

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048397.D
 Acq On : 01 Nov 2024 16:13
 Operator : RC/JU
 Sample : P4592-04DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H04DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 21:49:52 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	7.716	152	4015	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.501	136	12823	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.353	164	7478	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.094	188	14678	0.400	ng/ul	-0.03
17) Chrysene-d12	21.272	240	12567	0.400	ng/ul	-0.02
23) Perylene-d12	23.511	264	11224m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3576	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	896	0.055	ng/ul	-0.02
18) Fluoranthene-d10	19.122	212	2071	0.065	ng/ul	-0.02
Target Compounds				Qvalue		
5) Naphthalene	10.550	128	41874	1.250	ng/ul	96
7) 2-Methylnaphthalene	12.195	142	15984	0.802	ng/ul	98
8) 1-Methylnaphthalene	12.404	142	9327	0.439	ng/ul	97
10) Acenaphthylene	14.071	152	6169	0.213	ng/ul	96
11) Acenaphthene	14.413	153	52638	2.272	ng/ul	99
12) Fluorene	15.408	166	53168	2.064	ng/ul	99
15) Phenanthrene	17.132	178	389354	10.671	ng/ul	97
16) Anthracene	17.229	178	83546	2.446	ng/ul	98
19) Fluoranthene	19.150	202	418633	9.661	ng/ul	98
20) Pyrene	19.512	202	330088	7.099	ng/ul	99
21) Benzo(a)anthracene	21.257	228	105066	2.791	ng/ul	99
22) Chrysene	21.307	228	111184	2.146	ng/ul	99
24) Benzo(b)fluoranthene	22.835	252	112078m	2.922	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	39645m	0.873	ng/ul	
26) Benzo(a)pyrene	23.408	252	58709m	1.630	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.779	276	35617	0.707	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.783	278	8215	0.209	ng/ul	94
29) Benzo(g,h,i)perylene	26.474	276	33996	0.801	ng/ul	97

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

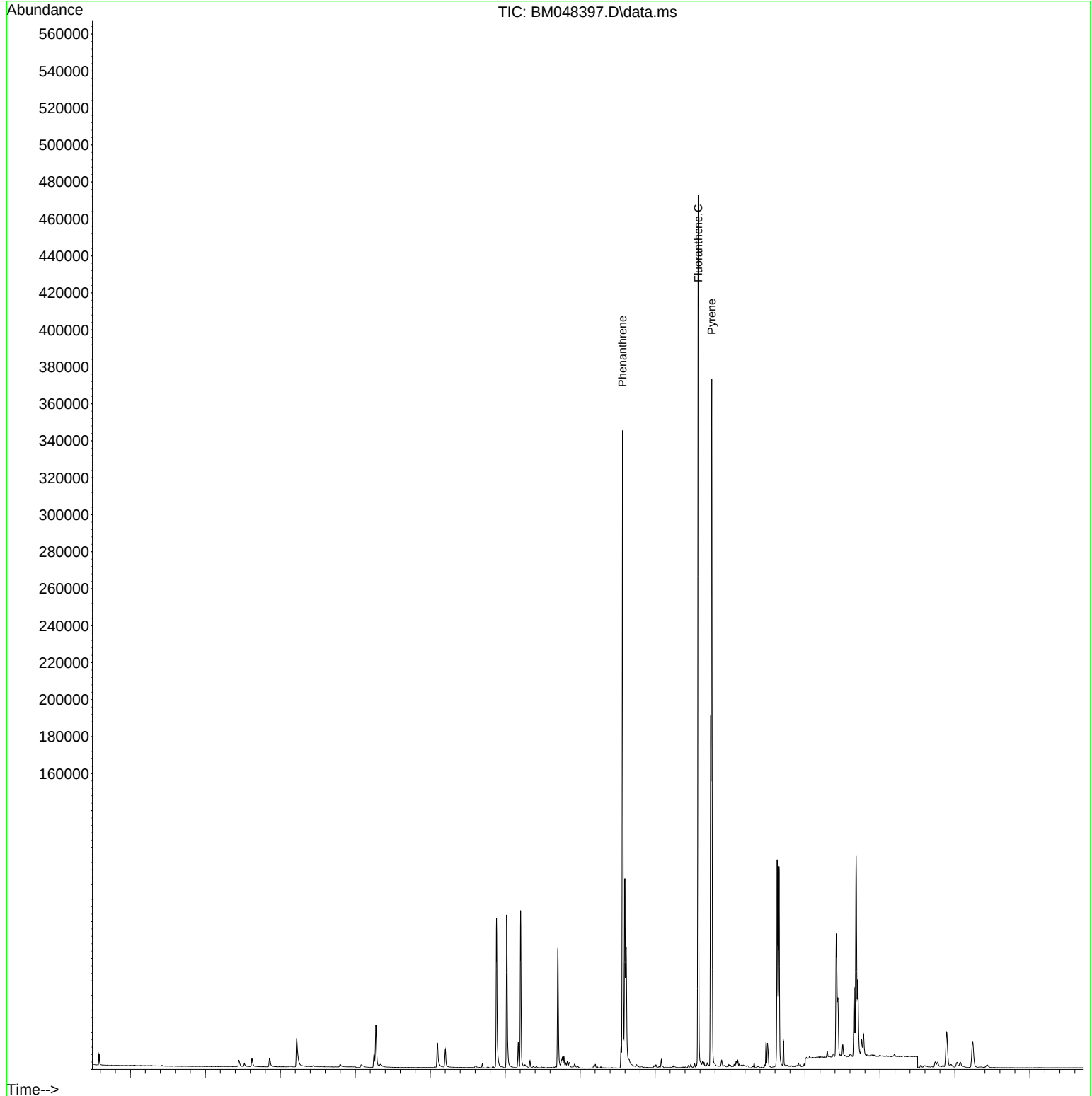
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048397.D
Acq On : 01 Nov 2024 16:13
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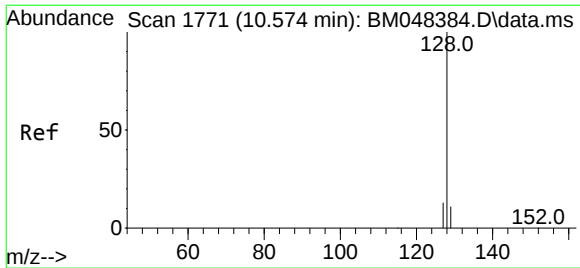
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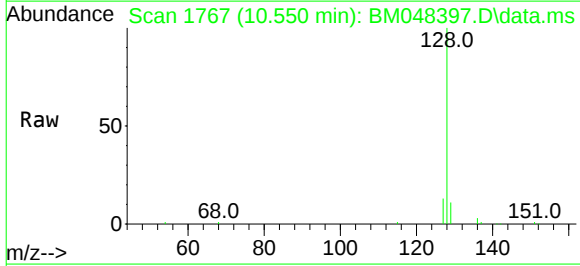
Quant Time: Nov 03 21:49:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.250 ng/ul
RT: 10.550 min Scan# 1771
Delta R.T. -0.029 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

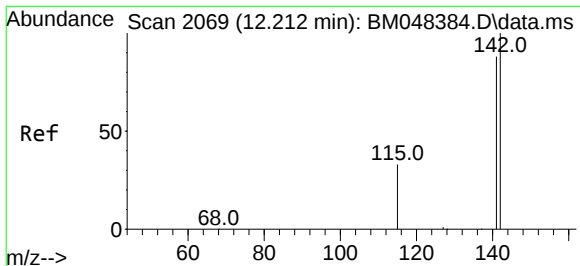
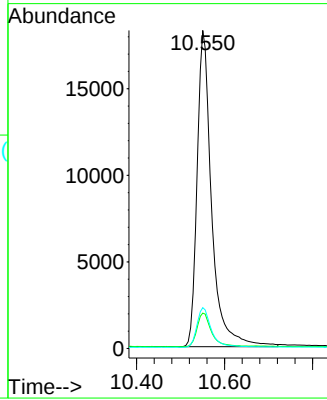
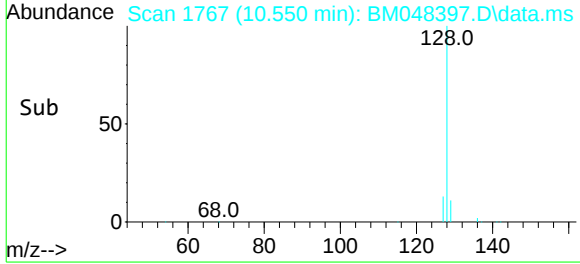
Instrument :
BNA_M
ClientSampleId :
F7H04DL



Tgt Ion:128 Resp: 41874
Ion Ratio Lower Upper
128 100
129 11.1 10.6 15.8
127 12.9 11.4 17.2

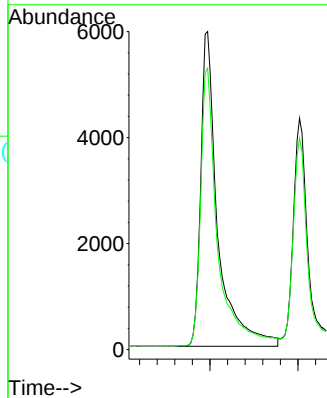
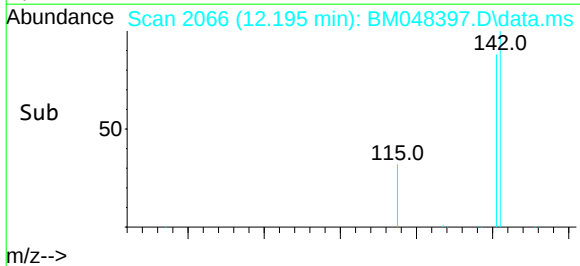
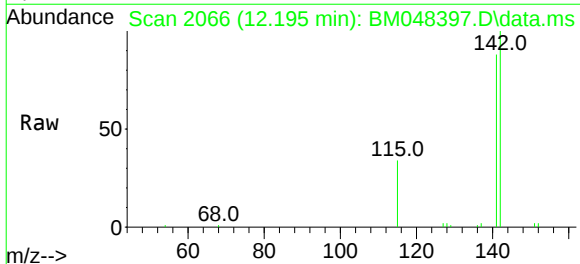
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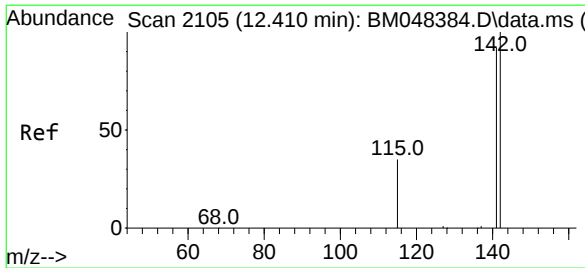
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#7
2-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.018 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

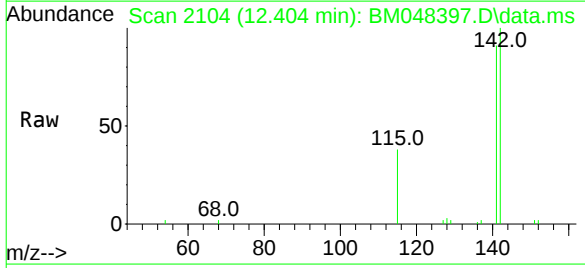
Tgt Ion:142 Resp: 15984
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.404 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

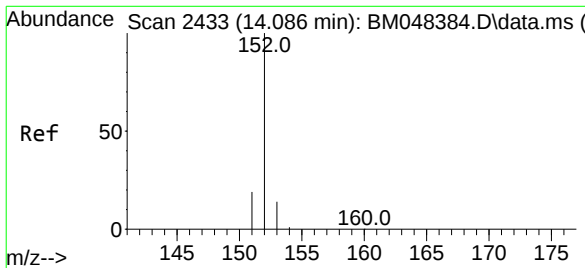
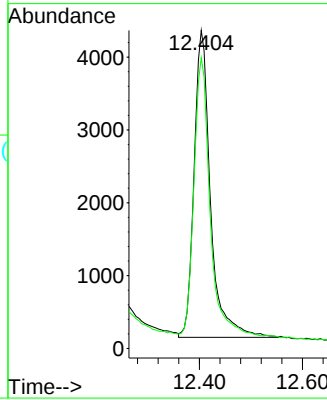
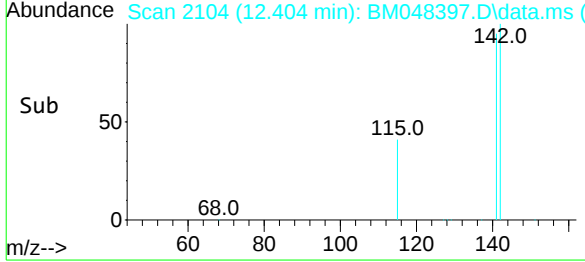
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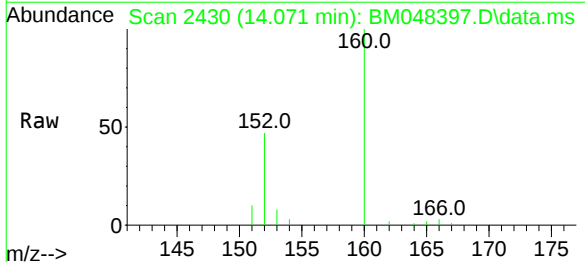
Tgt Ion:142 Resp: 9327
Ion Ratio Lower Upper
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141 91.3 75.5 113.3

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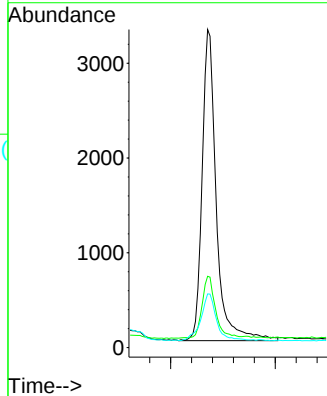
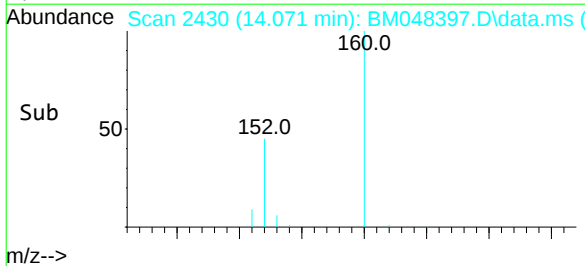
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

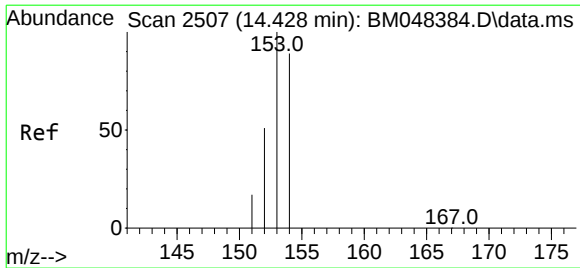


#10
Acenaphthylene
Concen: 0.213 ng/ul
RT: 14.071 min Scan# 2430
Delta R.T. -0.020 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13



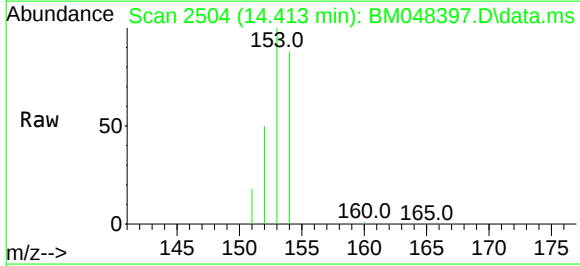
Tgt Ion:152 Resp: 6169
Ion Ratio Lower Upper
152 100
151 22.4 16.6 24.8
153 16.9 11.8 17.6





#11
Acenaphthene
Concen: 2.272 ng/u1
RT: 14.413 min Scan# 2504
Delta R.T. -0.015 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

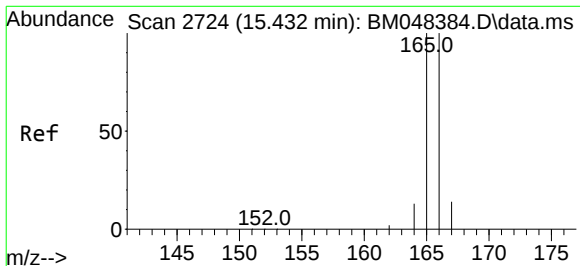
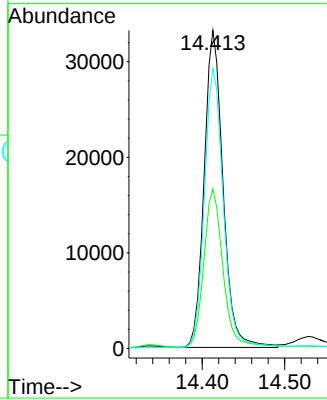
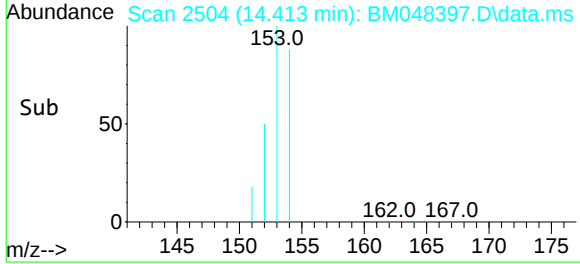
Instrument :
BNA_M
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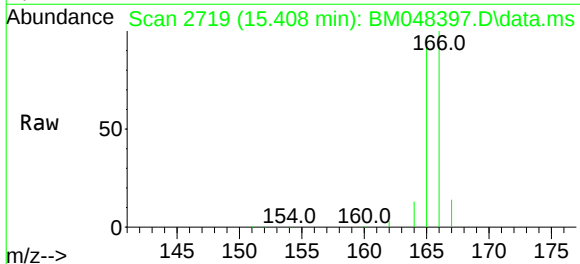
Tgt Ion:153 Resp: 52638
Ion Ratio Lower Upper
153 100
152 50.1 40.7 61.1
154 87.9 70.6 106.0

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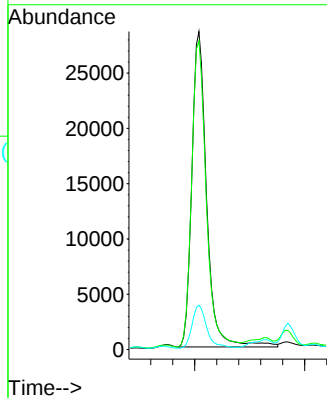
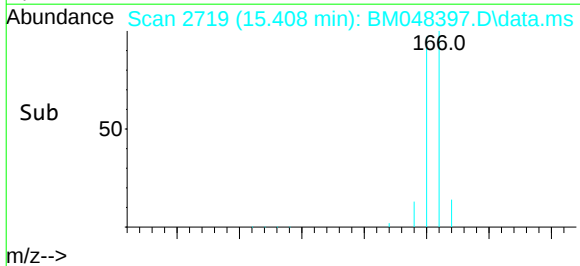
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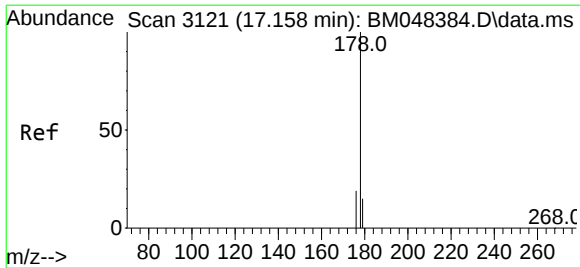


#12
Fluorene
Concen: 2.064 ng/u1
RT: 15.408 min Scan# 2719
Delta R.T. -0.024 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13



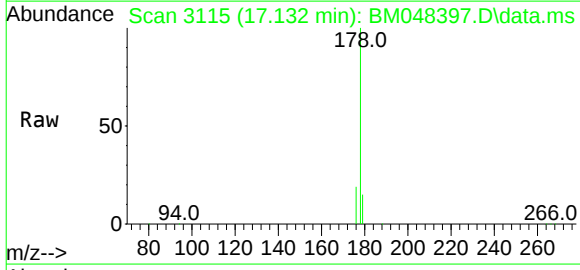
Tgt Ion:166 Resp: 53168
Ion Ratio Lower Upper
166 100
165 97.1 78.6 118.0
167 14.0 12.1 18.1





#15
Phenanthrene
Concen: 10.671 ng/u1
RT: 17.132 min Scan# 3115
Delta R.T. -0.027 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

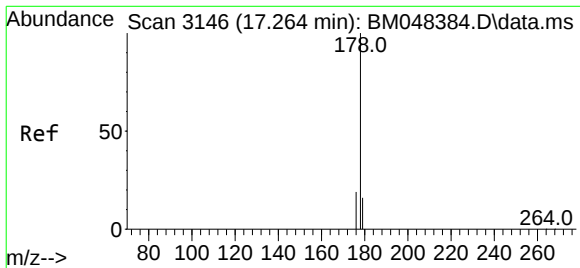
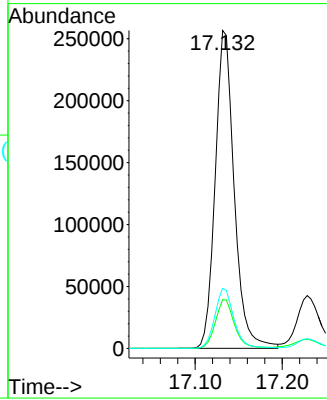
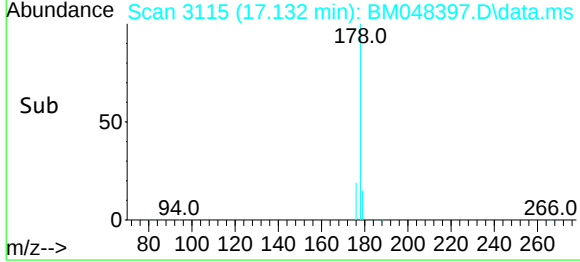
Instrument :
BNA_M
ClientSampleId :
F7H04DL



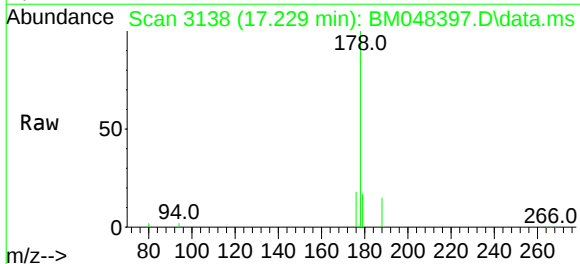
Tgt Ion:178 Resp: 389354
Ion Ratio Lower Upper
178 100
179 15.4 13.9 20.9
176 18.9 16.0 24.0

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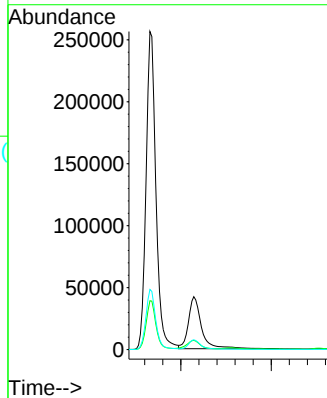
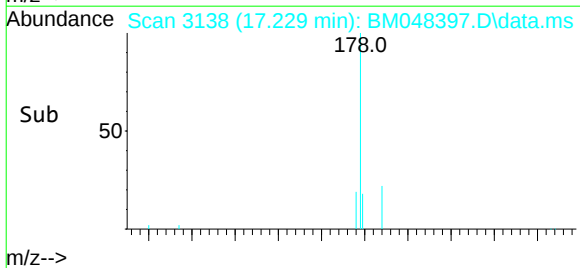
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

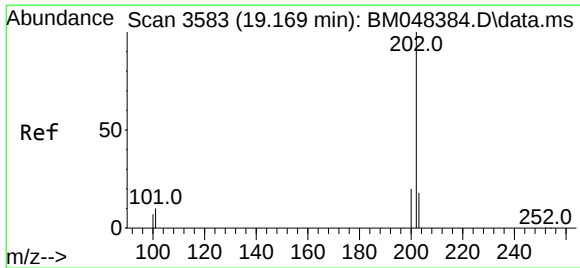


#16
Anthracene
Concen: 2.446 ng/u1
RT: 17.229 min Scan# 3138
Delta R.T. -0.031 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13



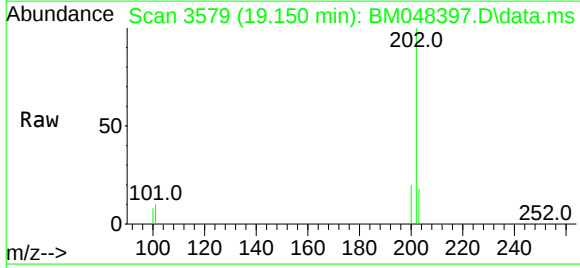
Tgt Ion:178 Resp: 83546
Ion Ratio Lower Upper
178 100
179 17.5 14.2 21.2
176 18.4 15.8 23.6





#19
 Fluoranthene
 Concen: 9.661 ng/u1
 RT: 19.150 min Scan# 3583
 Delta R.T. -0.020 min
 Lab File: BM048397.D
 Acq: 01 Nov 2024 16:13

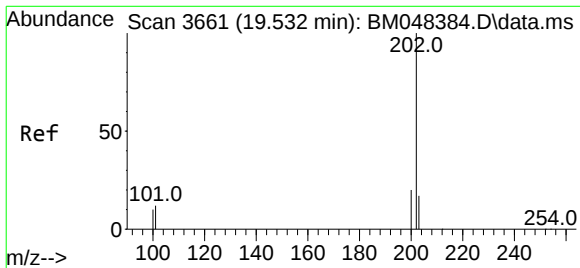
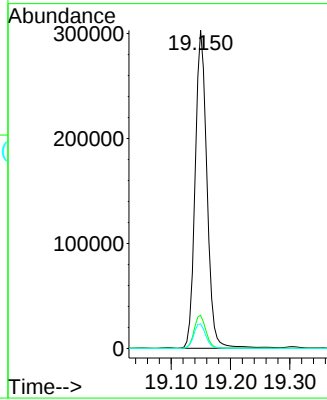
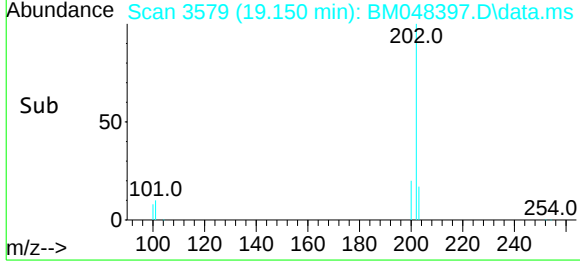
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Tgt Ion:	202	Resp:	418633
Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.0	13.4
100	7.7	6.6	10.0

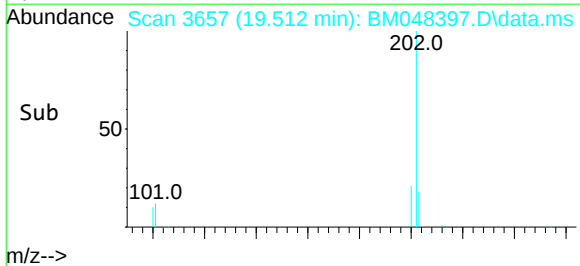
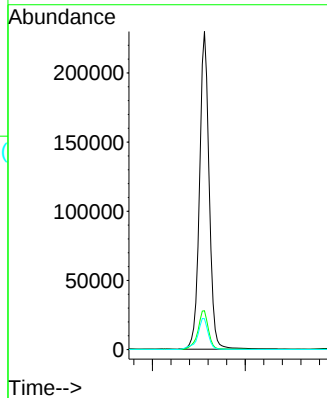
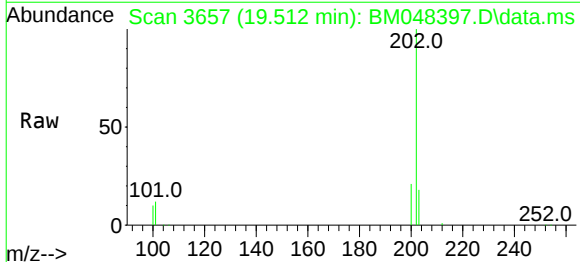
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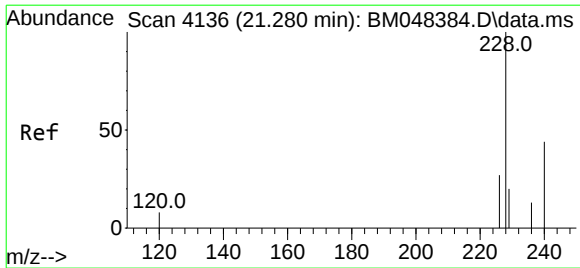
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#20
 Pyrene
 Concen: 7.099 ng/u1
 RT: 19.512 min Scan# 3657
 Delta R.T. -0.020 min
 Lab File: BM048397.D
 Acq: 01 Nov 2024 16:13

Tgt Ion:	202	Resp:	330088
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.0	15.0
100	9.7	8.0	12.0





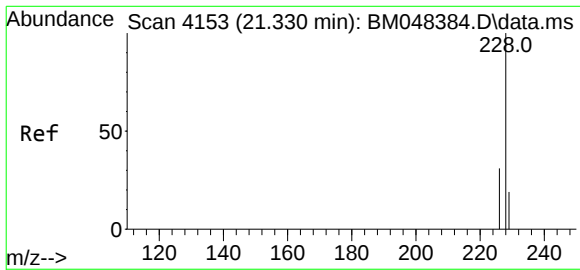
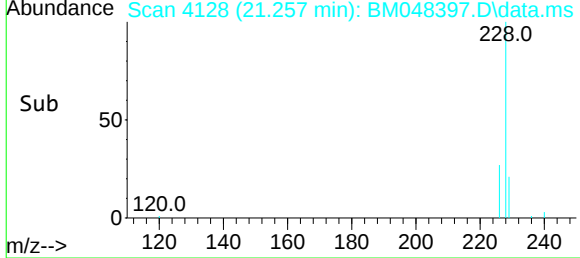
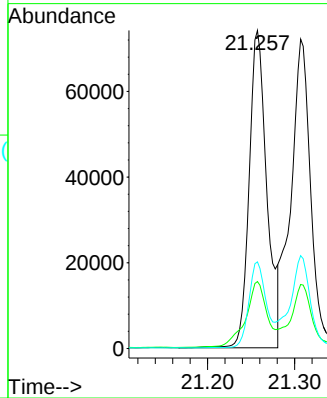
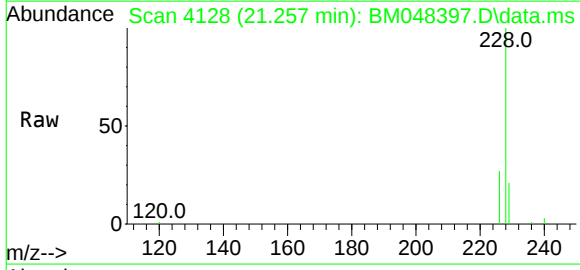
#21
Benzo(a)anthracene
Concen: 2.791 ng/u1
RT: 21.257 min Scan# 411
Delta R.T. -0.023 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Instrument :
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Tgt Ion:	228	Resp:	105066
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	27.2	22.1	33.1

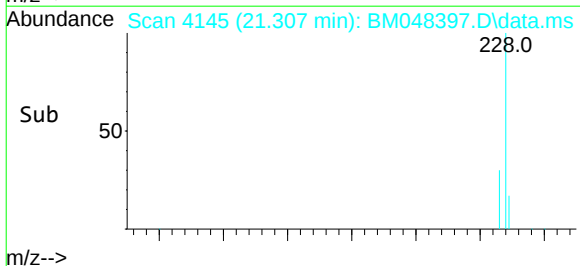
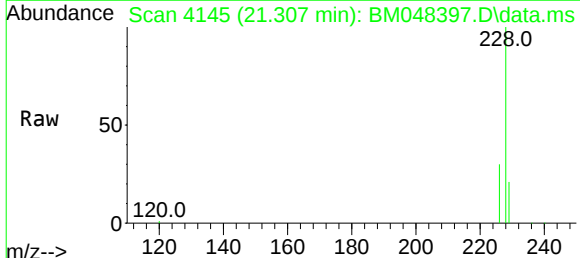
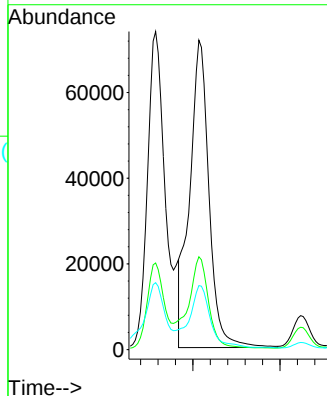
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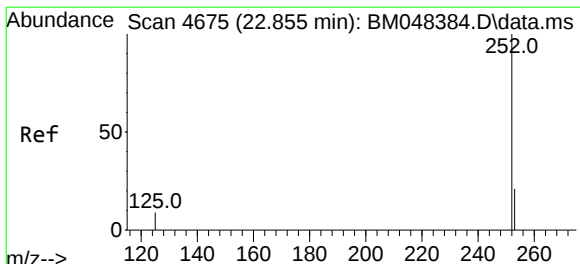
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 2.146 ng/u1
RT: 21.307 min Scan# 4145
Delta R.T. -0.020 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:	228	Resp:	111184
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	20.7	15.9	23.9





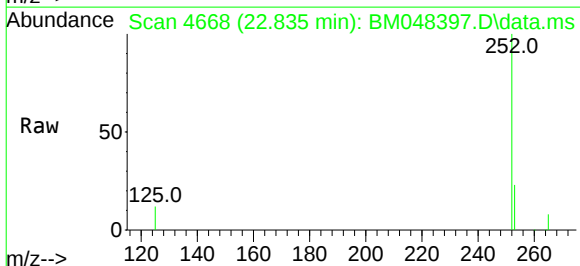
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 Benzo(b)fluoranthene
 Concen: 2.922 ng/u1 m
 RT: 22.835 min Scan# 46
 Delta R.T. -0.026 min
 Lab File: BM048397.D
 Acq: 01 Nov 2024 16:13

Instrument :

BNA_M

ClientSampleId :

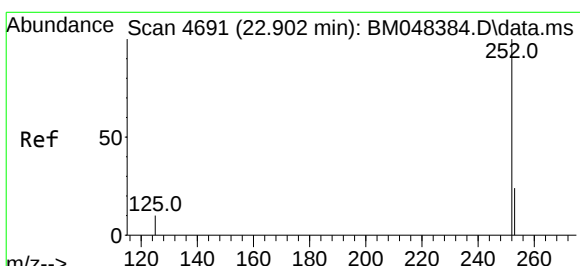
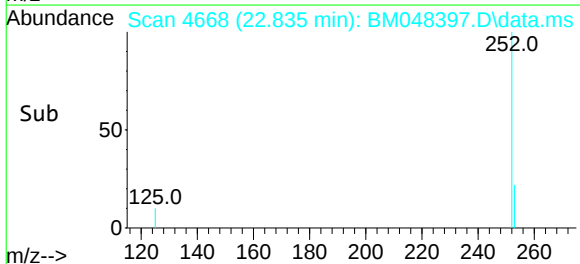
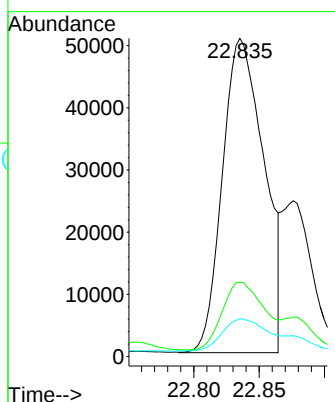
F7H04DL



Tgt Ion:	252	Resp:	112078
Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	59.4
125	11.8	0.0	38.0

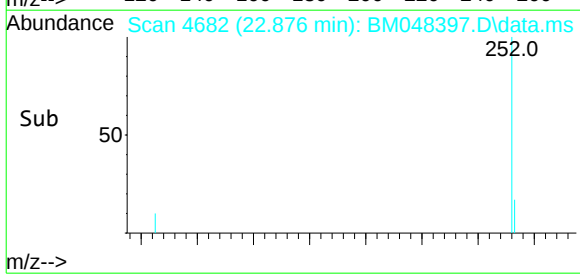
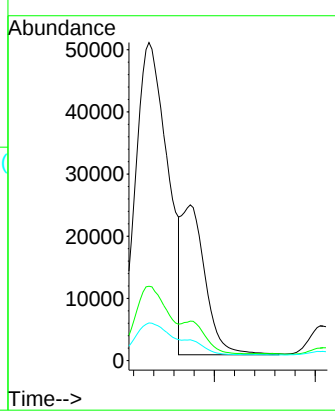
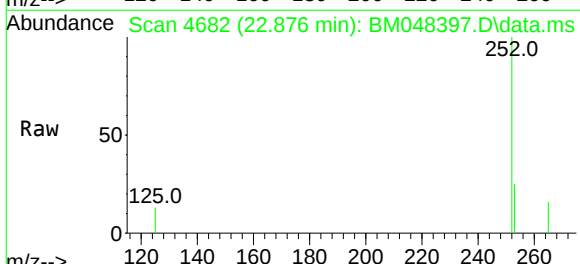
Manual Integrations
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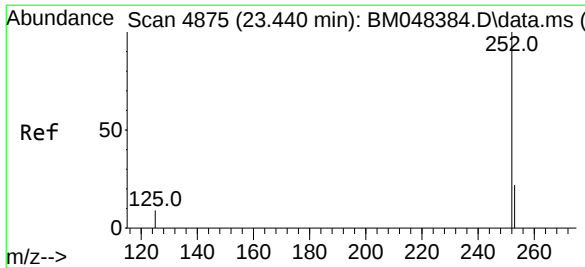
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#25
 Benzo(k)fluoranthene
 Concen: 0.873 ng/u1 m
 RT: 22.876 min Scan# 4682
 Delta R.T. -0.029 min
 Lab File: BM048397.D
 Acq: 01 Nov 2024 16:13

Tgt Ion:	252	Resp:	39645
Ion	Ratio	Lower	Upper
252	100		
253	25.4	23.4	35.0
125	13.4	15.3	22.9#





#26

Benzo(a)pyrene

Concen: 1.630 ng/ul m

RT: 23.408 min Scan# 48

Delta R.T. -0.032 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Instrument :

BNA_M

ClientSampleId :

F7H04DL

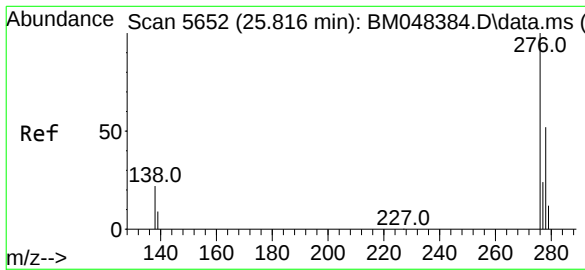
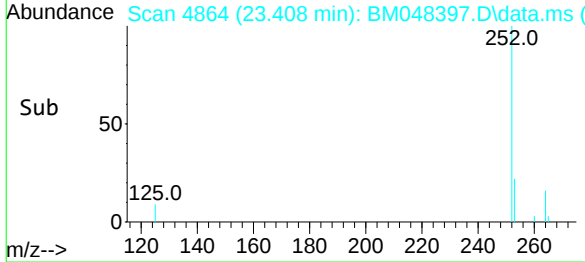
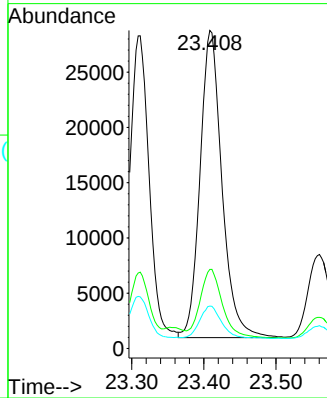
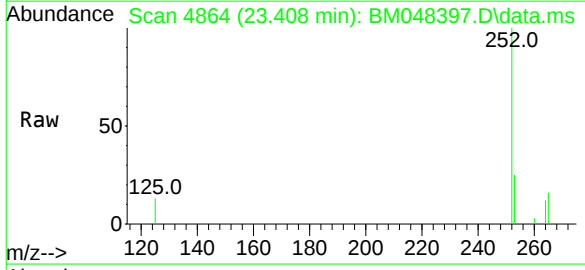
Tgt Ion:	252	Resp:	58709
Ion Ratio	Lower	Upper	
252	100		
253	24.9	27.7	41.5#
125	13.3	21.1	31.7#

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: 0.707 ng/ul

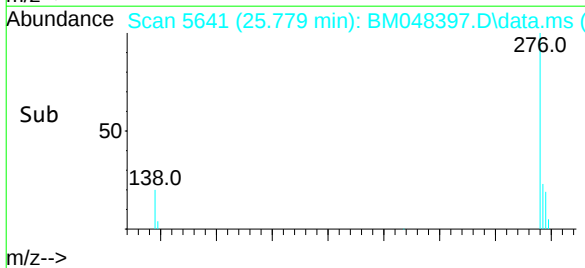
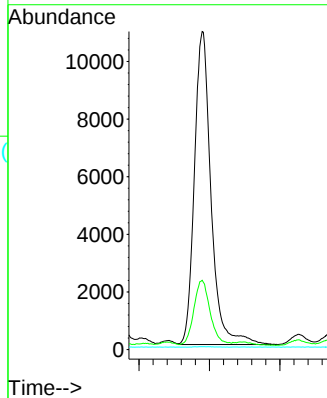
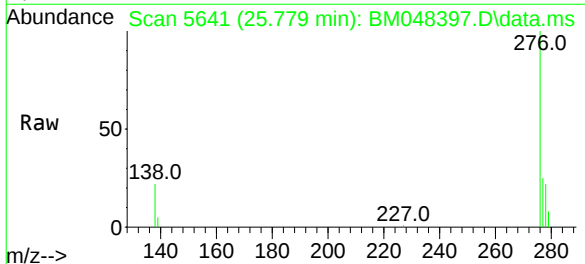
RT: 25.779 min Scan# 5641

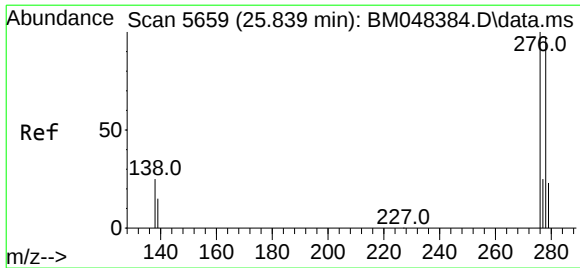
Delta R.T. -0.033 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Tgt Ion:	276	Resp:	35617
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.6	29.4
227	0.1	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.209 ng/ul

RT: 25.783 min Scan# 56

Delta R.T. -0.053 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Instrument :

BNA_M

ClientSampleId :

F7H04DL

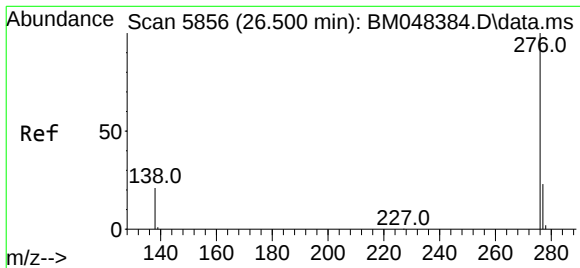
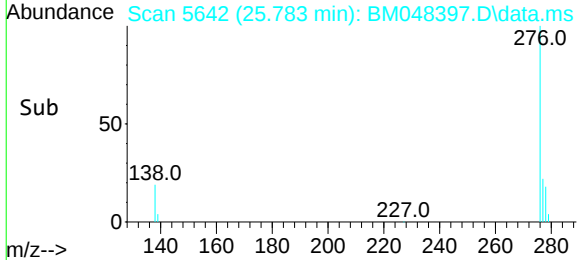
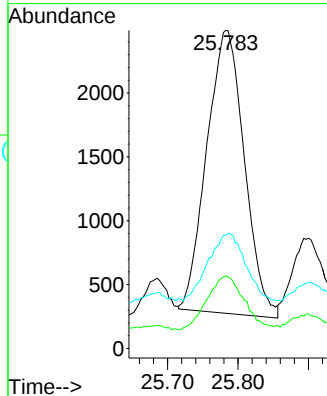
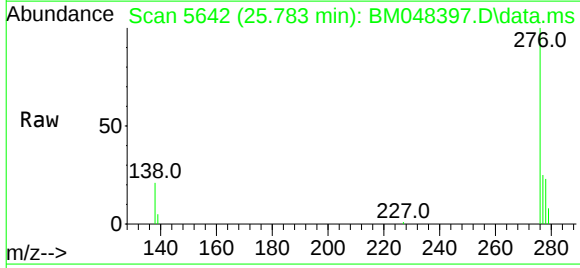
Tgt Ion:	278	Resp:	8215
Ion Ratio	Lower	Upper	
278	100		
139	22.9	15.6	23.4
279	35.6	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#29

Benzo(g,h,i)perylene

Concen: 0.801 ng/ul

RT: 26.474 min Scan# 5848

Delta R.T. -0.026 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Tgt Ion:	276	Resp:	33996
Ion Ratio	Lower	Upper	
276	100		
138	22.4	19.0	28.6
277	24.7	20.6	31.0

