

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048491.D
 Acq On : 07 Nov 2024 00:12
 Operator : RC/JU
 Sample : P4634-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0P7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 01:20:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	4718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.462	136	15345	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.320	164	8115	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	16171m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.254	240	13234m	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	13162m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	15178	2.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.062	152	3274	0.165	ng/ul	-0.01
18) Fluoranthene-d10	19.098	212	6864	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.038	152	1009	0.033	ng/ul#	77
15) Phenanthrene	17.106	178	1052m	0.025	ng/ul	
19) Fluoranthene	19.126	202	4527	0.092	ng/ul#	85
20) Pyrene	19.489	202	4756m	0.089	ng/ul	
21) Benzo(a)anthracene	21.240	228	3148	0.073	ng/ul#	82
22) Chrysene	21.289	228	4444m	0.085	ng/ul	
24) Benzo(b)fluoranthene	22.812	252	5729m	0.140	ng/ul	
25) Benzo(k)fluoranthene	22.844	252	1800m	0.037	ng/ul	
26) Benzo(a)pyrene	23.373	252	2179	0.054	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	25.722	276	2112	0.038	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.709	278	1209	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	26.413	276	1742	0.037	ng/ul#	38

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

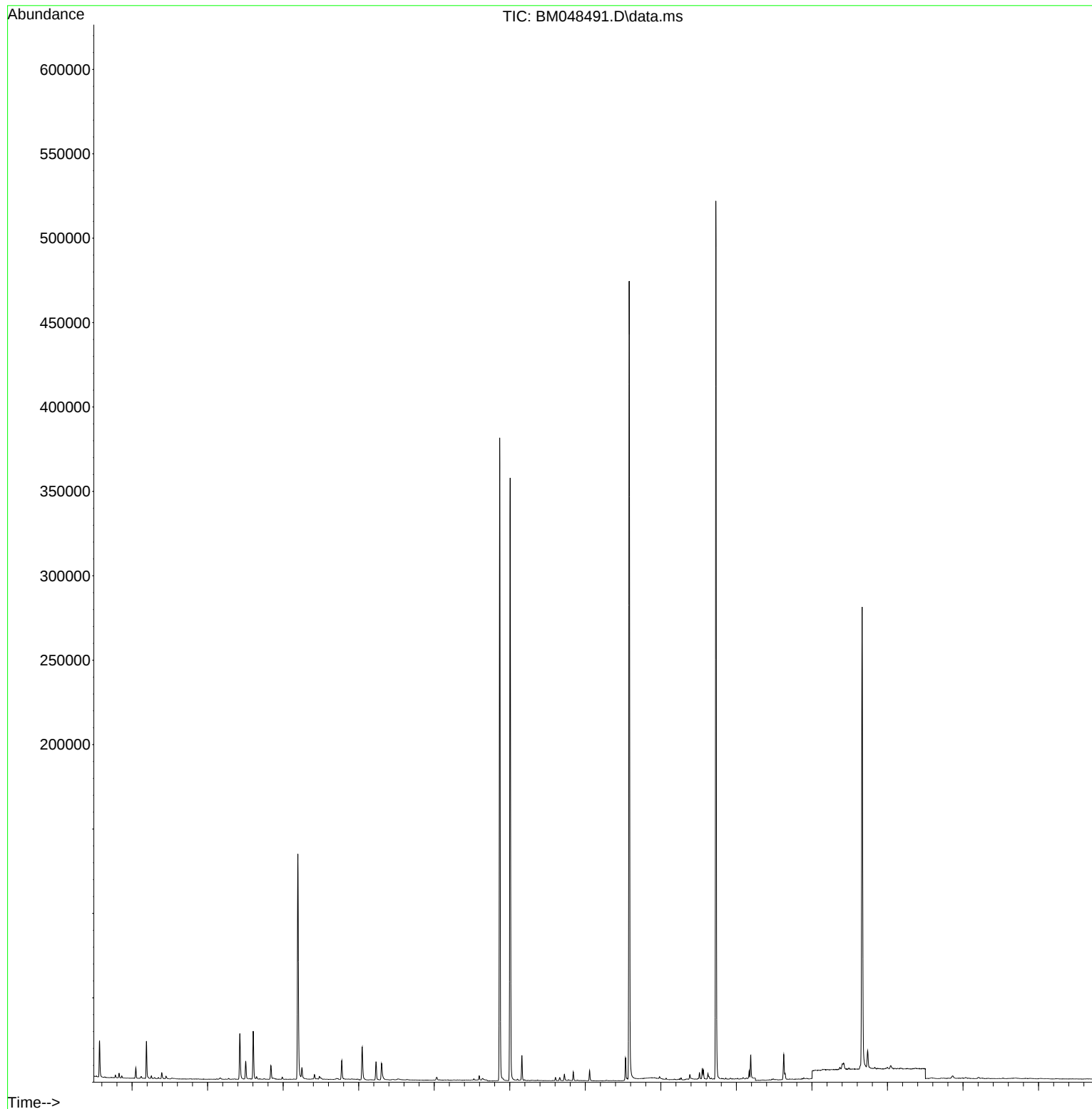
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048491.D
Acq On : 07 Nov 2024 00:12
Operator : RC/JU
Sample : P4634-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

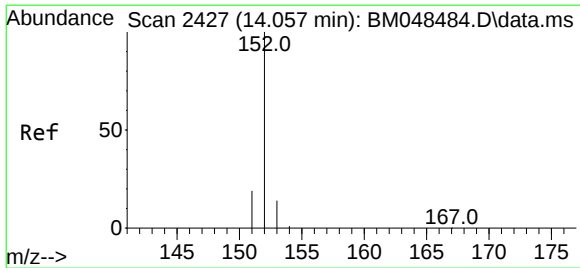
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 07 01:20:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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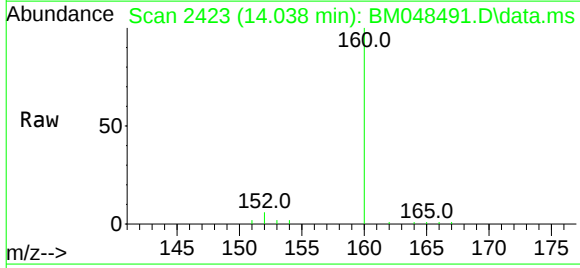
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024





#10
Acenaphthylene
Concen: 0.033 ng/u1
RT: 14.038 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12

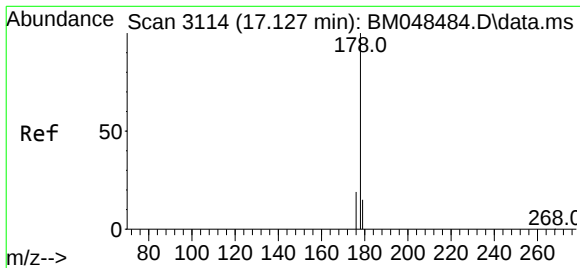
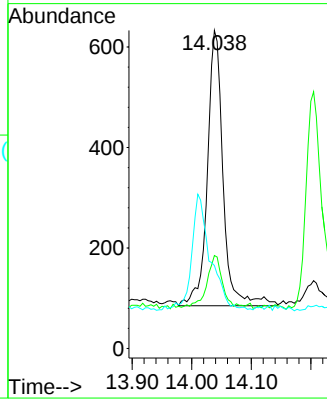
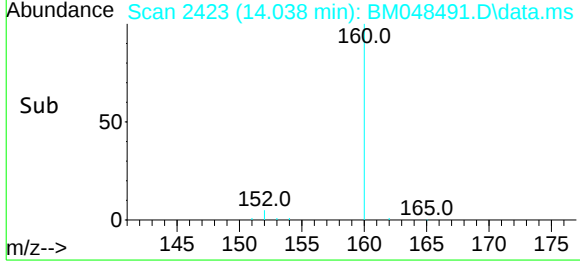
Instrument :
BNA_M
ClientSampleId :
CC0P7



Tgt	Ion:152	Resp:	1009
Ion	Ratio	Lower	Upper
152	100		
151	29.2	16.5	24.7#
153	26.1	11.6	17.4#

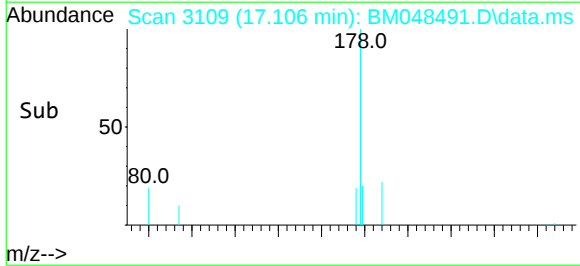
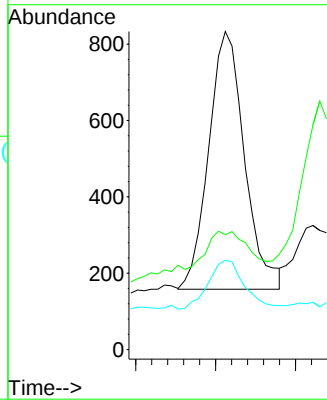
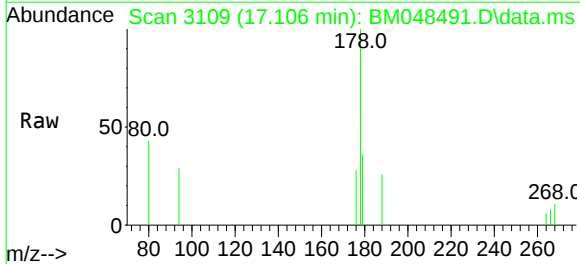
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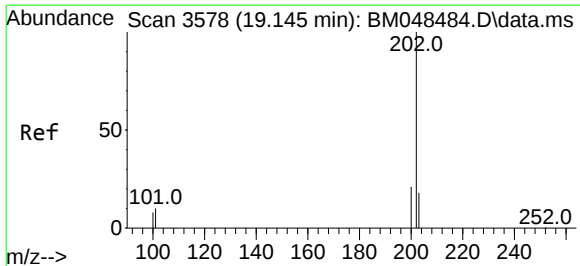
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#15
Phenanthrene
Concen: 0.025 ng/u1 m
RT: 17.106 min Scan# 3109
Delta R.T. -0.013 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12

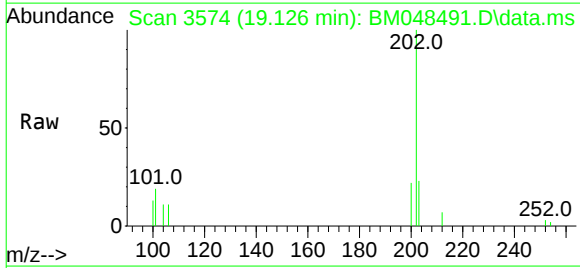
Tgt	Ion:178	Resp:	1052
Ion	Ratio	Lower	Upper
178	100		
179	36.1	13.4	20.0#
176	28.1	16.2	24.2#





#19
 Fluoranthene
 Concen: 0.092 ng/u1
 RT: 19.126 min Scan# 3578
 Delta R.T. -0.014 min
 Lab File: BM048491.D
 Acq: 07 Nov 2024 00:12

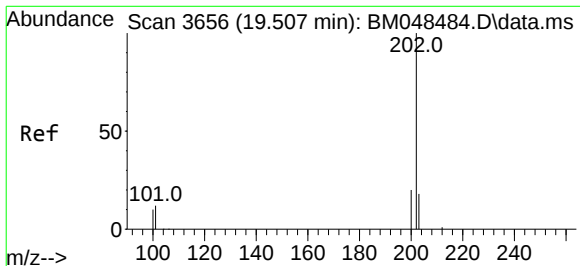
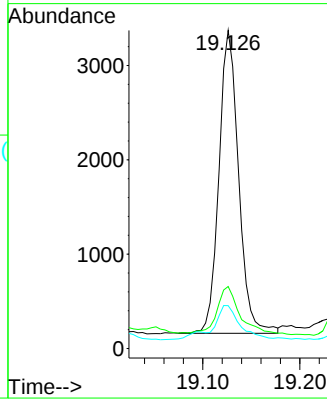
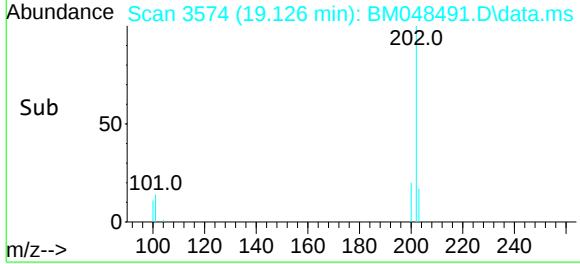
Instrument :
 BNA_M
 ClientSampleId :
 CC0P7



Tgt Ion:	202	Resp:	4527
Ion Ratio	Lower	Upper	
202	100		
101	19.5	10.2	15.4#
100	13.5	7.3	10.9#

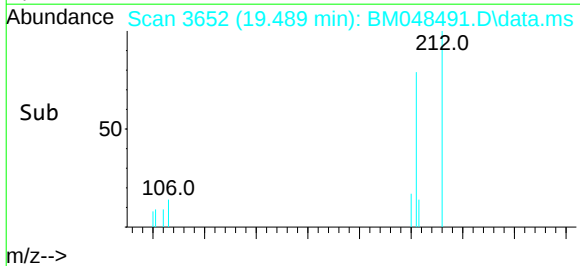
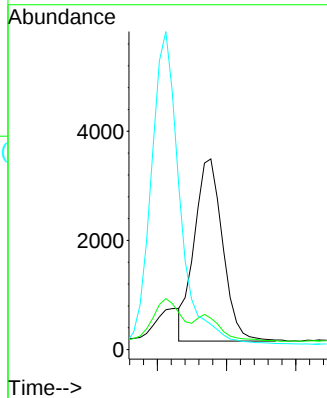
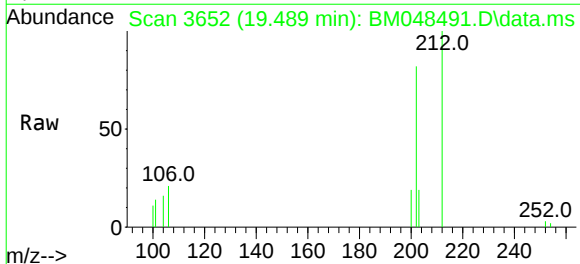
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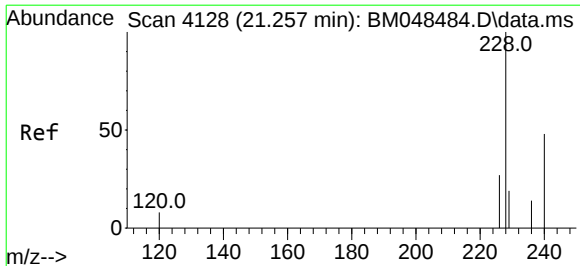
Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024



#20
 Pyrene
 Concen: 0.089 ng/u1 m
 RT: 19.489 min Scan# 3652
 Delta R.T. -0.014 min
 Lab File: BM048491.D
 Acq: 07 Nov 2024 00:12

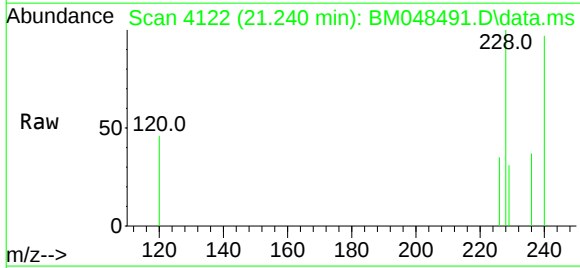
Tgt Ion:	202	Resp:	4756
Ion Ratio	Lower	Upper	
202	100		
101	16.4	11.4	17.2
100	13.2	8.5	12.7#





#21
Benzo(a)anthracene
Concen: 0.073 ng/u1
RT: 21.240 min Scan# 4128
Delta R.T. -0.009 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12

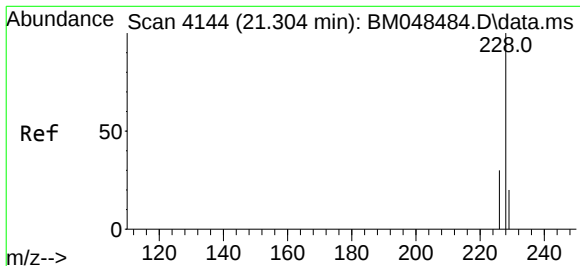
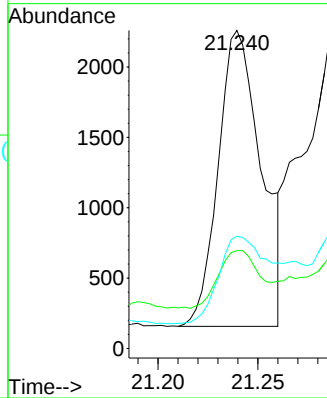
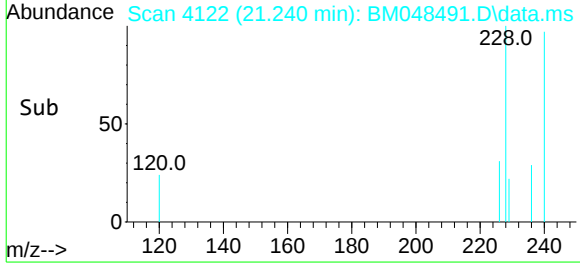
Instrument :
BNA_M
ClientSampleId :
CC0P7



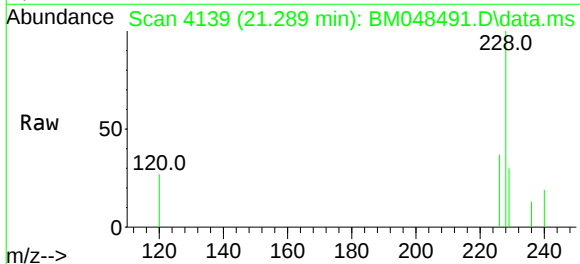
Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.8	16.2	24.2#
226	35.3	22.1	33.1#

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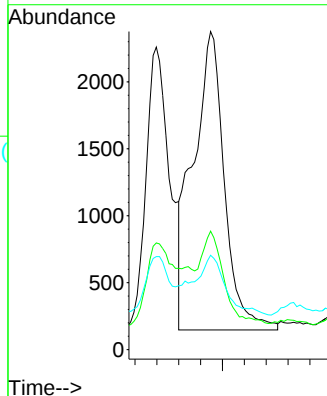
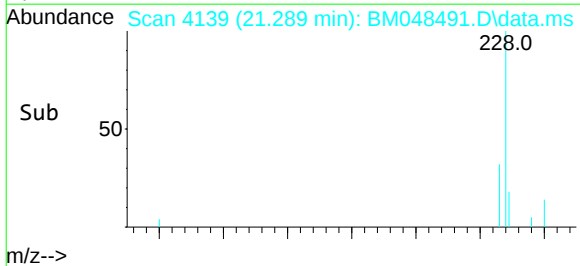
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

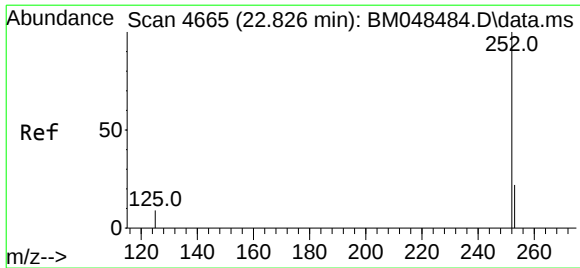


#22
Chrysene
Concen: 0.085 ng/u1 m
RT: 21.289 min Scan# 4139
Delta R.T. -0.012 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12



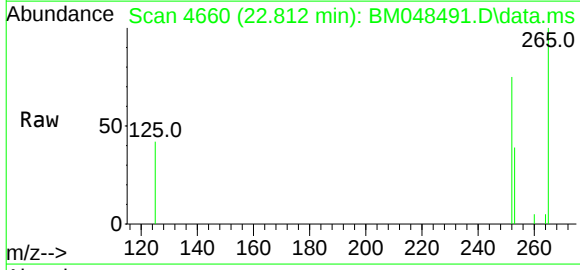
Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.4	36.6#
229	29.7	16.5	24.7#





#24
Benzo(b)fluoranthene
Concen: 0.140 ng/ul m
RT: 22.812 min Scan# 4660
Delta R.T. -0.012 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12

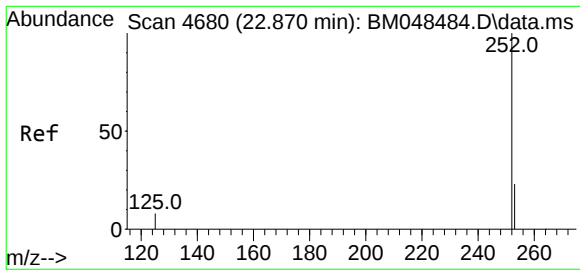
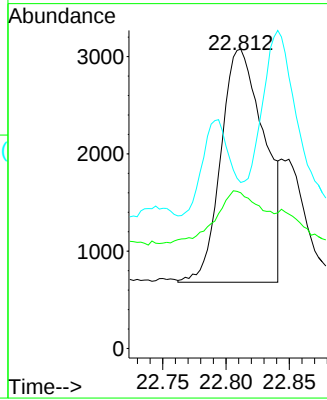
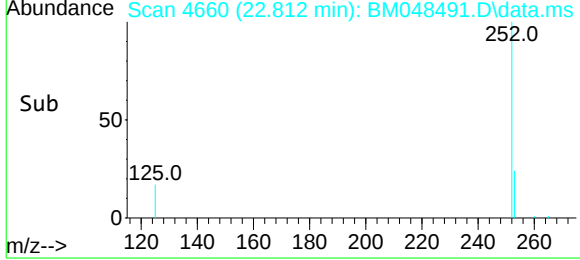
Instrument :
BNA_M
ClientSampleId :
CC0P7



Tgt Ion:	252	Resp:	5729
Ion Ratio	Lower	Upper	
252	100		
253	52.0	0.0	61.6
125	55.5	0.0	43.2

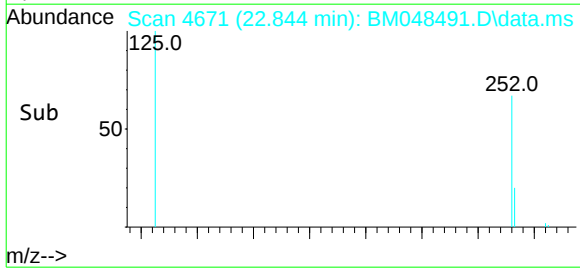
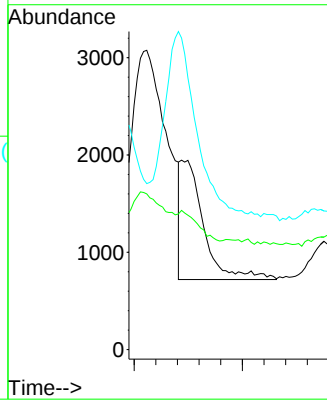
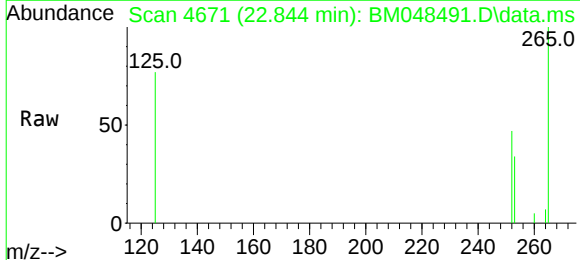
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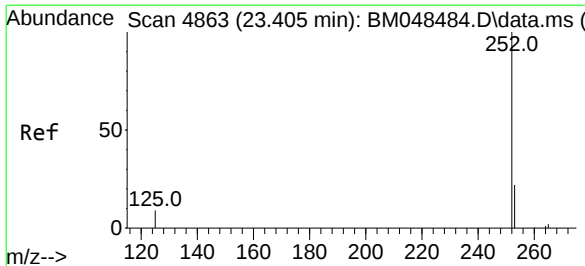
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 22.844 min Scan# 4671
Delta R.T. -0.024 min
Lab File: BM048491.D
Acq: 07 Nov 2024 00:12

Tgt Ion:	252	Resp:	1800
Ion Ratio	Lower	Upper	
252	100		
253	73.5	25.0	37.4
125	164.5	17.4	26.0





#26

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.373 min Scan# 48

Delta R.T. -0.029 min

Lab File: BM048491.D

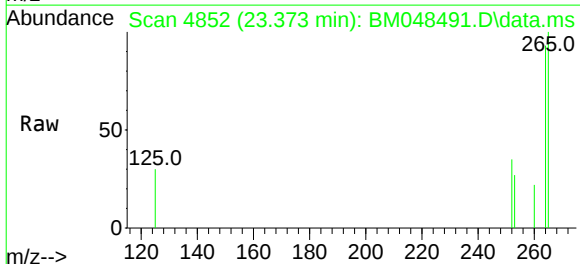
Acq: 07 Nov 2024 00:12

Instrument :

BNA_M

ClientSampleId :

CC0P7



Tgt Ion:252 Resp: 2179

Ion Ratio Lower Upper

252 100

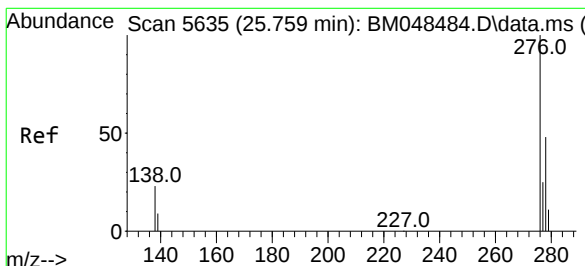
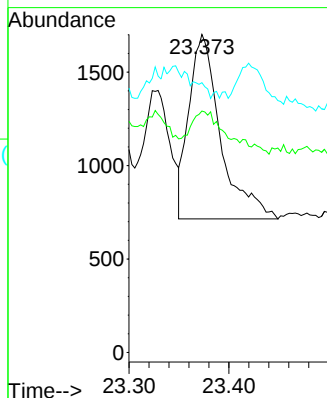
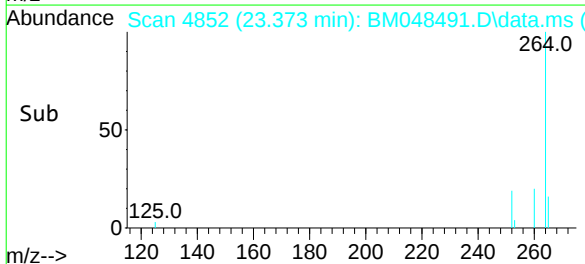
253 75.9 29.6 44.4#

125 84.8 23.9 35.9#

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 25.722 min Scan# 5624

Delta R.T. -0.030 min

Lab File: BM048491.D

Acq: 07 Nov 2024 00:12

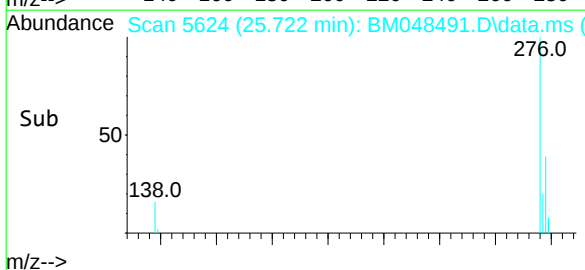
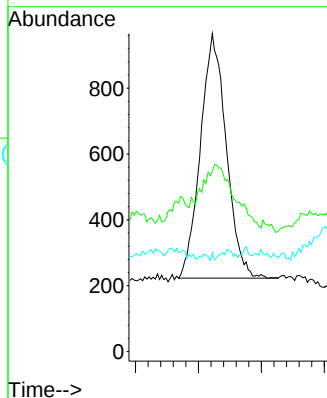
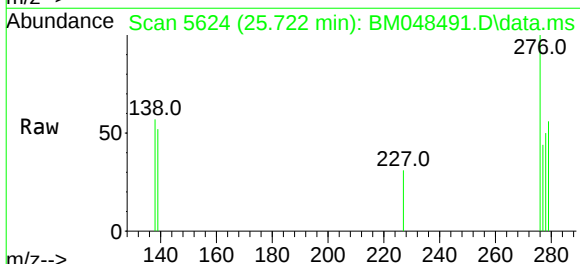
Tgt Ion:276 Resp: 2112

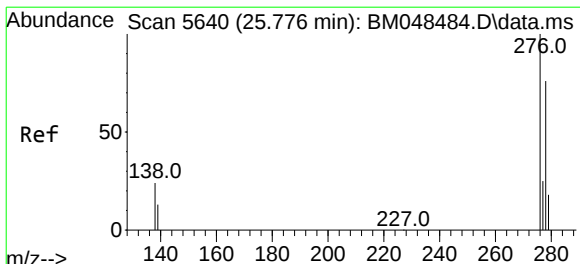
Ion Ratio Lower Upper

276 100

138 33.4 20.1 30.1#

227 0.6 0.1 0.1#





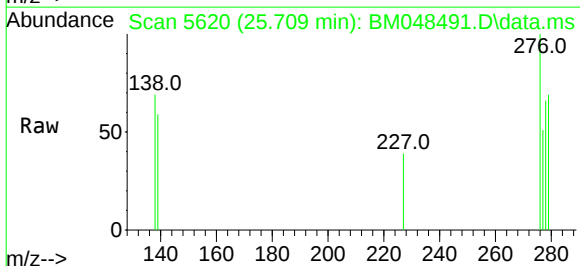
#28
 Dibenzo(a,h)anthracene
 Concen: 0.028 ng/u1
 RT: 25.709 min Scan# 561
 Delta R.T. -0.067 min
 Lab File: BM048491.D
 Acq: 07 Nov 2024 00:12

Instrument :

BNA_M

ClientSampleId :

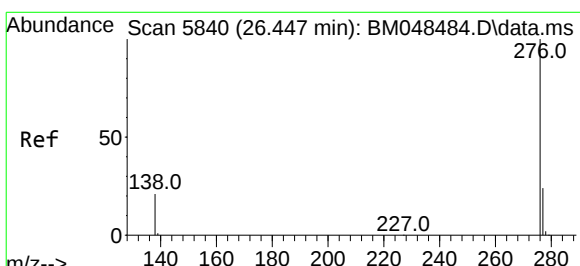
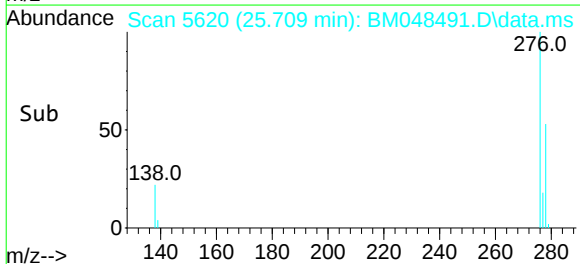
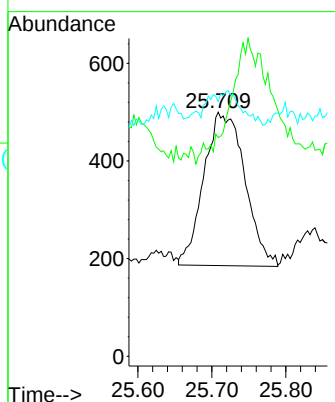
CC0P7



Tgt Ion:	278	Resp:	1209
Ion	Ratio	Lower	Upper
278	100		
139	89.6	17.8	26.8#
279	104.4	26.6	39.8#

Manual Integrations
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 Supervised By :mohammad ahmed 11/11/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.037 ng/u1
 RT: 26.413 min Scan# 5830
 Delta R.T. -0.030 min
 Lab File: BM048491.D
 Acq: 07 Nov 2024 00:12

Tgt Ion:	276	Resp:	1742
Ion	Ratio	Lower	Upper
276	100		
138	63.3	21.0	31.6#
277	51.2	20.5	30.7#

