

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048388.D
 Acq On : 01 Nov 2024 10:45
 Operator : RC/JU
 Sample : P4530-12DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H39DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 21:48:52 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	4370	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.508	136	13721	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.354	164	8078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	15519	0.400	ng/ul	-0.02
17) Chrysene-d12	21.280	240	13718	0.400	ng/ul	-0.01
23) Perylene-d12	23.516	264	12196m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4368	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.135	152	849	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.128	212	2119	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.076	152	1995	0.064	ng/ul#	88
15) Phenanthrene	17.141	178	1560	0.040	ng/ul#	82
16) Anthracene	17.234	178	9608	0.266	ng/ul	98
19) Fluoranthene	19.155	202	33281	0.704	ng/ul	99
20) Pyrene	19.518	202	44851	0.884	ng/ul	98
21) Benzo(a)anthracene	21.265	228	24184	0.589	ng/ul	97
22) Chrysene	21.315	228	23456	0.415	ng/ul	98
24) Benzo(b)fluoranthene	22.841	252	36886m	0.885	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	14239m	0.289	ng/ul	
26) Benzo(a)pyrene	23.414	252	18662m	0.477	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.796	276	13179	0.241	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.799	278	3112	0.073	ng/ul#	68
29) Benzo(g,h,i)perylene	26.483	276	12652	0.274	ng/ul	99

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

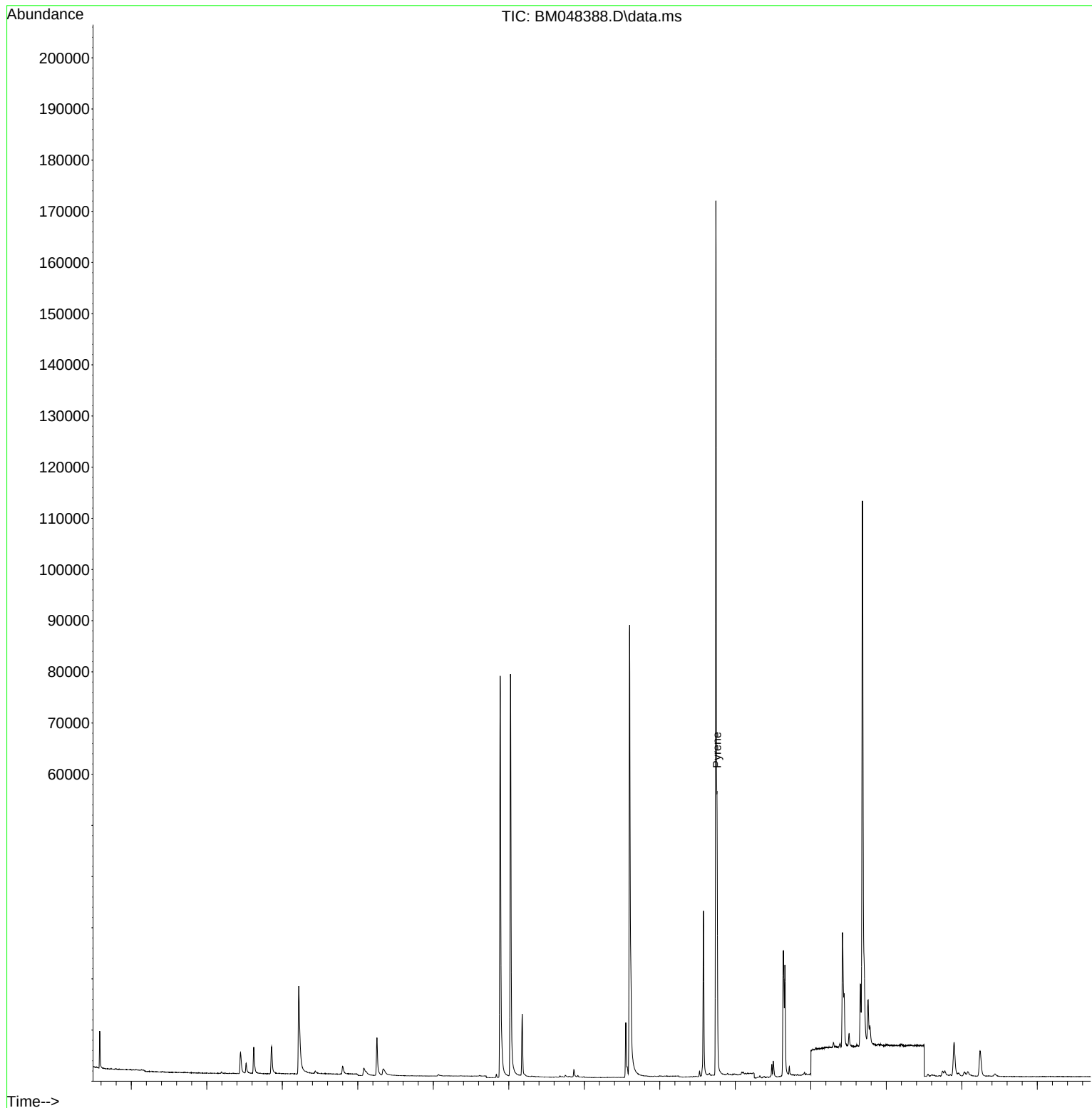
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048388.D
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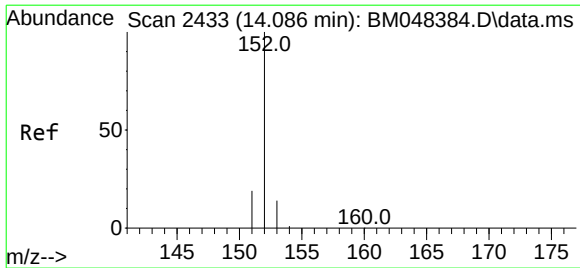
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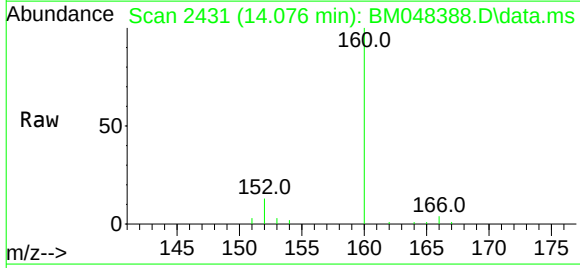
Quant Time: Nov 03 21:48:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.076 min Scan# 2431
Delta R.T. -0.014 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

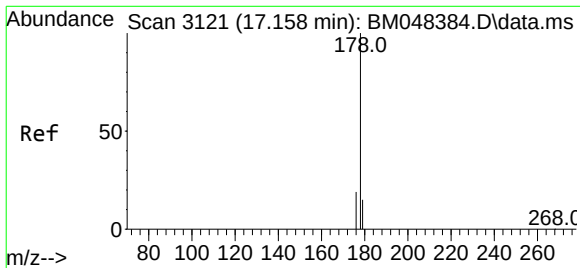
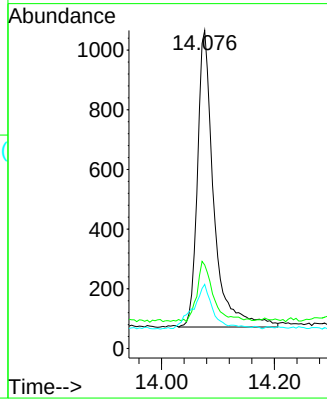
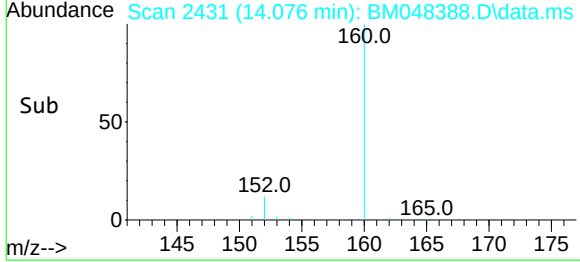
Instrument :
BNA_M
ClientSampleId :
F7H39DL



Tgt	Ion	152	Resp:	1995
Ion	Ratio	Lower	Upper	
152	100			
151	26.3	16.6	24.8#	
153	20.2	11.8	17.6#	

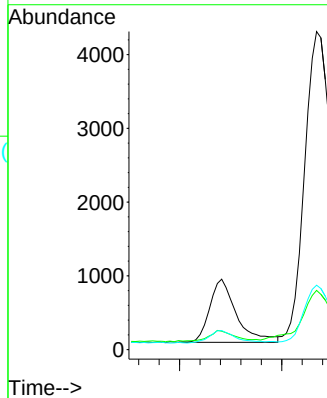
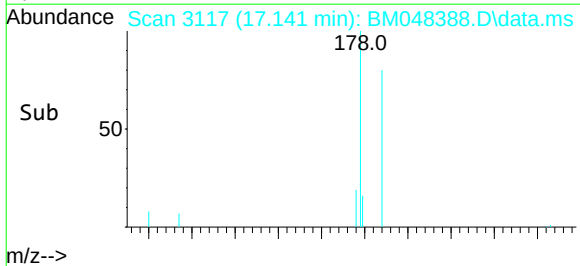
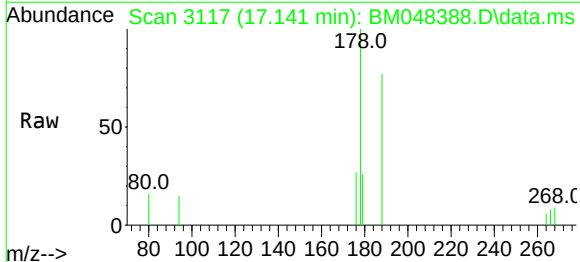
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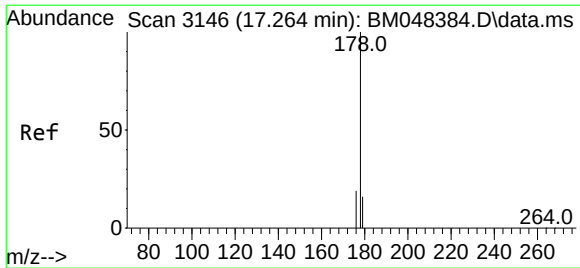
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#15
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.141 min Scan# 3117
Delta R.T. -0.017 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

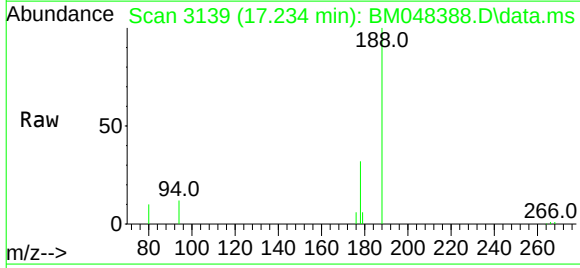
Tgt	Ion	178	Resp:	1560
Ion	Ratio	Lower	Upper	
178	100			
179	26.2	13.9	20.9#	
176	27.0	16.0	24.0#	





#16
 Anthracene
 Concen: 0.266 ng/u1
 RT: 17.234 min Scan# 31
 Delta R.T. -0.025 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

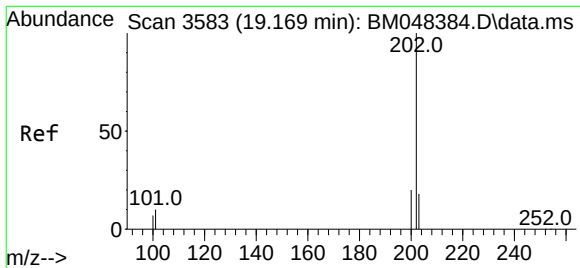
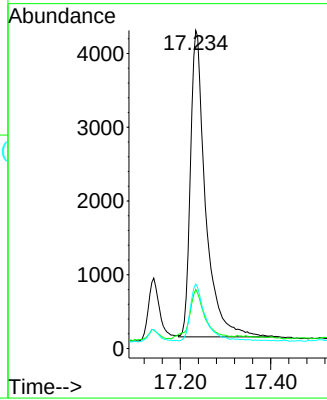
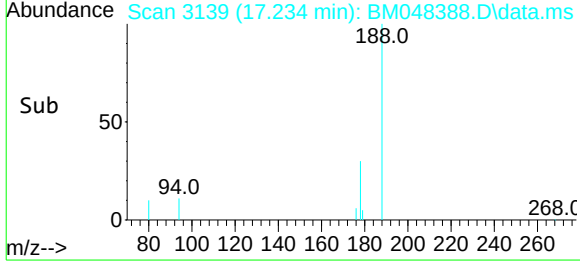
Instrument :
 BNA_M
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 F7H39DL



Tgt Ion:	178	Resp:	9608
Ion Ratio	Lower	Upper	
178	100		
179	18.6	14.2	21.2
176	20.2	15.8	23.6

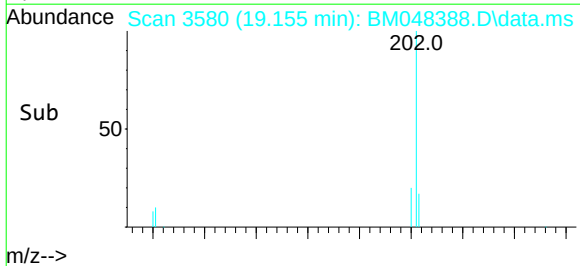
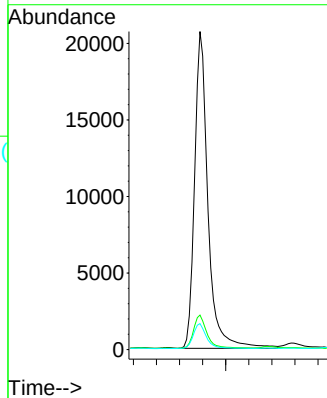
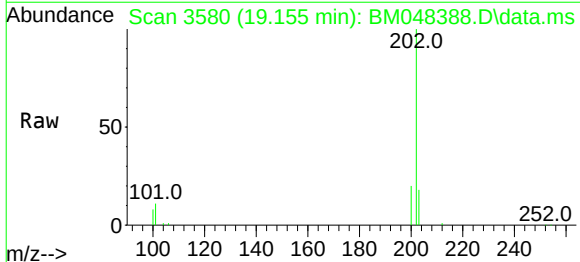
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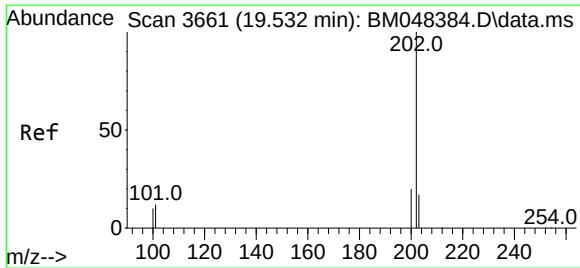
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#19
 Fluoranthene
 Concen: 0.704 ng/u1
 RT: 19.155 min Scan# 3580
 Delta R.T. -0.014 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

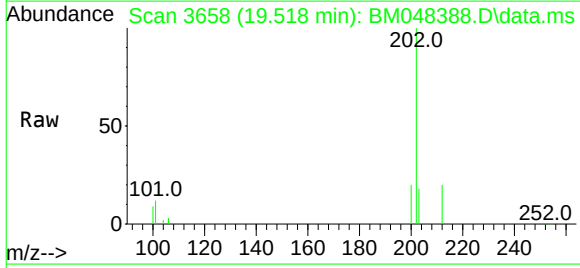
Tgt Ion:	202	Resp:	33281
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.0	13.4
100	8.2	6.6	10.0





#20
Pyrene
 Concen: 0.884 ng/u1
 RT: 19.518 min Scan# 3661
 Delta R.T. -0.014 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

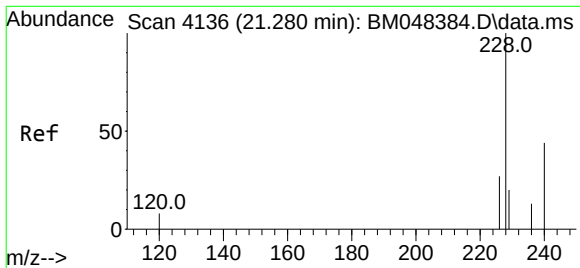
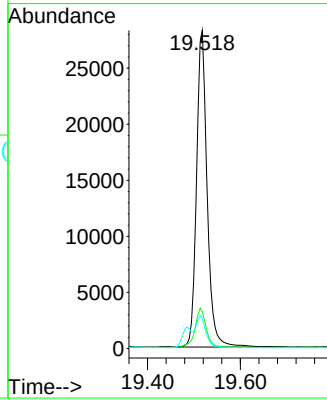
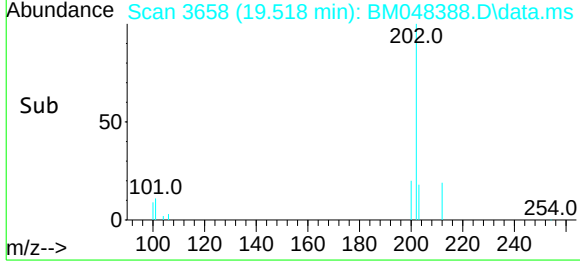
Instrument : BNA_M
 ClientSampleId : F7H39DL



Tgt Ion:	202	Resp:	44851
Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.0	15.0
100	9.3	8.0	12.0

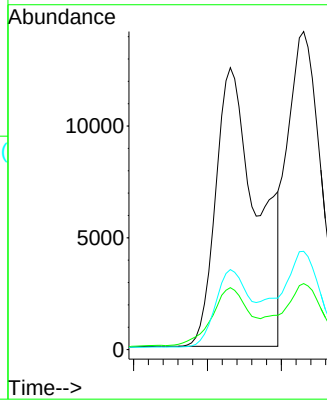
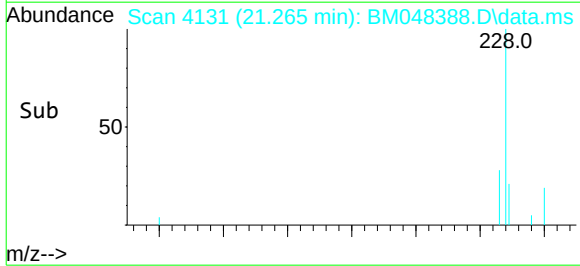
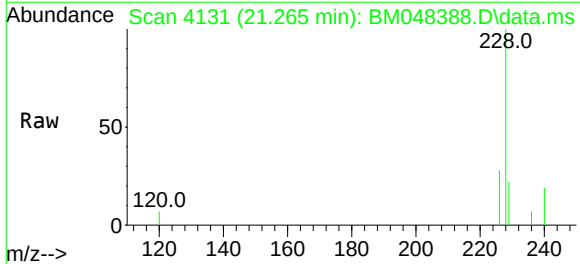
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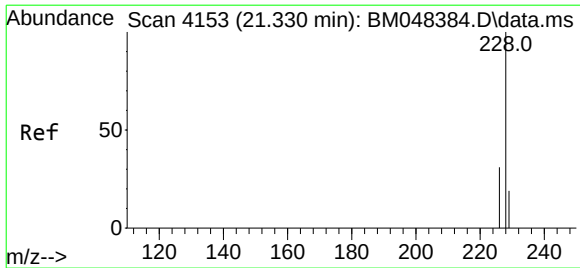
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#21
Benzo(a)anthracene
 Concen: 0.589 ng/u1
 RT: 21.265 min Scan# 4131
 Delta R.T. -0.015 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

Tgt Ion:	228	Resp:	24184
Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.9	23.9
226	28.4	22.1	33.1





#22

Chrysene

Concen: 0.415 ng/u1

RT: 21.315 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM048388.D

Acq: 01 Nov 2024 10:45

Instrument :

BNA_M

ClientSampleId :

F7H39DL

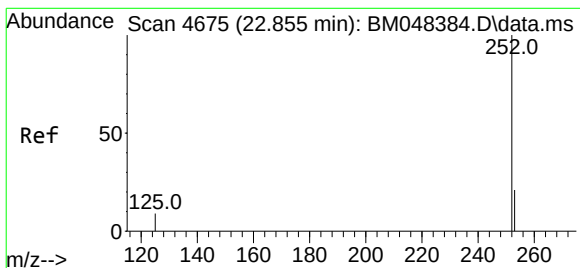
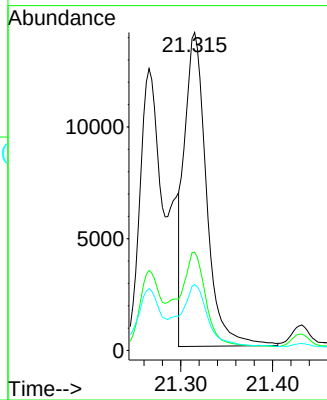
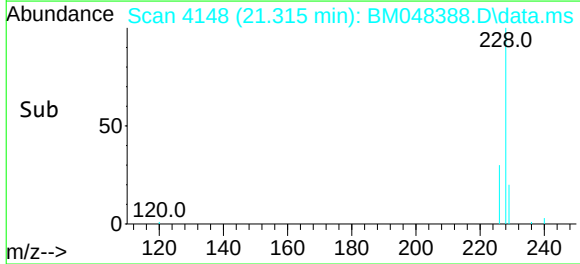
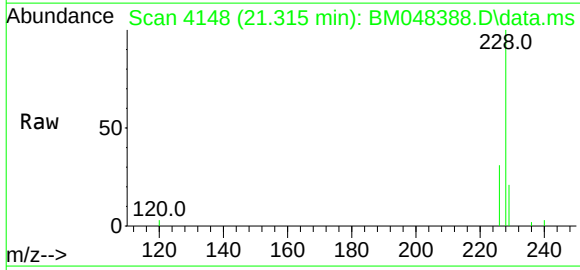
Tgt	Ion:228	Resp:	23456
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.8	15.9	23.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#24

Benzo(b)fluoranthene

Concen: 0.885 ng/u1 m

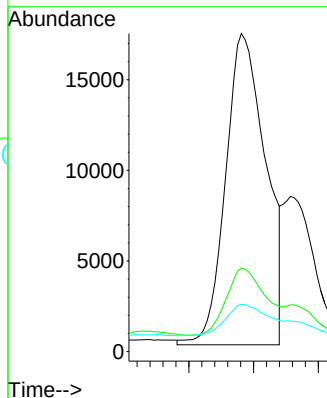
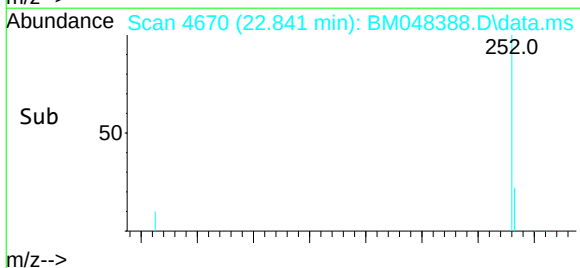
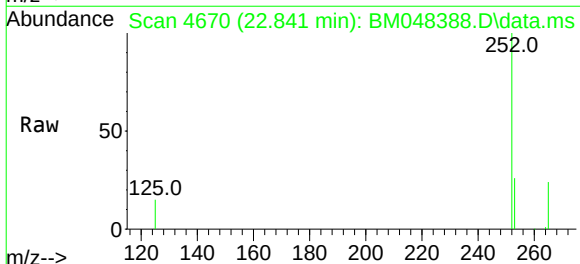
RT: 22.841 min Scan# 4670

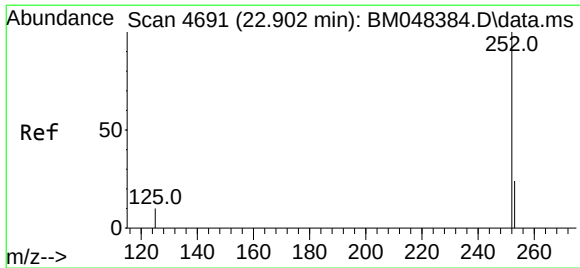
Delta R.T. -0.020 min

Lab File: BM048388.D

Acq: 01 Nov 2024 10:45

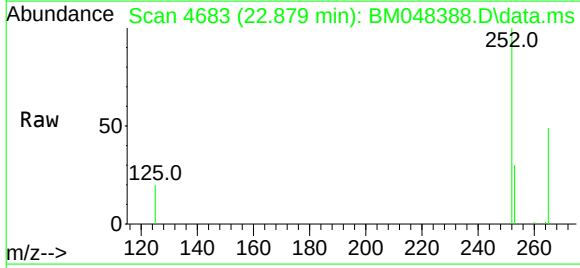
Tgt	Ion:252	Resp:	36886
Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	59.4
125	14.9	0.0	38.0





#25
Benzo(k)fluoranthene
Concen: 0.289 ng/u1 m
RT: 22.879 min Scan# 46
Delta R.T. -0.026 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

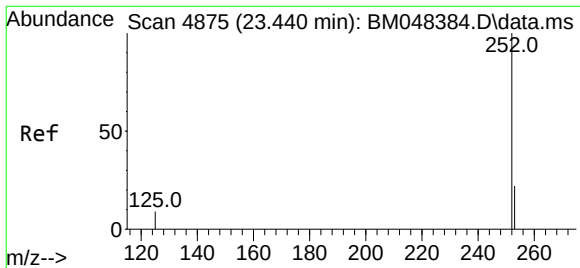
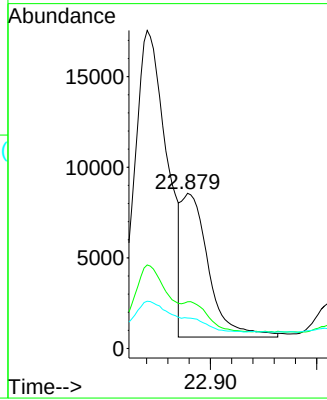
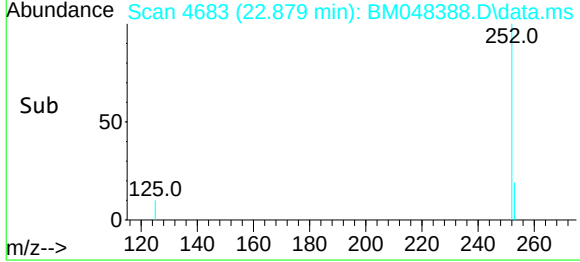
Instrument :
BNA_M
ClientSampleId :
F7H39DL



Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	23.4	35.0
125	19.6	15.3	22.9

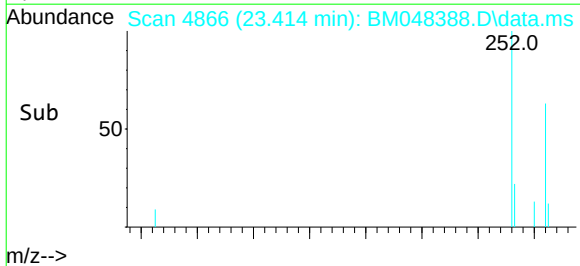
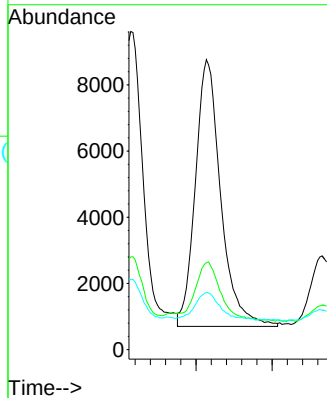
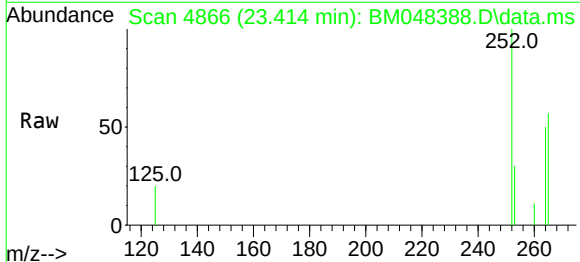
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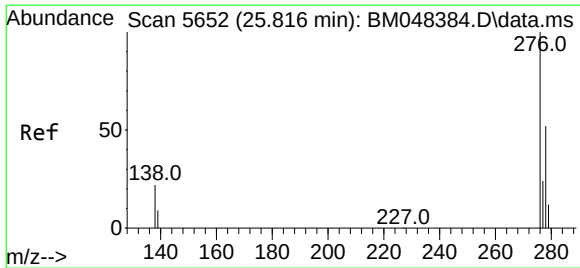
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
Benzo(a)pyrene
Concen: 0.477 ng/u1 m
RT: 23.414 min Scan# 4866
Delta R.T. -0.026 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

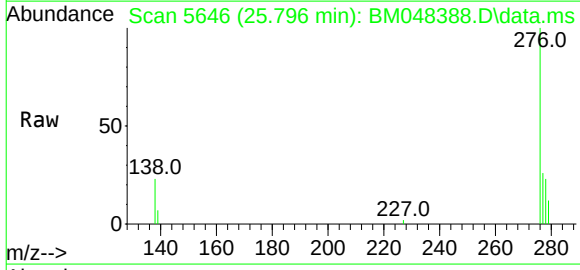
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	27.7	41.5
125	19.8	21.1	31.7





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.241 ng/ul
 RT: 25.796 min Scan# 5646
 Delta R.T. -0.017 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

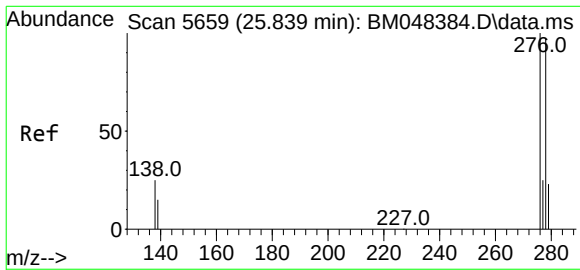
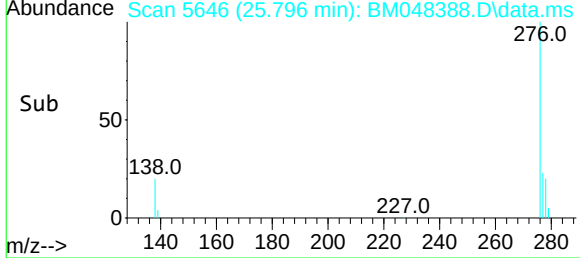
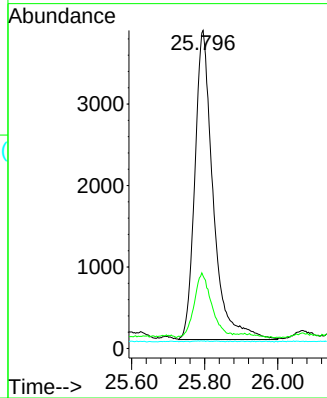
Instrument :
 BNA_M
 ClientSampleId :
 F7H39DL



Tgt Ion:	276	Resp:	13179
Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.6	29.4
227	0.2	0.1	0.1

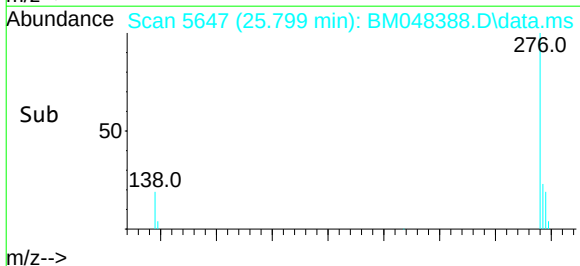
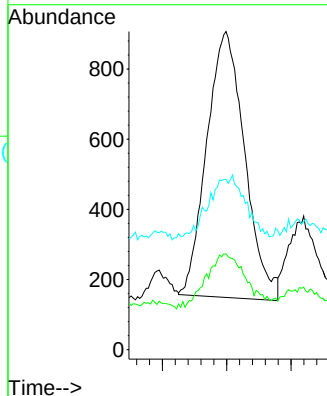
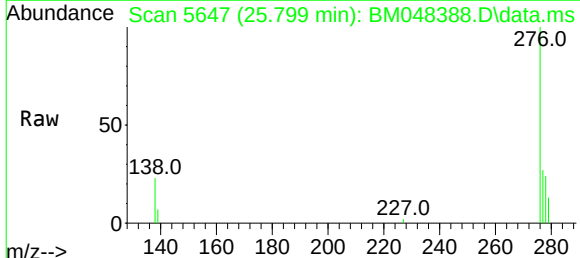
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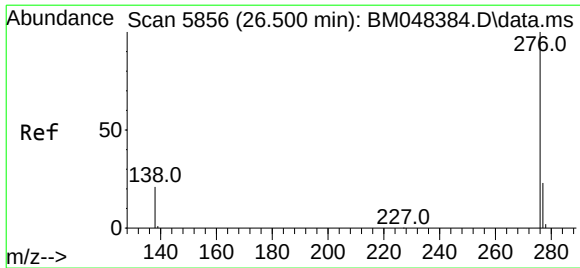
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.073 ng/ul
 RT: 25.799 min Scan# 5647
 Delta R.T. -0.037 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

Tgt Ion:	278	Resp:	3112
Ion	Ratio	Lower	Upper
278	100		
139	30.1	15.6	23.4
279	53.6	26.4	39.6





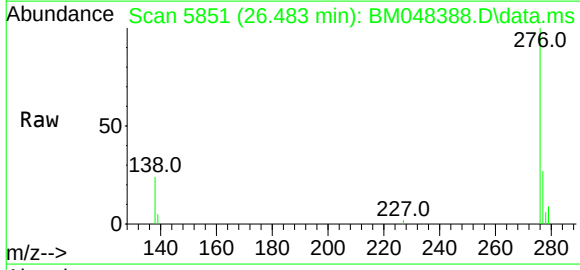
#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.483 min Scan# 58
Delta R.T. -0.017 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Instrument :

BNA_M

ClientSampleId :

F7H39DL



Tgt	Ion	276	Resp:	12652
Ion	Ratio	Lower	Upper	
276	100			
138	24.0	19.0	28.6	
277	26.7	20.6	31.0	

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/04/2024

