

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048382.D
 Acq On : 01 Nov 2024 06:30
 Operator : RC/JU
 Sample : P4592-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H05

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 07:05:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5058	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	16096	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.349	164	8656	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	17407m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.280	240	14547m	0.400	ng/ul	-0.01
23) Perylene-d12	23.513	264	12490m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18763	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	4698	0.229	ng/ul	-0.03
18) Fluoranthene-d10	19.123	212	11023	0.298	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	7902	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.190	142	1909	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.405	142	1046	0.039	ng/ul	95
10) Acenaphthylene	14.072	152	2027	0.061	ng/ul#	87
11) Acenaphthene	14.414	153	4511	0.168	ng/ul	98
12) Fluorene	15.400	166	4440	0.149	ng/ul	99
15) Phenanthrene	17.133	178	28930m	0.669	ng/ul	
16) Anthracene	17.226	178	6683m	0.165	ng/ul	
19) Fluoranthene	19.155	202	47790	0.953	ng/ul	97
20) Pyrene	19.513	202	47112	0.875	ng/ul	100
21) Benzo(a)anthracene	21.266	228	23893	0.548	ng/ul	98
22) Chrysene	21.315	228	25800	0.430	ng/ul	98
24) Benzo(b)fluoranthene	22.838	252	34473m	0.808	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	12938m	0.256	ng/ul	
26) Benzo(a)pyrene	23.408	252	17094m	0.426	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.796	276	11432	0.204	ng/ul	94
28) Dibenzo(a,h)anthracene	25.796	278	2835	0.065	ng/ul#	55
29) Benzo(g,h,i)perylene	26.483	276	10723	0.227	ng/ul	97

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

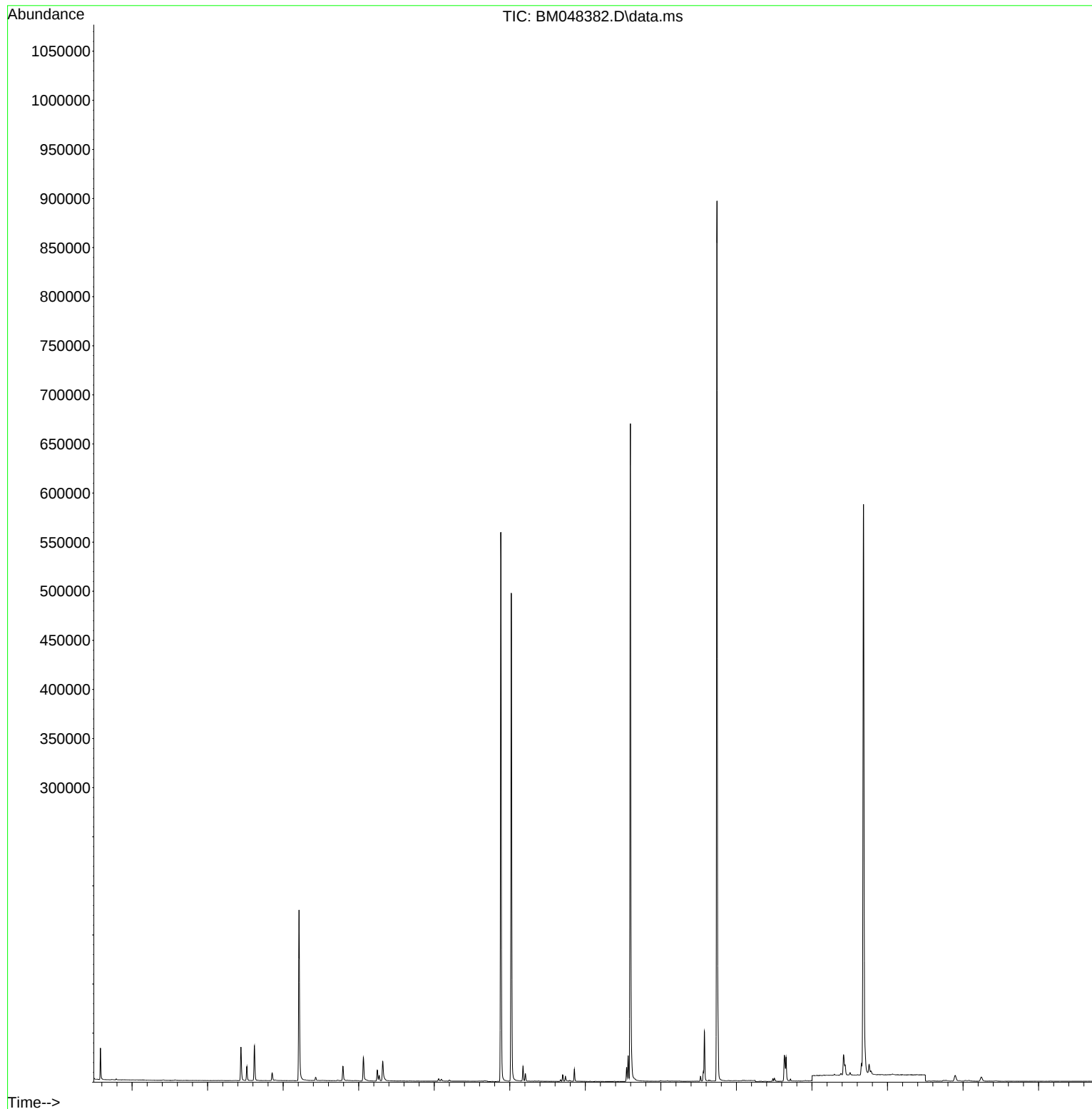
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
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Acq On : 01 Nov 2024 06:30
Operator : RC/JU
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ALS Vial : 34 Sample Multiplier: 1

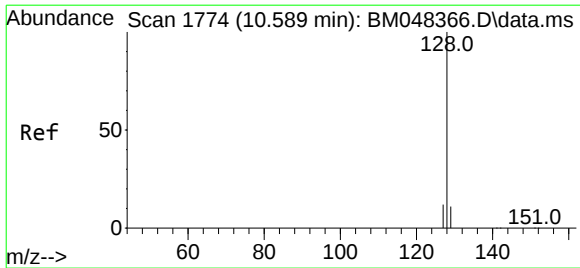
Instrument :
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Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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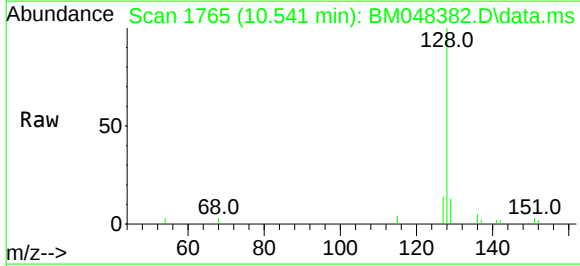
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.541 min Scan# 17
Delta R.T. -0.038 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

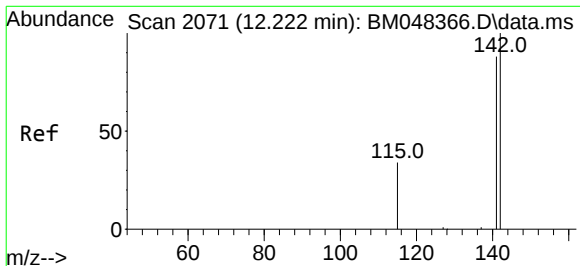
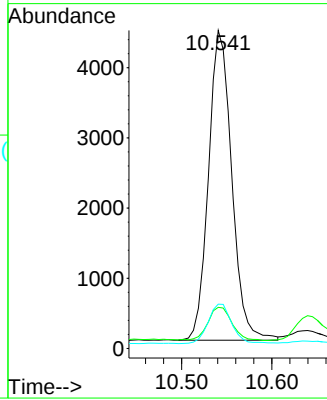
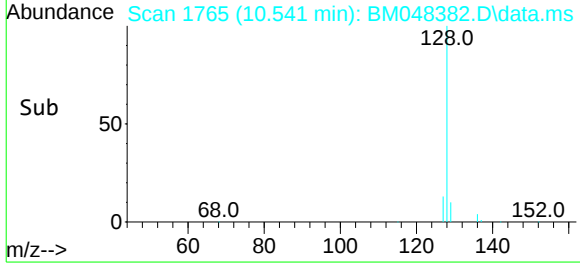
Instrument :
BNA_M
ClientSampleId :
F7H05



Tgt Ion:128 Resp: 7902
Ion Ratio Lower Upper
128 100
129 12.9 10.6 15.8
127 13.9 11.4 17.2

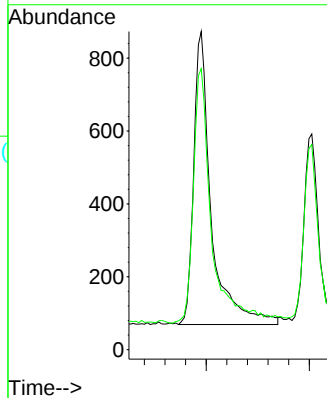
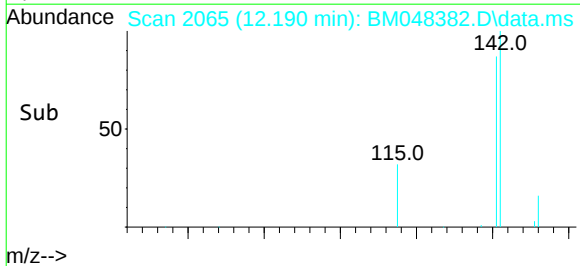
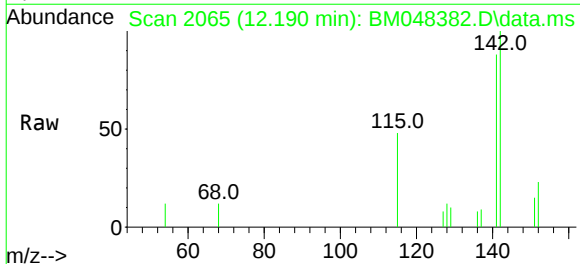
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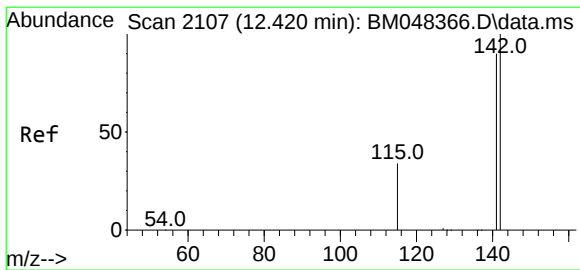
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

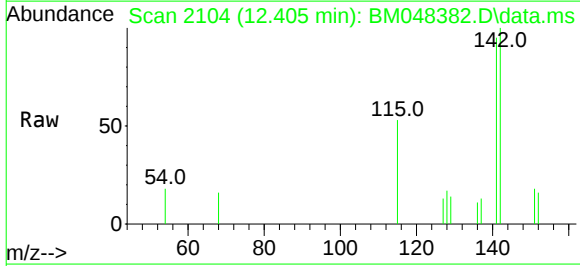
Tgt Ion:142 Resp: 1909
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.405 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

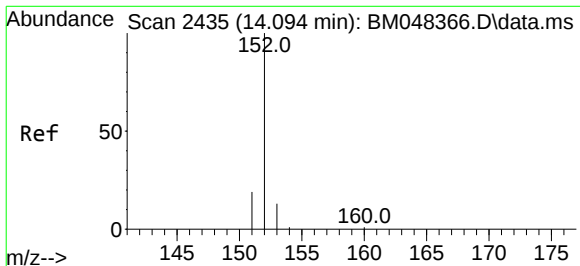
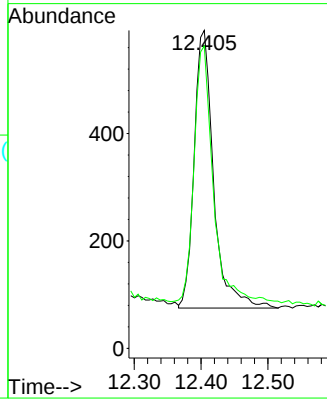
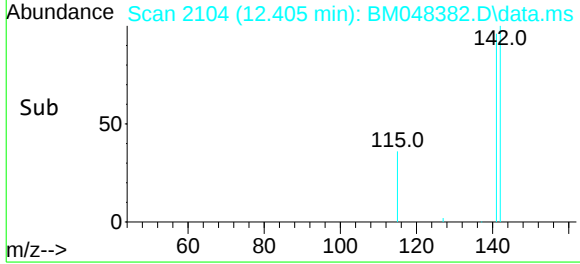
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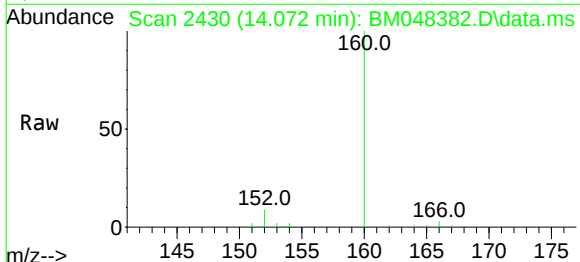
Tgt Ion:142 Resp: 1046
Ion Ratio Lower Upper
142 100
141 89.9 75.5 113.3

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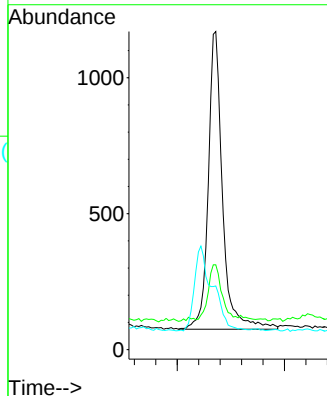
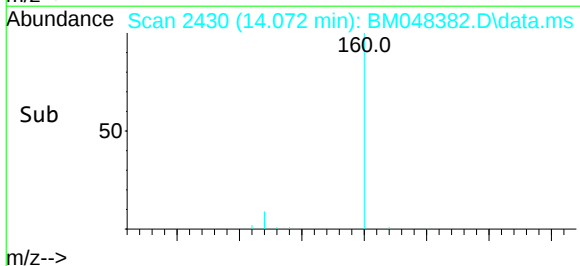
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

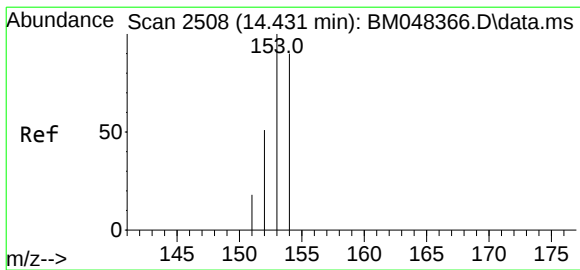


#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.072 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30



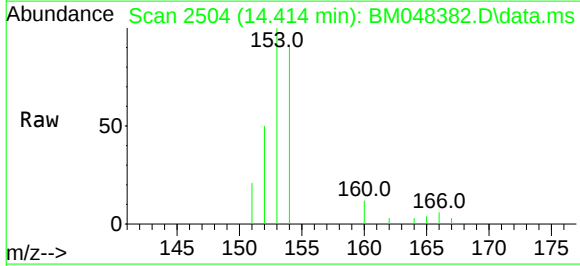
Tgt Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
151 26.7 16.6 24.8#
153 20.0 11.8 17.6#





#11
Acenaphthene
Concen: 0.168 ng/u1
RT: 14.414 min Scan# 2511
Delta R.T. -0.014 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

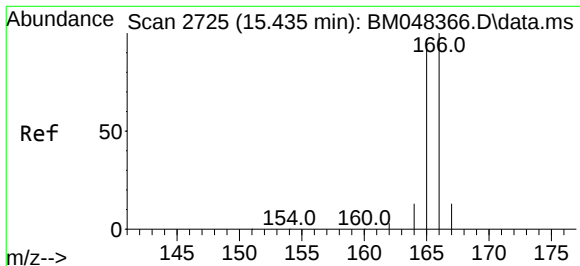
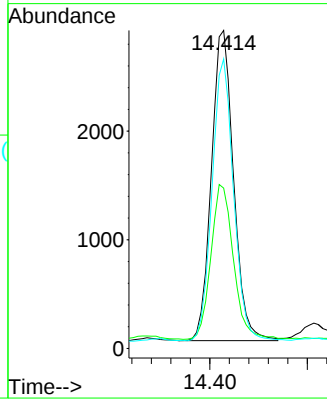
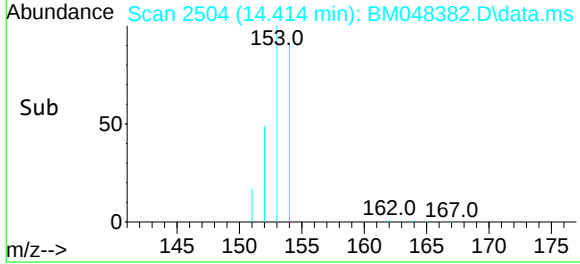
Instrument :
BNA_M
ClientSampleId :
F7H05



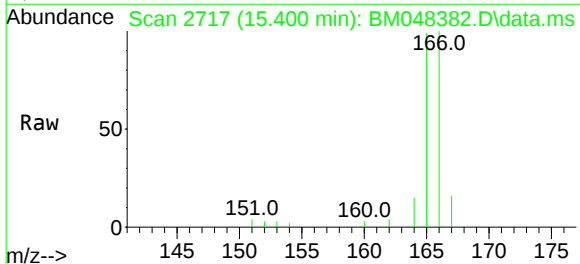
Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.7	61.1
154	91.0	70.6	106.0

Manual Integrations
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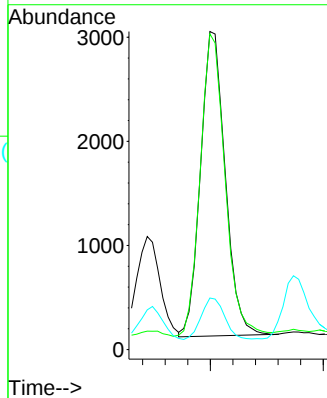
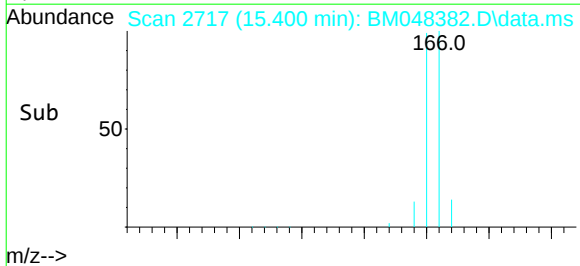
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

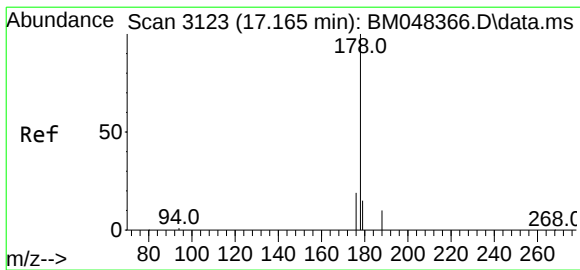


#12
Fluorene
Concen: 0.149 ng/u1
RT: 15.400 min Scan# 2717
Delta R.T. -0.032 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	118.0
167	16.2	12.1	18.1





#15
 Phenanthrene
 Concen: 0.669 ng/ul m
 RT: 17.133 min Scan# 3115
 Delta R.T. -0.025 min
 Lab File: BM048382.D
 Acq: 01 Nov 2024 06:30

Instrument :

BNA_M

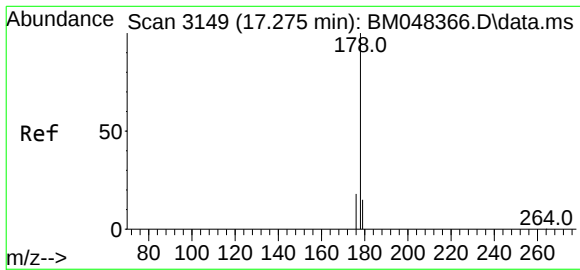
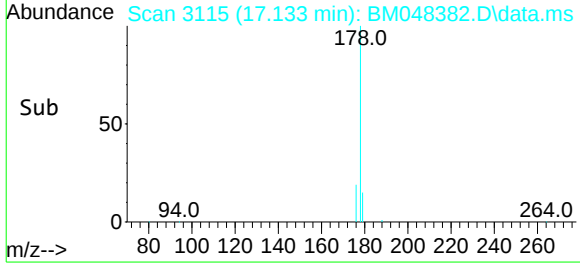
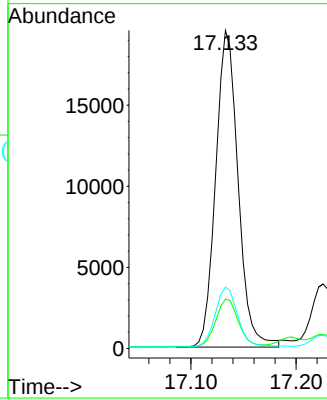
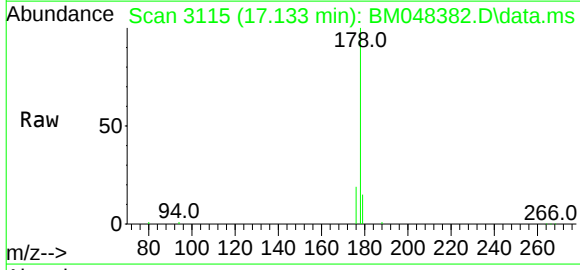
ClientSampleId :

F7H05

Tgt Ion:	178	Resp:	28930
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.9	20.9
176	19.3	16.0	24.0

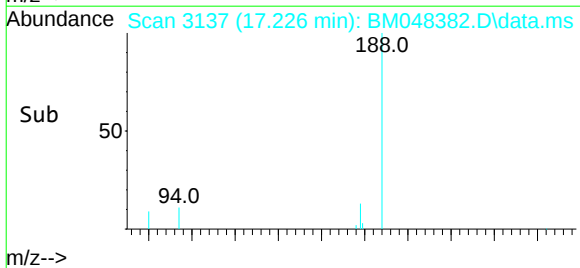
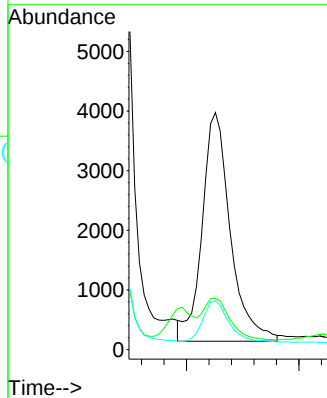
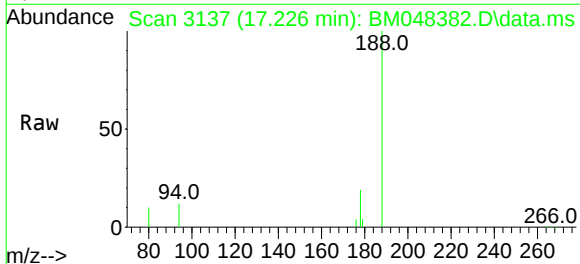
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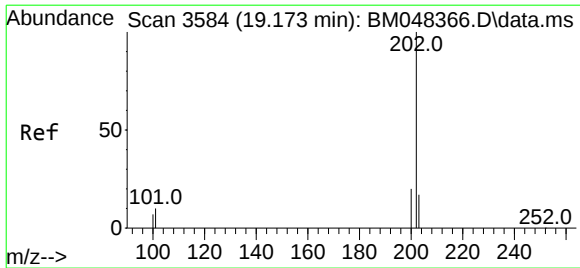
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#16
 Anthracene
 Concen: 0.165 ng/ul m
 RT: 17.226 min Scan# 3137
 Delta R.T. -0.034 min
 Lab File: BM048382.D
 Acq: 01 Nov 2024 06:30

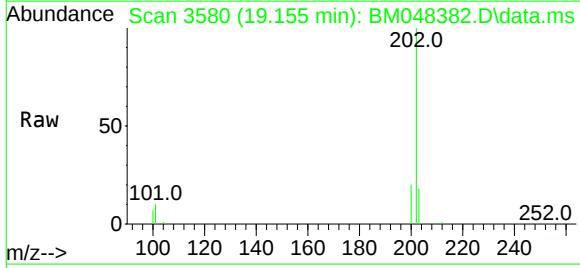
Tgt Ion:	178	Resp:	6683
Ion Ratio	Lower	Upper	
178	100		
179	21.6	14.2	21.2#
176	20.6	15.8	23.6





#19
 Fluoranthene
 Concen: 0.953 ng/u1
 RT: 19.155 min Scan# 3580
 Delta R.T. -0.014 min
 Lab File: BM048382.D
 Acq: 01 Nov 2024 06:30

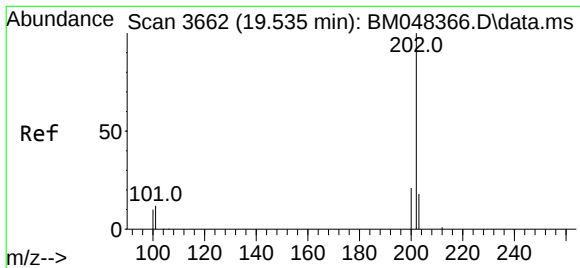
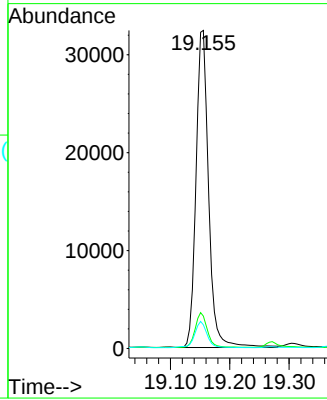
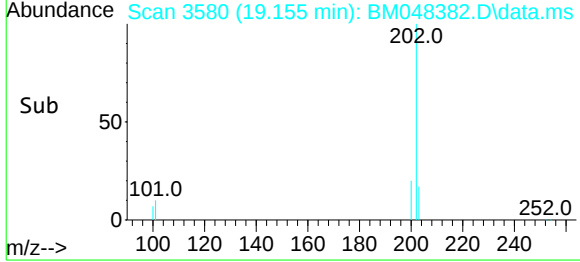
Instrument :
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 F7H05



Tgt Ion:	202	Resp:	47790
Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.0	13.4
100	7.4	6.6	10.0

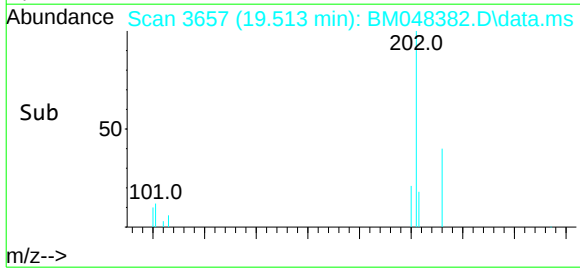
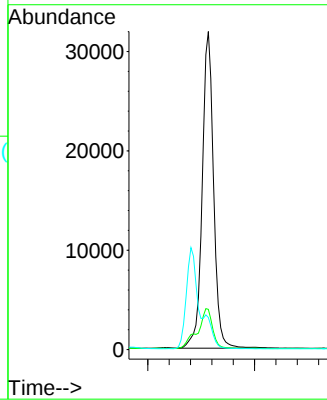
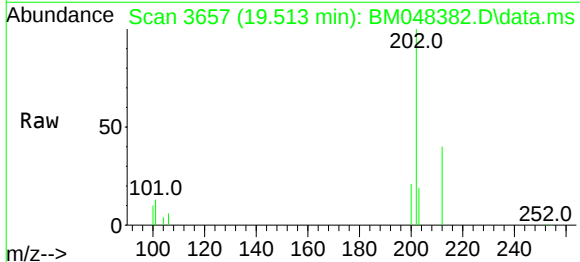
Manual Integrations
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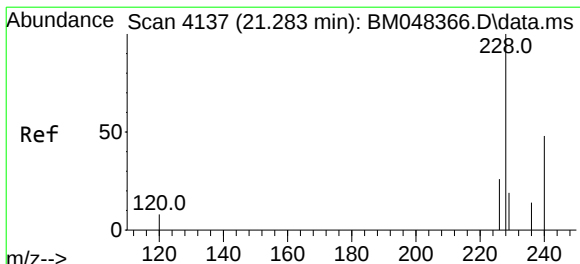
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#20
 Pyrene
 Concen: 0.875 ng/u1
 RT: 19.513 min Scan# 3657
 Delta R.T. -0.019 min
 Lab File: BM048382.D
 Acq: 01 Nov 2024 06:30

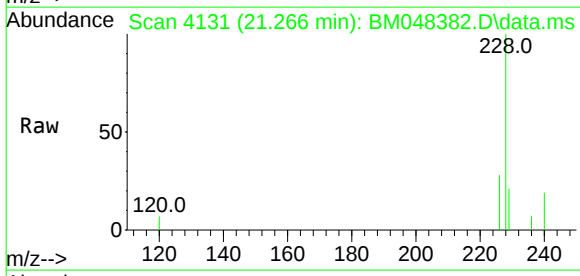
Tgt Ion:	202	Resp:	47112
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
100	10.1	8.0	12.0





#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.266 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

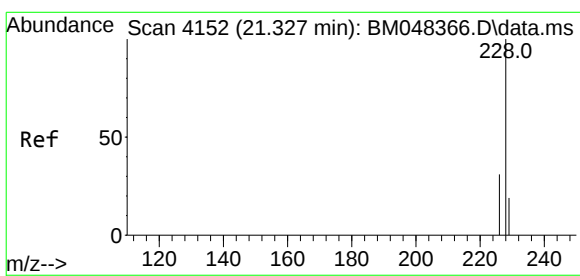
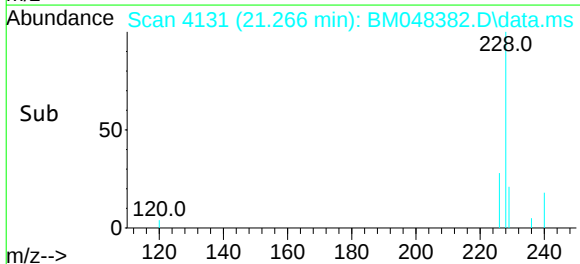
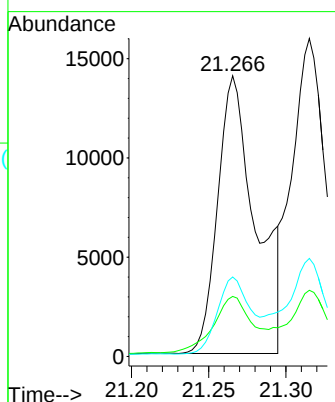
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Tgt Ion:	228	Resp:	23893
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.9	23.9
226	28.3	22.1	33.1

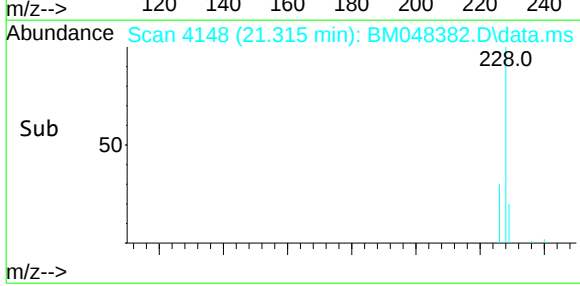
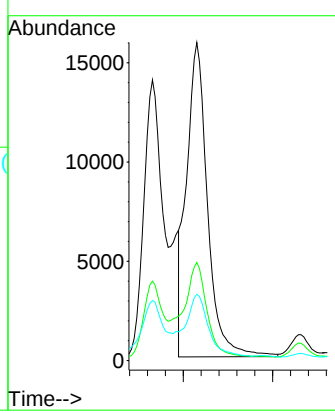
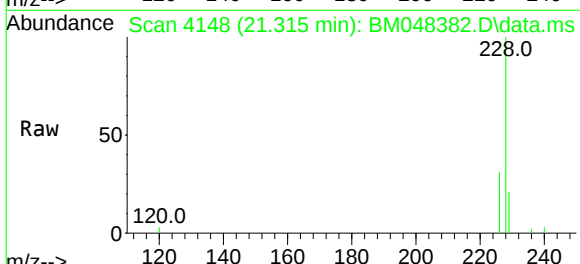
Manual Integrations
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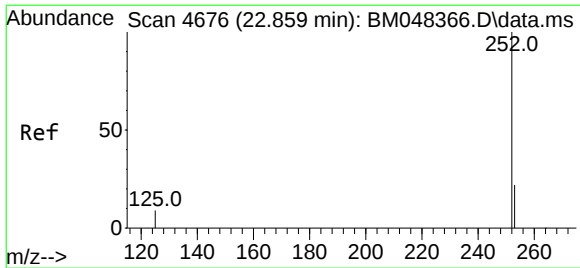
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.315 min Scan# 4148
Delta R.T. -0.012 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

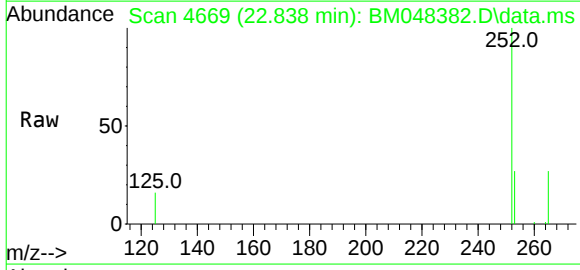
Tgt Ion:	228	Resp:	25800
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.1	36.1
229	20.8	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.808 ng/ul m
RT: 22.838 min Scan# 4669
Delta R.T. -0.023 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

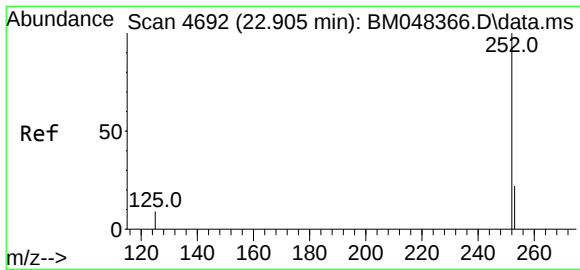
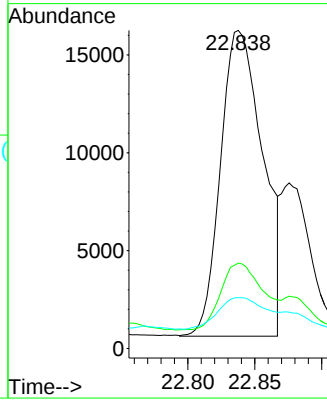
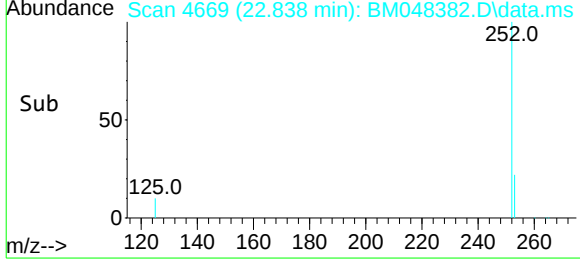
Instrument :
BNA_M
ClientSampleId :
F7H05



Tgt Ion:	252	Resp:	34473
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	59.4
125	16.0	0.0	38.0

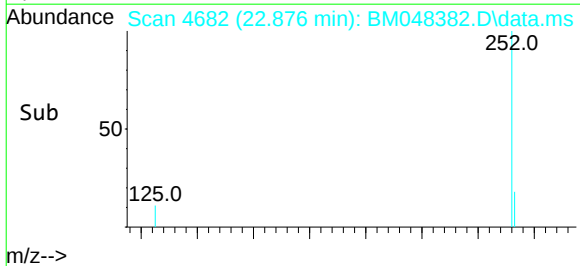
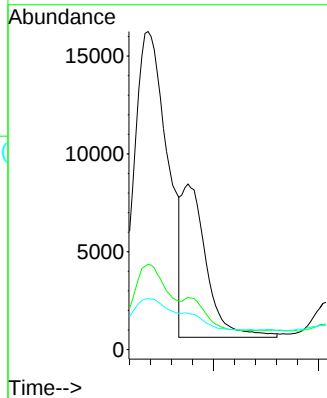
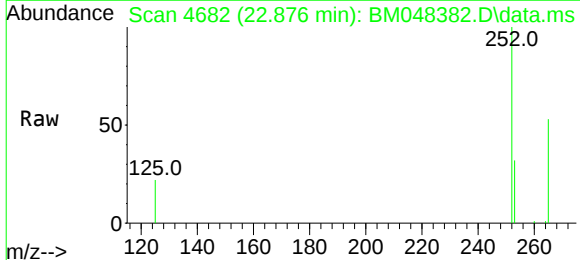
Manual Integrations
APPROVED

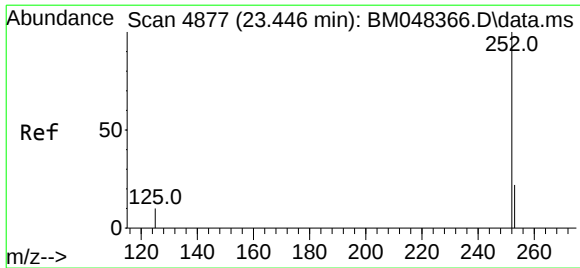
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.256 ng/ul m
RT: 22.876 min Scan# 4682
Delta R.T. -0.029 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

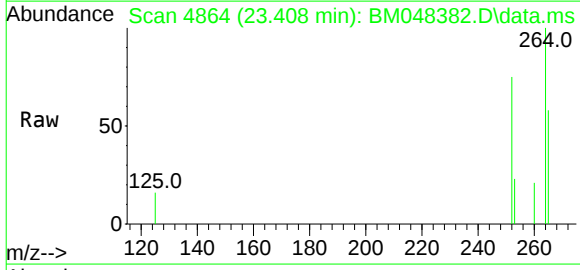
Tgt Ion:	252	Resp:	12938
Ion Ratio	Lower	Upper	
252	100		
253	31.6	23.4	35.0
125	22.0	15.3	22.9





#26
Benzo(a)pyrene
Concen: 0.426 ng/u1 m
RT: 23.408 min Scan# 48
Delta R.T. -0.032 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

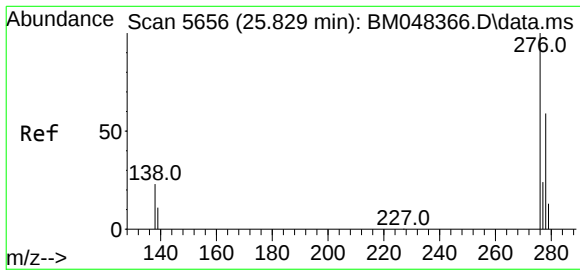
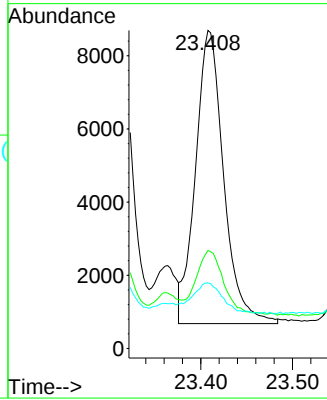
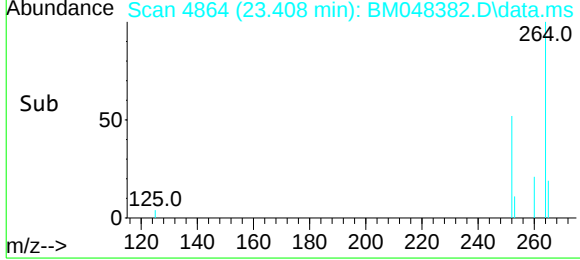
Instrument :
BNA_M
ClientSampleId :
F7H05



Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.8	27.7	41.5
125	20.6	21.1	31.7

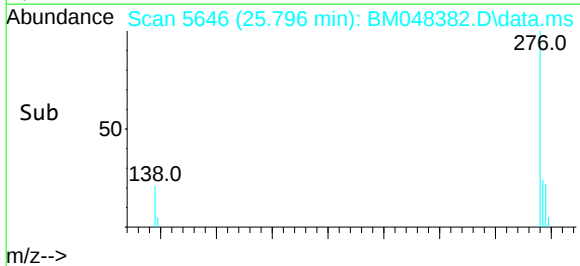
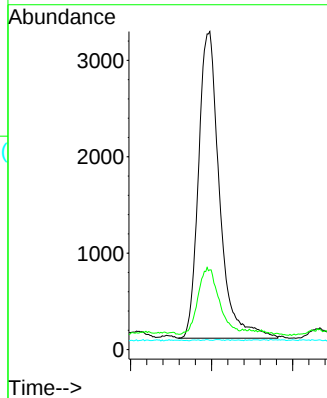
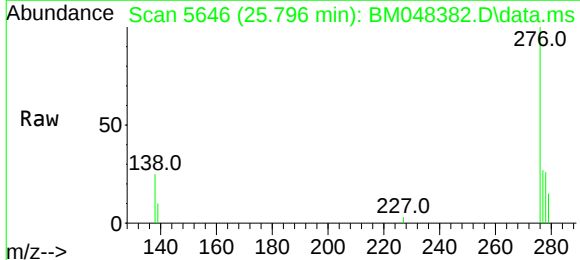
Manual Integrations
APPROVED

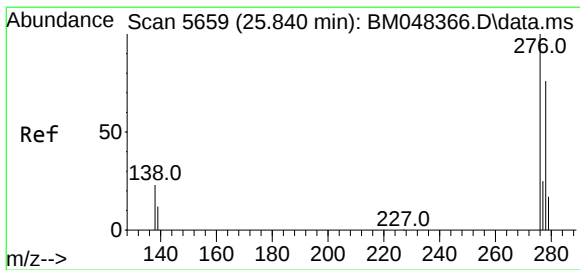
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/u1
RT: 25.796 min Scan# 5646
Delta R.T. -0.017 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.6	29.4
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.065 ng/ul

RT: 25.796 min Scan# 56

Delta R.T. -0.040 min

Lab File: BM048382.D

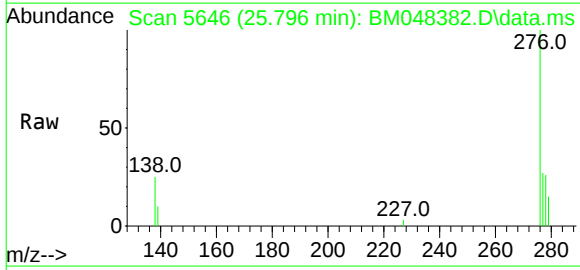
Acq: 01 Nov 2024 06:30

Instrument :

BNA_M

ClientSampleId :

F7H05



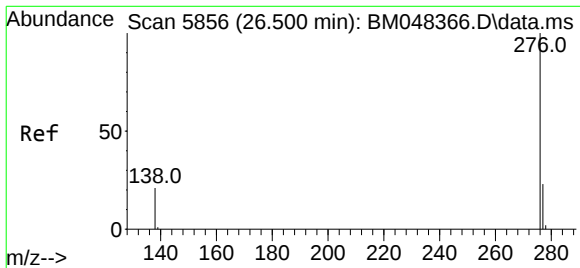
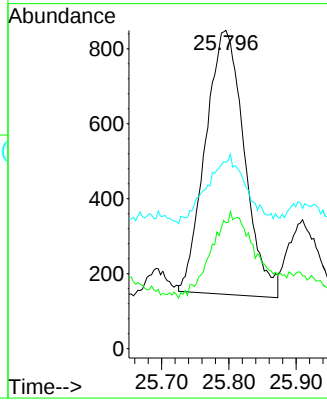
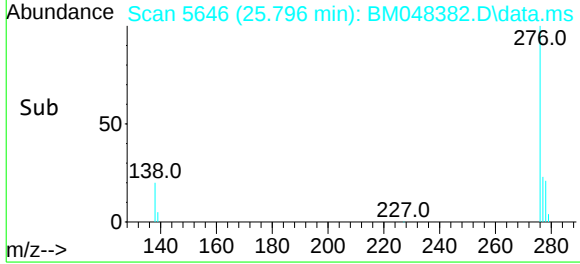
Tgt Ion:	278	Resp:	2835
Ion	Ratio	Lower	Upper
278	100		
139	39.6	15.6	23.4
279	58.5	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#29

Benzo(g,h,i)perylene

Concen: 0.227 ng/ul

RT: 26.483 min Scan# 5851

Delta R.T. -0.017 min

Lab File: BM048382.D

Acq: 01 Nov 2024 06:30

Tgt Ion:	276	Resp:	10723
Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.0	28.6
277	27.0	20.6	31.0

