

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048381.D
 Acq On : 01 Nov 2024 05:54
 Operator : RC/JU
 Sample : P4592-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H04

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 07:05:36 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	5188	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	17064	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	10065	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.091	188	20919m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.271	240	16878m	0.400	ng/ul	-0.02
23) Perylene-d12	23.507	264	16392m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17943	2.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	5123	0.236	ng/ul	-0.05
18) Fluoranthene-d10	19.118	212	12346	0.288	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	227921	5.111	ng/ul	95
7) 2-Methylnaphthalene	12.168	142	95549	3.601	ng/ul	98
8) 1-Methylnaphthalene	12.388	142	53046	1.876	ng/ul	96
10) Acenaphthylene	14.067	152	33870	0.871	ng/ul	99
11) Acenaphthene	14.409	153	280371	8.991	ng/ul	98
12) Fluorene	15.400	166	297173	8.570	ng/ul	99
15) Phenanthrene	17.133	178	2062822m	39.670	ng/ul	
16) Anthracene	17.226	178	440630m	9.053	ng/ul	
19) Fluoranthene	19.151	202	2213800	38.040	ng/ul	100
20) Pyrene	19.513	202	1752701	28.067	ng/ul	99
21) Benzo(a)anthracene	21.254	228	630095m	12.463	ng/ul	
22) Chrysene	21.306	228	641552	9.220	ng/ul	98
24) Benzo(b)fluoranthene	22.835	252	679851m	12.135	ng/ul	
25) Benzo(k)fluoranthene	22.873	252	226882m	3.421	ng/ul	
26) Benzo(a)pyrene	23.408	252	367962	6.995	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.765	276	217986	2.963	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.769	278	51684	0.901	ng/ul	95
29) Benzo(g,h,i)perylene	26.460	276	198161	3.196	ng/ul	96

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

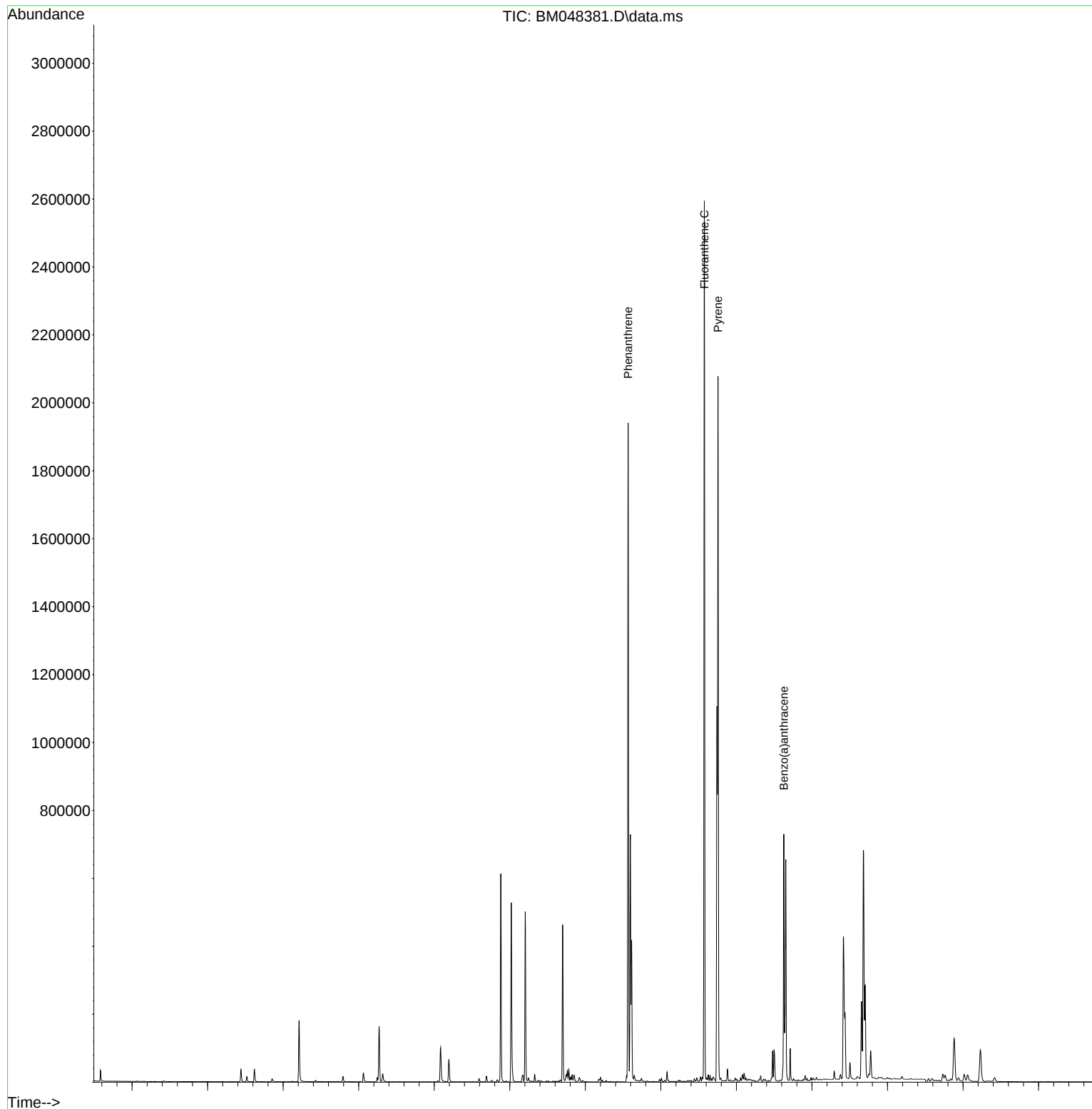
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
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ALS Vial : 33 Sample Multiplier: 1

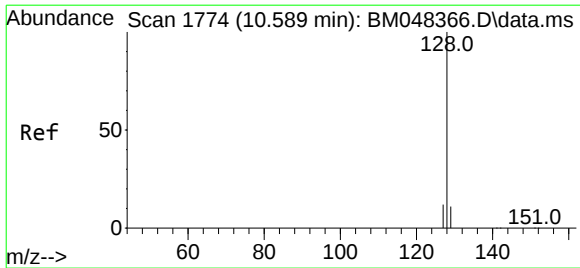
Instrument :
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ClientSampleId :
F7H04

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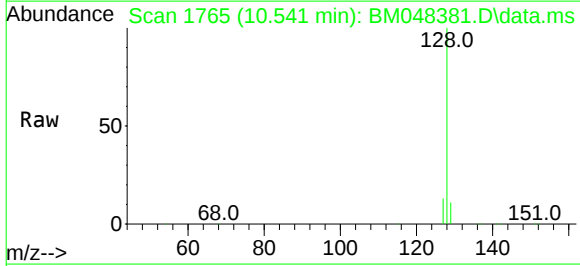
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 5.111 ng/ul
RT: 10.541 min Scan# 17
Delta R.T. -0.039 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

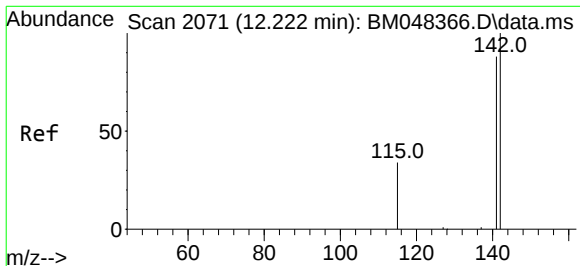
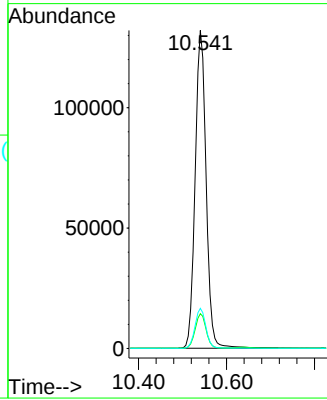
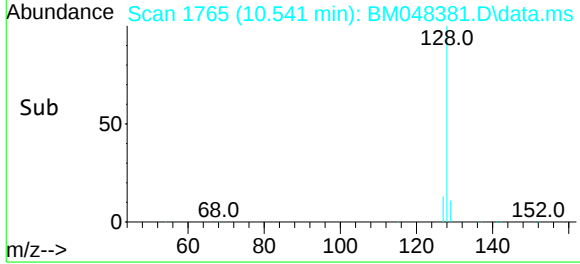
Instrument :
BNA_M
ClientSampleId :
F7H04



Tgt Ion:128 Resp: 227921
Ion Ratio Lower Upper
128 100
129 10.9 10.6 15.8
127 12.6 11.4 17.2

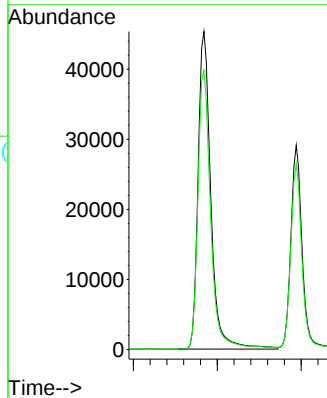
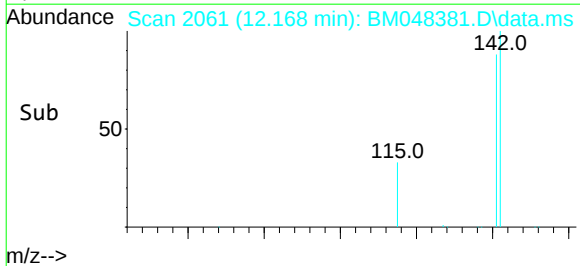
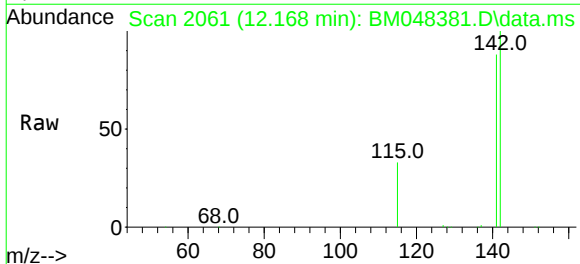
Manual Integrations
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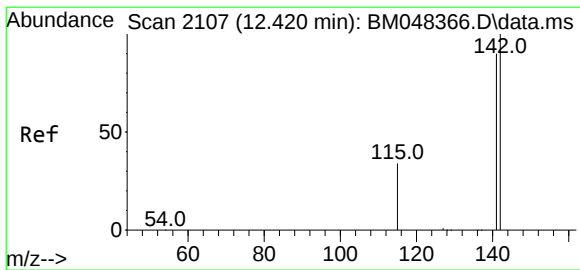
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#7
2-Methylnaphthalene
Concen: 3.601 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.044 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

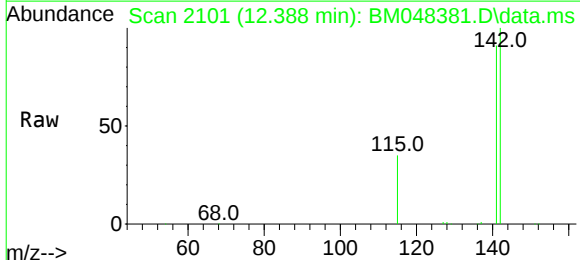
Tgt Ion:142 Resp: 95549
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 1.876 ng/ul
RT: 12.388 min Scan# 2107
Delta R.T. -0.028 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

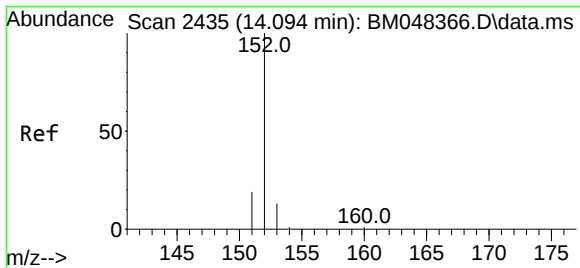
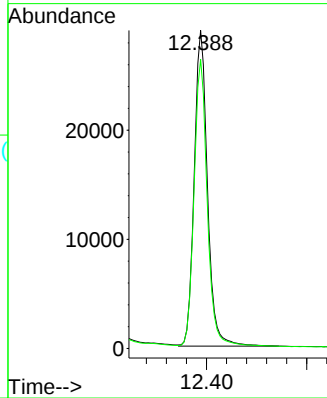
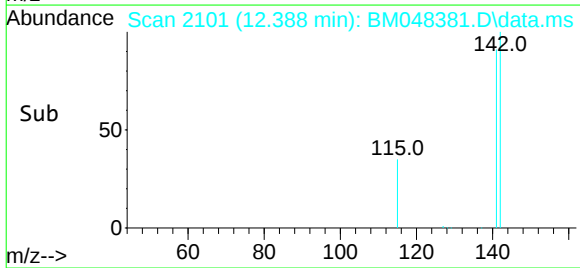
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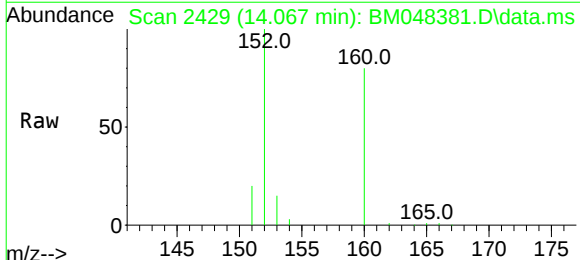
Tgt Ion:142 Resp: 53046
Ion Ratio Lower Upper
142 100
141 90.9 75.5 113.3

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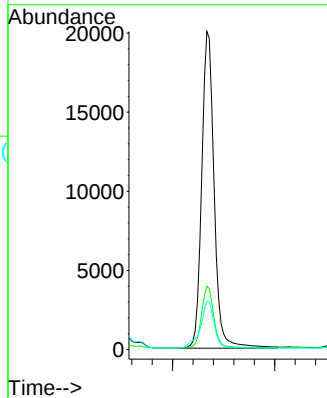
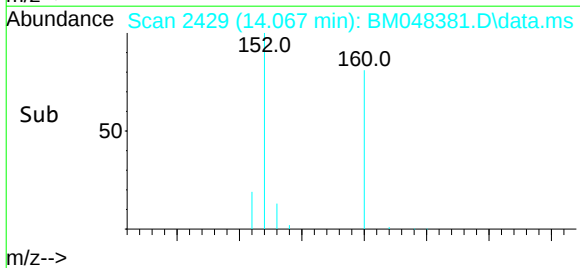
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

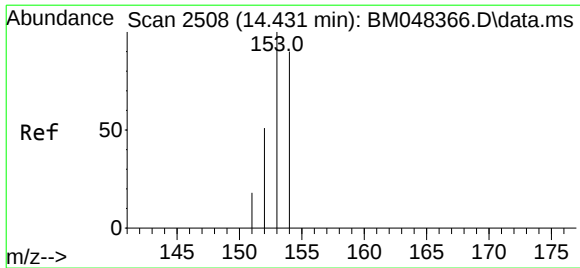


#10
Acenaphthylene
Concen: 0.871 ng/ul
RT: 14.067 min Scan# 2429
Delta R.T. -0.023 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54



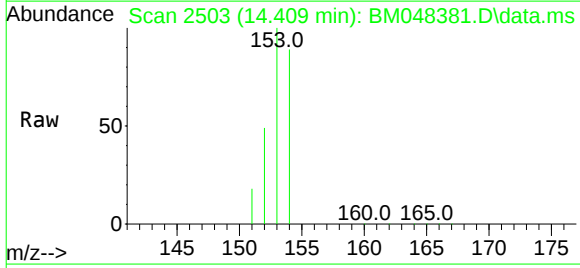
Tgt Ion:152 Resp: 33870
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 15.1 11.8 17.6





#11
Acenaphthene
Concen: 8.991 ng/ul
RT: 14.409 min Scan# 2508
Delta R.T. -0.019 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

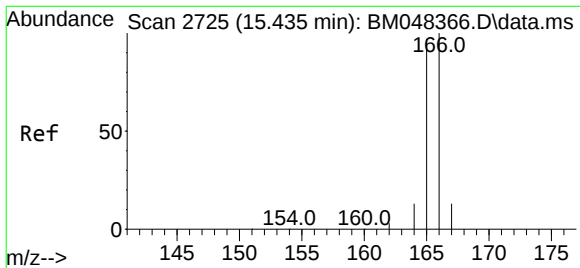
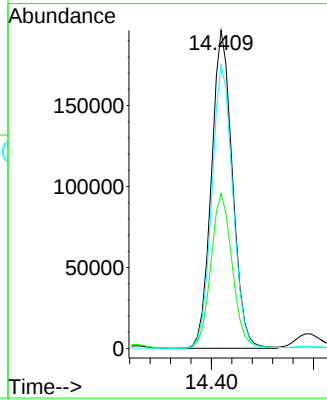
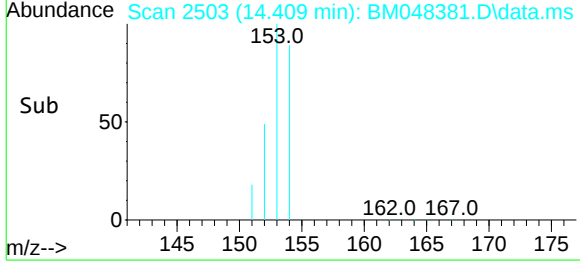
Instrument :
BNA_M
ClientSampleId :
F7H04



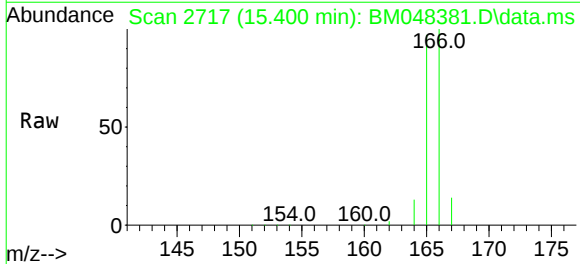
Tgt Ion:153 Resp: 280371
Ion Ratio Lower Upper
153 100
152 48.7 40.7 61.1
154 89.2 70.6 106.0

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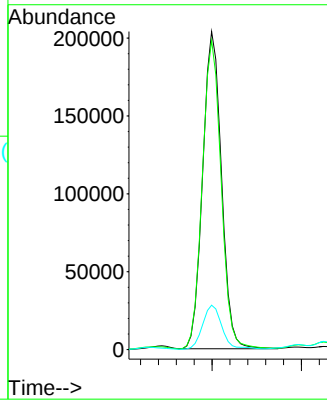
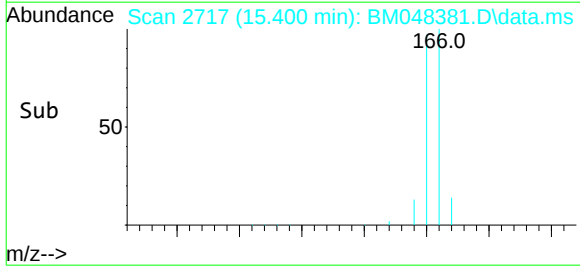
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

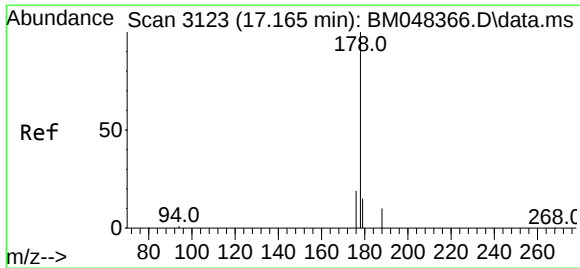


#12
Fluorene
Concen: 8.570 ng/ul
RT: 15.400 min Scan# 2717
Delta R.T. -0.032 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54



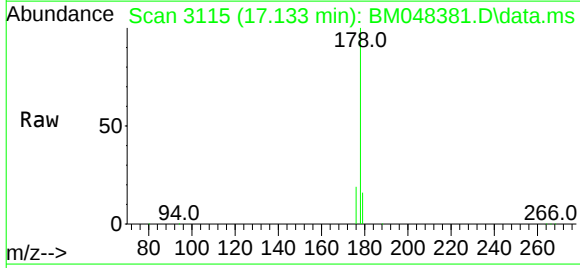
Tgt Ion:166 Resp: 297173
Ion Ratio Lower Upper
166 100
165 97.2 78.6 118.0
167 14.0 12.1 18.1





#15
Phenanthrene
Concen: 39.670 ng/u1 m
RT: 17.133 min Scan# 3115
Delta R.T. -0.025 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

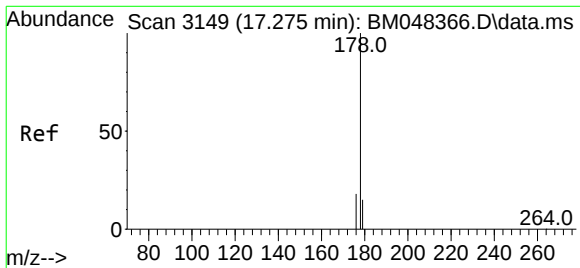
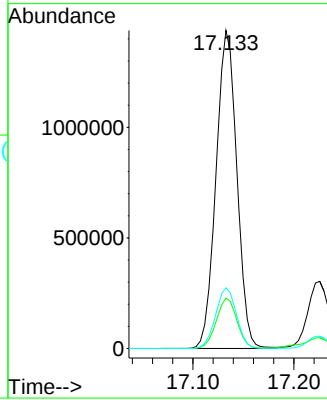
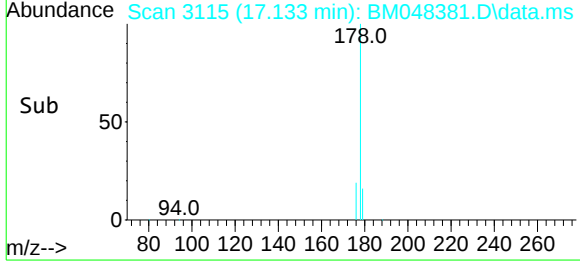
Instrument :
BNA_M
ClientSampleId :
F7H04



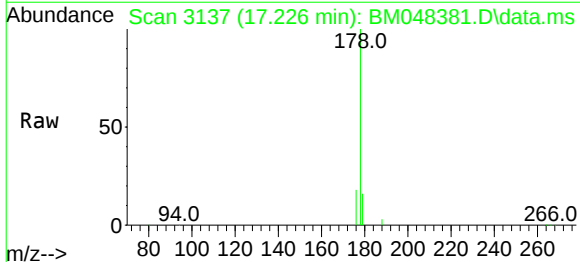
Tgt Ion:178 Resp: 2062822
Ion Ratio Lower Upper
178 100
179 15.8 13.9 20.9
176 19.1 16.0 24.0

Manual Integrations
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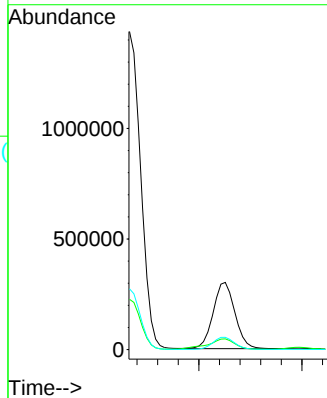
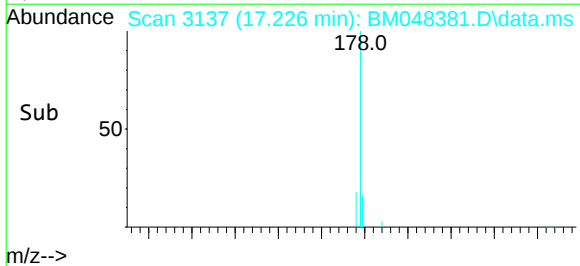
Reviewed By :Yogesh Patel 11/04/2024
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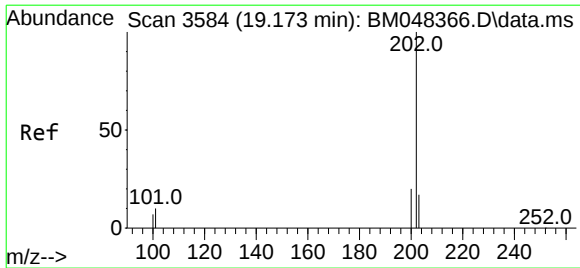


#16
Anthracene
Concen: 9.053 ng/u1 m
RT: 17.226 min Scan# 3137
Delta R.T. -0.034 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54



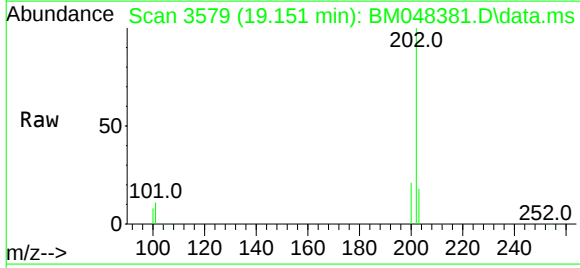
Tgt Ion:178 Resp: 440630
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 18.2 15.8 23.6





#19
 Fluoranthene
 Concen: 38.040 ng/u1
 RT: 19.151 min Scan# 3579
 Delta R.T. -0.019 min
 Lab File: BM048381.D
 Acq: 01 Nov 2024 05:54

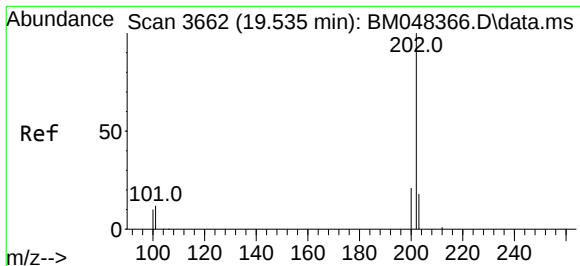
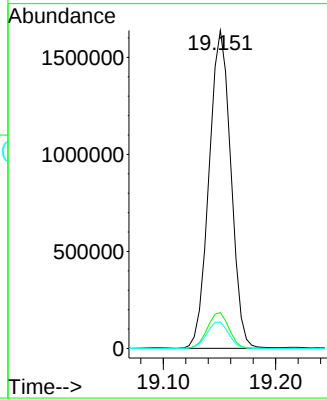
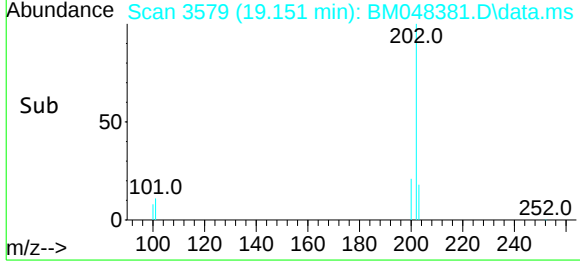
Instrument :
 BNA_M
 ClientSampleId :
 F7H04



Tgt Ion:	202	Resp:	2213800
Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
100	8.3	6.6	10.0

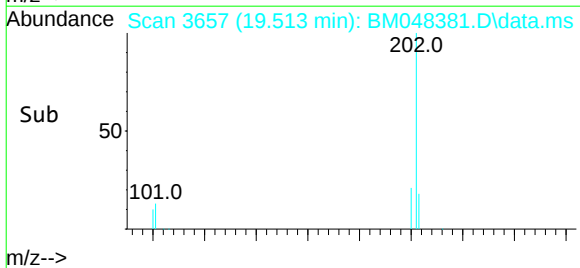
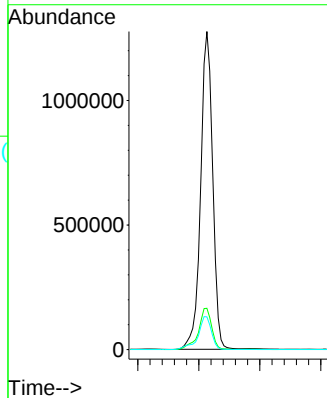
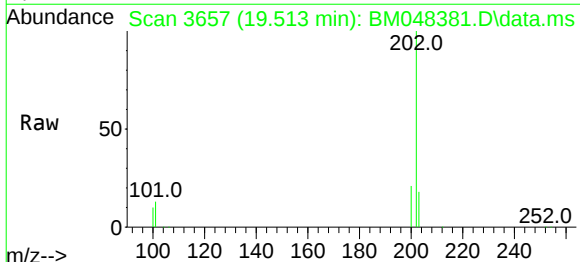
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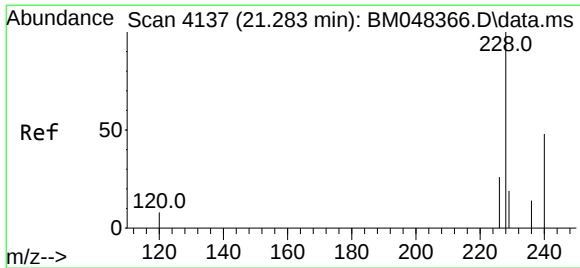
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#20
 Pyrene
 Concen: 28.067 ng/u1
 RT: 19.513 min Scan# 3657
 Delta R.T. -0.019 min
 Lab File: BM048381.D
 Acq: 01 Nov 2024 05:54

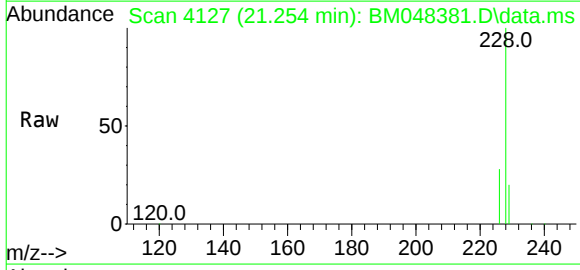
Tgt Ion:	202	Resp:	1752701
Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.3	8.0	12.0





#21
Benzo(a)anthracene
Concen: 12.463 ng/u1 m
RT: 21.254 min Scan# 41
Delta R.T. -0.026 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

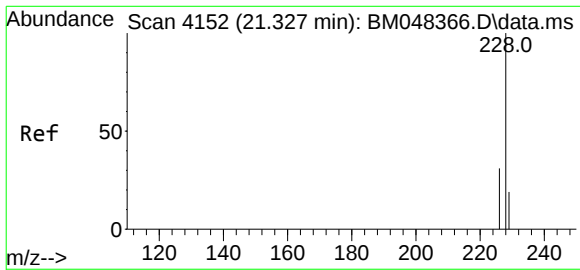
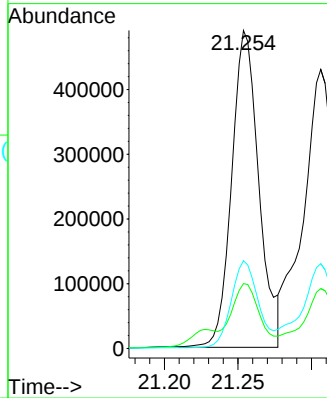
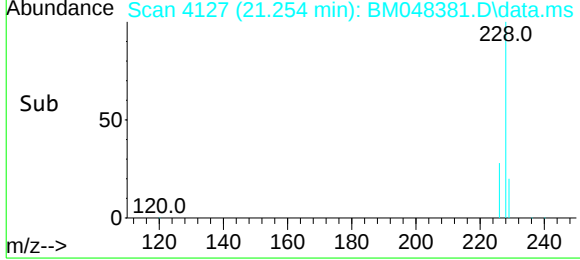
Instrument :
BNA_M
ClientSampleId :
F7H04



Tgt Ion:228 Resp: 630095
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.6 22.1 33.1

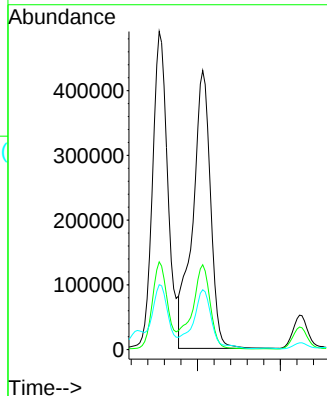
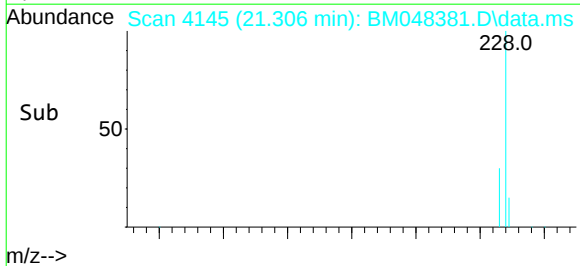
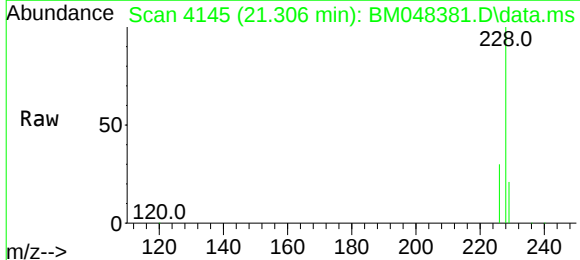
Manual Integrations
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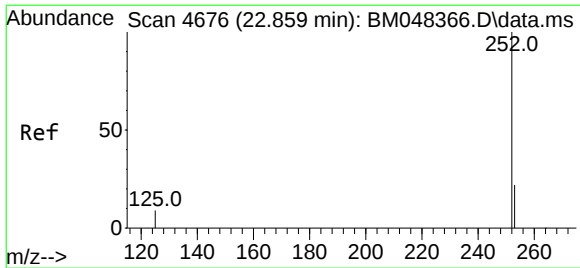
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 9.220 ng/u1
RT: 21.306 min Scan# 4145
Delta R.T. -0.020 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

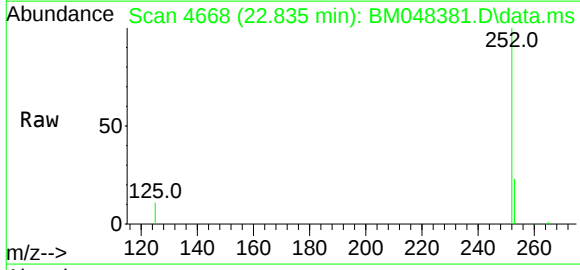
Tgt Ion:228 Resp: 641552
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 12.135 ng/u1 m
RT: 22.835 min Scan# 46
Delta R.T. -0.026 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

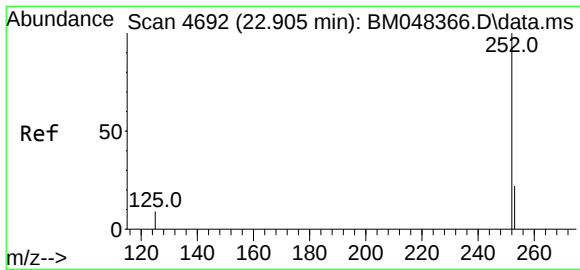
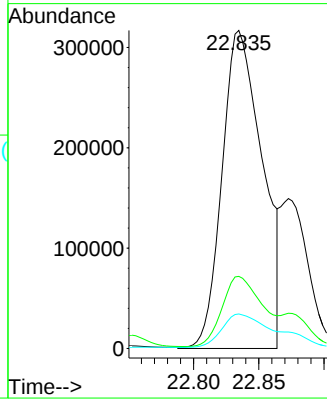
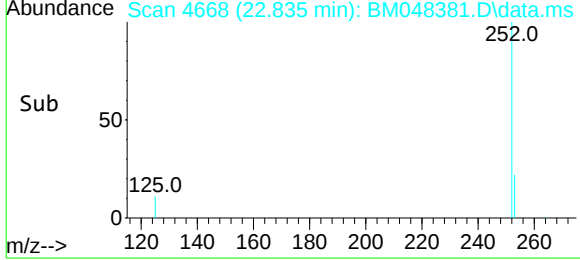
Instrument :
BNA_M
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F7H04



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	59.4
125	10.9	0.0	38.0

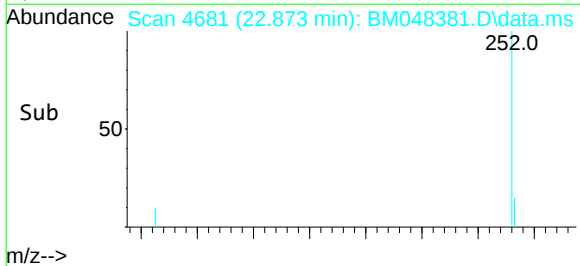
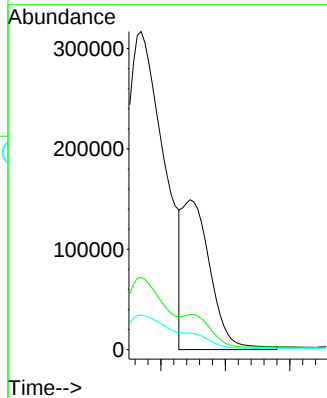
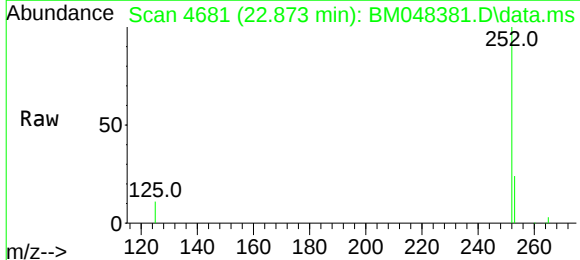
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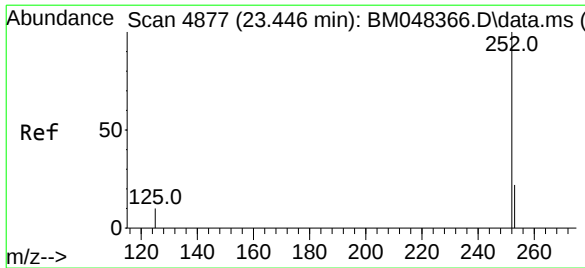
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#25
Benzo(k)fluoranthene
Concen: 3.421 ng/u1 m
RT: 22.873 min Scan# 4681
Delta R.T. -0.032 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

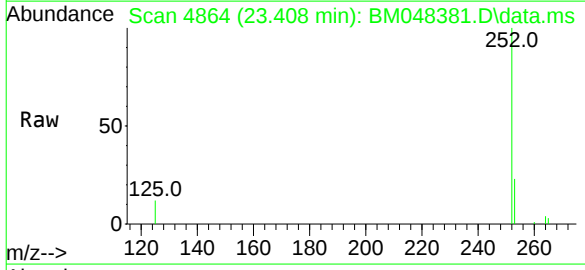
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.4	35.0
125	11.0	15.3	22.9#





#26
Benzo(a)pyrene
Concen: 6.995 ng/u1
RT: 23.408 min Scan# 48
Delta R.T. -0.032 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

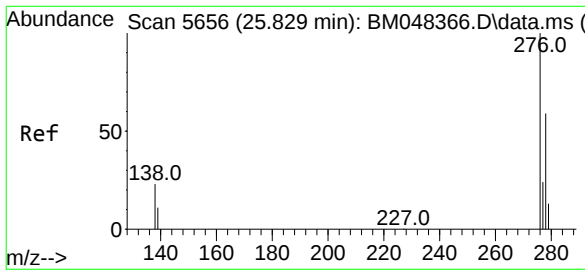
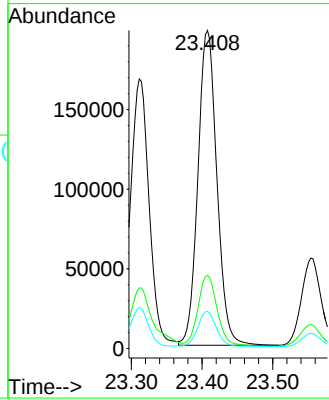
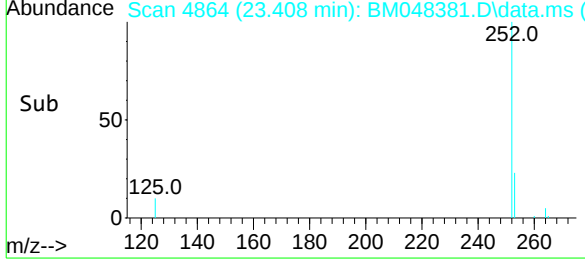
Instrument :
BNA_M
ClientSampleId :
F7H04



Tgt Ion:252 Resp: 367962
Ion Ratio Lower Upper
252 100
253 23.0 27.7 41.5#
125 11.6 21.1 31.7#

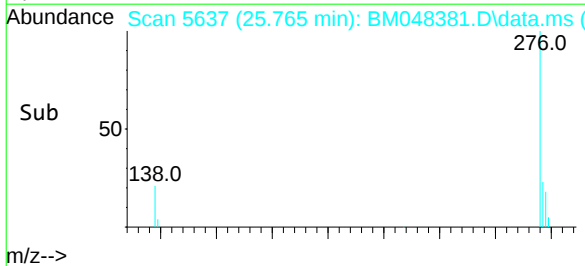
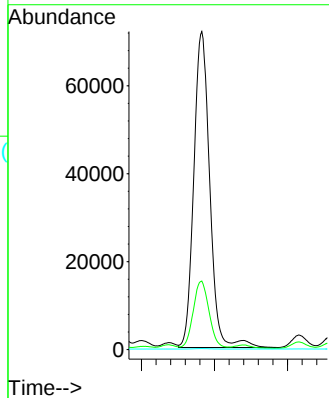
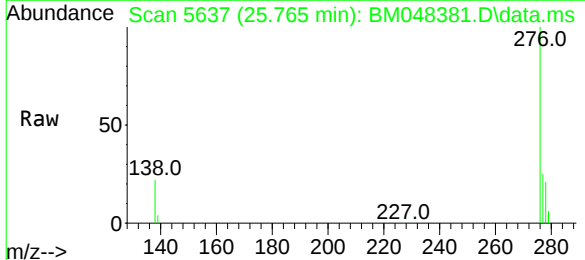
Manual Integrations
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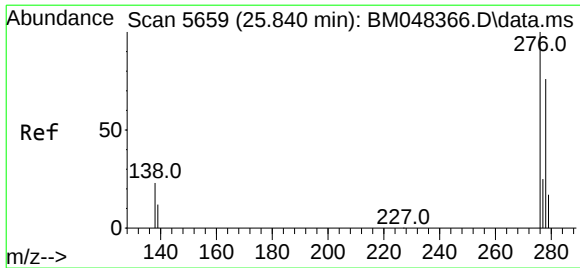
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.963 ng/u1
RT: 25.765 min Scan# 5637
Delta R.T. -0.047 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

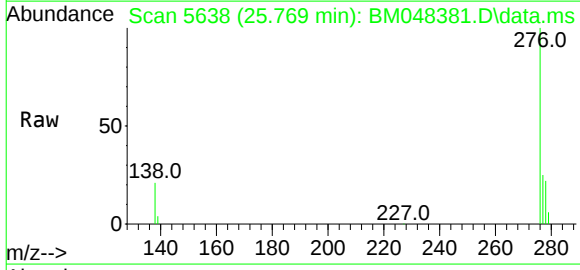
Tgt Ion:276 Resp: 217986
Ion Ratio Lower Upper
276 100
138 20.7 19.6 29.4
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.901 ng/ul
RT: 25.769 min Scan# 5618
Delta R.T. -0.067 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

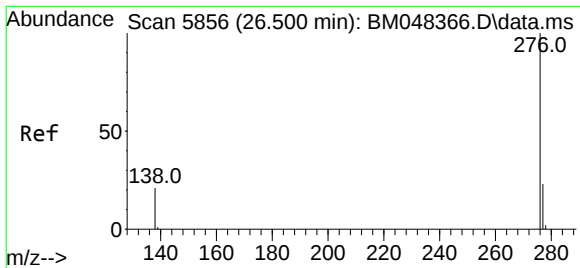
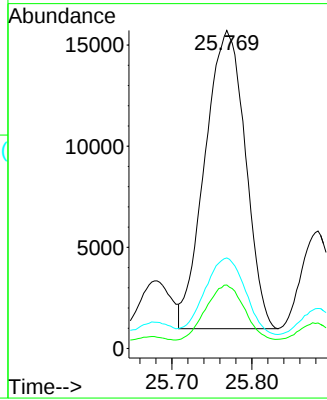
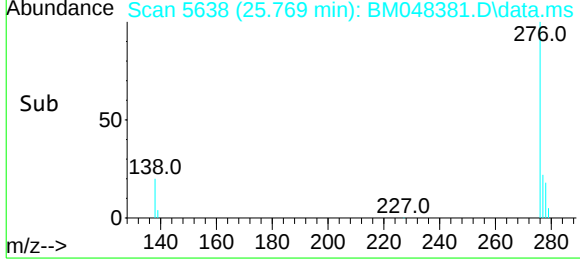
Instrument :
BNA_M
ClientSampleId :
F7H04



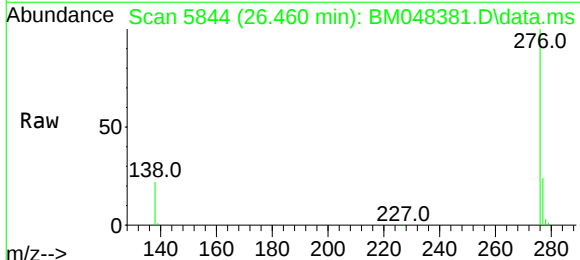
Tgt Ion: 278 Resp: 51684
Ion Ratio Lower Upper
278 100
139 20.0 15.6 23.4
279 28.5 26.4 39.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.196 ng/ul
RT: 26.460 min Scan# 5844
Delta R.T. -0.040 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54



Tgt Ion: 276 Resp: 198161
Ion Ratio Lower Upper
276 100
138 21.8 19.0 28.6
277 24.1 20.6 31.0

