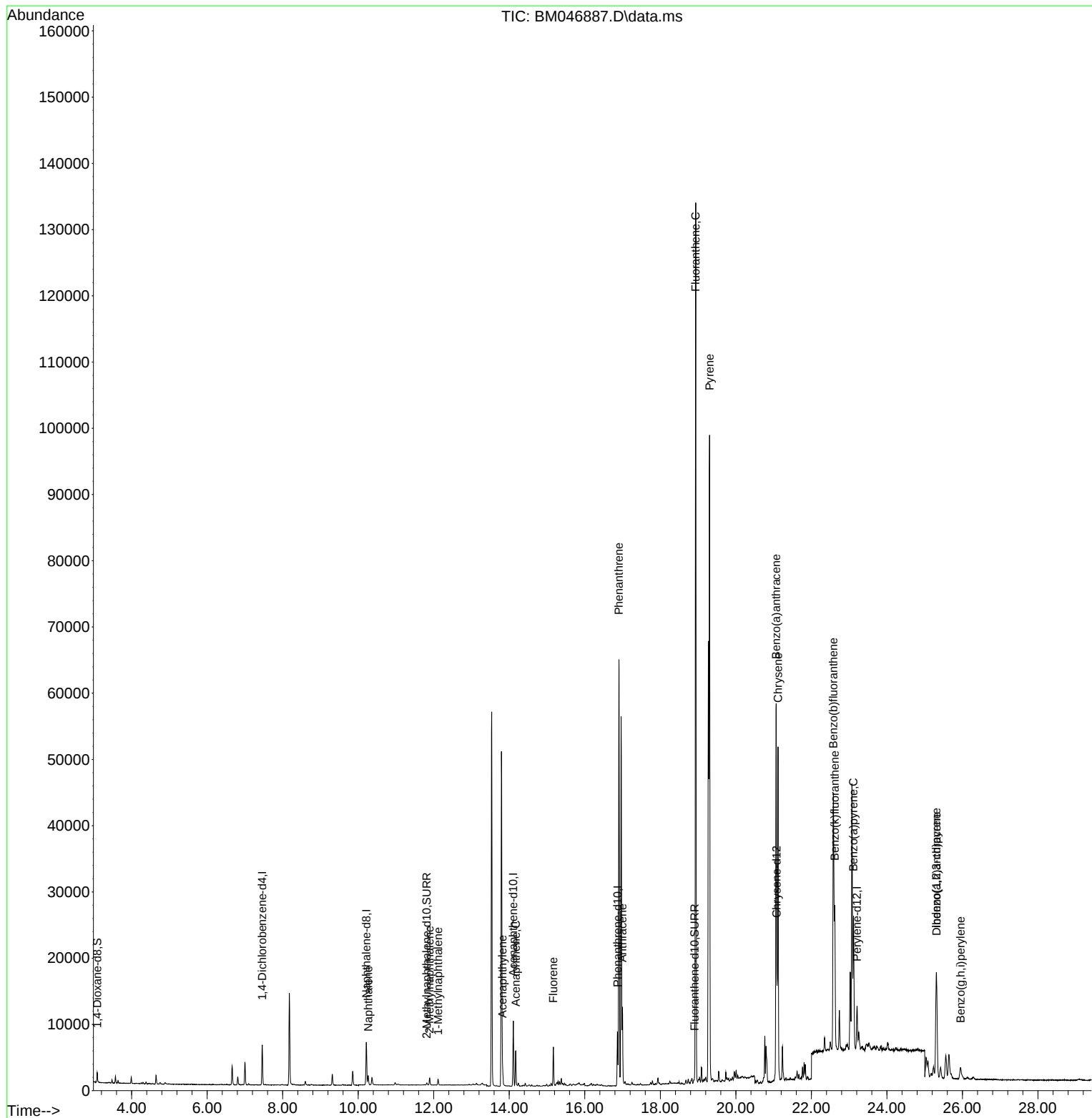
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046887.D
Acq On : 29 Jul 2024 17:17
Operator : MA/JU
Sample : P3264-18DL 5X
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ALS Vial : 8 Sample Multiplier: 1

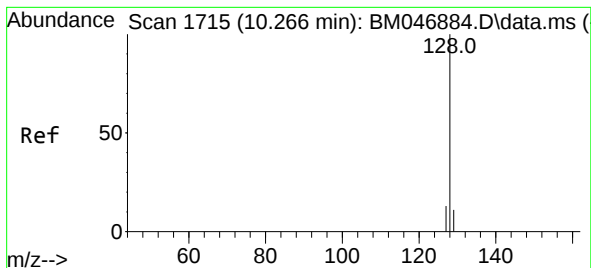
Instrument :
BNA_M
ClientSampleId :
A4CM6DL

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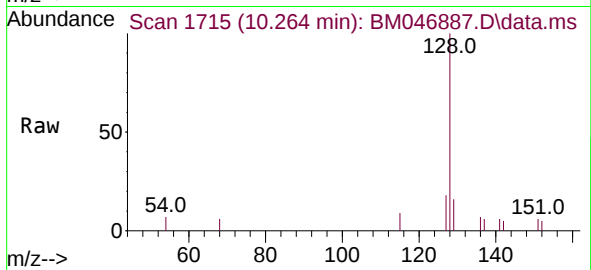
Quant Time: Jul 29 18:56:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.264 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

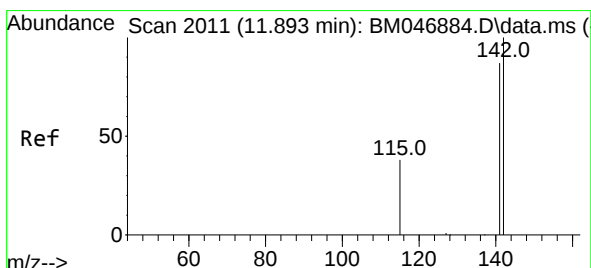
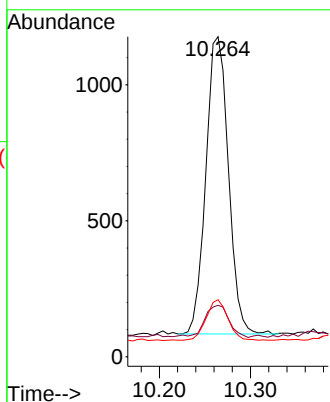
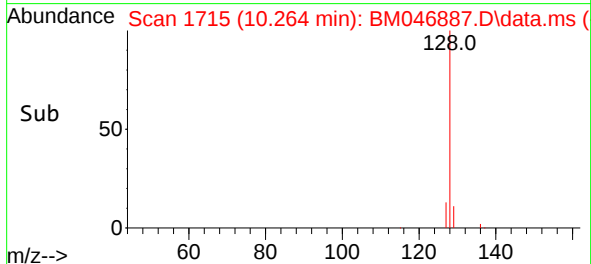
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:128 Resp: 1870
Ion Ratio Lower Upper
128 100
129 16.1 10.1 15.1
127 17.8 11.5 17.3

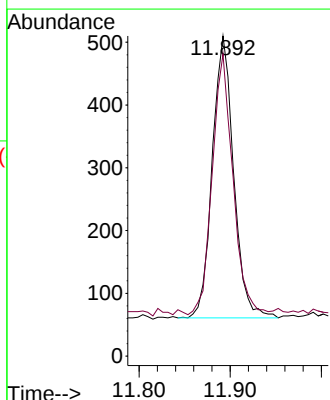
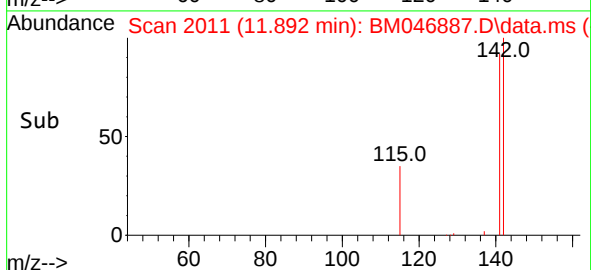
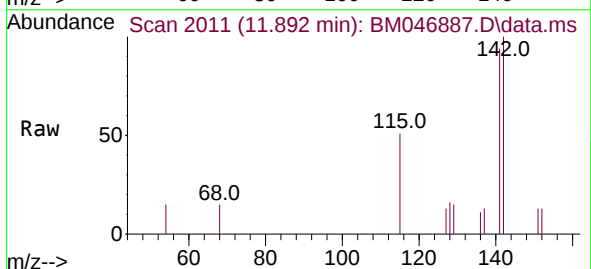
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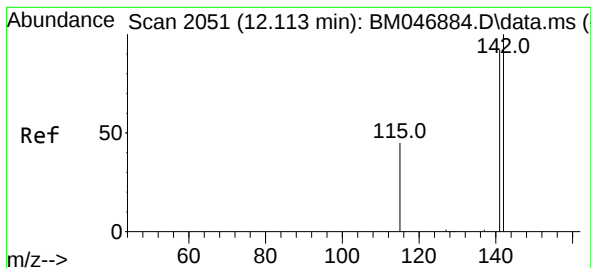
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

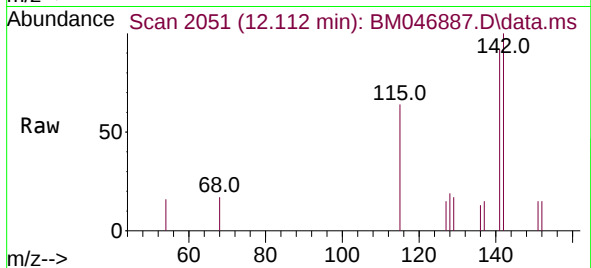
Tgt Ion:142 Resp: 730
Ion Ratio Lower Upper
142 100
141 91.1 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

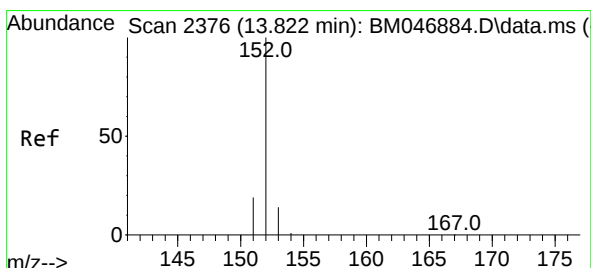
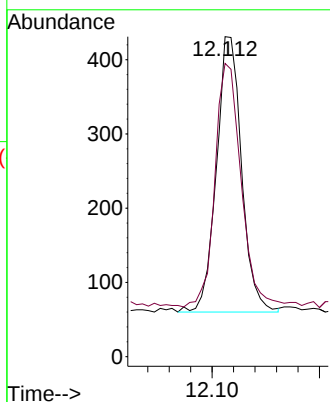
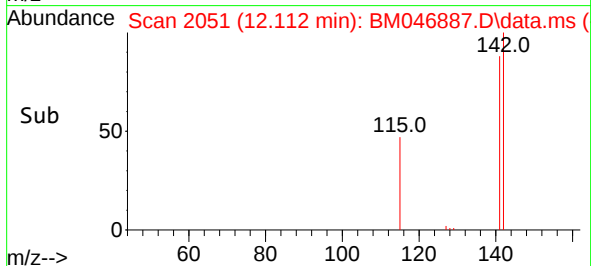
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
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141 92.2 73.1 109.7

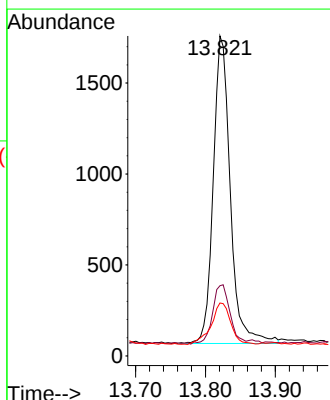
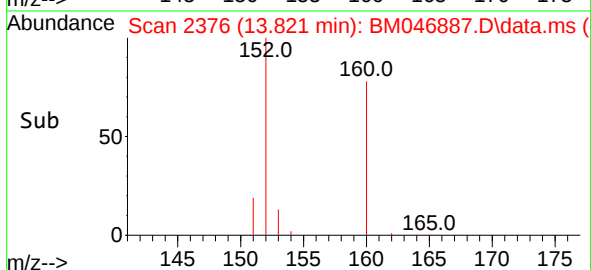
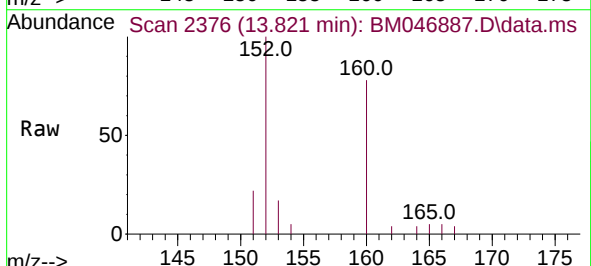
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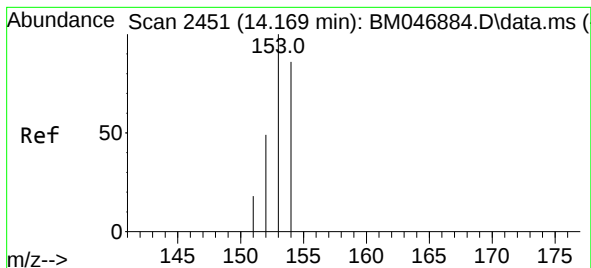
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 13.821 min Scan# 2376
Delta R.T. -0.011 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

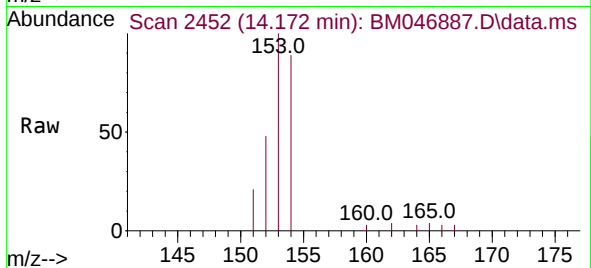
Tgt Ion:152 Resp: 2872
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 16.5 11.0 16.6





#11
Acenaphthene
Concen: 0.190 ng/u1
RT: 14.172 min Scan# 2452
Delta R.T. -0.011 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

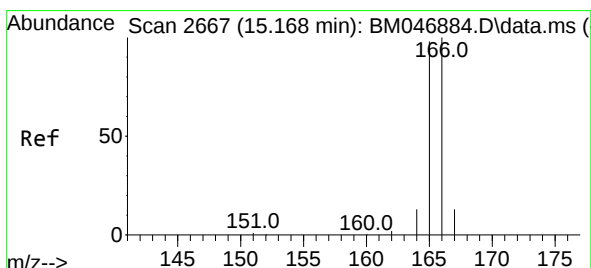
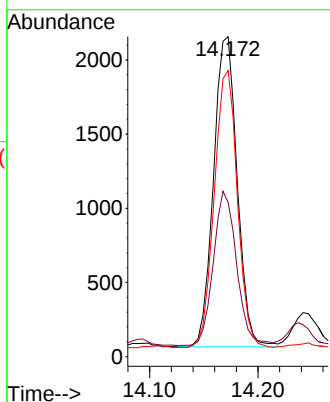
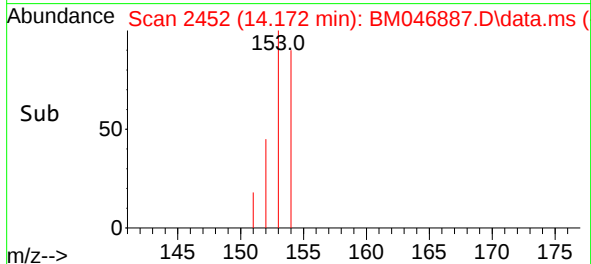
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:153 Resp: 3172
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 89.4 70.8 106.2

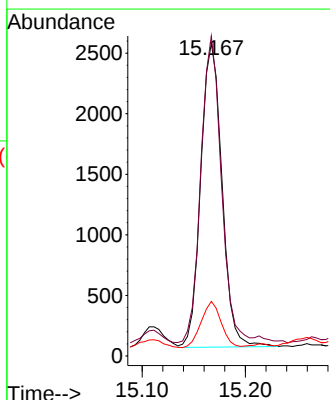
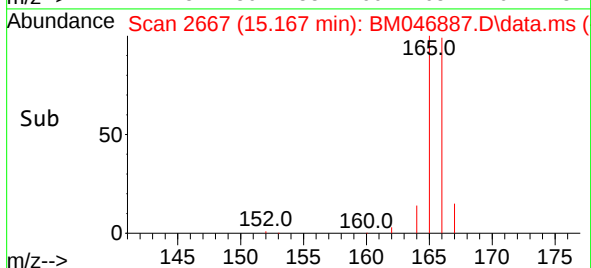
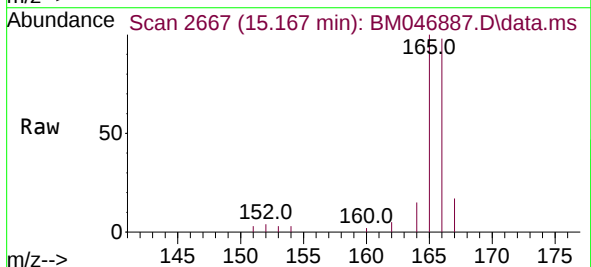
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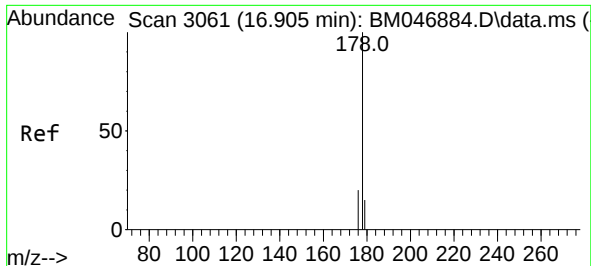
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.172 ng/u1
RT: 15.167 min Scan# 2667
Delta R.T. -0.011 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

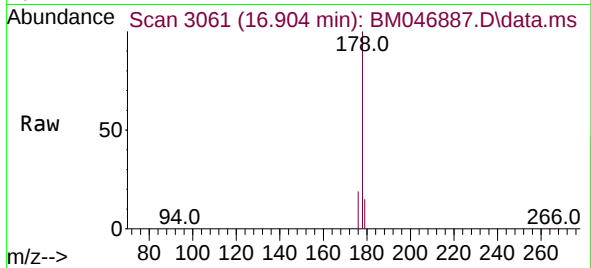
Tgt Ion:166 Resp: 3587
Ion Ratio Lower Upper
166 100
165 102.4 79.8 119.6
167 17.5 12.3 18.5





#15
Phenanthrene
Concen: 2.251 ng/ul
RT: 16.904 min Scan# 3061
Delta R.T. -0.010 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

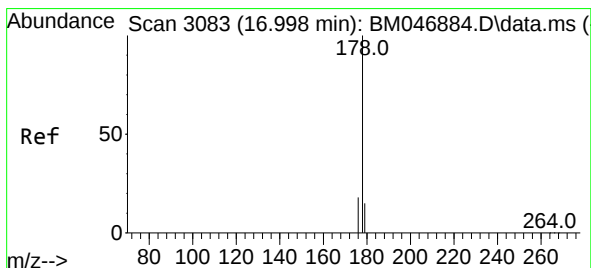
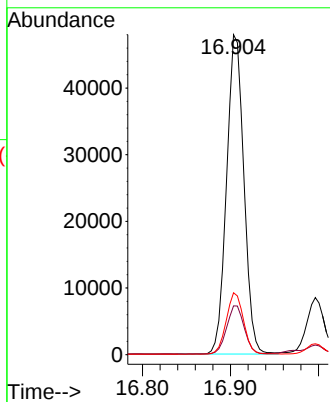
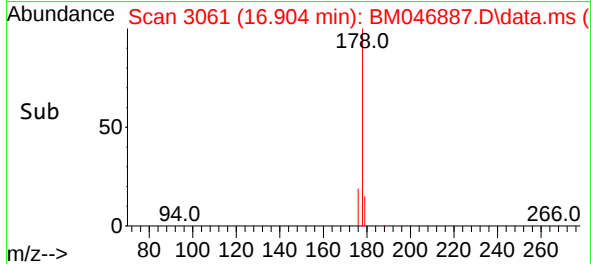
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:178 Resp: 65514
Ion Ratio Lower Upper
178 100
179 15.2 13.4 20.2
176 19.3 16.1 24.1

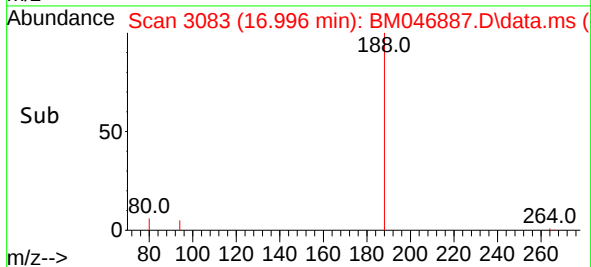
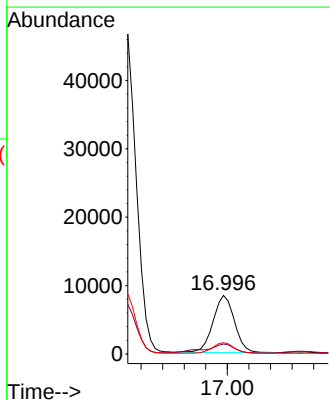
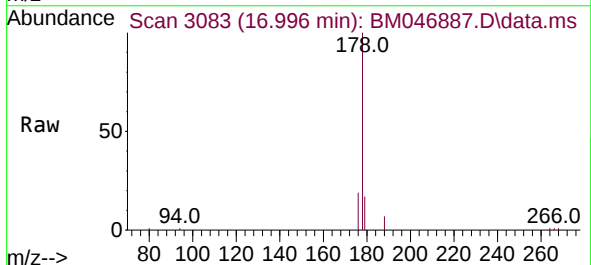
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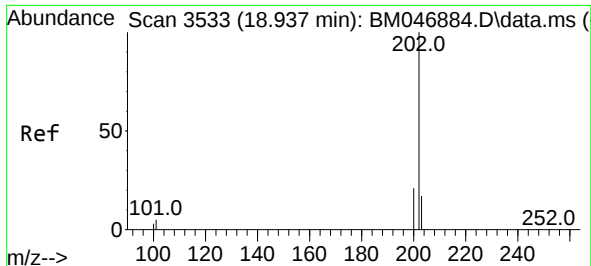
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.425 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

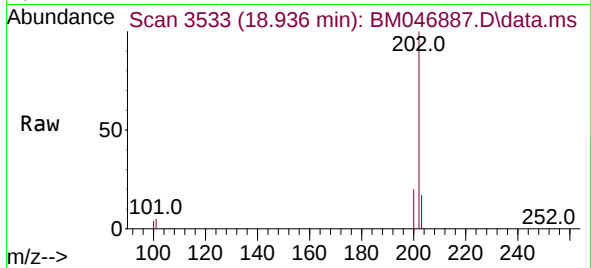
Tgt Ion:178 Resp: 11523
Ion Ratio Lower Upper
178 100
179 16.9 13.1 19.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 3.710 ng/ul
RT: 18.936 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

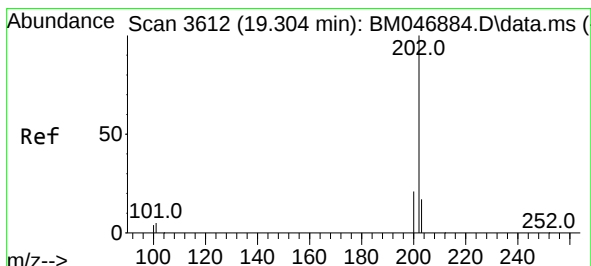
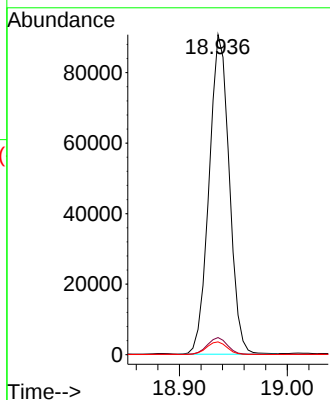
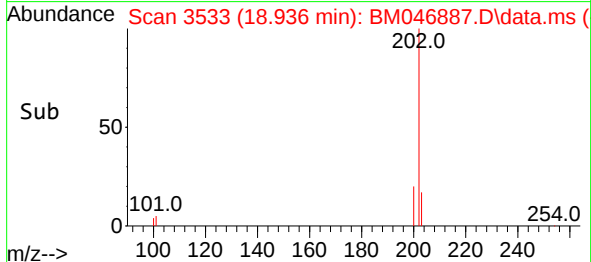
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:202 Resp: 117820
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 4.0 3.4 5.2

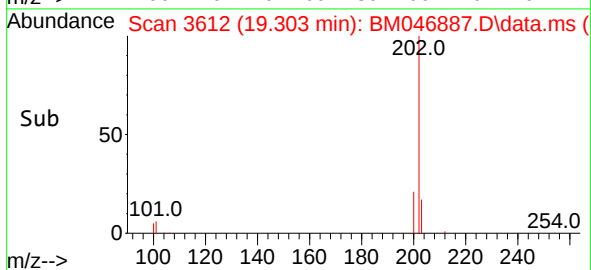
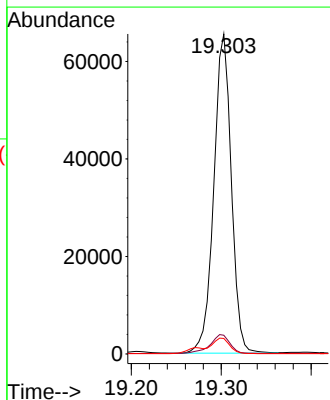
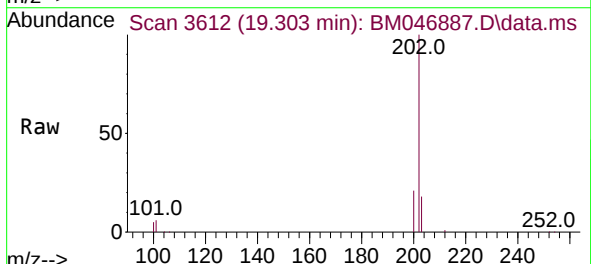
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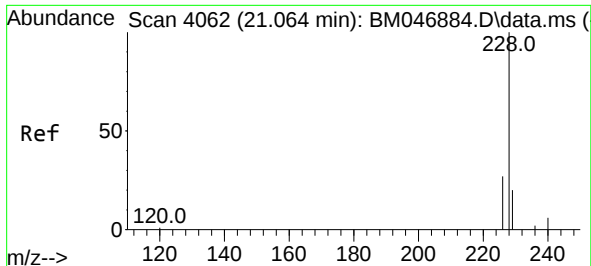
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 2.692 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

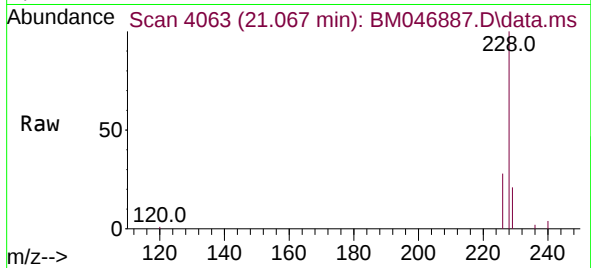
Tgt Ion:202 Resp: 88441
Ion Ratio Lower Upper
202 100
101 5.8 5.2 7.8
100 4.9 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.495 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

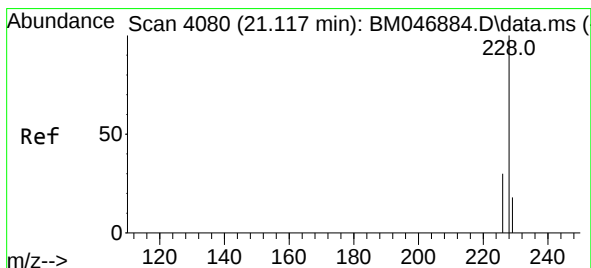
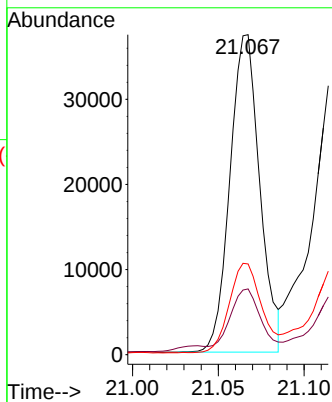
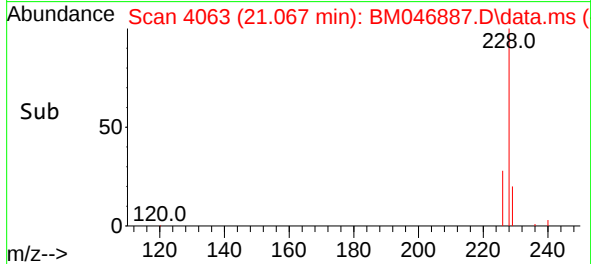
Instrument :
BNA_M
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A4CM6DL



Tgt Ion:228 Resp: 4504
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 28.4 22.3 33.5

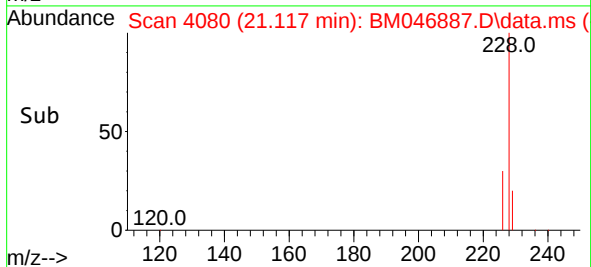
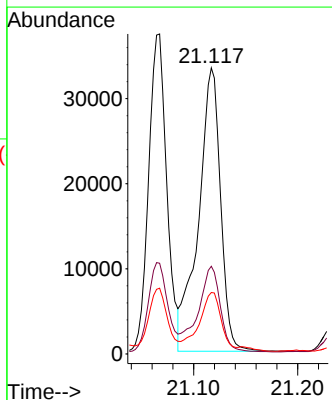
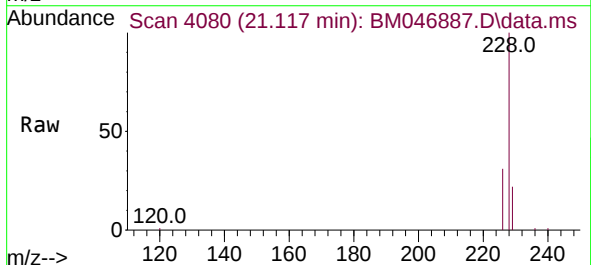
Manual Integrations
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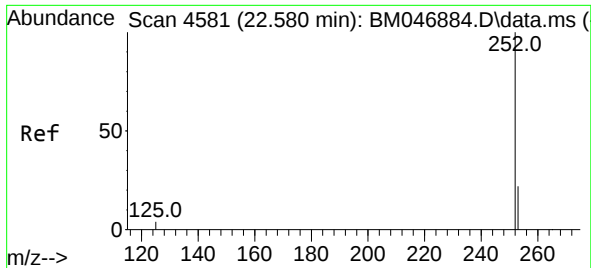
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 1.607 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

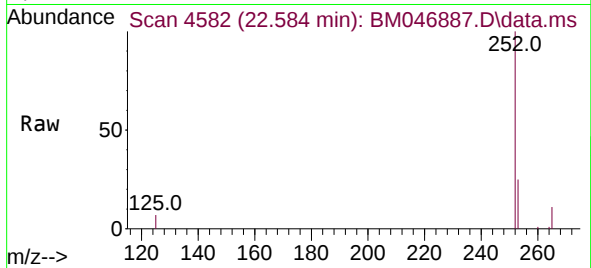
Tgt Ion:228 Resp: 49199
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.927 ng/ul m
RT: 22.584 min Scan# 4582
Delta R.T. 0.003 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

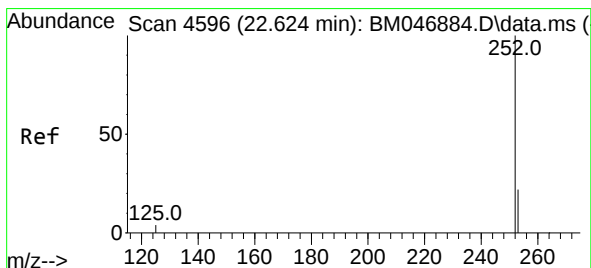
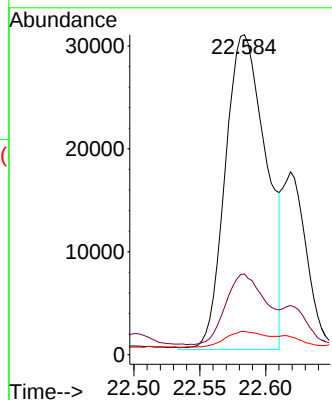
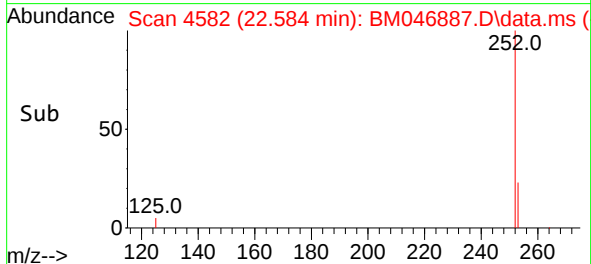
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:252 Resp: 6632
Ion Ratio Lower Upper
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253 25.3 0.0 56.4
125 7.3 0.0 15.8

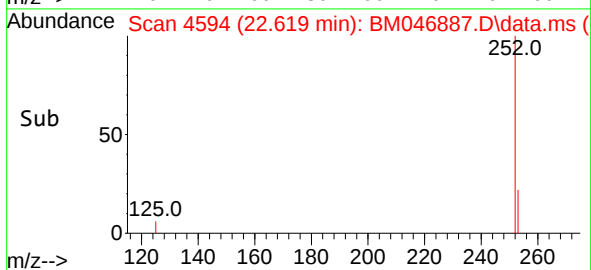
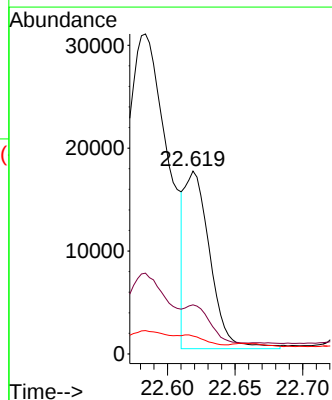
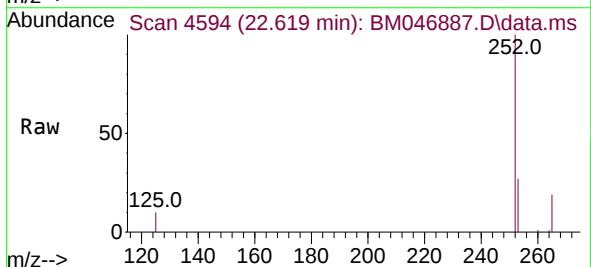
Manual Integrations
APPROVED

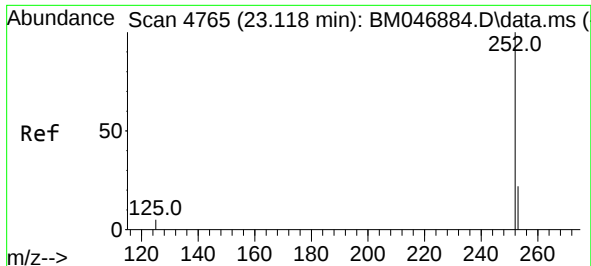
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.649 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

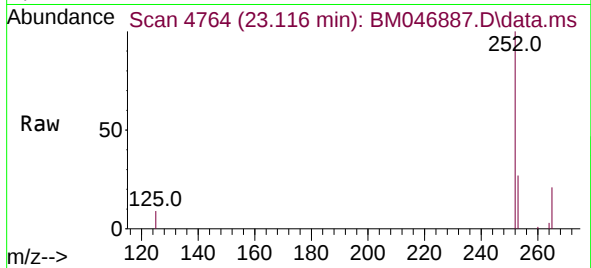
Tgt Ion:252 Resp: 22494
Ion Ratio Lower Upper
252 100
253 26.9 23.5 35.3
125 9.8 8.6 13.0





#26
Benzo(a)pyrene
Concen: 1.092 ng/ul
RT: 23.116 min Scan# 4765
Delta R.T. -0.002 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

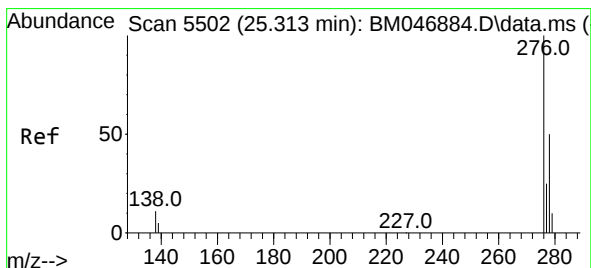
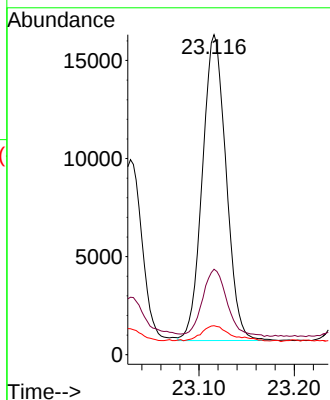
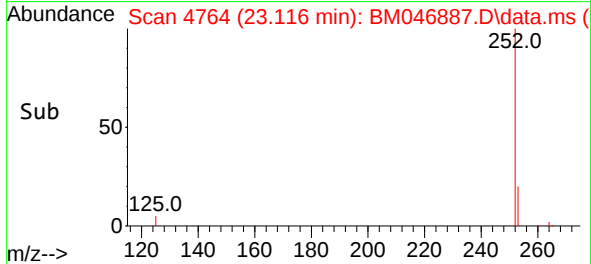
Instrument :
BNA_M
ClientSampleId :
A4CM6DL



Tgt Ion:252 Resp: 26970
Ion Ratio Lower Upper
252 100
253 26.7 26.0 39.0
125 9.1 7.8 11.8

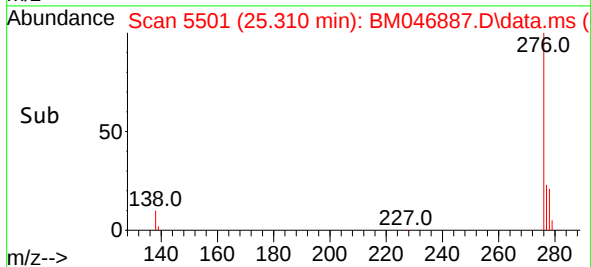
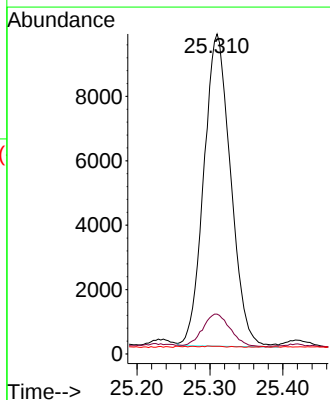
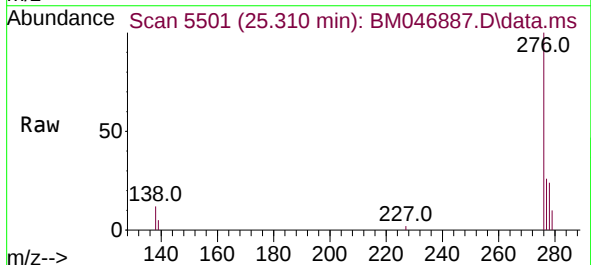
Manual Integrations
APPROVED

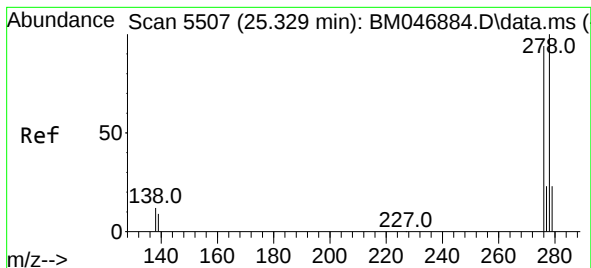
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.652 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046887.D
Acq: 29 Jul 2024 17:17

Tgt Ion:276 Resp: 24795
Ion Ratio Lower Upper
276 100
138 11.0 9.7 14.5
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.264 ng/ul

RT: 25.316 min Scan# 5503

Delta R.T. -0.016 min

Lab File: BM046887.D

Acq: 29 Jul 2024 17:17

Instrument :

BNA_M

ClientSampleId :

A4CM6DL

Tgt Ion:278 Resp: 7338

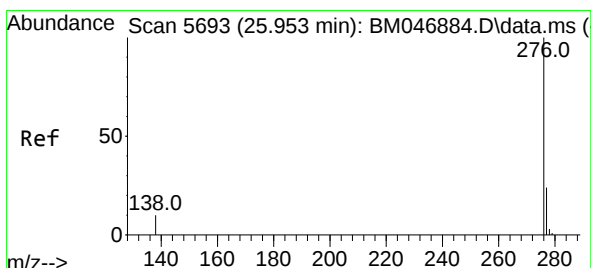
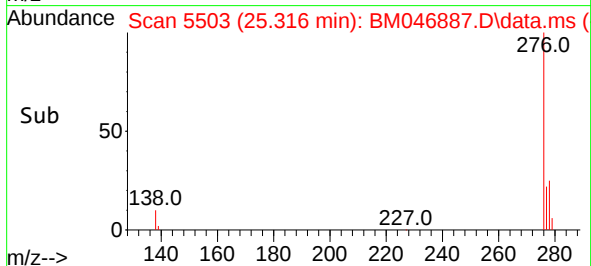
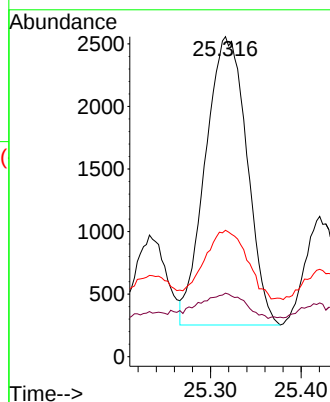
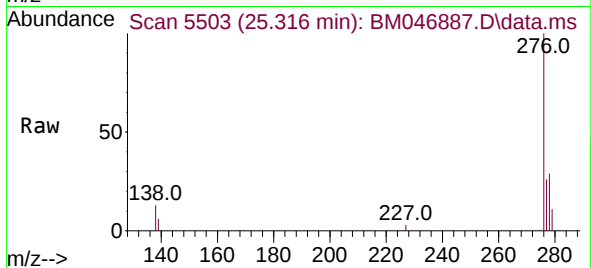
Ion	Ratio	Lower	Upper
278	100		
139	19.9	9.8	14.8#
279	39.5	25.2	37.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#29

Benzo(g,h,i)perylene

Concen: 0.118 ng/ul

RT: 25.950 min Scan# 5692

Delta R.T. -0.003 min

Lab File: BM046887.D

Acq: 29 Jul 2024 17:17

Tgt Ion:276 Resp: 3958

Ion	Ratio	Lower	Upper
276	100		
138	24.2	9.5	14.3#
277	35.8	20.9	31.3#

