

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046930.D
 Acq On : 30 Jul 2024 21:51
 Operator : MA/JU
 Sample : P3329-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E14DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 00:01:32 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 : Tue Jul 30 04:18:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	2666	0.400	ng/ul	0.00
4) Naphthalene-d8	10.200	136	6957	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	4990	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.850	188	11022	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	7543	0.400	ng/ul	0.00
23) Perylene-d12	23.189	264	8474	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	1571	0.842	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	617	0.056	ng/ul	-0.01
18) Fluoranthene-d10	18.891	212	1427	0.058	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.249	128	159007	9.036	ng/ul	96
7) 2-Methylnaphthalene	11.877	142	36665	3.028	ng/ul	99
8) 1-Methylnaphthalene	12.102	142	17410	1.392	ng/ul	99
10) Acenaphthylene	13.808	152	2592	0.113	ng/ul#	93
11) Acenaphthene	14.155	153	32227	2.078	ng/ul	99
12) Fluorene	15.154	166	38242	1.972	ng/ul	97
15) Phenanthrene	16.892	178	149693	4.725	ng/ul	97
16) Anthracene	16.985	178	22174	0.752	ng/ul	99
19) Fluoranthene	18.923	202	75643	2.283	ng/ul#	97
20) Pyrene	19.290	202	50585	1.476	ng/ul#	96
21) Benzo(a)anthracene	21.052	228	12336	0.392	ng/ul	99
22) Chrysene	21.102	228	9919	0.311	ng/ul	98
24) Benzo(b)fluoranthene	22.563	252	6445m	0.173	ng/ul	
25) Benzo(k)fluoranthene	22.601	252	2702m	0.072	ng/ul	
26) Benzo(a)pyrene	23.095	252	3883	0.145	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.279	276	2149	0.052	ng/ul#	91
29) Benzo(g,h,i)perylene	25.923	276	1407	0.039	ng/ul#	63

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

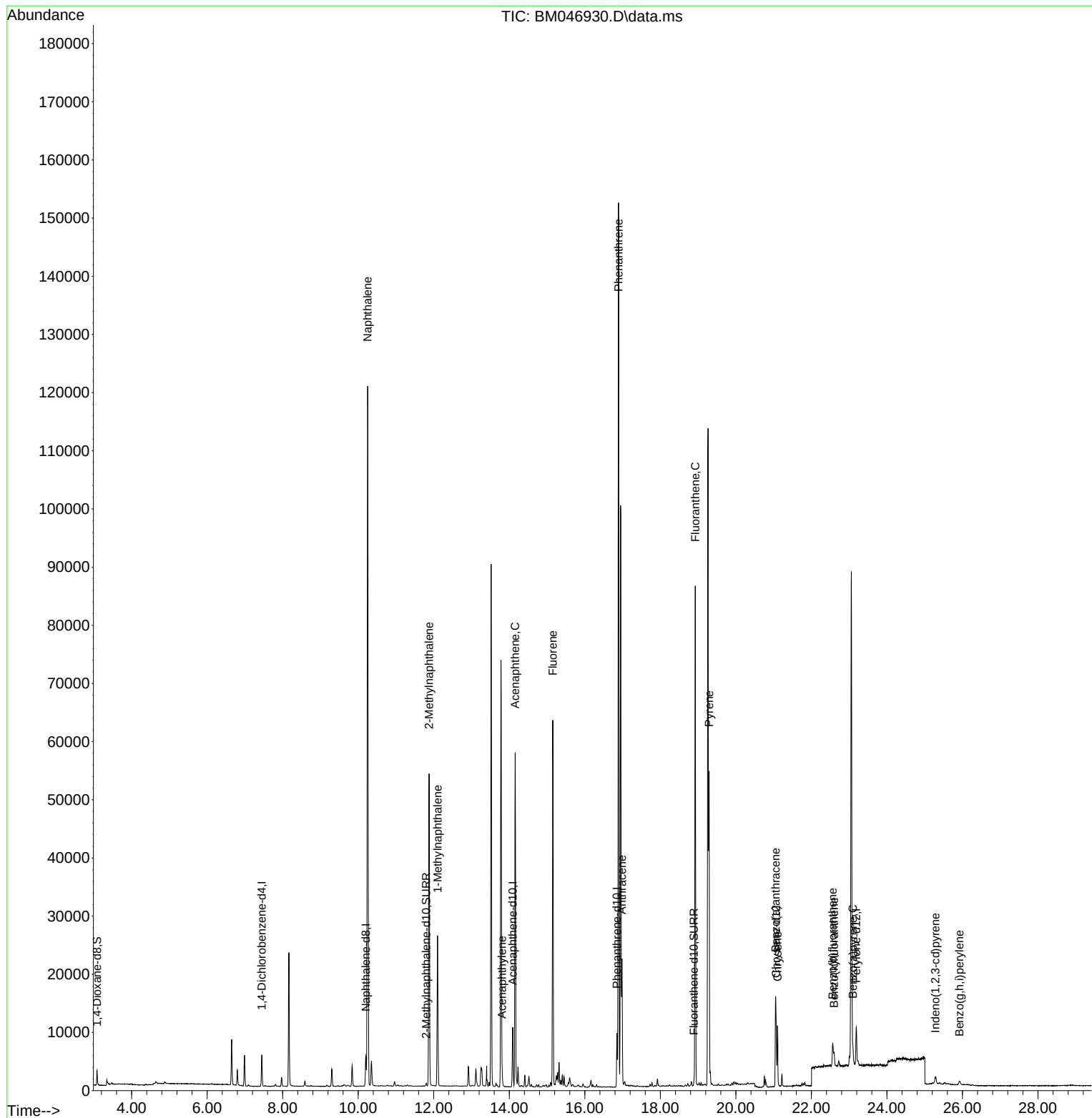
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046930.D
Acq On : 30 Jul 2024 21:51
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ALS Vial : 14 Sample Multiplier: 1

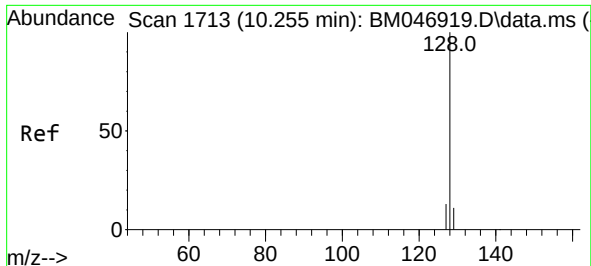
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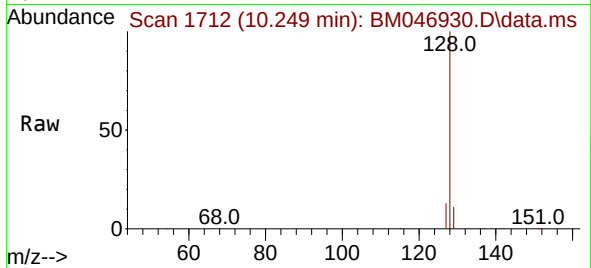
Quant Time: Jul 31 00:01:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
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#5
Naphthalene
Concen: 9.036 ng/ul
RT: 10.249 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

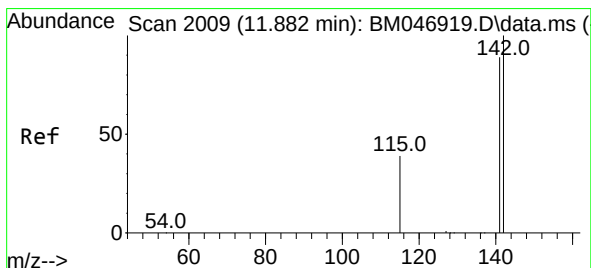
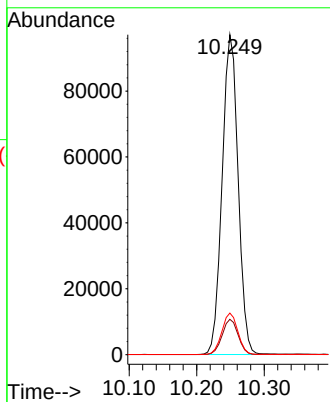
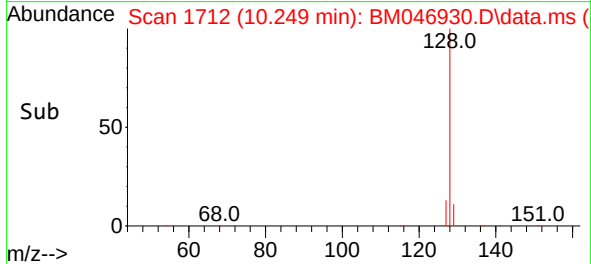
Instrument :
BNA_M
ClientSampleId :
F7E14DL



Tgt Ion:128 Resp: 15900
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 13.0 11.5 17.3

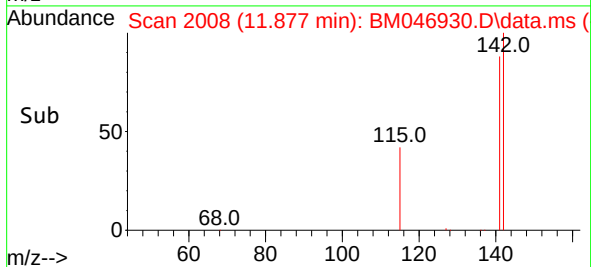
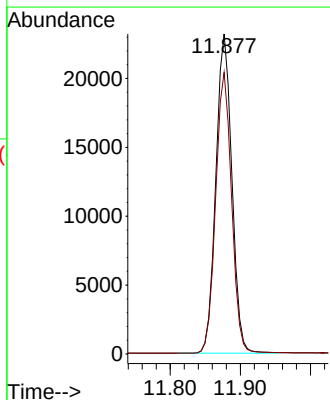
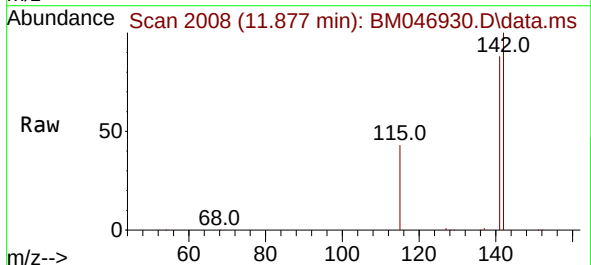
Manual Integrations
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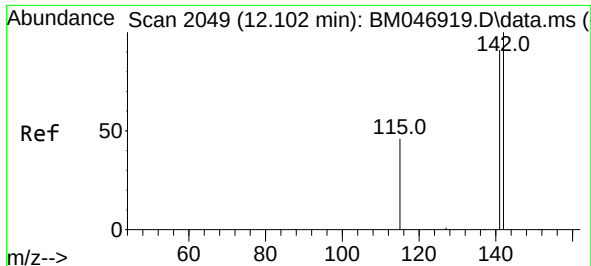
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 3.028 ng/ul
RT: 11.877 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

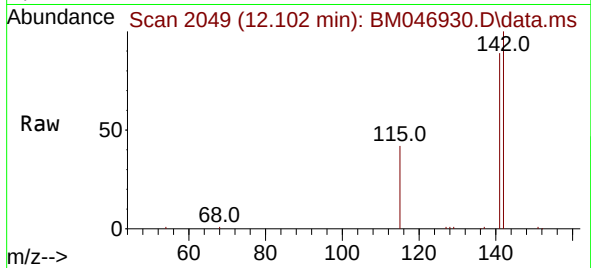
Tgt Ion:142 Resp: 36665
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7





#8
1-Methylnaphthalene
Concen: 1.392 ng/ul
RT: 12.102 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

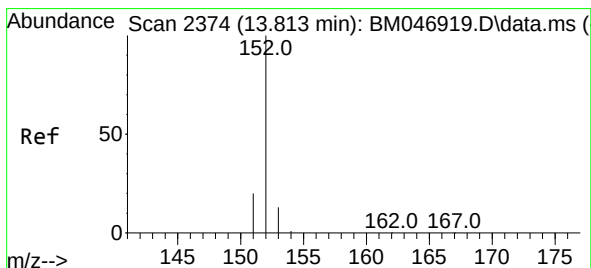
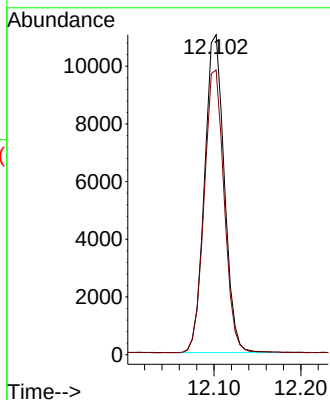
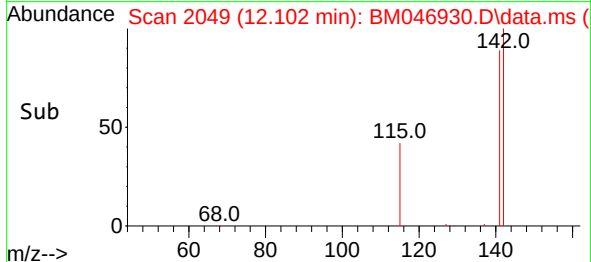
Instrument :
BNA_M
ClientSampleId :
F7E14DL



Tgt Ion:142 Resp: 17410
Ion Ratio Lower Upper
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141 90.1 73.1 109.7

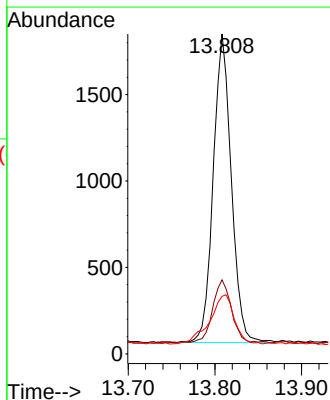
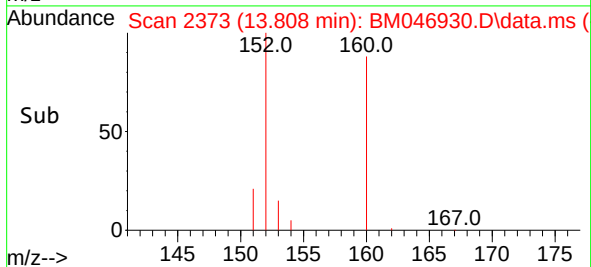
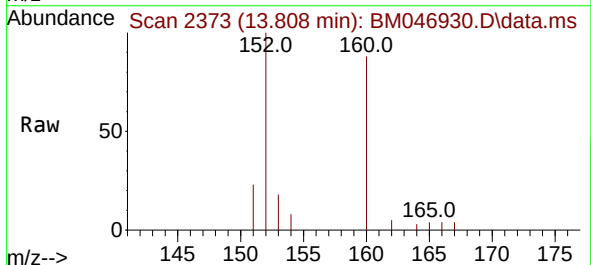
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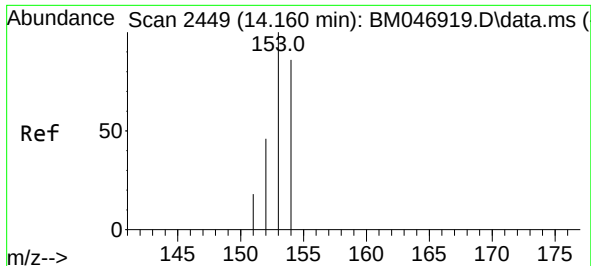
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

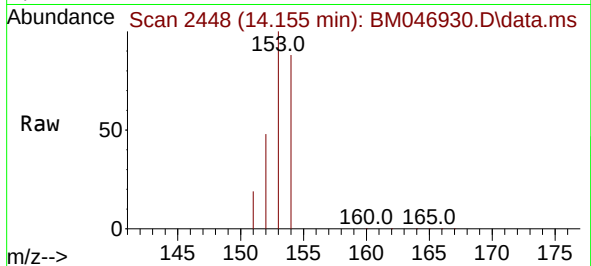
Tgt Ion:152 Resp: 2592
Ion Ratio Lower Upper
152 100
151 23.1 16.8 25.2
153 18.0 11.0 16.6#





#11
Acenaphthene
Concen: 2.078 ng/u1
RT: 14.155 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

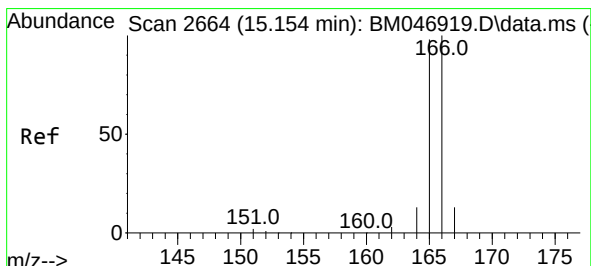
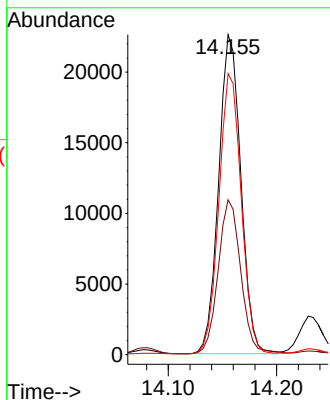
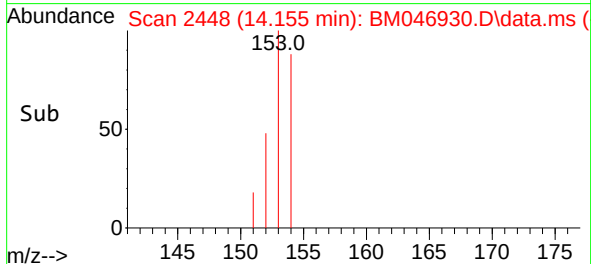
Instrument :
BNA_M
ClientSampleId :
F7E14DL



Tgt Ion:153 Resp: 3222
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 87.8 70.8 106.2

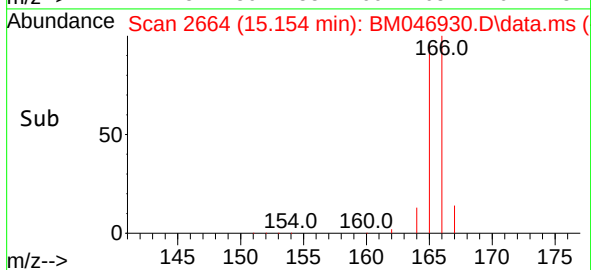
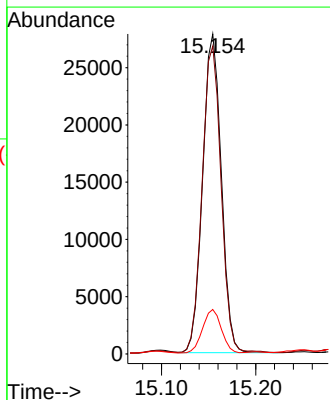
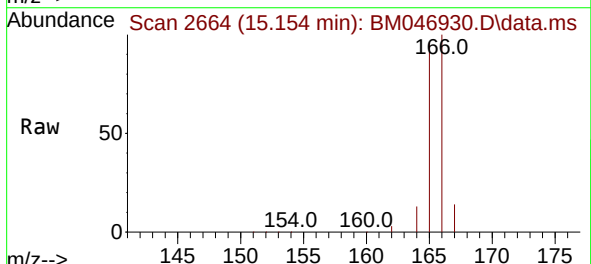
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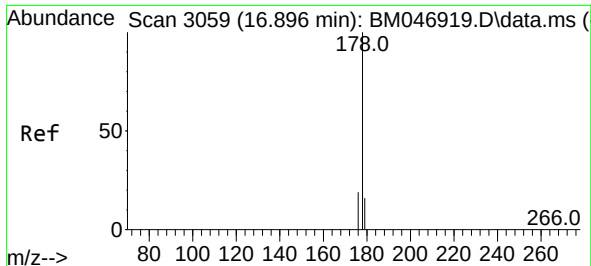
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 1.972 ng/u1
RT: 15.154 min Scan# 2664
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

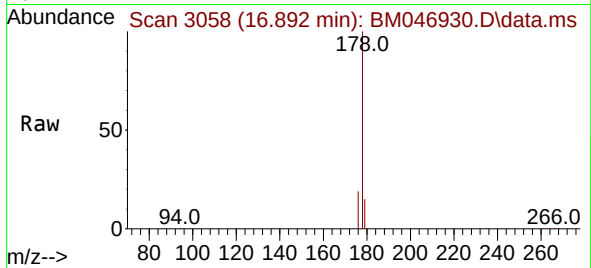
Tgt Ion:166 Resp: 38242
Ion Ratio Lower Upper
166 100
165 96.2 79.8 119.6
167 13.9 12.3 18.5





#15
Phenanthrene
Concen: 4.725 ng/u1
RT: 16.892 min Scan# 3058
Delta R.T. -0.008 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

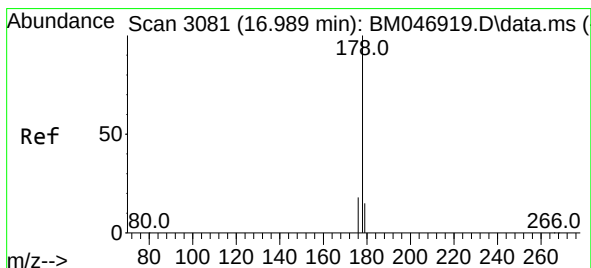
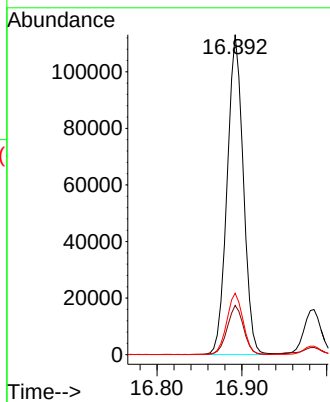
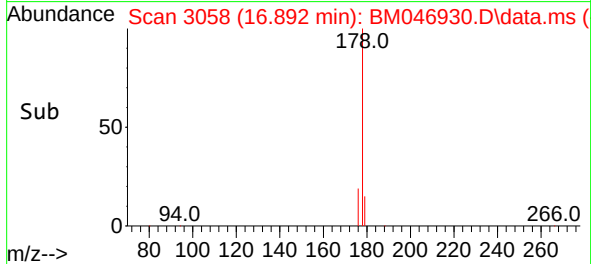
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BNA_M
ClientSampleId :
F7E14DL



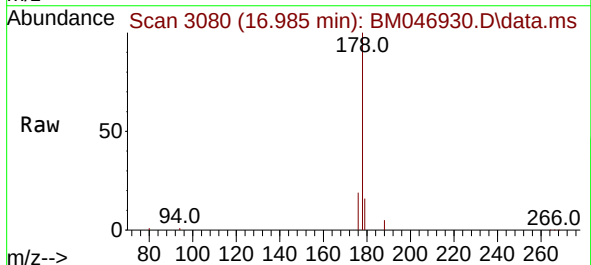
Tgt Ion:178 Resp: 149693
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.2 16.1 24.1

Manual Integrations
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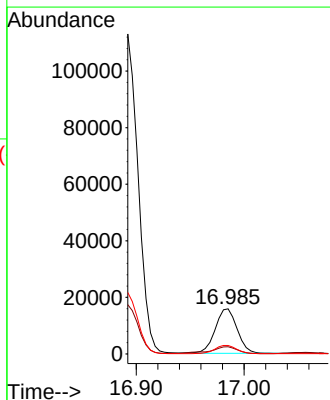
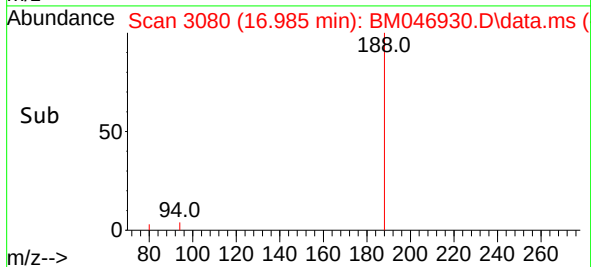
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

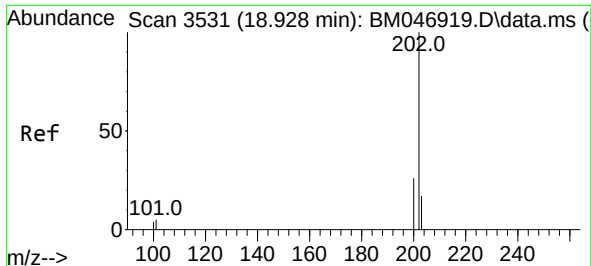


#16
Anthracene
Concen: 0.752 ng/u1
RT: 16.985 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51



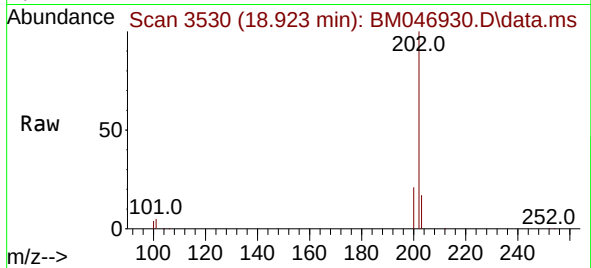
Tgt Ion:178 Resp: 22174
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 2.283 ng/ul
RT: 18.923 min Scan# 3530
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

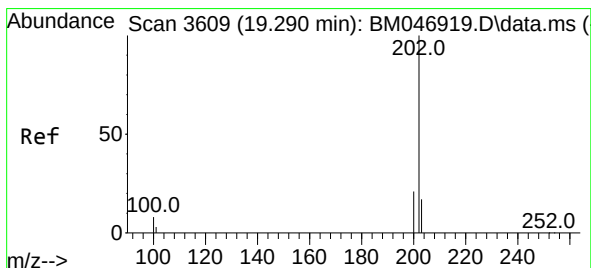
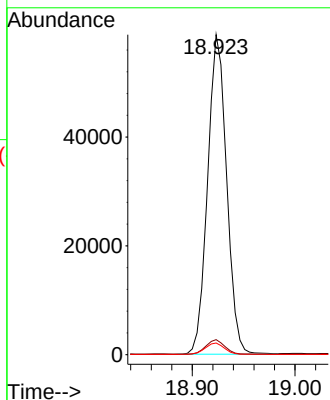
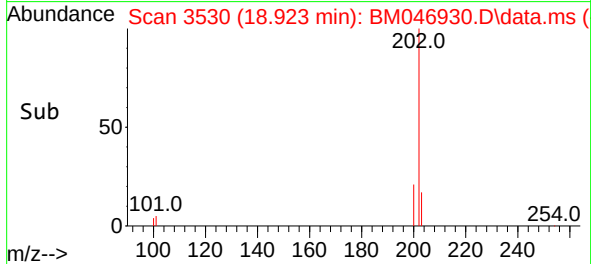
Instrument :
BNA_M
ClientSampleId :
F7E14DL



Tgt Ion:202 Resp: 7564
Ion Ratio Lower Upper
202 100
101 4.7 4.7 7.1#
100 3.7 3.4 5.2

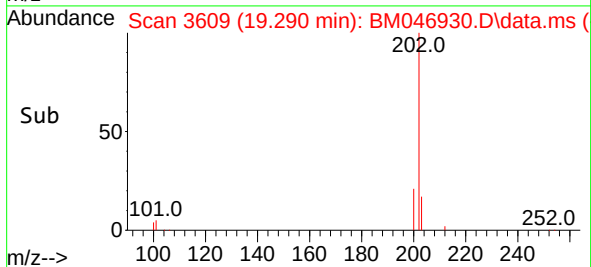
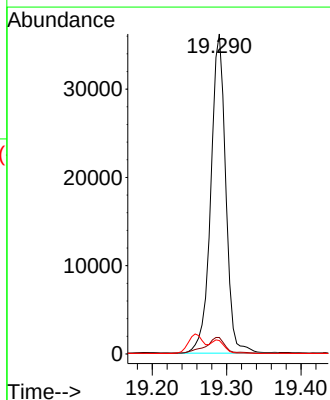
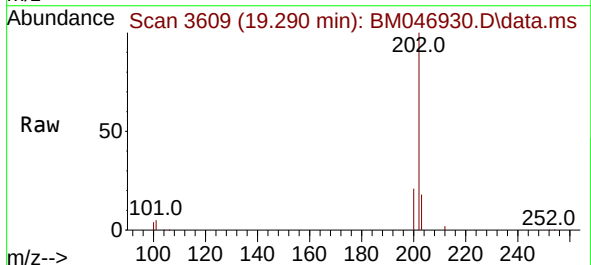
Manual Integrations
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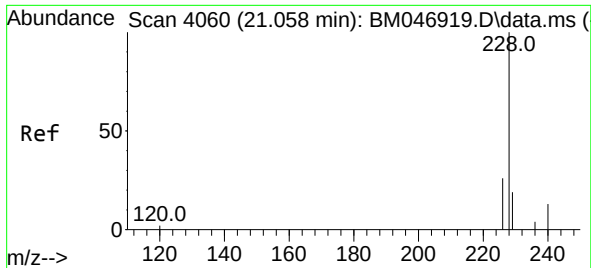
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 1.476 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

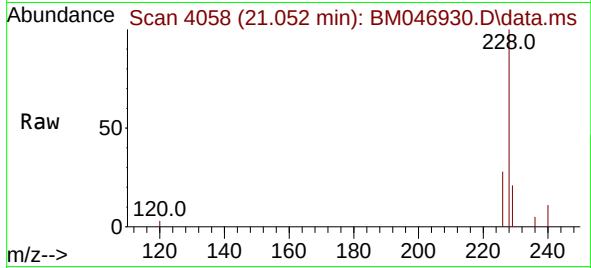
Tgt Ion:202 Resp: 50585
Ion Ratio Lower Upper
202 100
101 5.2 5.2 7.8#
100 4.2 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.052 min Scan# 4060
Delta R.T. -0.006 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

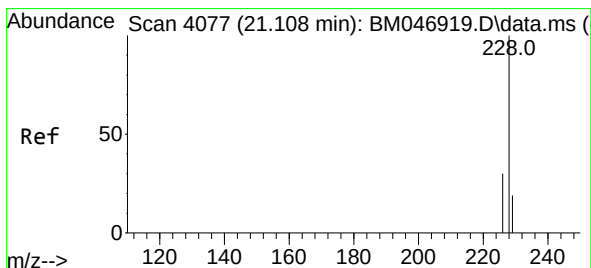
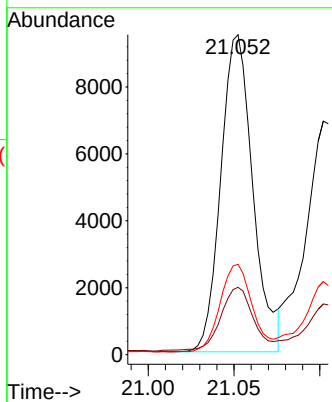
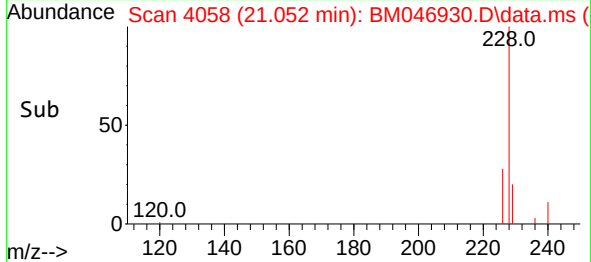
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F7E14DL



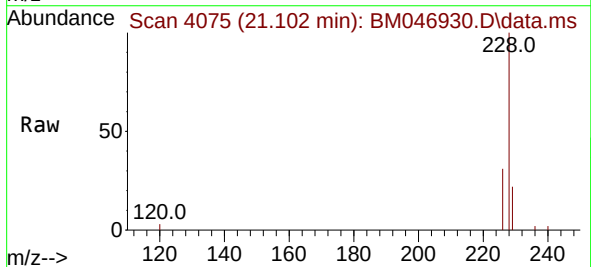
Tgt Ion:228 Resp: 12330
Ion Ratio Lower Upper
228 100
229 21.0 16.3 24.5
226 28.3 22.3 33.5

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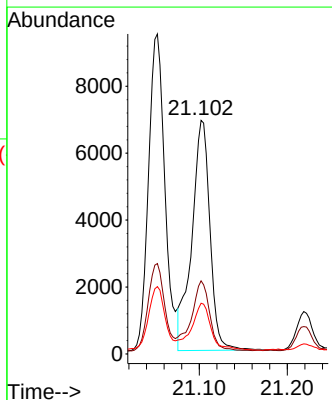
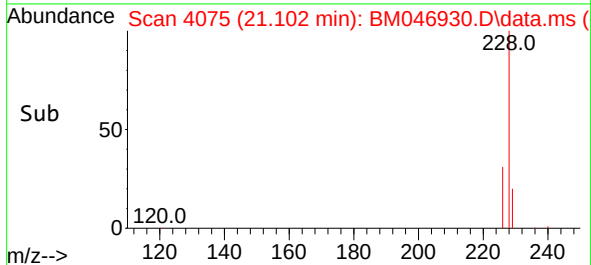
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

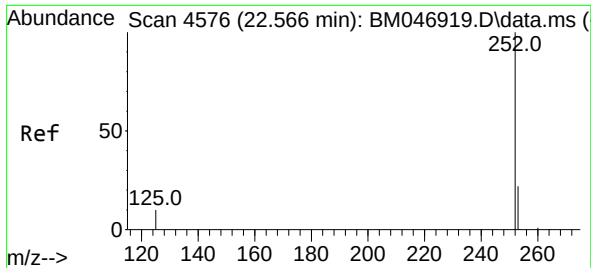


#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51



Tgt Ion:228 Resp: 9919
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 21.7 16.2 24.2





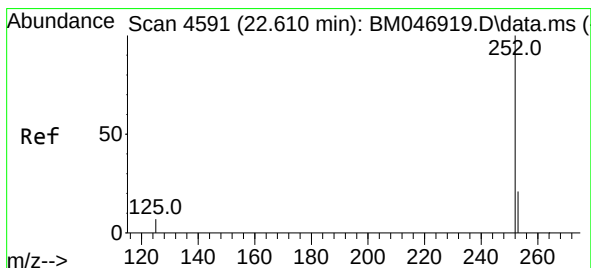
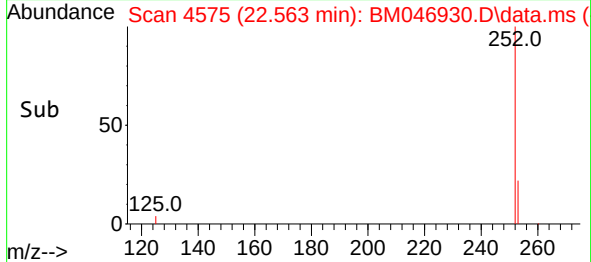
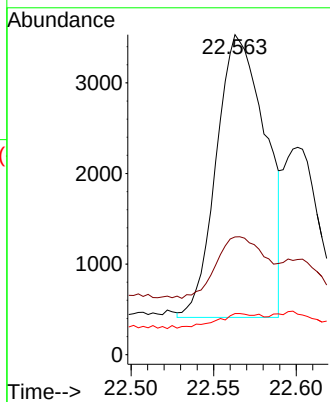
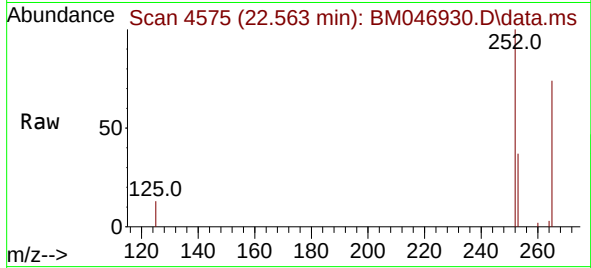
#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.006 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

Instrument :
BNA_M
ClientSampleId :
F7E14DL

Tgt Ion:252 Resp: 644
Ion Ratio Lower Upper
252 100
253 36.8 0.0 56.4
125 12.9 0.0 15.8

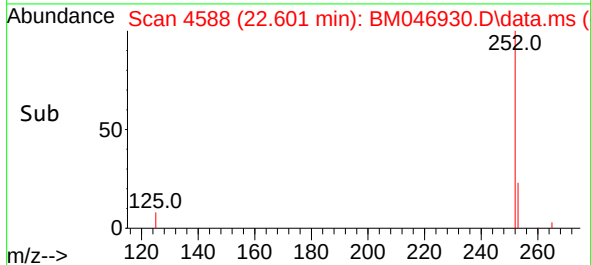
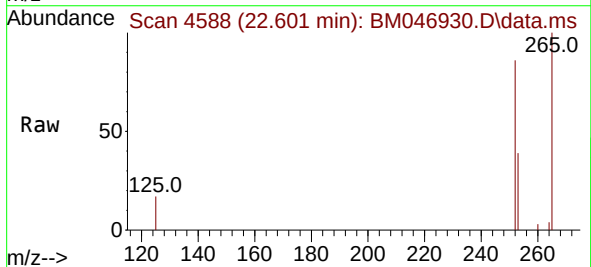
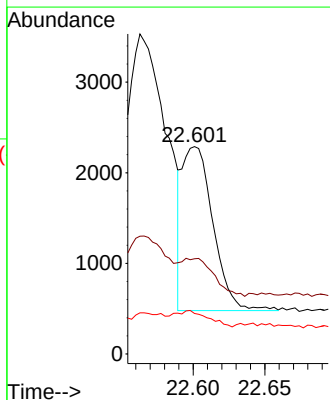
Manual Integrations
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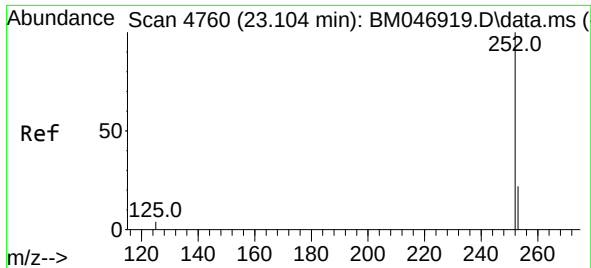
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

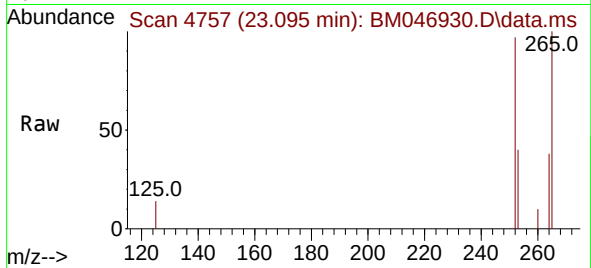
Tgt Ion:252 Resp: 2702
Ion Ratio Lower Upper
252 100
253 45.9 23.5 35.3#
125 19.5 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.009 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

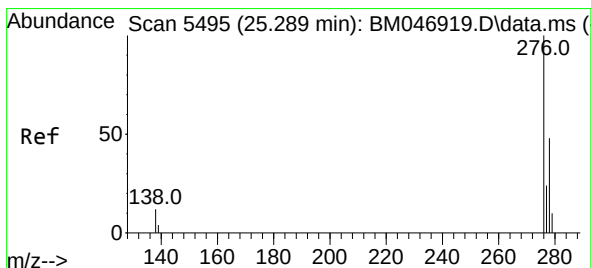
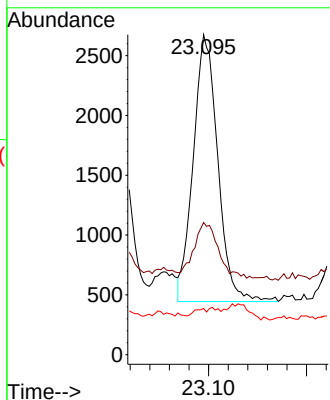
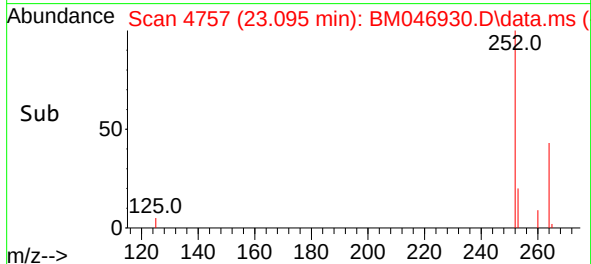
Instrument :
BNA_M
ClientSampleId :
F7E14DL



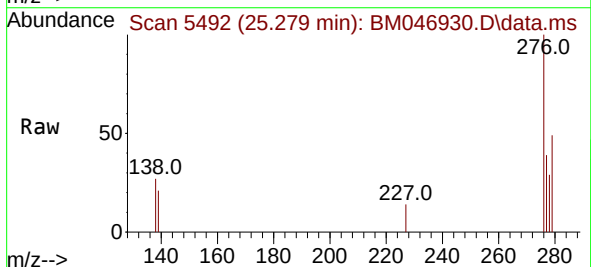
Tgt Ion:252 Resp: 388
Ion Ratio Lower Upper
252 100
253 41.3 26.0 39.0
125 14.5 7.8 11.8

Manual Integrations
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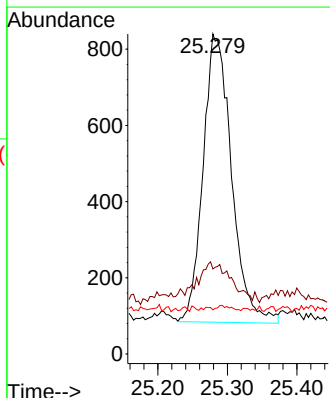
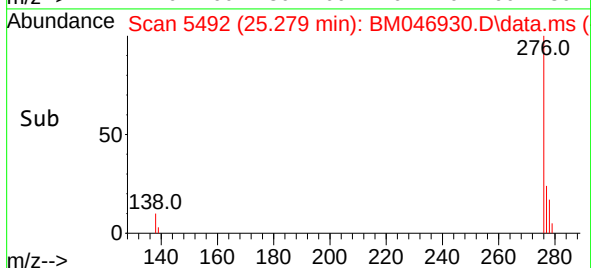
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

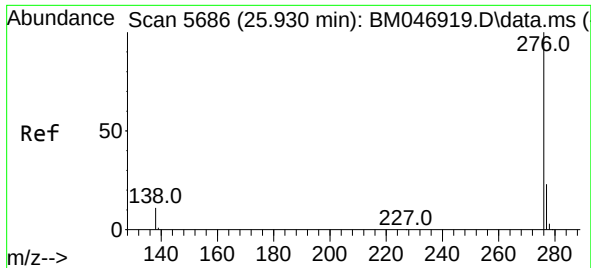


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 25.279 min Scan# 5492
Delta R.T. -0.017 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51



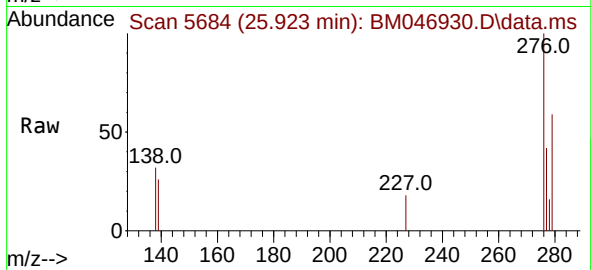
Tgt Ion:276 Resp: 2149
Ion Ratio Lower Upper
276 100
138 15.7 9.7 14.5#
227 0.3 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 25.923 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM046930.D
Acq: 30 Jul 2024 21:51

Instrument :
BNA_M
ClientSampleId :
F7E14DL



Tgt Ion:276 Resp: 140
Ion Ratio Lower Upper
276 100
138 31.8 9.5 14.3
277 41.8 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

