

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046901.D
 Acq On : 30 Jul 2024 01:54
 Operator : MA/JU
 Sample : P3329-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E16

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 03:00:55 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	7.455	152	3137	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.209	136	9073	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	5620	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.861	188	11427	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	8235	0.400	ng/ul	0.00
23) Perylene-d12	23.198	264	7564m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7203	3.279	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	3456	0.240	ng/ul	-0.02
18) Fluoranthene-d10	18.903	212	6382	0.238	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.259	128	464528	20.242	ng/ul	96
7) 2-Methylnaphthalene	11.887	142	63406	4.015	ng/ul	99
8) 1-Methylnaphthalene	12.112	142	31271	1.917	ng/ul	99
10) Acenaphthylene	13.821	152	3432	0.133	ng/ul#	93
11) Acenaphthene	14.168	153	45156	2.585	ng/ul	98
12) Fluorene	15.162	166	47687	2.184	ng/ul	97
15) Phenanthrene	16.899	178	159100	4.844	ng/ul	98
16) Anthracene	16.992	178	18450	0.603	ng/ul	100
19) Fluoranthene	18.931	202	71669	1.982	ng/ul	99
20) Pyrene	19.298	202	46205	1.235	ng/ul	99
21) Benzo(a)anthracene	21.056	228	11914	0.347	ng/ul	99
22) Chrysene	21.108	228	9475	0.272	ng/ul	97
24) Benzo(b)fluoranthene	22.572	252	6356m	0.191	ng/ul	
25) Benzo(k)fluoranthene	22.607	252	2601m	0.078	ng/ul	
26) Benzo(a)pyrene	23.107	252	3368	0.141	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.296	276	1410	0.038	ng/ul#	90
29) Benzo(g,h,i)perylene	25.934	276	1150	0.036	ng/ul#	43

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

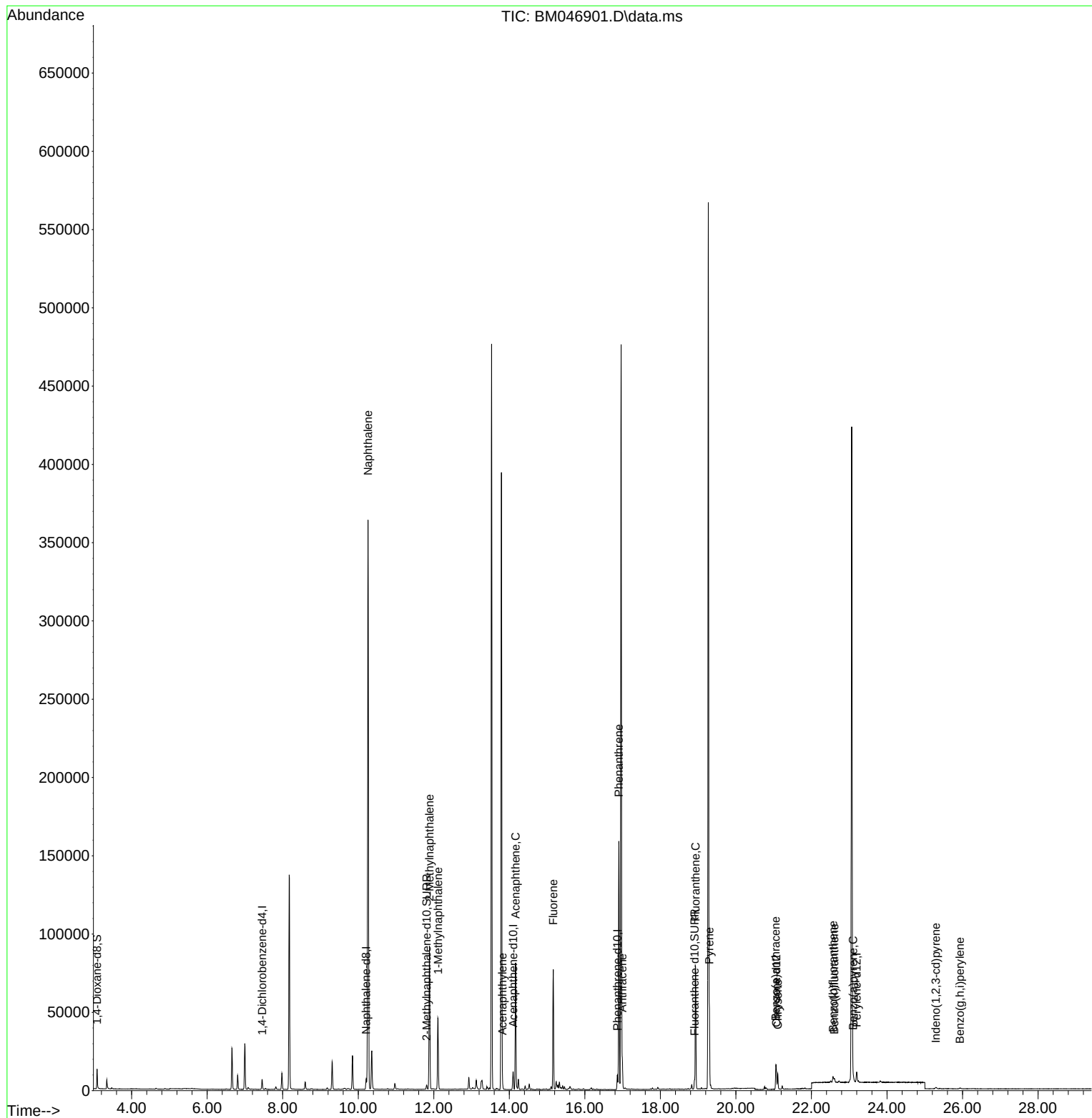
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046901.D
Acq On : 30 Jul 2024 01:54
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ALS Vial : 22 Sample Multiplier: 1

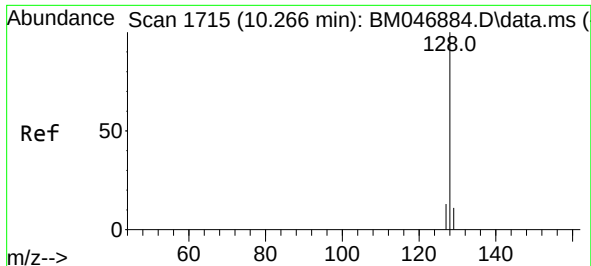
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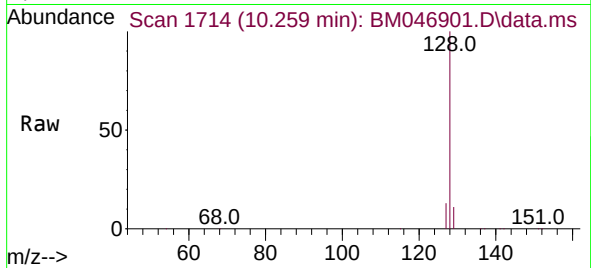
Quant Time: Jul 30 03:00:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 20.242 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.018 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

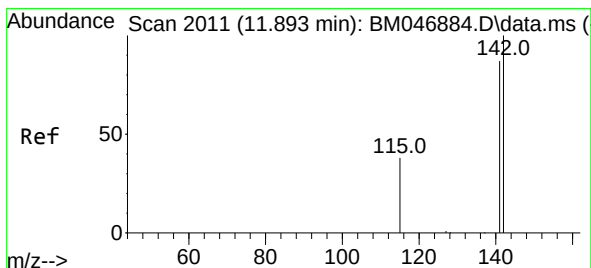
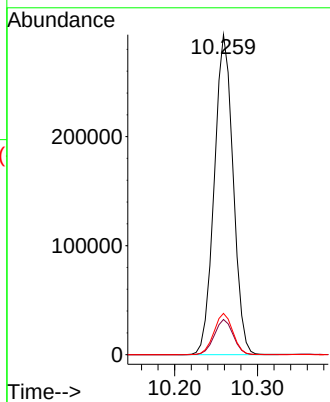
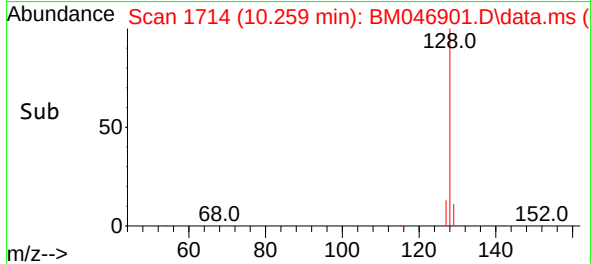
Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion:128 Resp: 464528
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 12.9 11.5 17.3

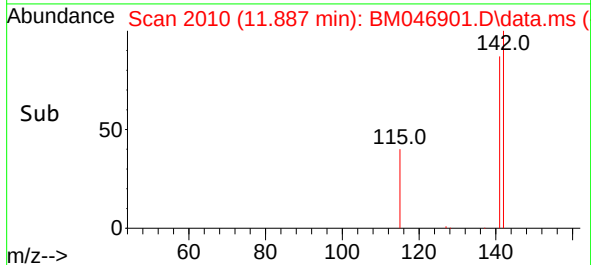
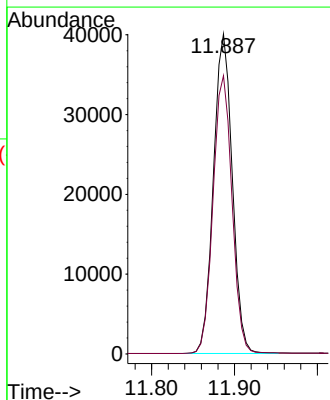
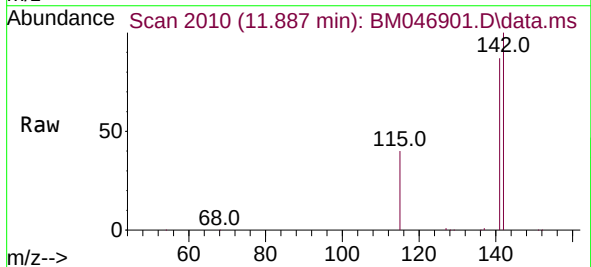
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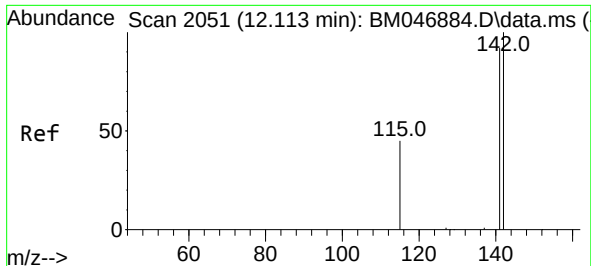
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 4.015 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

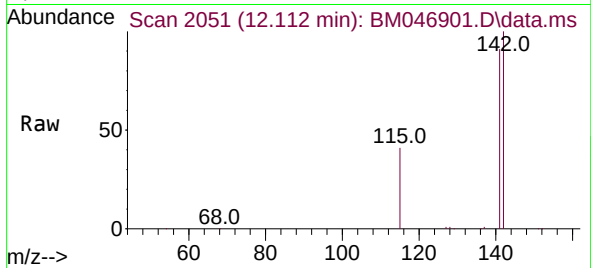
Tgt Ion:142 Resp: 63406
Ion Ratio Lower Upper
142 100
141 87.5 70.5 105.7





#8
1-Methylnaphthalene
Concen: 1.917 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

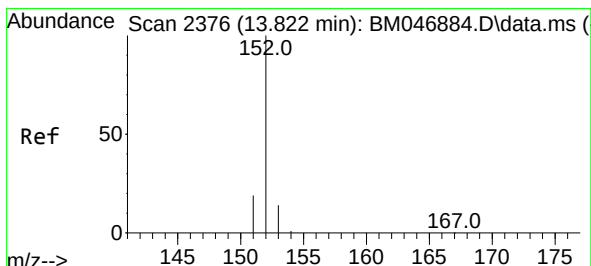
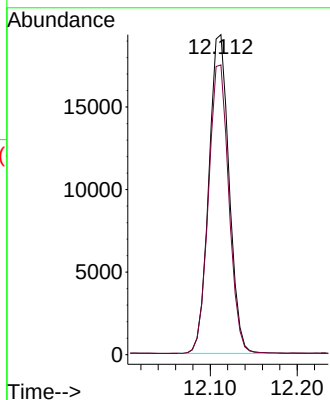
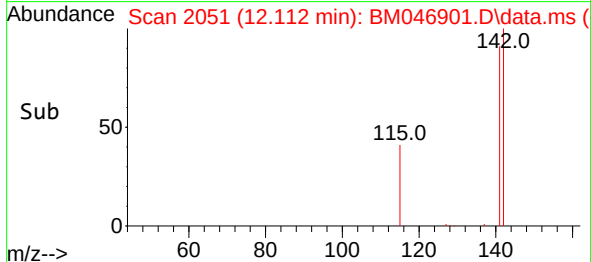
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 3127
Ion Ratio Lower Upper
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141 90.8 73.1 109.7

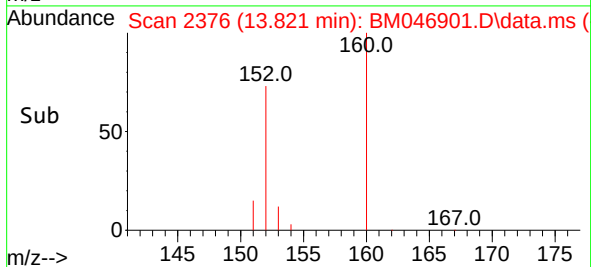
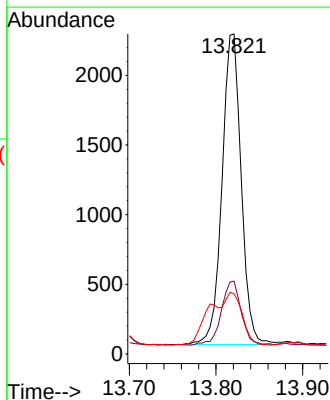
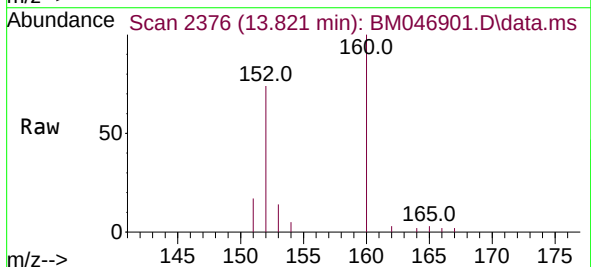
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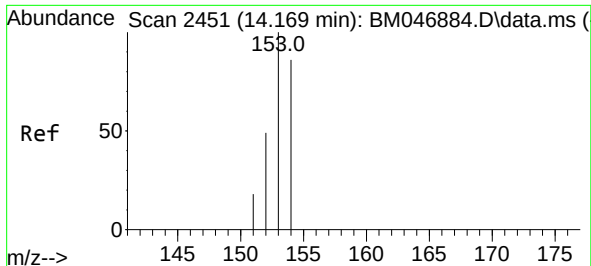
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 13.821 min Scan# 2376
Delta R.T. -0.010 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

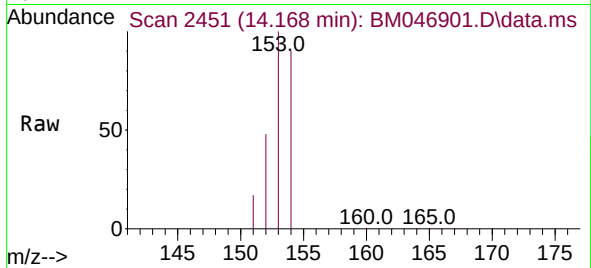
Tgt Ion:152 Resp: 3432
Ion Ratio Lower Upper
152 100
151 22.7 16.8 25.2
153 18.8 11.0 16.6#





#11
Acenaphthene
Concen: 2.585 ng/u1
RT: 14.168 min Scan# 2451
Delta R.T. -0.015 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

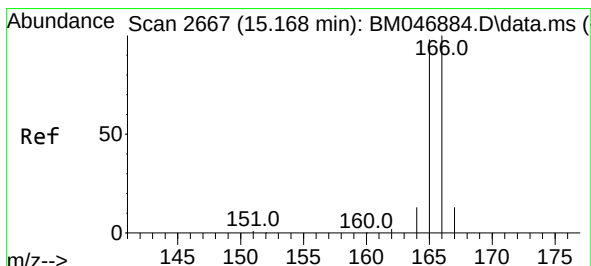
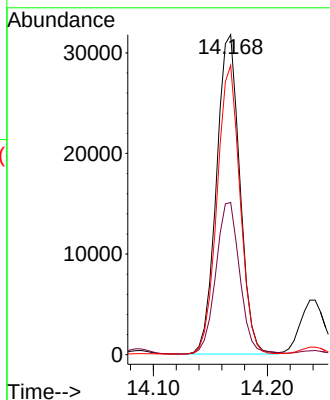
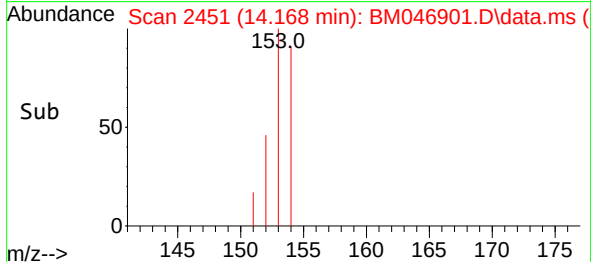
Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion:153 Resp: 45150
Ion Ratio Lower Upper
153 100
152 47.6 38.6 57.8
154 90.4 70.8 106.2

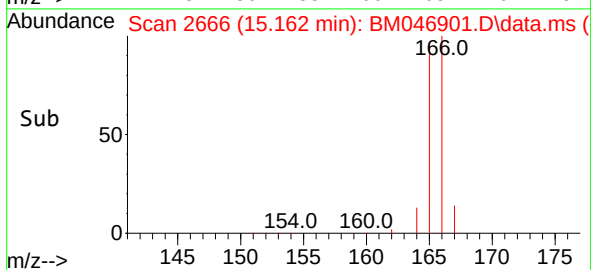
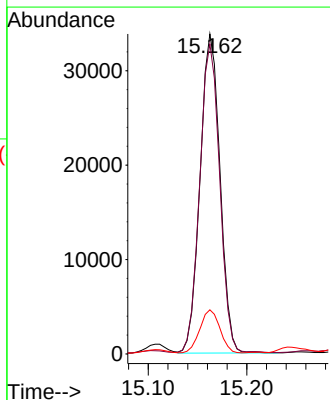
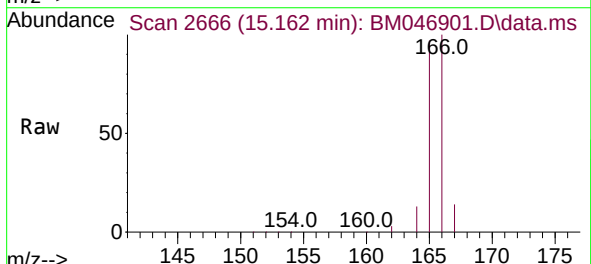
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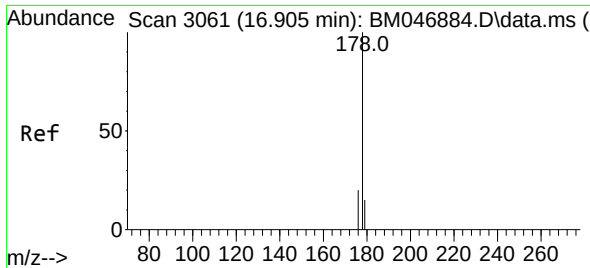
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 2.184 ng/u1
RT: 15.162 min Scan# 2666
Delta R.T. -0.015 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

Tgt Ion:166 Resp: 47687
Ion Ratio Lower Upper
166 100
165 96.9 79.8 119.6
167 13.8 12.3 18.5





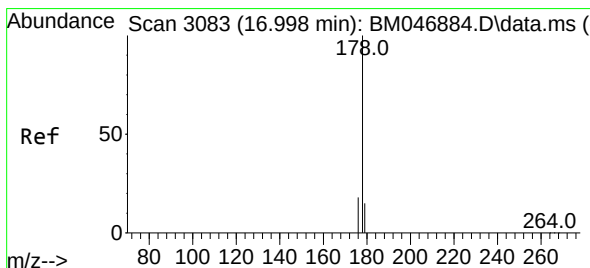
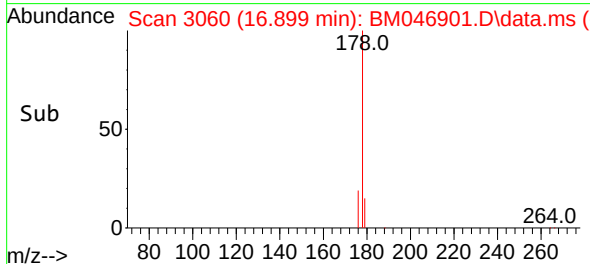
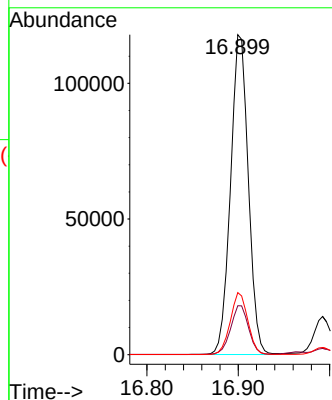
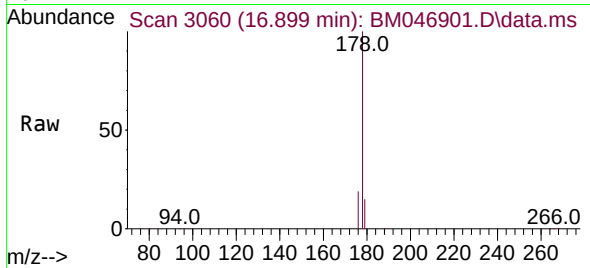
#15
Phenanthrene
Concen: 4.844 ng/u1
RT: 16.899 min Scan# 3060
Delta R.T. -0.014 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:178 Resp: 159100
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.2
176 19.4 16.1 24.1

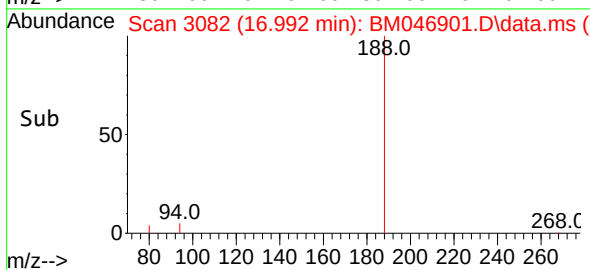
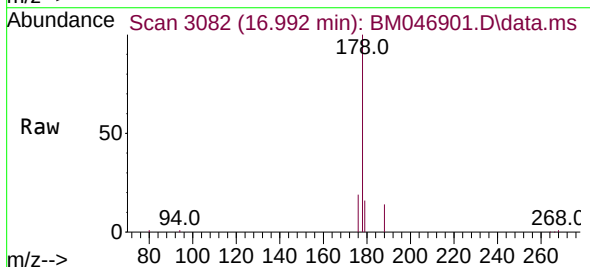
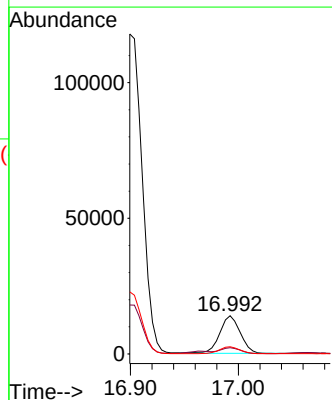
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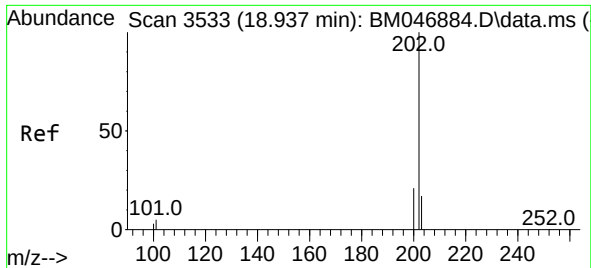
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.603 ng/u1
RT: 16.992 min Scan# 3082
Delta R.T. -0.014 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

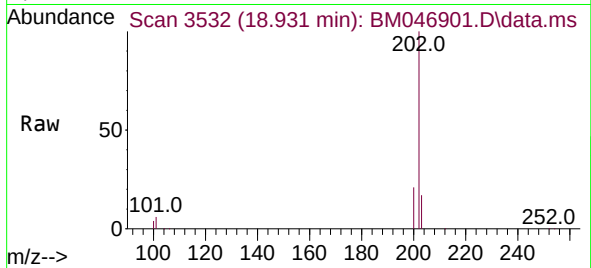
Tgt Ion:178 Resp: 18450
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 1.982 ng/ul
RT: 18.931 min Scan# 3532
Delta R.T. -0.011 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

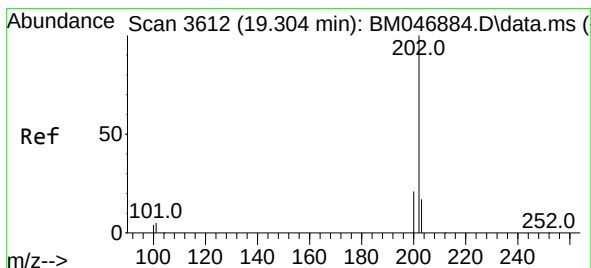
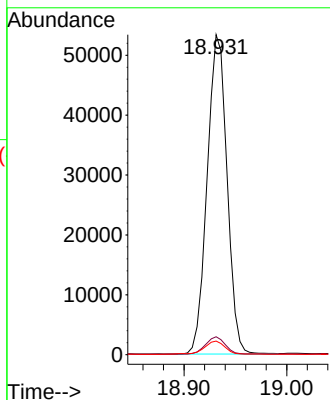
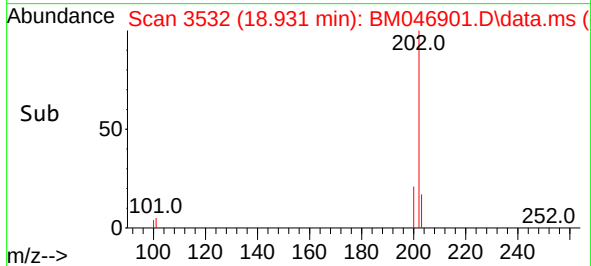
Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion:202 Resp: 71669
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.3 3.4 5.2

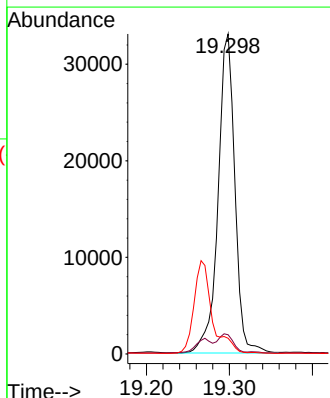
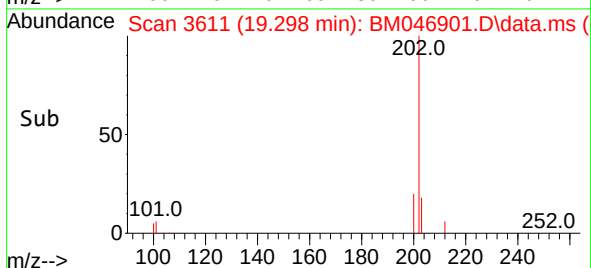
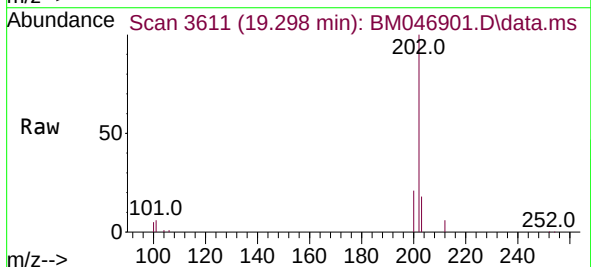
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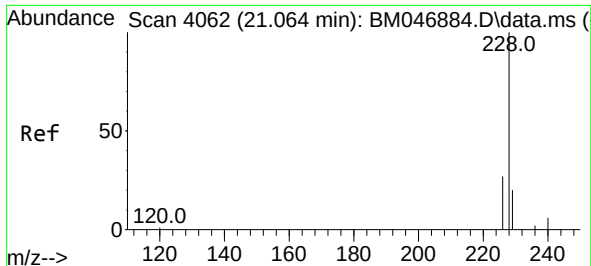
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 1.235 ng/ul
RT: 19.298 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

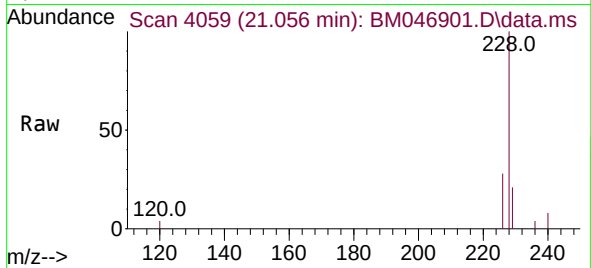
Tgt Ion:202 Resp: 46205
Ion Ratio Lower Upper
202 100
101 6.0 5.2 7.8
100 4.9 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.056 min Scan# 4062
Delta R.T. -0.008 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

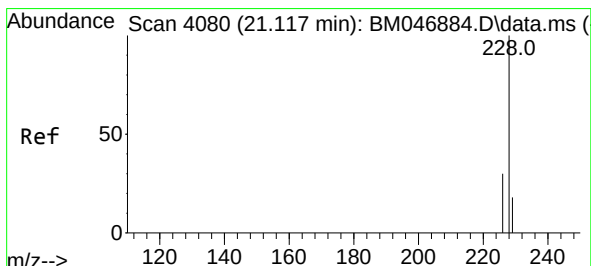
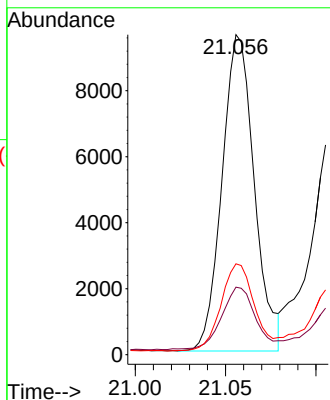
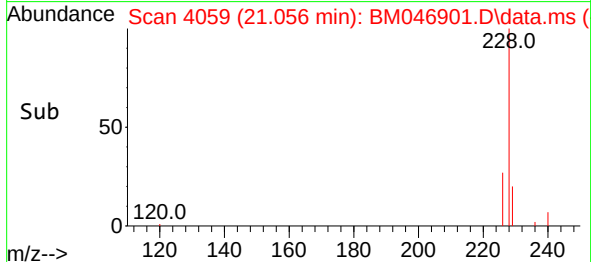
Instrument :
BNA_M
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F7E16



Tgt Ion:228 Resp: 11914
Ion Ratio Lower Upper
228 100
229 21.1 16.3 24.5
226 28.4 22.3 33.5

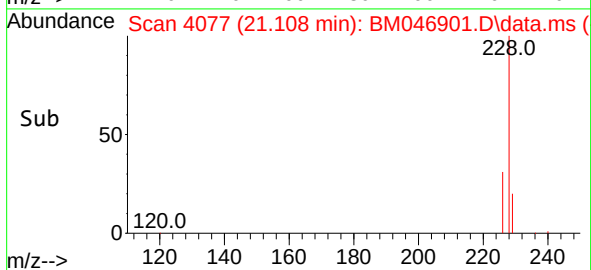
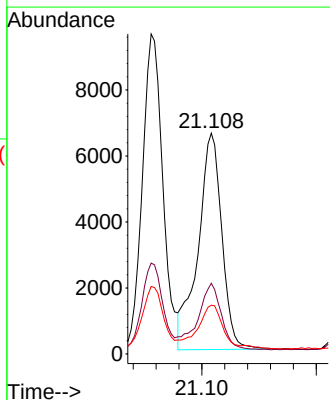
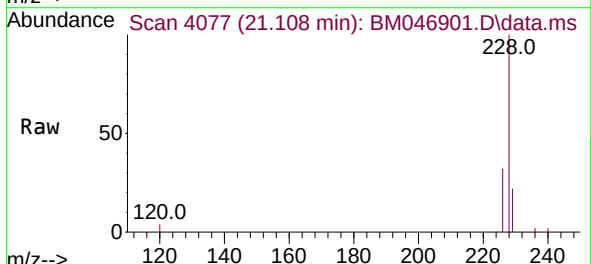
Manual Integrations
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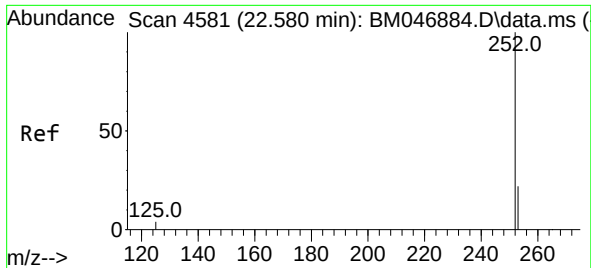
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.272 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.008 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

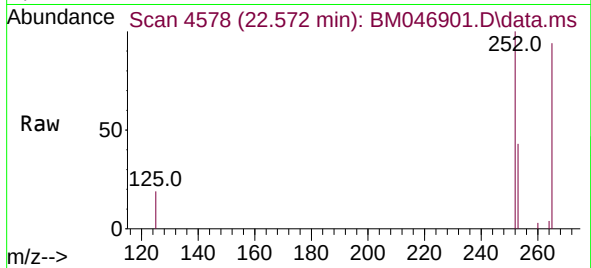
Tgt Ion:228 Resp: 9475
Ion Ratio Lower Upper
228 100
226 32.0 24.5 36.7
229 22.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.008 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

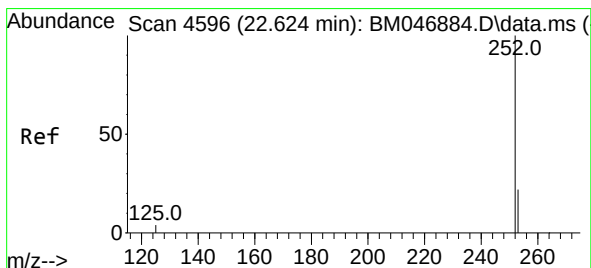
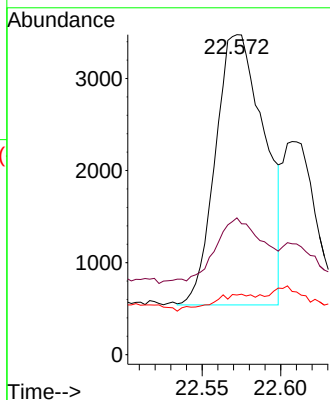
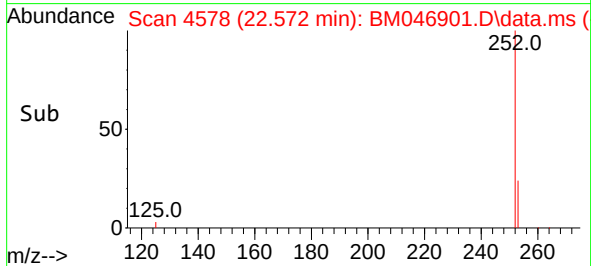
Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion:252 Resp: 6350
Ion Ratio Lower Upper
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125 18.6 0.0 15.8

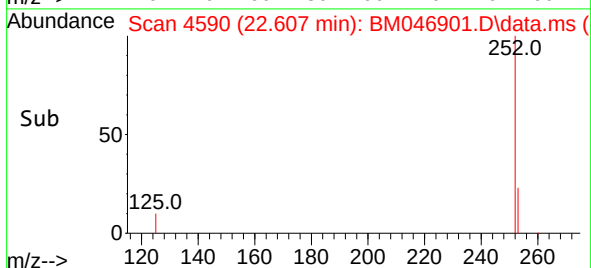
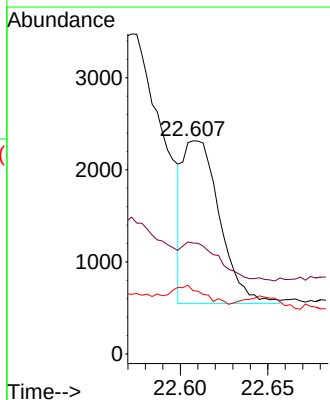
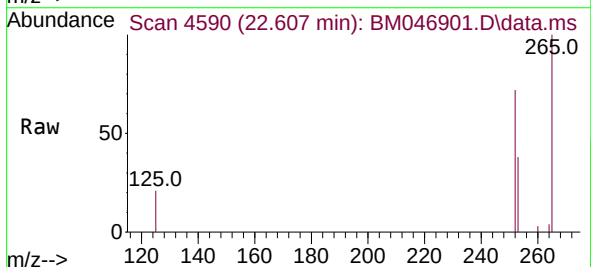
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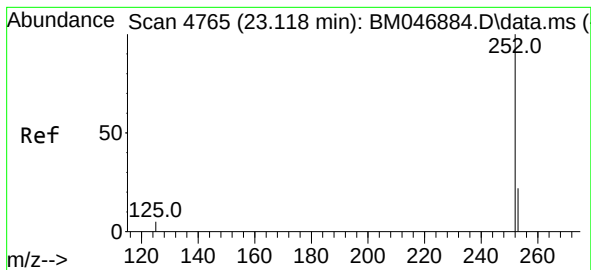
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.014 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

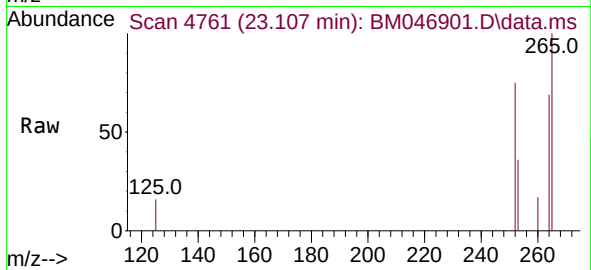
Tgt Ion:252 Resp: 2601
Ion Ratio Lower Upper
252 100
253 52.0 23.5 35.3#
125 29.7 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 23.107 min Scan# 4761
Delta R.T. -0.011 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

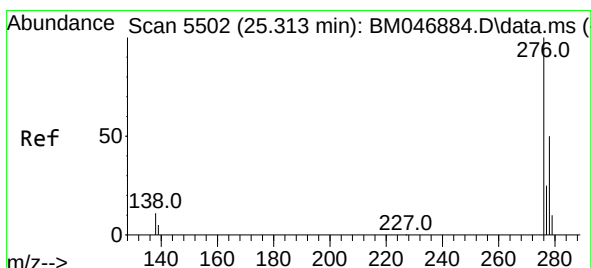
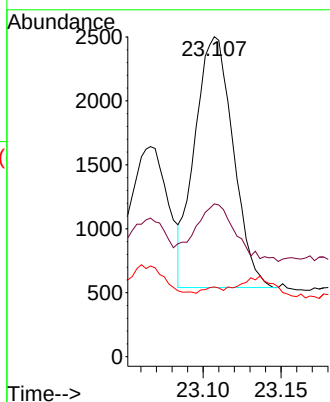
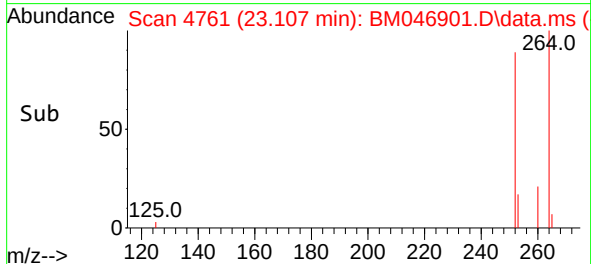
Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion:252 Resp: 3368
Ion Ratio Lower Upper
252 100
253 47.8 26.0 39.0#
125 21.8 7.8 11.8#

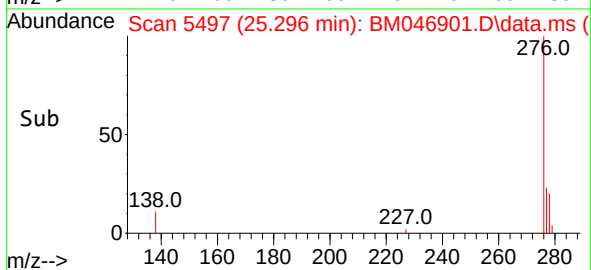
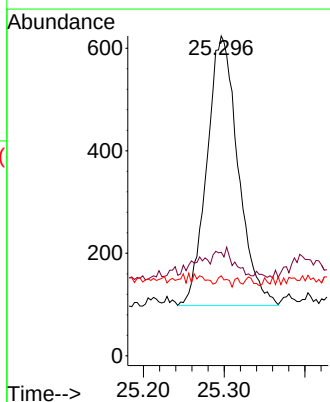
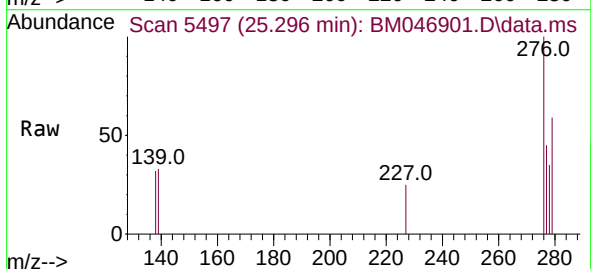
Manual Integrations
APPROVED

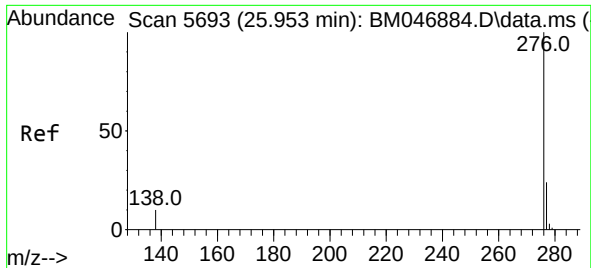
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 25.296 min Scan# 5497
Delta R.T. -0.020 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

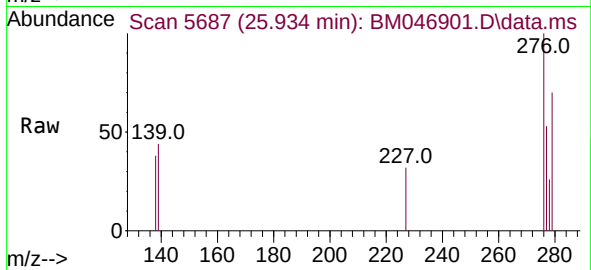
Tgt Ion:276 Resp: 1410
Ion Ratio Lower Upper
276 100
138 8.0 9.7 14.5#
227 1.3 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 25.934 min Scan# 50
Delta R.T. -0.020 min
Lab File: BM046901.D
Acq: 30 Jul 2024 01:54

Instrument :
BNA_M
ClientSampleId :
F7E16



Tgt Ion: 276 Resp: 1150
Ion Ratio Lower Upper
276 100
138 37.8 9.5 14.3
277 52.7 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

