

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048507.D
 Acq On : 07 Nov 2024 11:54
 Operator : RC/JU
 Sample : P4634-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q8

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 12:24:33 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	7.674	152	4889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.462	136	15429	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.320	164	8482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	16598	0.400	ng/ul	-0.02
17) Chrysene-d12	21.248	240	14553	0.400	ng/ul	-0.01
23) Perylene-d12	23.470	264	14154m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	7035	1.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.062	152	2845	0.143	ng/ul	-0.01
18) Fluoranthene-d10	19.094	212	6612	0.162	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.512	128	3082	0.080	ng/ul#	93
7) 2-Methylnaphthalene	12.139	142	598	0.025	ng/ul	94
8) 1-Methylnaphthalene	12.354	142	637	0.026	ng/ul	94
15) Phenanthrene	17.106	178	5938	0.136	ng/ul	98
16) Anthracene	17.199	178	913	0.023	ng/ul#	64
19) Fluoranthene	19.126	202	4330	0.080	ng/ul#	82
20) Pyrene	19.484	202	3357m	0.057	ng/ul	
21) Benzo(a)anthracene	21.234	228	2883	0.061	ng/ul#	76
22) Chrysene	21.283	228	6321m	0.111	ng/ul	
24) Benzo(b)fluoranthene	22.803	252	6430m	0.146	ng/ul	
25) Benzo(k)fluoranthene	22.838	252	1508m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.722	276	1960	0.033	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.719	278	1251	0.027	ng/ul#	1

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

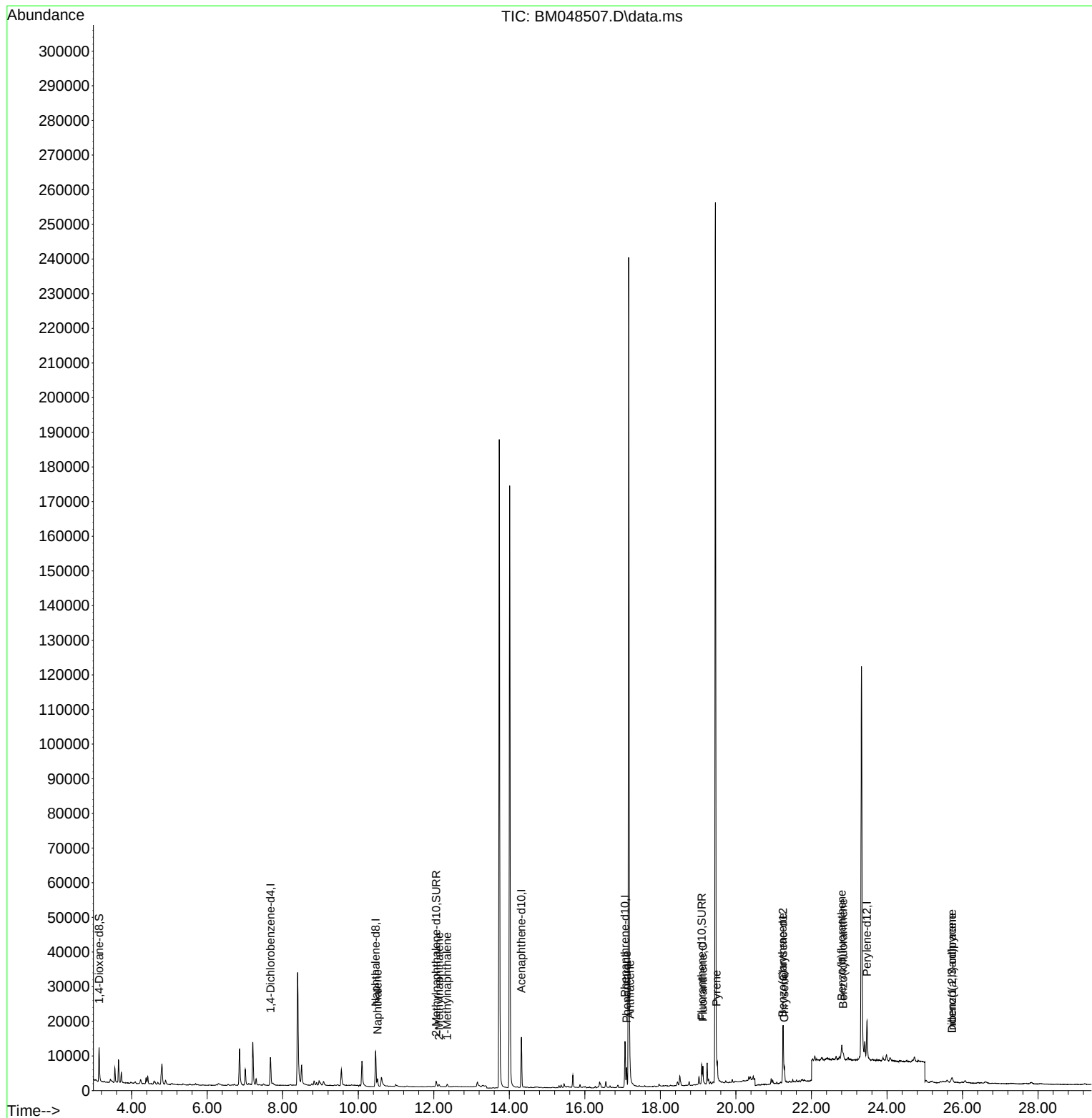
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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ALS Vial : 42 Sample Multiplier: 1

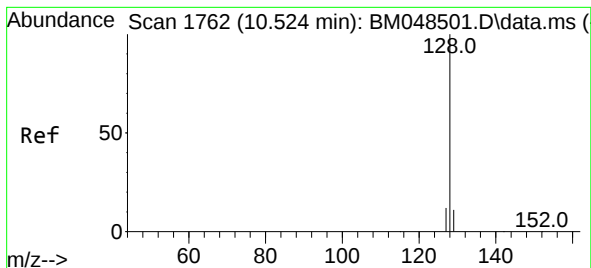
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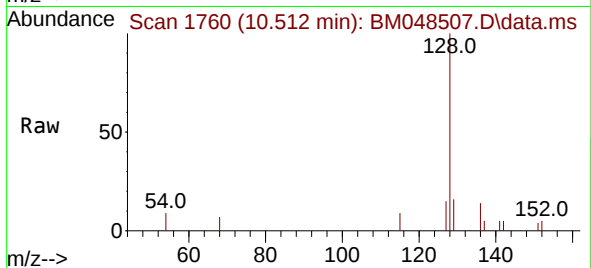
Quant Time: Nov 07 12:24:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.512 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

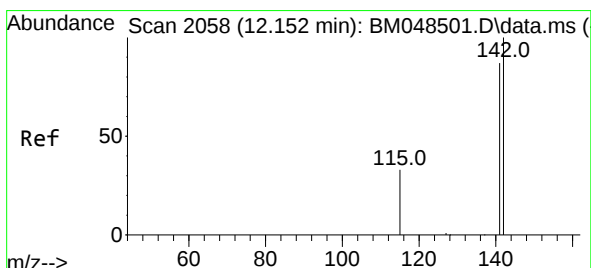
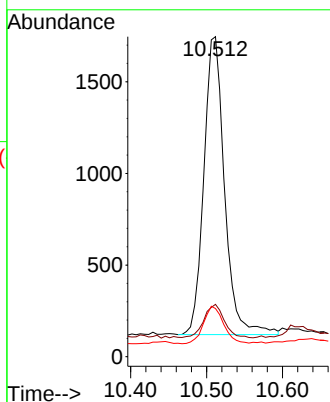
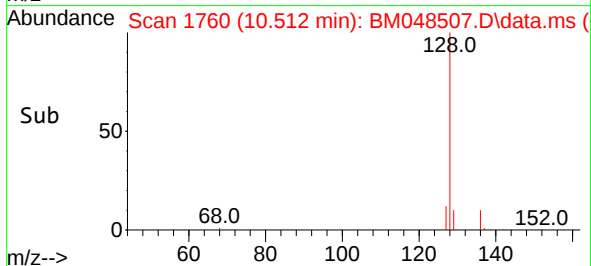
Instrument :
BNA_M
ClientSampleId :
CC0Q8



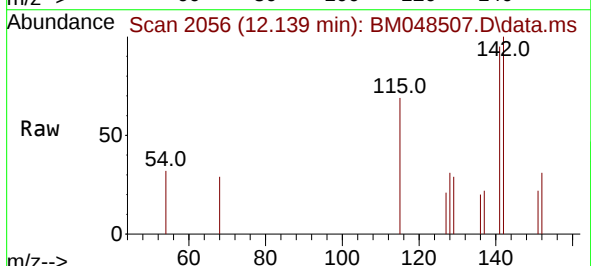
Tgt Ion:128 Resp: 3082
Ion Ratio Lower Upper
128 100
129 16.4 10.0 15.0
127 15.1 10.9 16.3

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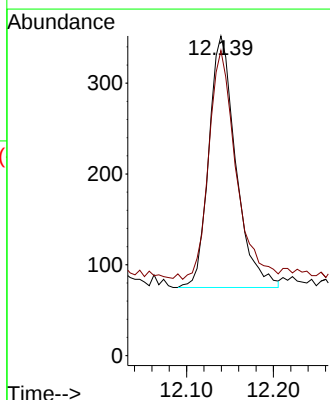
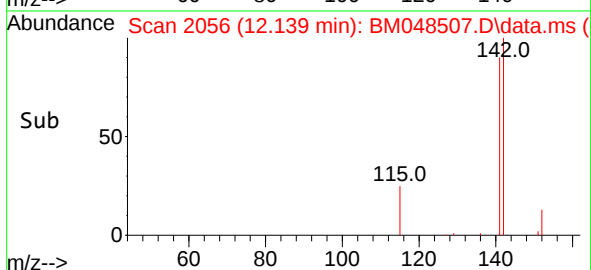
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

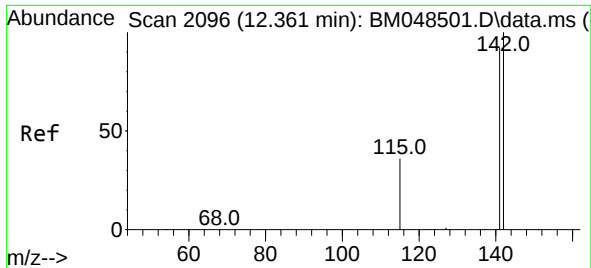


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54



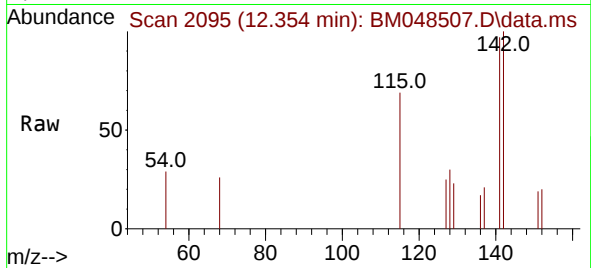
Tgt Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
141 91.1 68.6 103.0





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.354 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

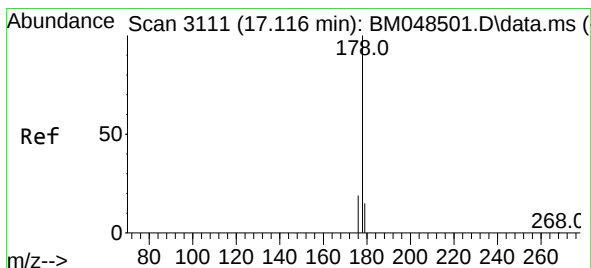
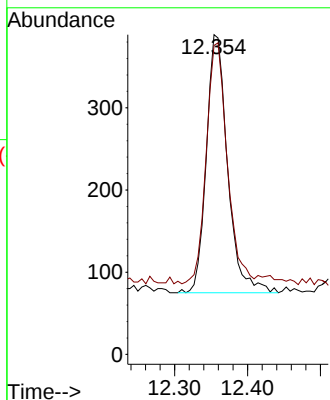
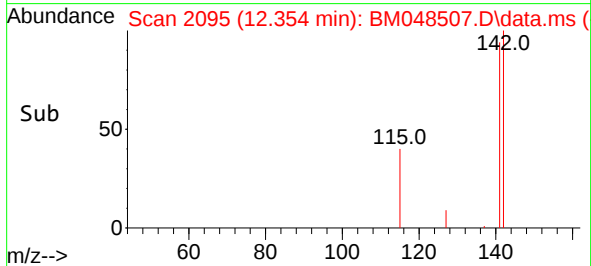
Instrument :
BNA_M
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Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
141 96.7 72.8 109.2

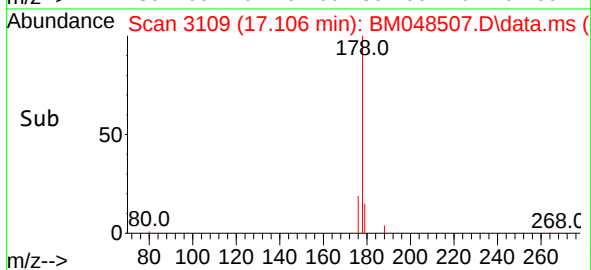
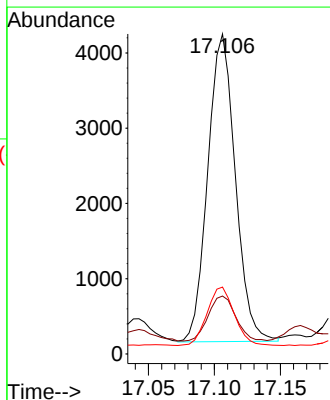
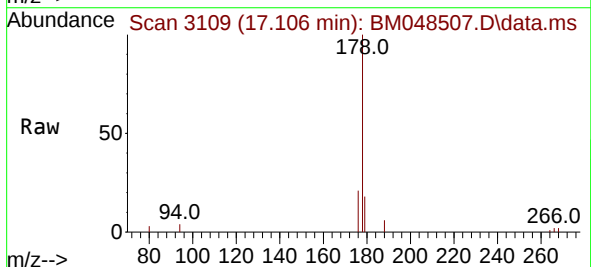
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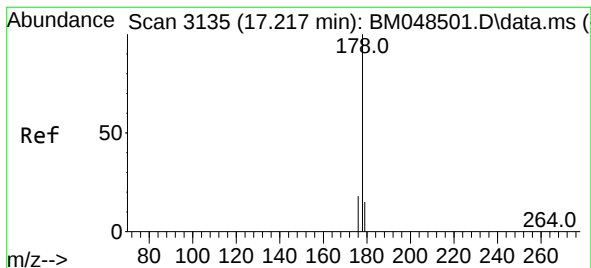
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.013 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

Tgt Ion:178 Resp: 5938
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.0
176 20.9 16.2 24.2





#16

Anthracene

Concen: 0.023 ng/ul

RT: 17.199 min Scan# 3135

Delta R.T. -0.021 min

Lab File: BM048507.D

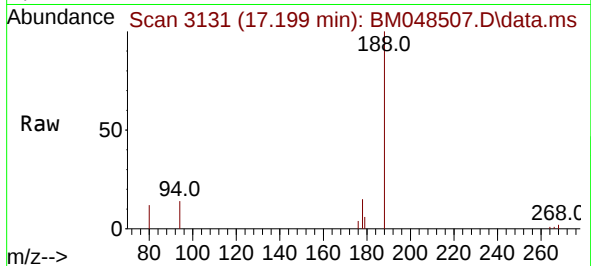
Acq: 07 Nov 2024 11:54

Instrument :

BNA_M

ClientSampleId :

CC0Q8

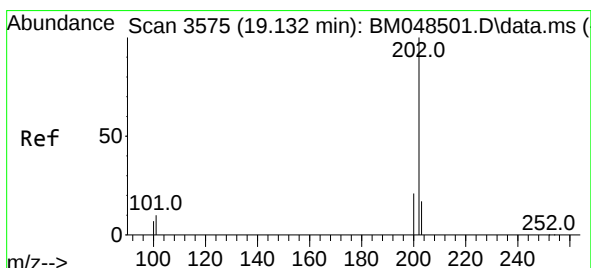
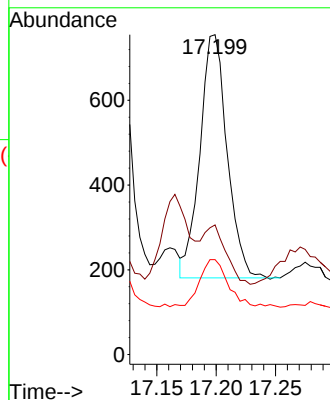
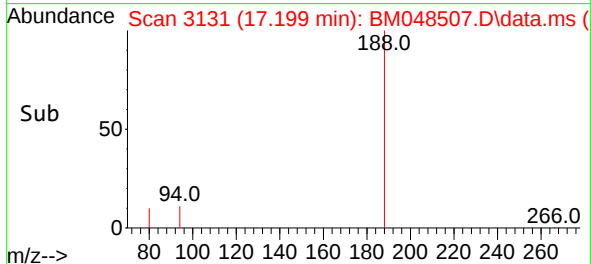


Tgt Ion:	178	Resp:	91
Ion Ratio	Lower	Upper	
178	100		
179	40.5	13.7	20.5
176	29.7	15.9	23.9

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#19

Fluoranthene

Concen: 0.080 ng/ul

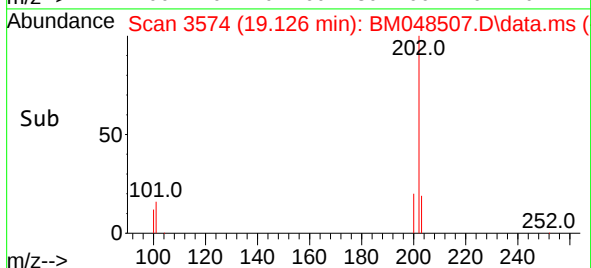
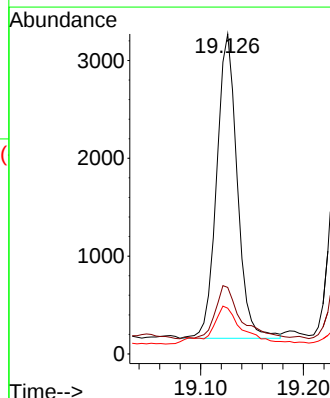
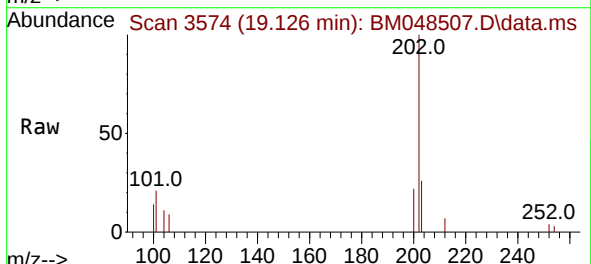
RT: 19.126 min Scan# 3574

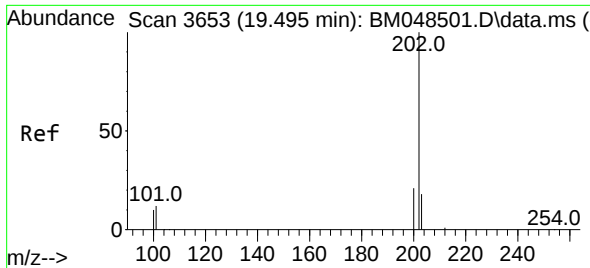
Delta R.T. -0.014 min

Lab File: BM048507.D

Acq: 07 Nov 2024 11:54

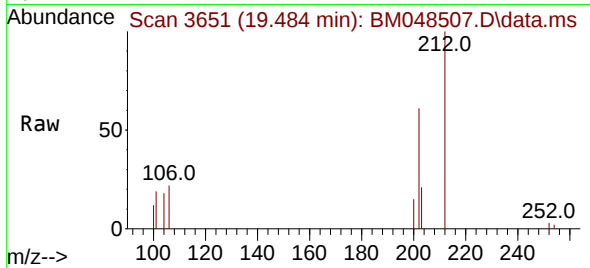
Tgt Ion:	202	Resp:	4330
Ion Ratio	Lower	Upper	
202	100		
101	20.8	10.2	15.4
100	14.3	7.3	10.9





#20
Pyrene
Concen: 0.057 ng/ul m
RT: 19.484 min Scan# 3
Delta R.T. -0.019 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

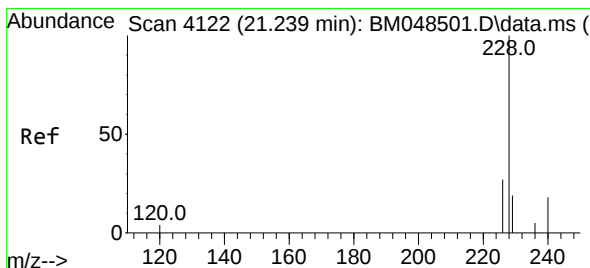
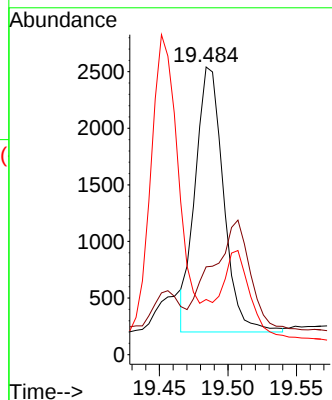
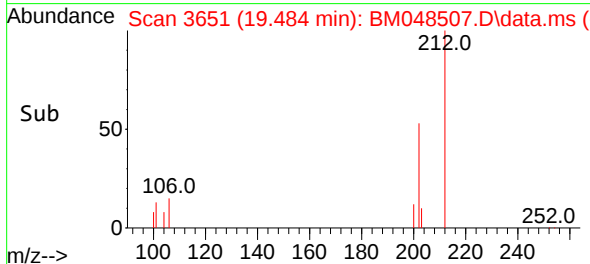
Instrument :
BNA_M
ClientSampleId :
CC0Q8



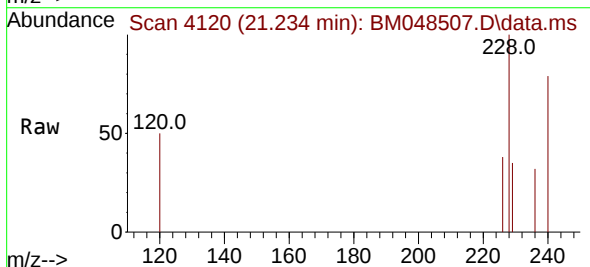
Tgt Ion:202 Resp: 335
Ion Ratio Lower Upper
202 100
101 30.5 11.4 17.2
100 19.2 8.5 12.7

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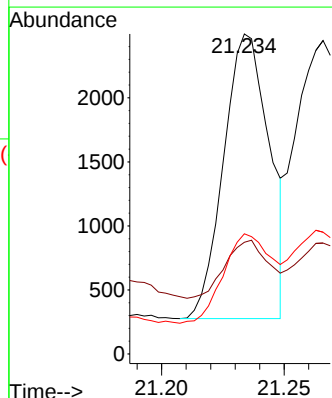
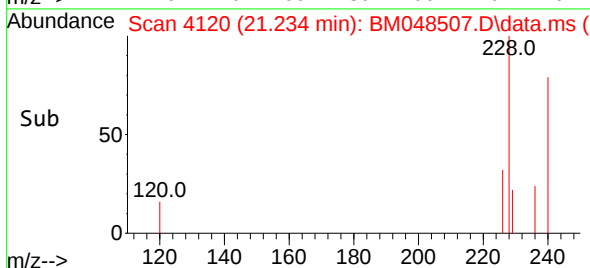
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

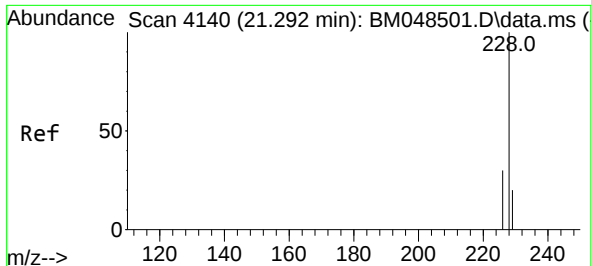


#21
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.234 min Scan# 4120
Delta R.T. -0.015 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54



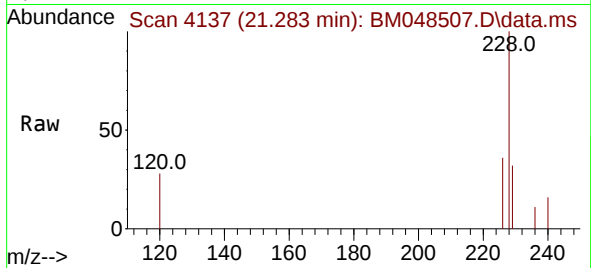
Tgt Ion:228 Resp: 2883
Ion Ratio Lower Upper
228 100
229 34.9 16.2 24.2#
226 37.6 22.1 33.1#





#22
Chrysene
Concen: 0.111 ng/ul m
RT: 21.283 min Scan# 4137
Delta R.T. -0.018 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

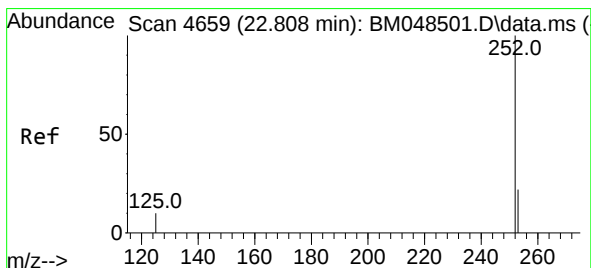
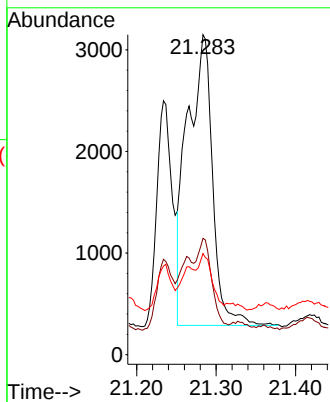
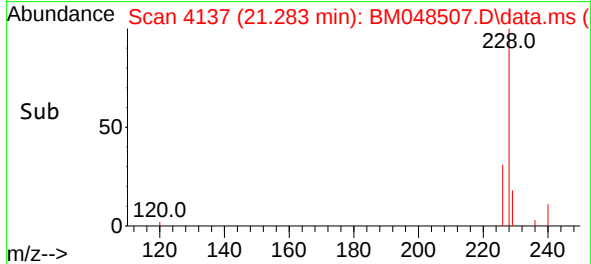
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 632
Ion Ratio Lower Upper
228 100
226 36.3 24.4 36.6
229 31.6 16.5 24.7

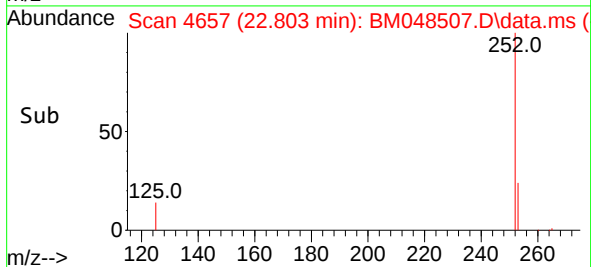
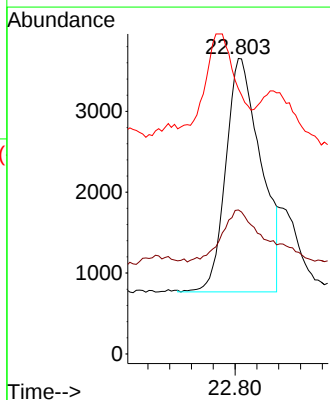
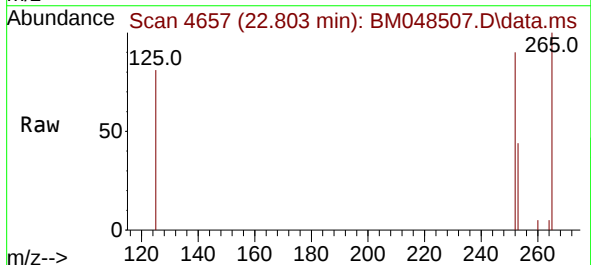
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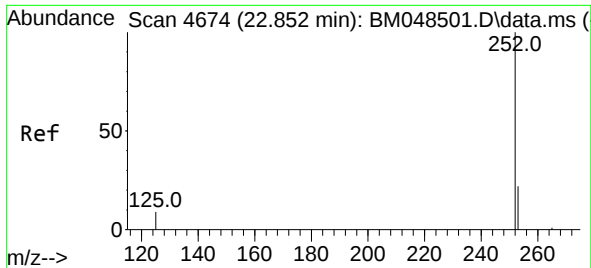
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Benzo(b)fluoranthene
Concen: 0.146 ng/ul m
RT: 22.803 min Scan# 4657
Delta R.T. -0.021 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

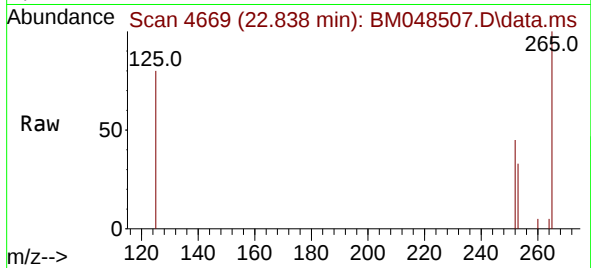
Tgt Ion:252 Resp: 6430
Ion Ratio Lower Upper
252 100
253 48.7 0.0 61.6
125 89.8 0.0 43.2#





#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.838 min Scan# 4669
Delta R.T. -0.029 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

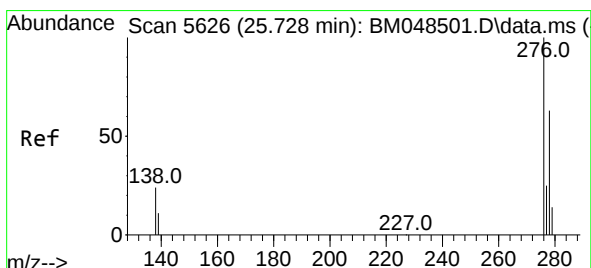
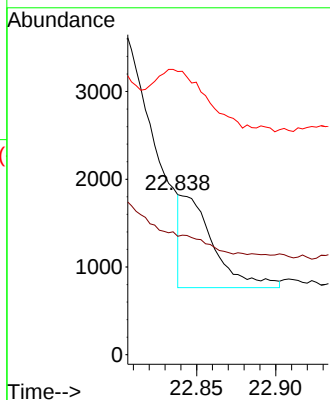
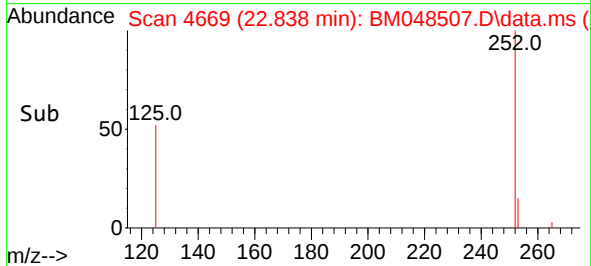
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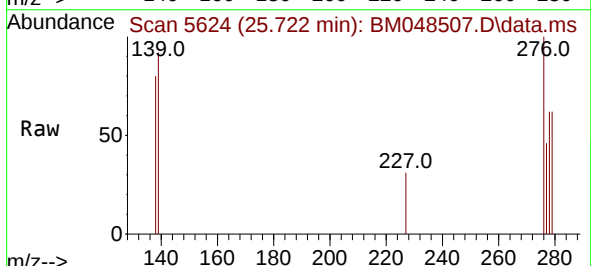
Tgt Ion:252 Resp: 1500
Ion Ratio Lower Upper
252 100
253 74.0 25.0 37.4
125 177.0 17.4 26.0

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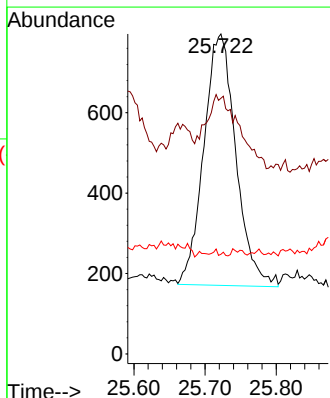
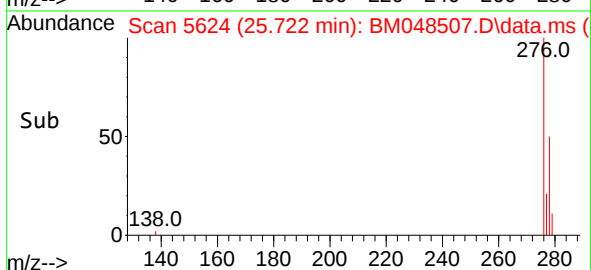
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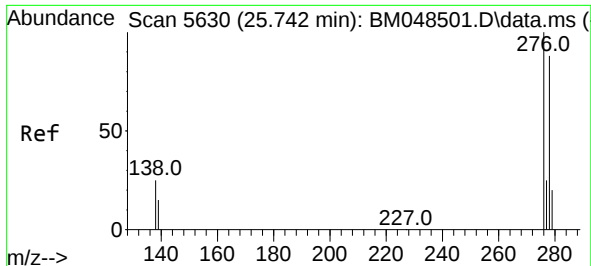


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.722 min Scan# 5624
Delta R.T. -0.030 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54



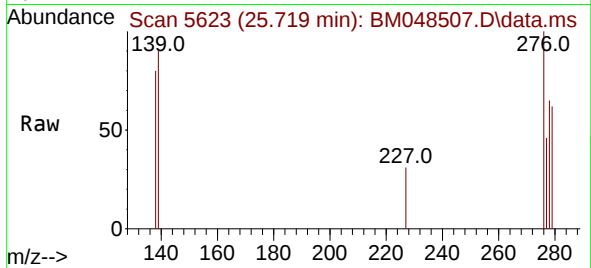
Tgt Ion:276 Resp: 1960
Ion Ratio Lower Upper
276 100
138 30.9 20.1 30.1#
227 0.5 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.719 min Scan# 50
Delta R.T. -0.057 min
Lab File: BM048507.D
Acq: 07 Nov 2024 11:54

Instrument :
BNA_M
ClientSampleId :
CC0Q8



Tgt Ion:278 Resp: 125
Ion Ratio Lower Upper
278 100
139 139.1 17.8 26.8
279 96.7 26.6 39.8

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