

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046888.D
 Acq On : 29 Jul 2024 17:54
 Operator : MA/JU
 Sample : P3263-11DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 18:58:22 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	3086	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.215	136	8743	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	5432	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	11398	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	8806	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	9888	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1561	0.722	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	719	0.052	ng/ul	-0.01
18) Fluoranthene-d10	18.908	212	1448	0.050	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.264	128	897	0.041	ng/ul#	81
7) 2-Methylnaphthalene	11.892	142	391	0.026	ng/ul	98
10) Acenaphthylene	13.821	152	1448	0.058	ng/ul#	88
11) Acenaphthene	14.168	153	631	0.037	ng/ul	94
12) Fluorene	15.167	166	820	0.039	ng/ul#	89
15) Phenanthrene	16.904	178	13678	0.418	ng/ul	100
16) Anthracene	16.996	178	3055	0.100	ng/ul#	93
19) Fluoranthene	18.936	202	22286	0.576	ng/ul	100
20) Pyrene	19.303	202	20676	0.517	ng/ul	100
21) Benzo(a)anthracene	21.064	228	9861	0.269	ng/ul	94
22) Chrysene	21.114	228	10278	0.276	ng/ul	96
24) Benzo(b)fluoranthene	22.578	252	13597m	0.313	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	4670m	0.107	ng/ul	
26) Benzo(a)pyrene	23.113	252	9055	0.291	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.306	276	6498	0.135	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.313	278	1637	0.047	ng/ul#	5
29) Benzo(g,h,i)perylene	25.947	276	6430	0.152	ng/ul#	90

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

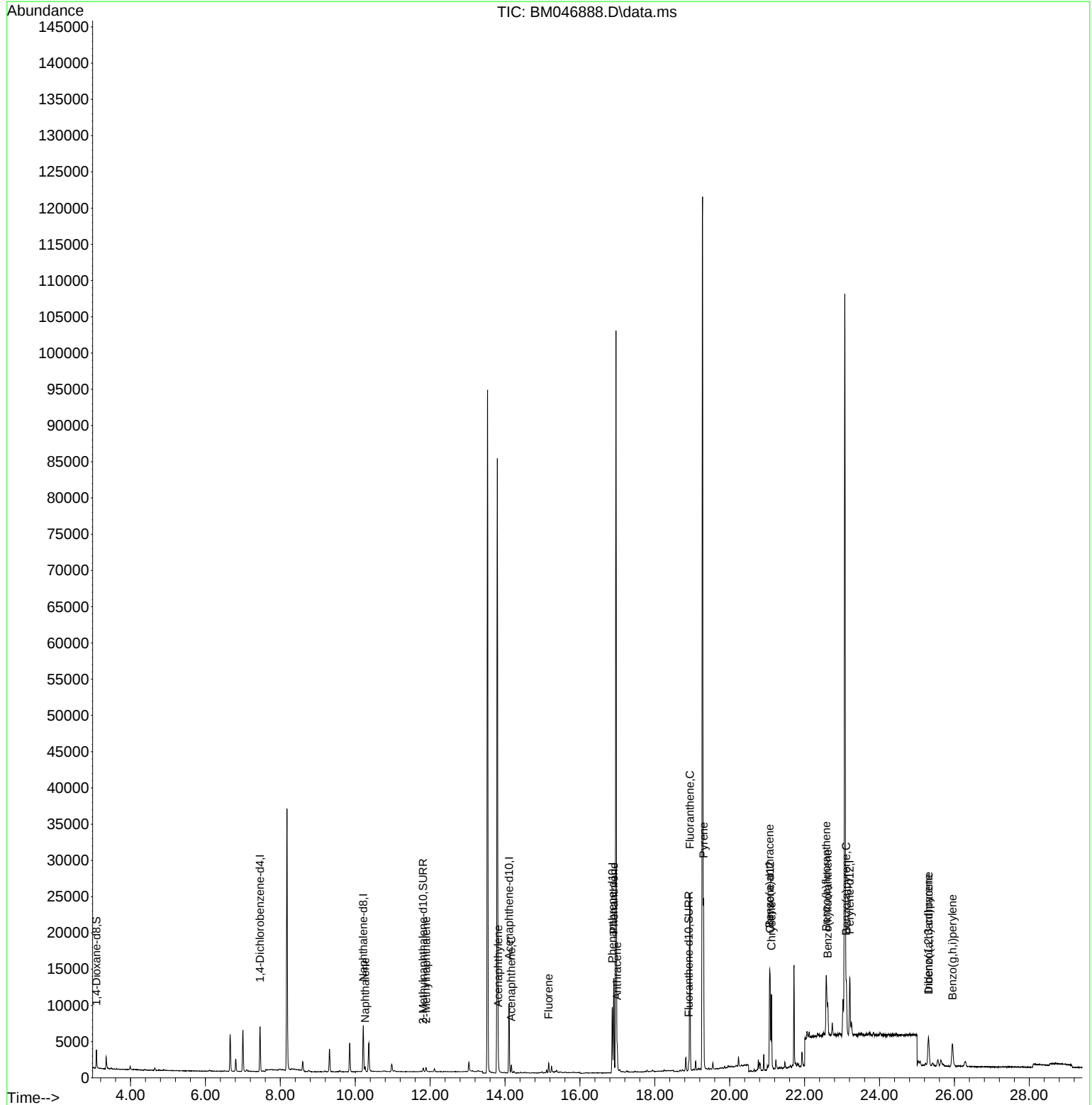
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046888.D
Acq On : 29 Jul 2024 17:54
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ALS Vial : 9 Sample Multiplier: 1

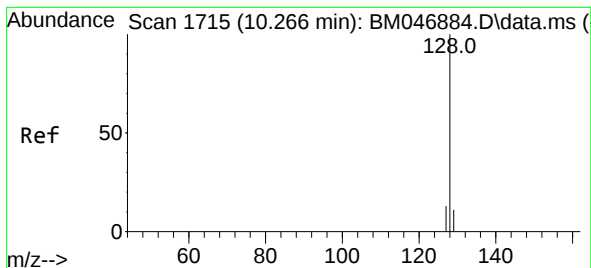
Instrument :
BNA_M
ClientSampleId :
A4BD7DL

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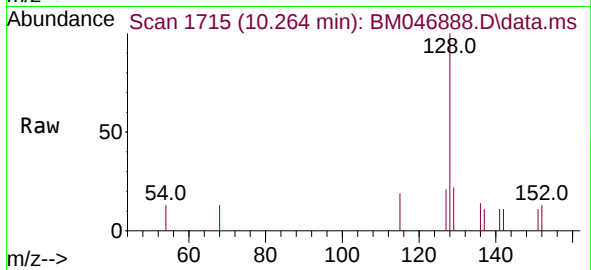
Quant Time: Jul 29 18:58:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.264 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

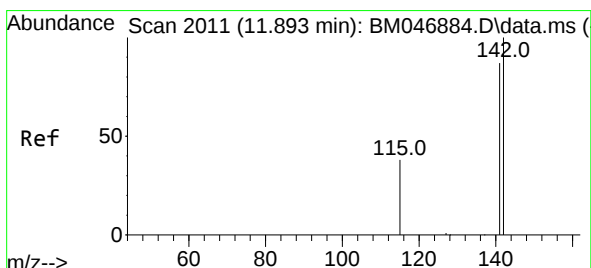
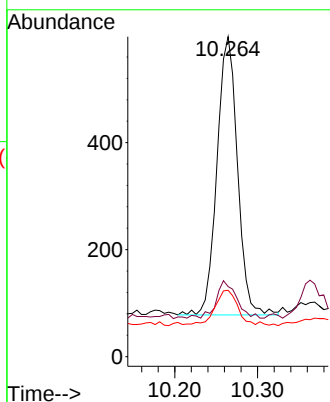
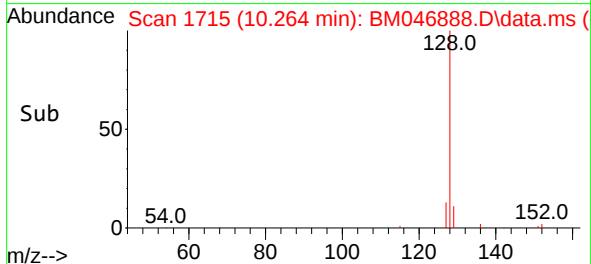
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:128 Resp: 891
Ion Ratio Lower Upper
128 100
129 21.9 10.1 15.1
127 20.7 11.5 17.3

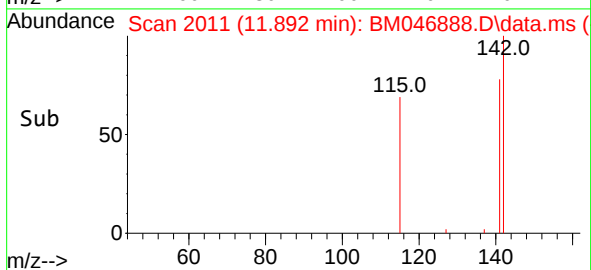
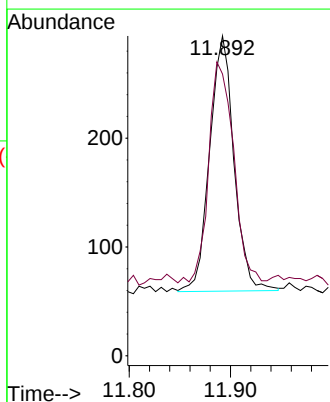
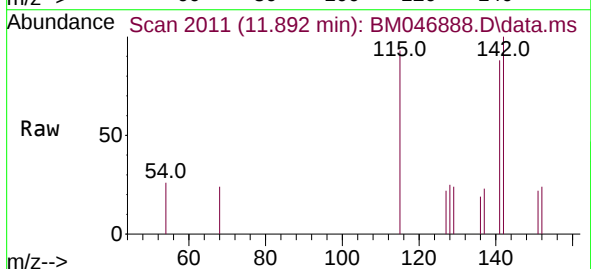
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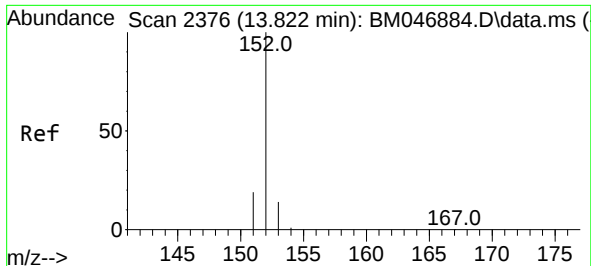
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

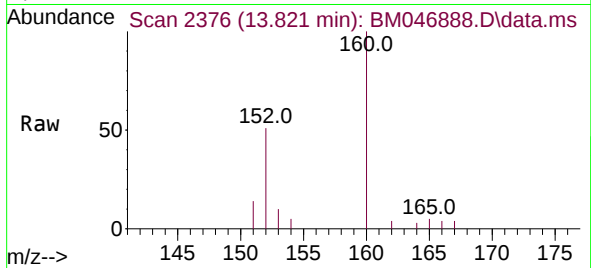
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7





#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.821 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

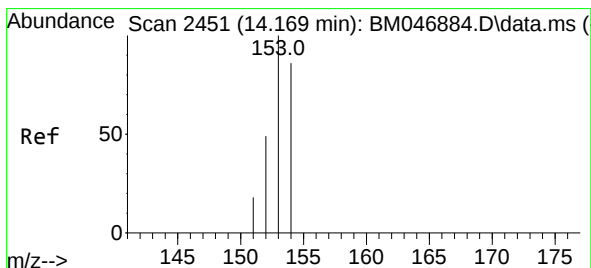
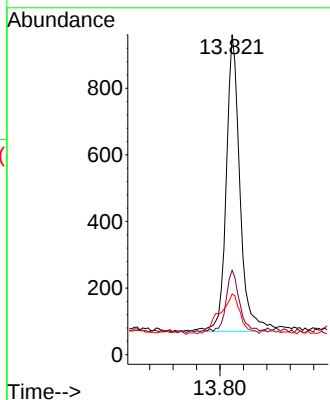
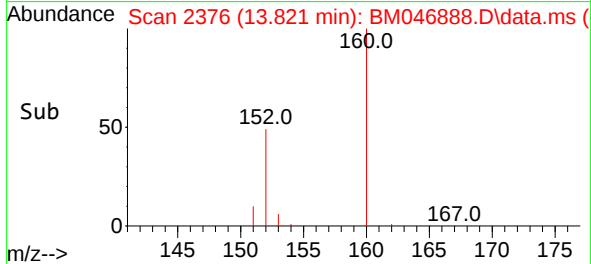
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:152 Resp: 1448
Ion Ratio Lower Upper
152 100
151 26.3 16.8 25.2
153 18.9 11.0 16.6

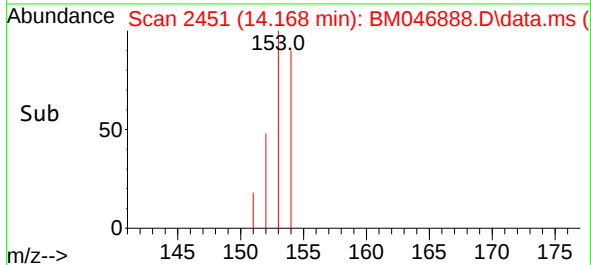
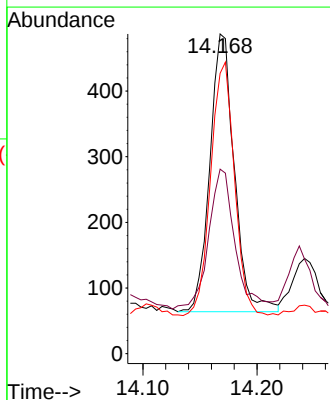
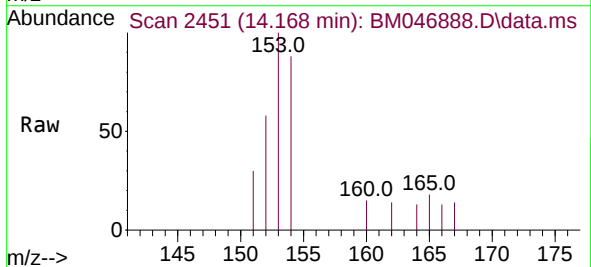
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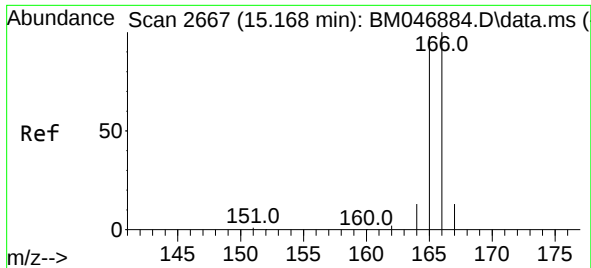
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.015 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

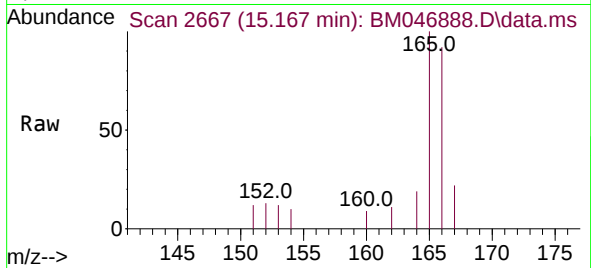
Tgt Ion:153 Resp: 631
Ion Ratio Lower Upper
153 100
152 57.7 38.6 57.8
154 87.7 70.8 106.2





#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.011 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

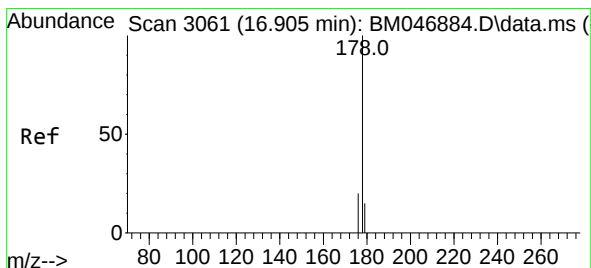
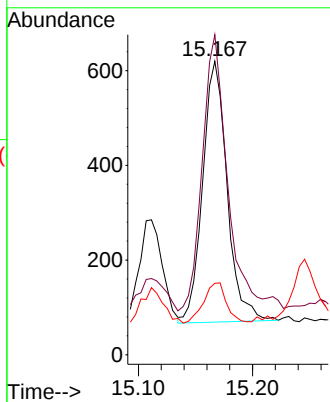
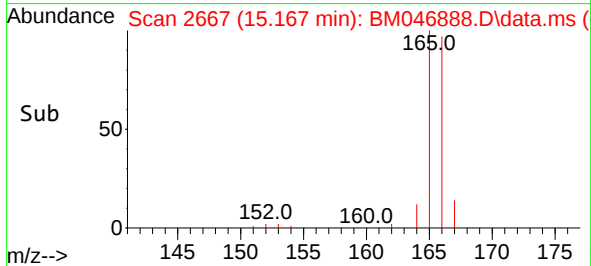
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:166 Resp: 820
Ion Ratio Lower Upper
166 100
165 109.0 79.8 119.6
167 24.4 12.3 18.5

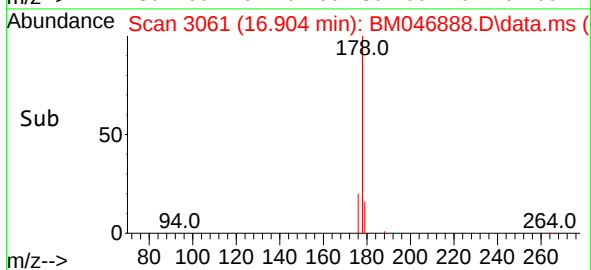
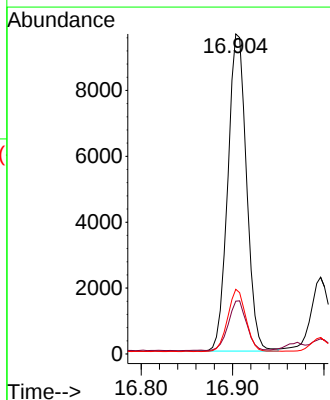
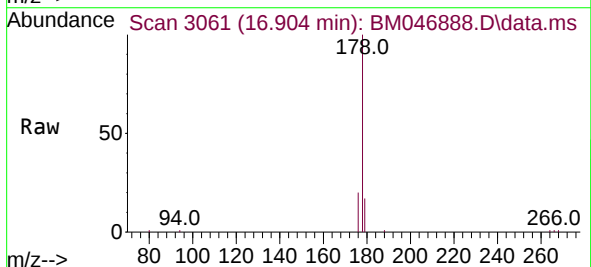
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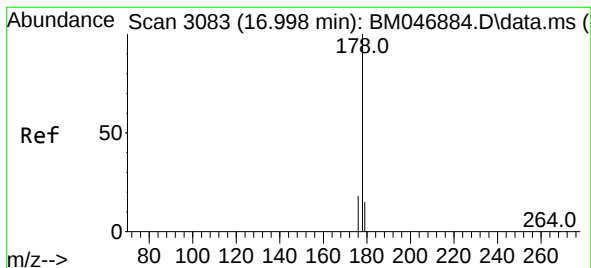
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 16.904 min Scan# 3061
Delta R.T. -0.010 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

Tgt Ion:178 Resp: 13678
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 20.2 16.1 24.1





#16

Anthracene

Concen: 0.100 ng/ul

RT: 16.996 min Scan# 3083

Delta R.T. -0.010 min

Lab File: BM046888.D

Acq: 29 Jul 2024 17:54

Instrument :

BNA_M

ClientSampleId :

A4BD7DL

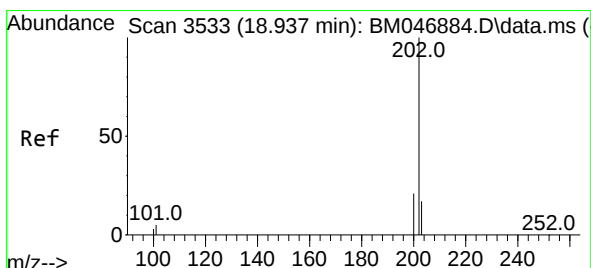
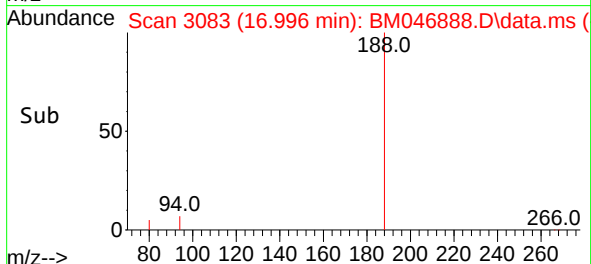
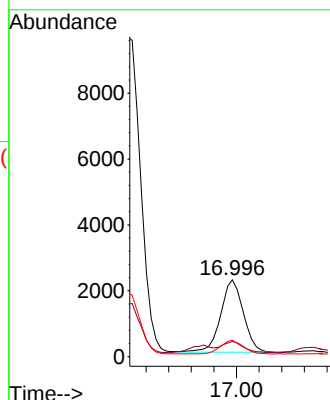
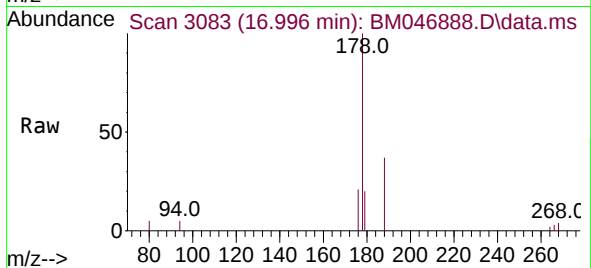
Tgt Ion:178	Resp:	305
Ion Ratio	Lower	Upper
178	100	
179	19.7	13.1 19.7
176	21.4	15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#19

Fluoranthene

Concen: 0.576 ng/ul

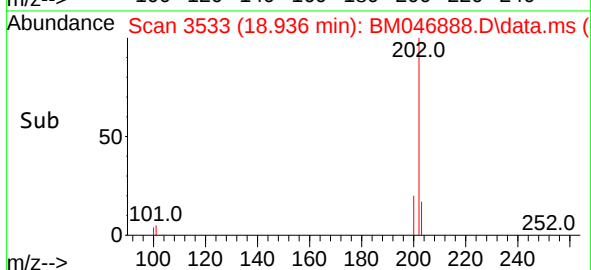
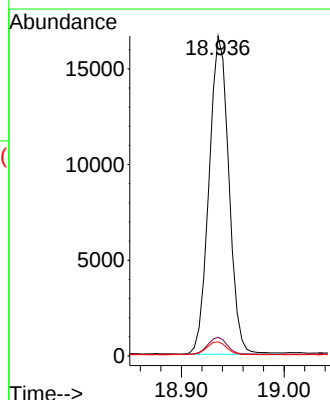
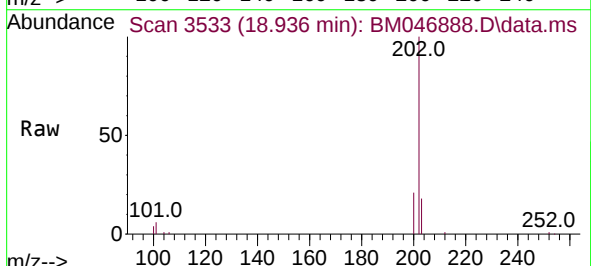
RT: 18.936 min Scan# 3533

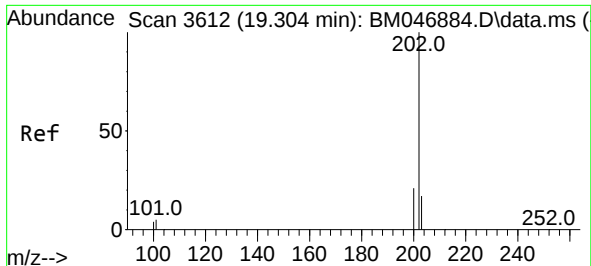
Delta R.T. -0.006 min

Lab File: BM046888.D

Acq: 29 Jul 2024 17:54

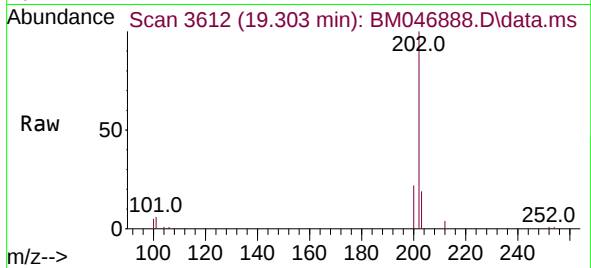
Tgt Ion:202	Resp:	22286
Ion Ratio	Lower	Upper
202	100	
101	5.9	4.7 7.1
100	4.4	3.4 5.2





#20
Pyrene
Concen: 0.517 ng/ul
RT: 19.303 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

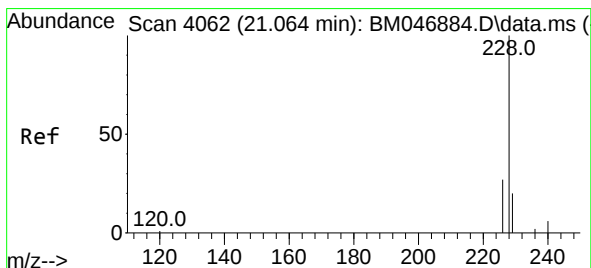
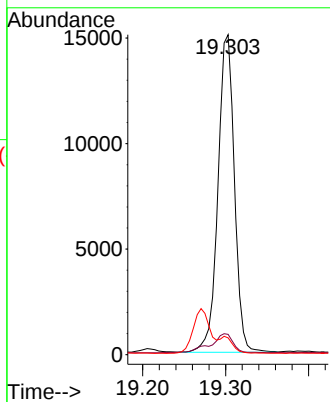
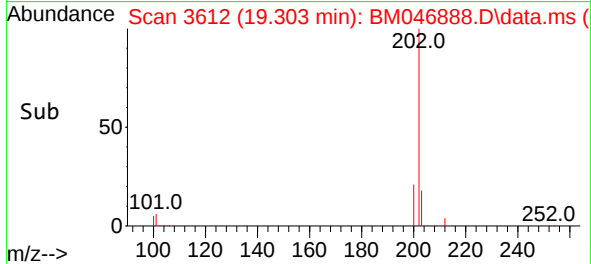
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:202 Resp: 20670
Ion Ratio Lower Upper
202 100
101 6.3 5.2 7.8
100 5.3 4.3 6.5

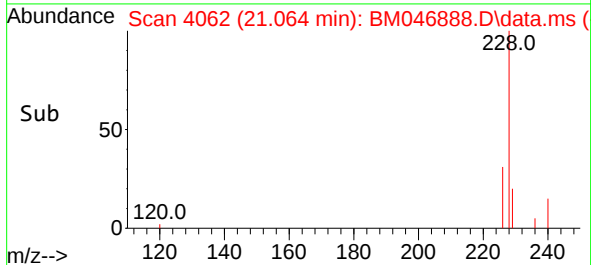
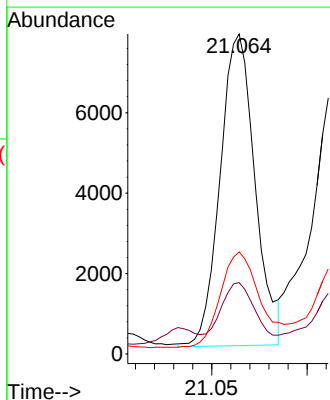
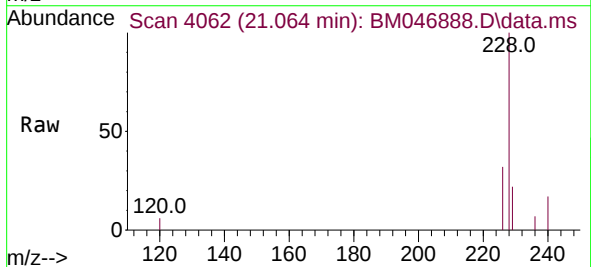
Manual Integrations
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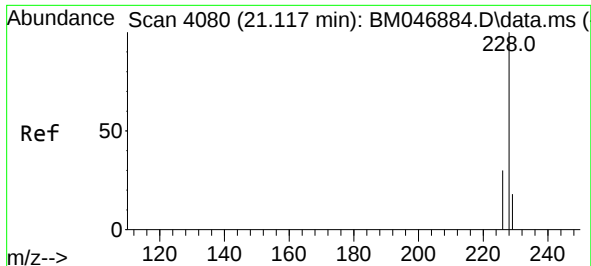
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

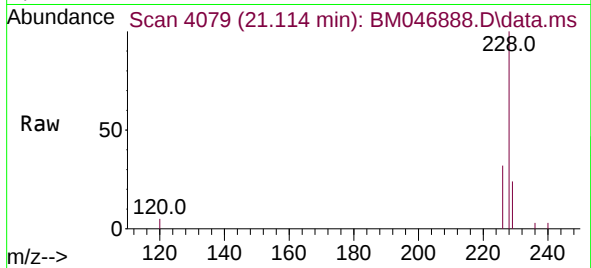
Tgt Ion:228 Resp: 9861
Ion Ratio Lower Upper
228 100
229 22.3 16.3 24.5
226 31.9 22.3 33.5





#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.114 min Scan# 4080
Delta R.T. -0.003 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

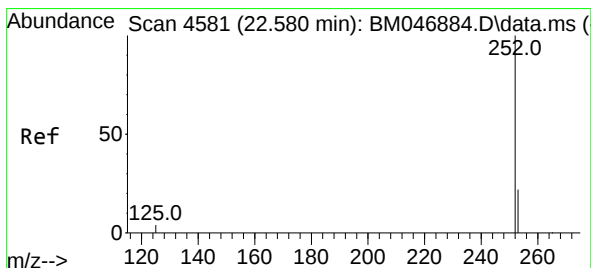
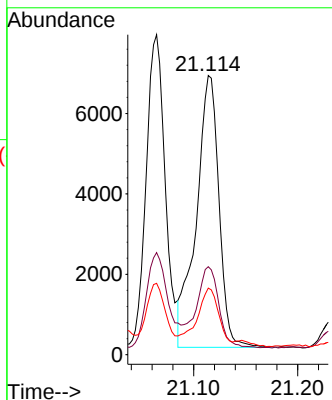
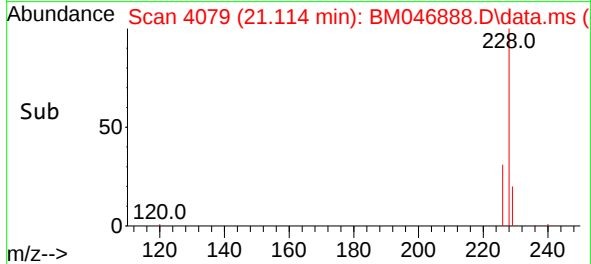
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:228 Resp: 10278
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 23.8 16.2 24.2

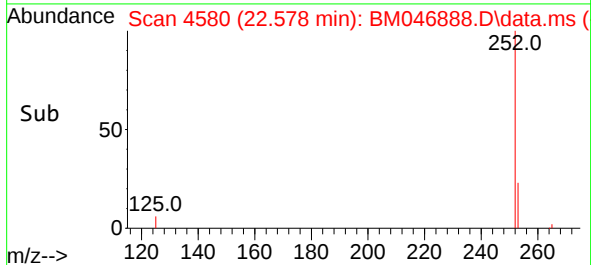
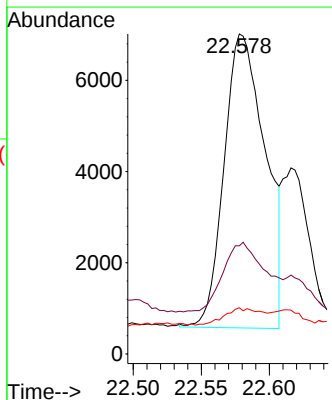
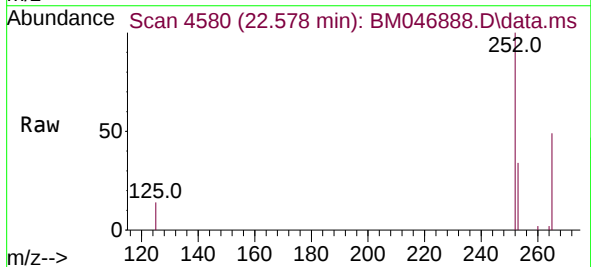
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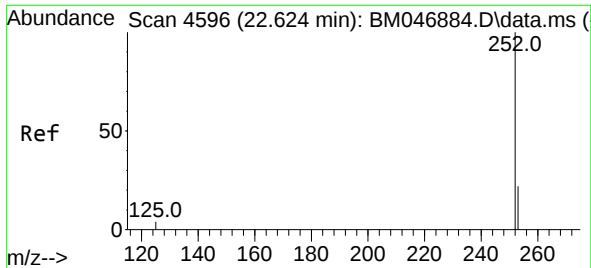
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul m
RT: 22.578 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

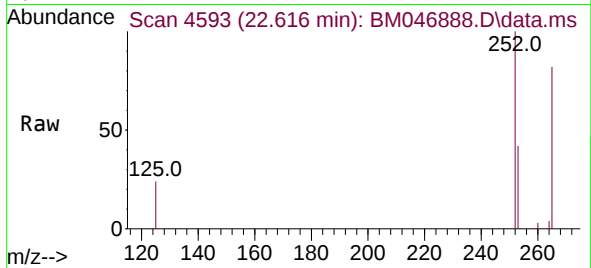
Tgt Ion:252 Resp: 13597
Ion Ratio Lower Upper
252 100
253 33.8 0.0 56.4
125 14.5 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.005 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

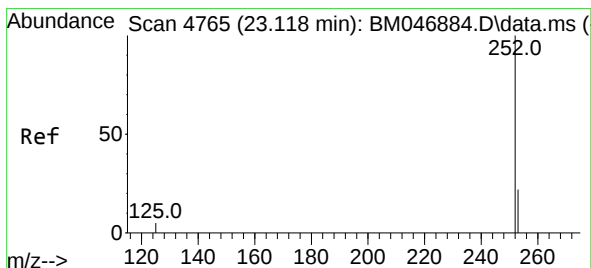
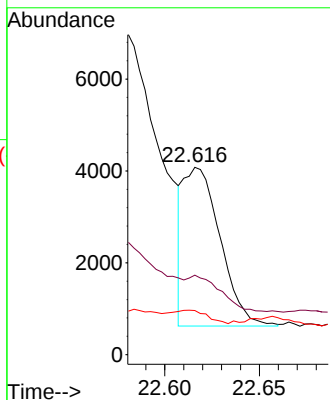
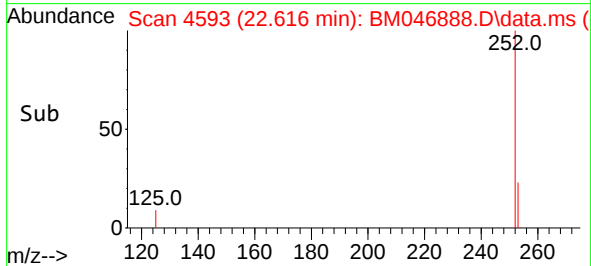
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:252 Resp: 4670
Ion Ratio Lower Upper
252 100
253 42.4 23.5 35.3
125 23.5 8.6 13.0

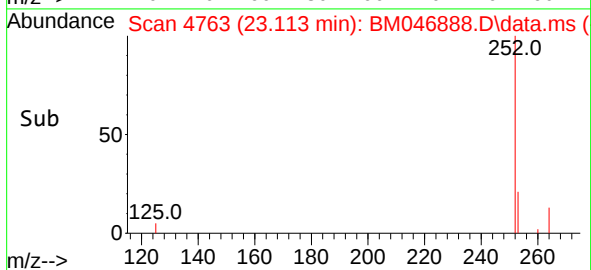
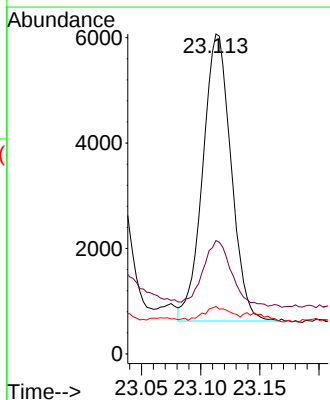
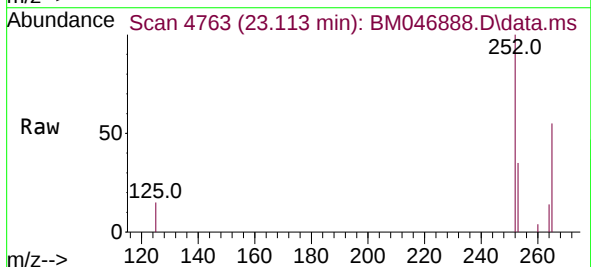
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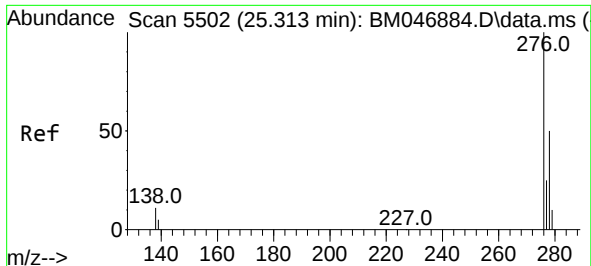
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.113 min Scan# 4763
Delta R.T. -0.005 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

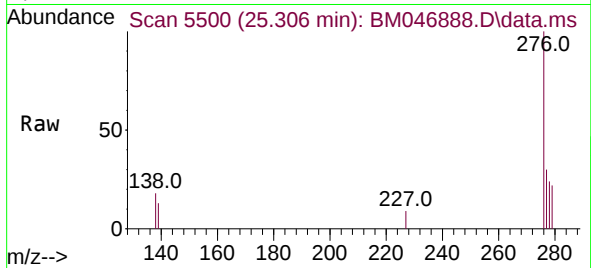
Tgt Ion:252 Resp: 9055
Ion Ratio Lower Upper
252 100
253 35.4 26.0 39.0
125 14.8 7.8 11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 25.306 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

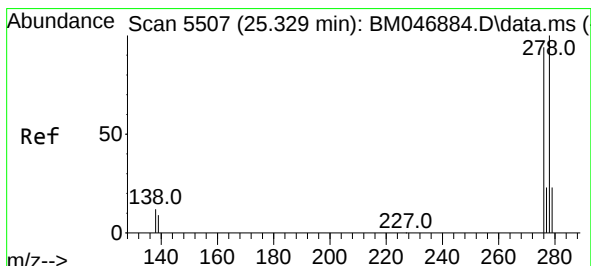
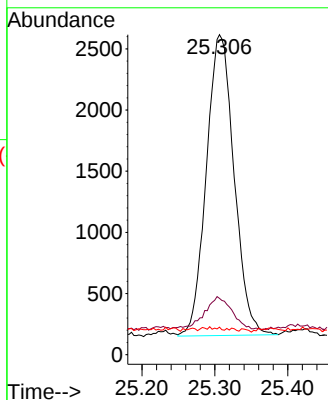
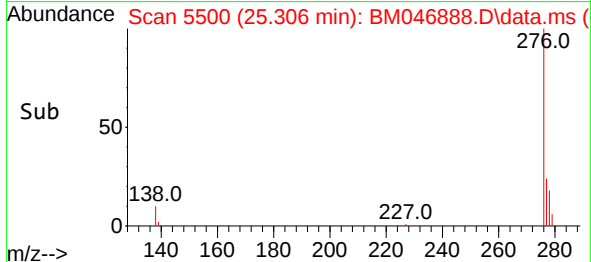
Instrument :
BNA_M
ClientSampleId :
A4BD7DL



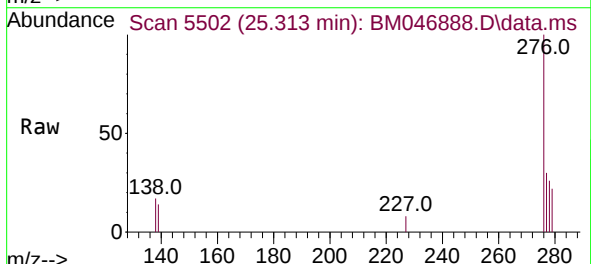
Tgt Ion:276 Resp: 6498
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.0 0.2 0.2

Manual Integrations
APPROVED

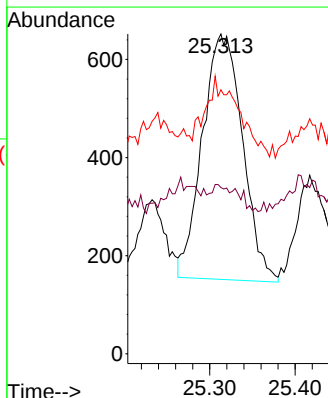
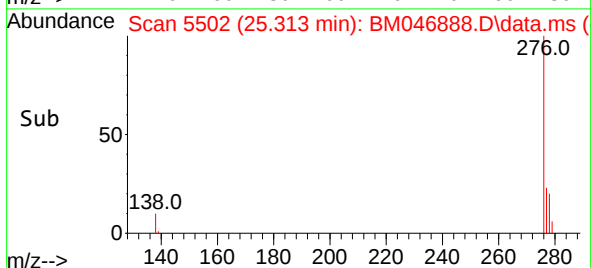
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

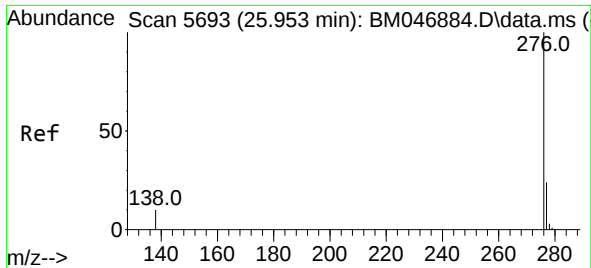


#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.020 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54



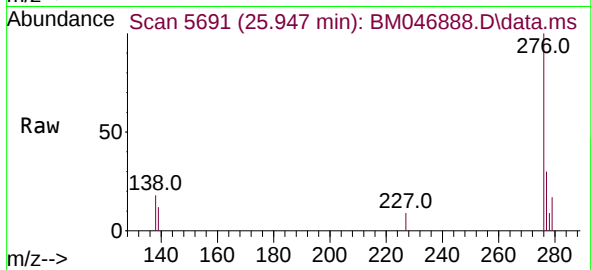
Tgt Ion:278 Resp: 1637
Ion Ratio Lower Upper
278 100
139 52.0 9.8 14.8#
279 82.5 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 25.947 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM046888.D
Acq: 29 Jul 2024 17:54

Instrument :
BNA_M
ClientSampleId :
A4BD7DL



Tgt Ion:276 Resp: 6430
Ion Ratio Lower Upper
276 100
138 18.0 9.5 14.3
277 30.1 20.9 31.3

Manual Integrations
APPROVED

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

