

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048496.D
 Acq On : 07 Nov 2024 03:13
 Operator : RC/JU
 Sample : P4634-13
 Misc :
 ALS Vial : 29 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 03:49:24 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	4437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.462	136	13927	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.320	164	7702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	15102	0.400	ng/ul	-0.02
17) Chrysene-d12	21.251	240	13438	0.400	ng/ul	-0.01
23) Perylene-d12	23.473	264	13196m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	6366	1.189	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	1488	0.083	ng/ul	-0.01
18) Fluoranthene-d10	19.099	212	3508	0.093	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.512	128	3149	0.090	ng/ul#	92
7) 2-Methylnaphthalene	12.140	142	539	0.025	ng/ul	89
8) 1-Methylnaphthalene	12.354	142	619	0.028	ng/ul	98
15) Phenanthrene	17.106	178	5398	0.136	ng/ul	96
16) Anthracene	17.199	178	923	0.025	ng/ul#	61
19) Fluoranthene	19.126	202	3907	0.079	ng/ul#	77
20) Pyrene	19.489	202	3382	0.063	ng/ul#	64
21) Benzo(a)anthracene	21.237	228	2799	0.064	ng/ul#	71
22) Chrysene	21.286	228	5937m	0.112	ng/ul	
24) Benzo(b)fluoranthene	22.809	252	5922m	0.144	ng/ul	
25) Benzo(k)fluoranthene	22.841	252	1104m	0.023	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.719	276	1769	0.032	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.712	278	1125	0.026	ng/ul#	1

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

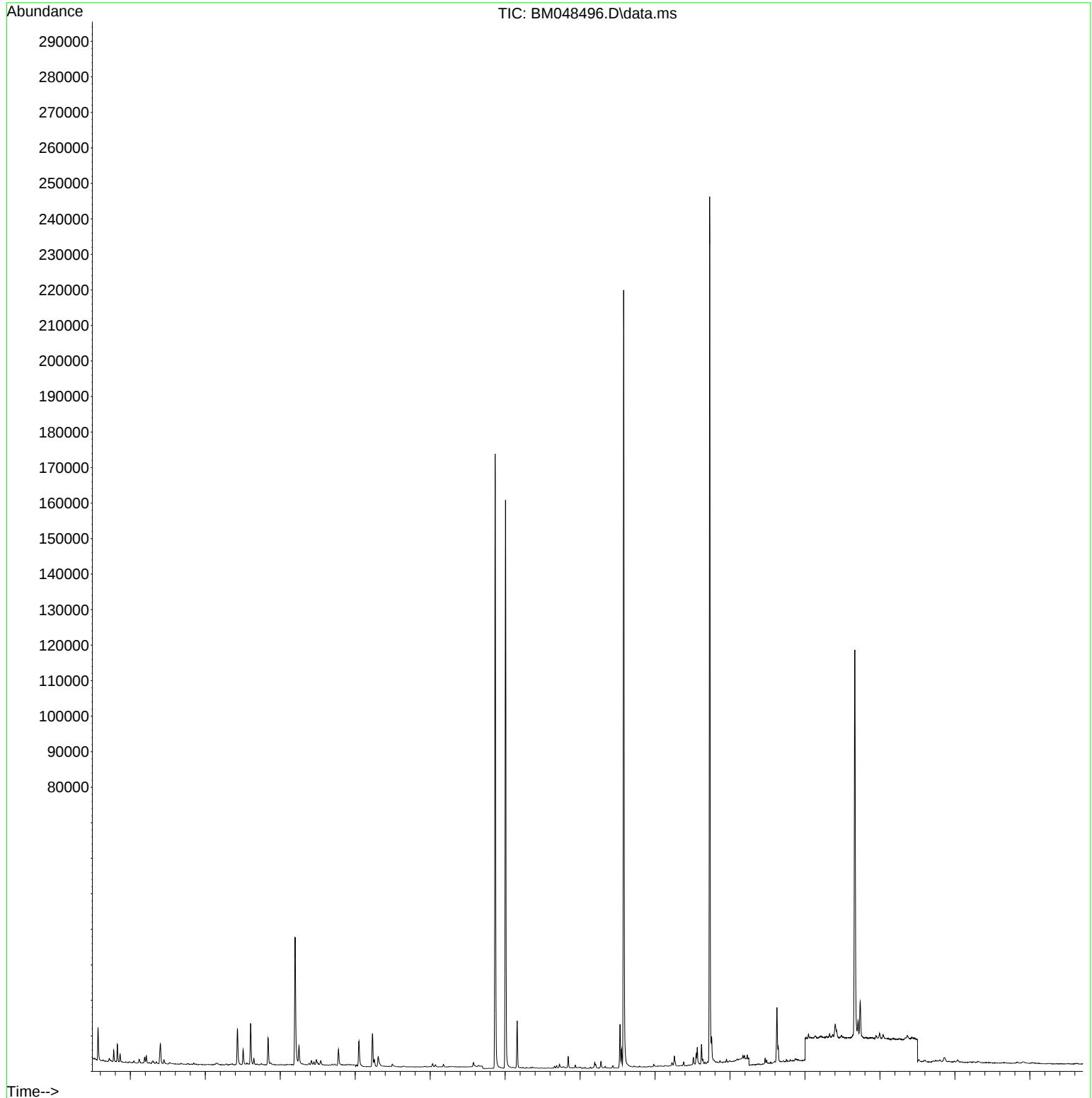
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048496.D
Acq On : 07 Nov 2024 03:13
Operator : RC/JU
Sample : P4634-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

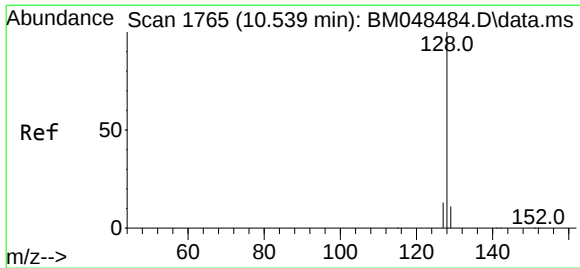
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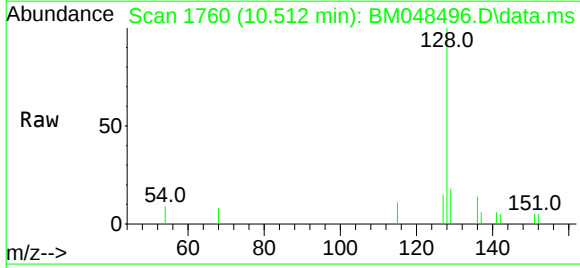
Quant Time: Nov 07 03:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
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#5
Naphthalene
Concen: 0.090 ng/u1
RT: 10.512 min Scan# 17
Delta R.T. -0.011 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

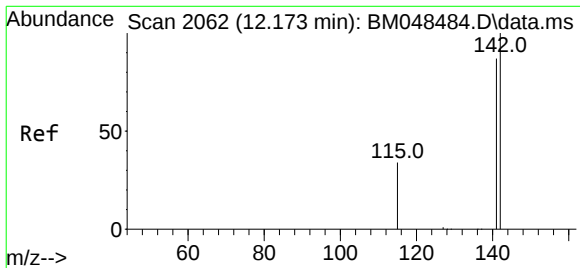
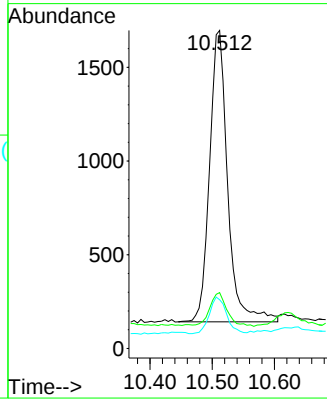
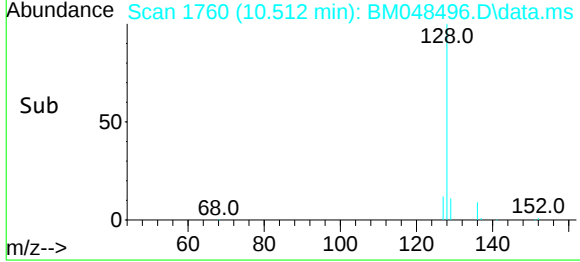
Instrument :
BNA_M
ClientSampleId :
CC0Q8



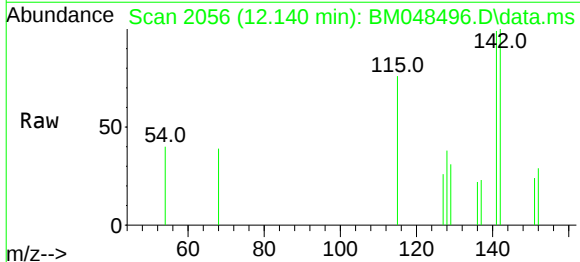
Tgt Ion:128 Resp: 3149
Ion Ratio Lower Upper
128 100
129 17.6 10.0 15.0#
127 15.3 10.9 16.3

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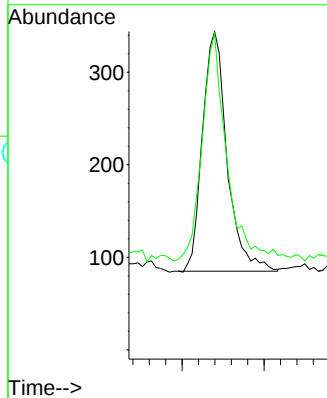
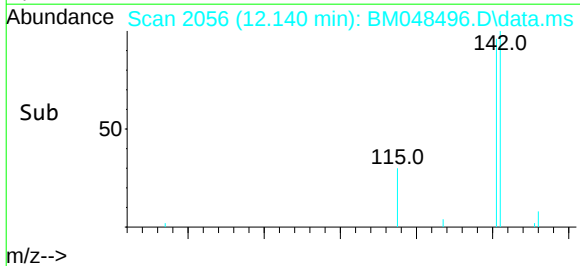
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

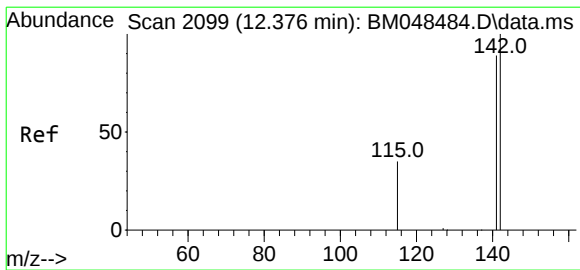


#7
2-Methylnaphthalene
Concen: 0.025 ng/u1
RT: 12.140 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13



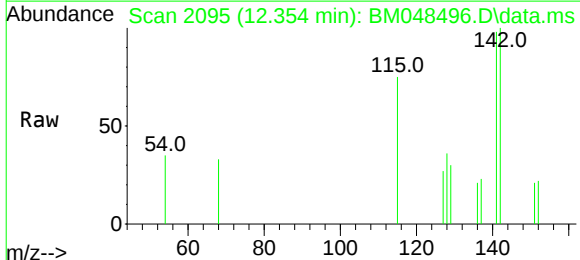
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
141 96.3 68.6 103.0





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.354 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

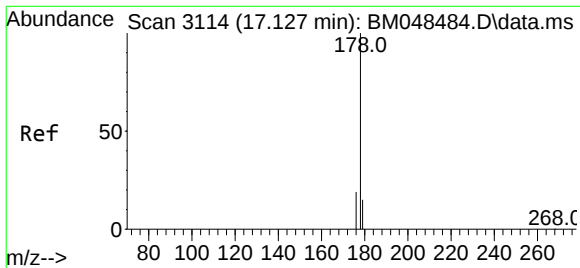
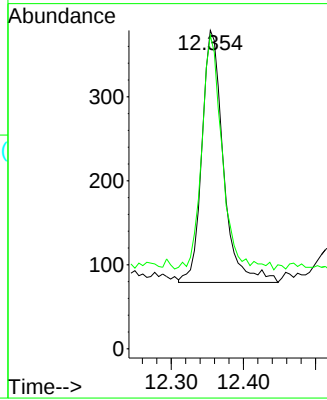
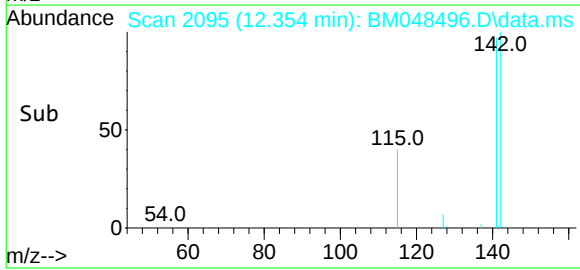
Instrument :
BNA_M
ClientSampleId :
CC0Q8



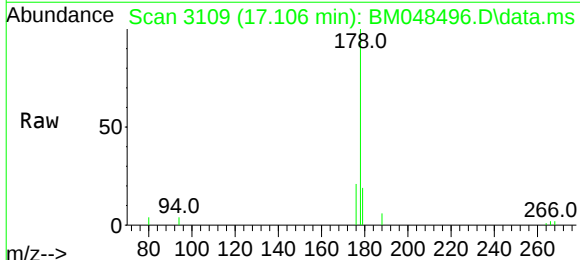
Tgt Ion:142 Resp: 619
Ion Ratio Lower Upper
142 100
141 88.9 72.8 109.2

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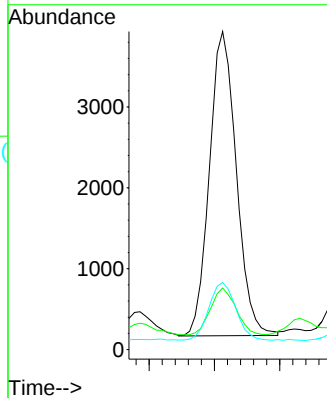
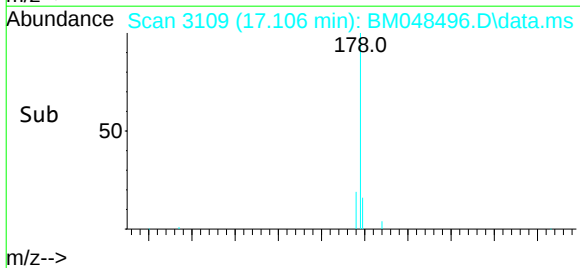
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

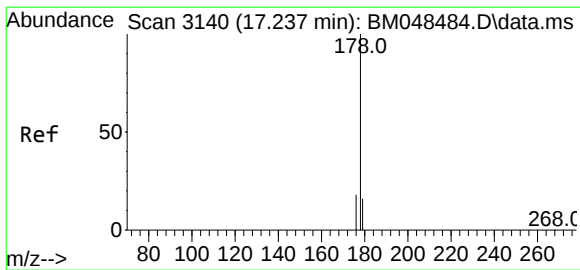


#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.013 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13



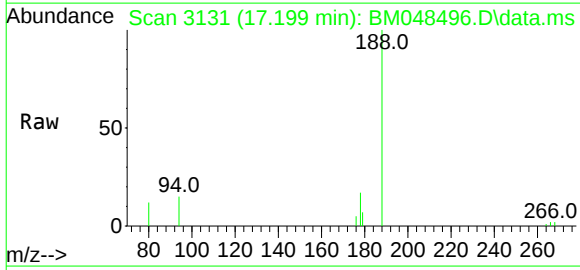
Tgt Ion:178 Resp: 5398
Ion Ratio Lower Upper
178 100
179 19.4 13.4 20.0
176 21.1 16.2 24.2





#16
Anthracene
Concen: 0.025 ng/u1
RT: 17.199 min Scan# 3140
Delta R.T. -0.021 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

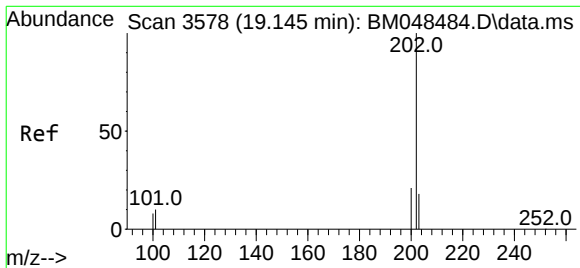
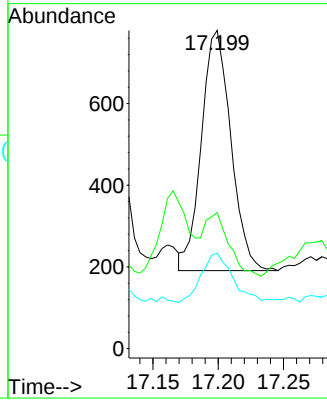
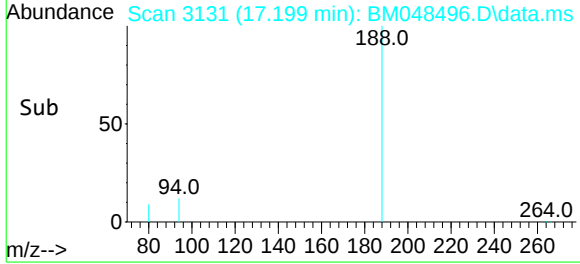
Instrument :
BNA_M
ClientSampleId :
CC0Q8



Tgt Ion:178 Resp: 923
Ion Ratio Lower Upper
178 100
179 42.7 13.7 20.5#
176 30.0 15.9 23.9#

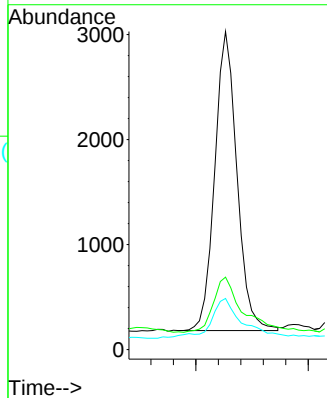
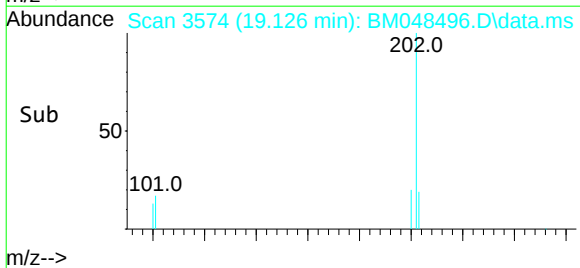
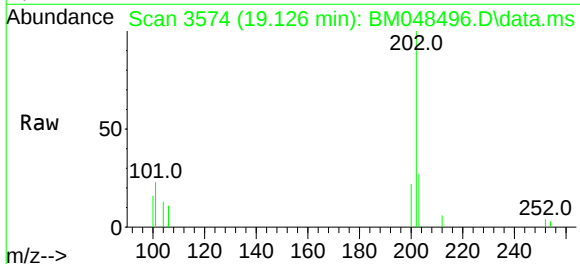
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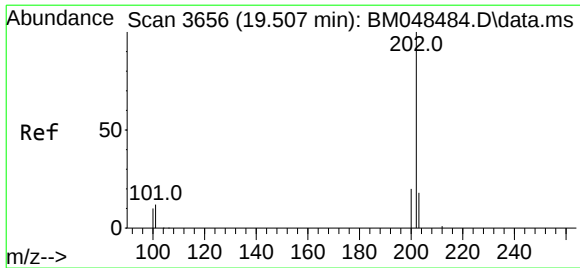
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#19
Fluoranthene
Concen: 0.079 ng/u1
RT: 19.126 min Scan# 3574
Delta R.T. -0.014 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

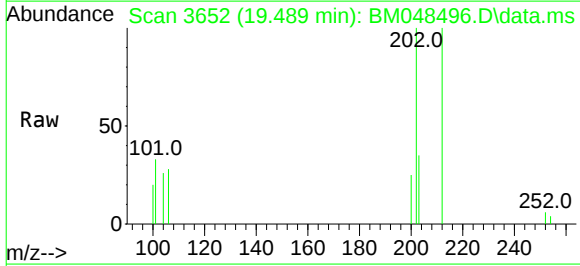
Tgt Ion:202 Resp: 3907
Ion Ratio Lower Upper
202 100
101 22.8 10.2 15.4#
100 16.1 7.3 10.9#





#20
Pyrene
Concen: 0.063 ng/u1
RT: 19.489 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

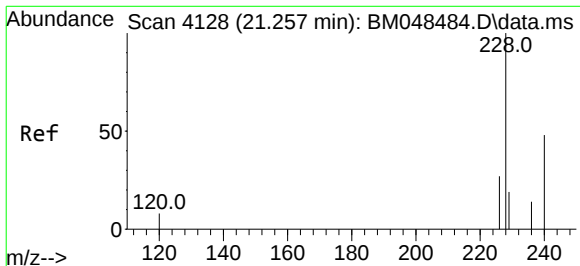
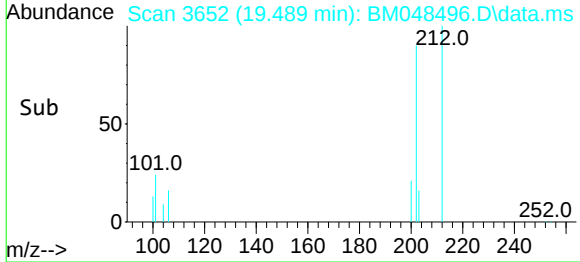
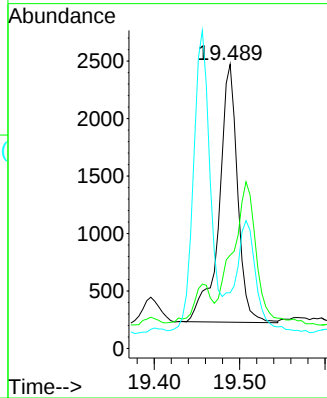
Instrument :
BNA_M
ClientSampleId :
CC0Q8



Tgt Ion	Ratio	Lower	Upper
202	100		
101	32.8	11.4	17.2#
100	19.6	8.5	12.7#

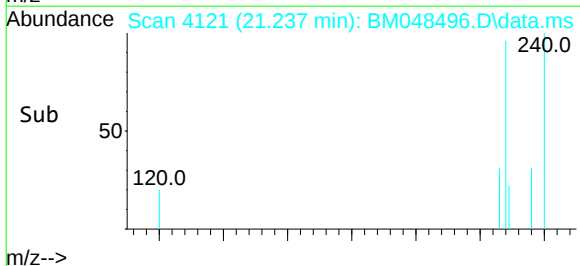
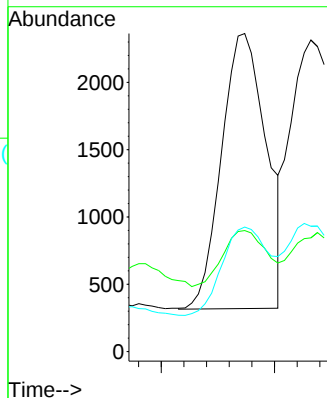
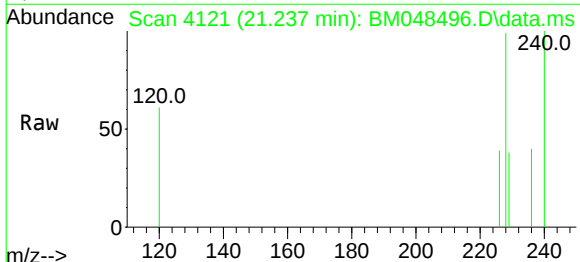
Manual Integrations
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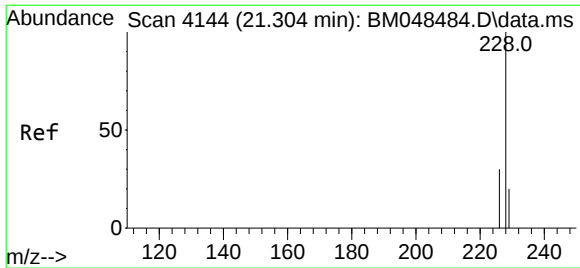
Reviewed By :Jagrut Upadhyay 11/07/2024
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#21
Benzo(a)anthracene
Concen: 0.064 ng/u1
RT: 21.237 min Scan# 4121
Delta R.T. -0.012 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

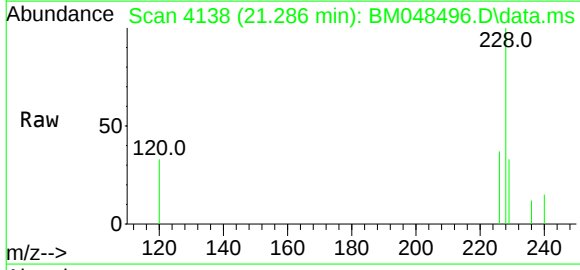
Tgt Ion	Ratio	Lower	Upper
228	100		
229	38.0	16.2	24.2#
226	39.1	22.1	33.1#





#22
Chrysene
Concen: 0.112 ng/ul m
RT: 21.286 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13

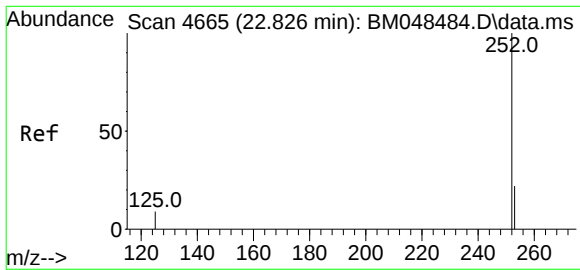
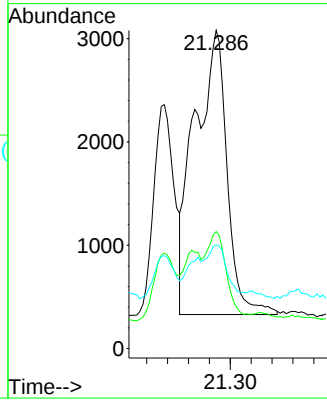
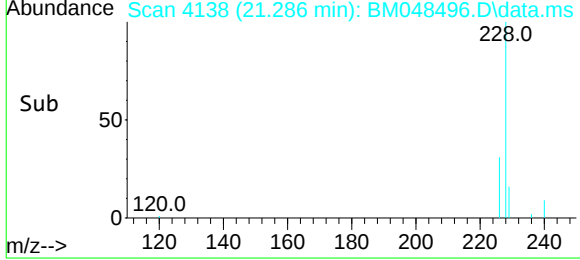
Instrument :
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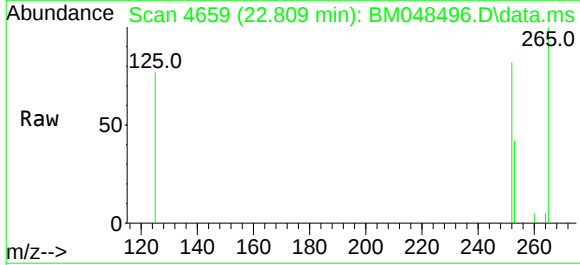
Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.4	36.6#
229	32.6	16.5	24.7#

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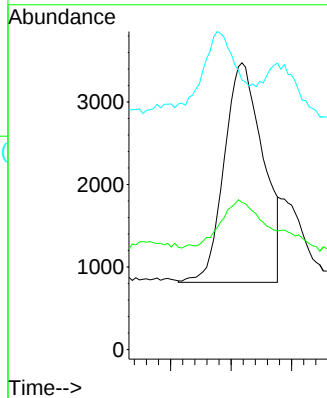
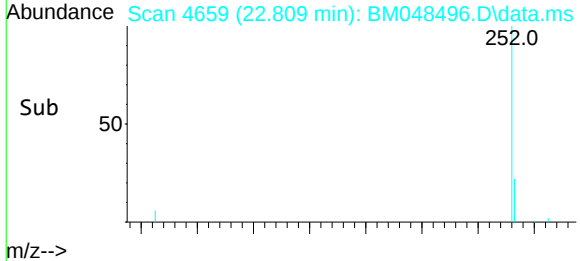
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Supervised By :mohammad ahmed 11/11/2024

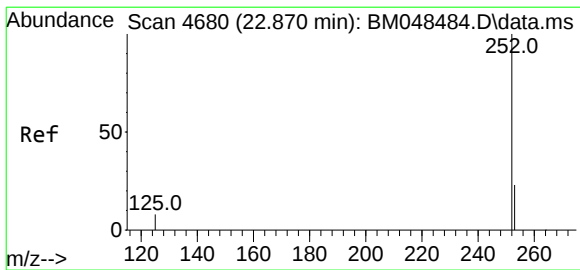


#24
Benzo(b)fluoranthene
Concen: 0.144 ng/ul m
RT: 22.809 min Scan# 4659
Delta R.T. -0.015 min
Lab File: BM048496.D
Acq: 07 Nov 2024 03:13



Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.3	0.0	61.6
125	94.0	0.0	43.2#





#25

Benzo(k)fluoranthene

Concen: 0.023 ng/ul m

RT: 22.841 min Scan# 46

Delta R.T. -0.026 min

Lab File: BM048496.D

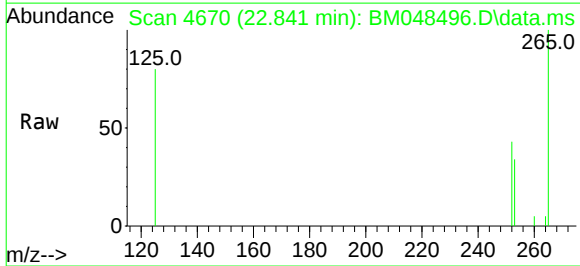
Acq: 07 Nov 2024 03:13

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 1104

Ion Ratio Lower Upper

252 100

253 79.1 25.0 37.4#

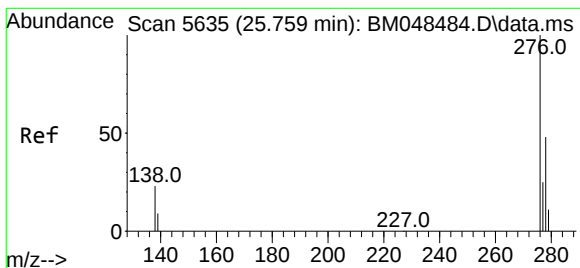
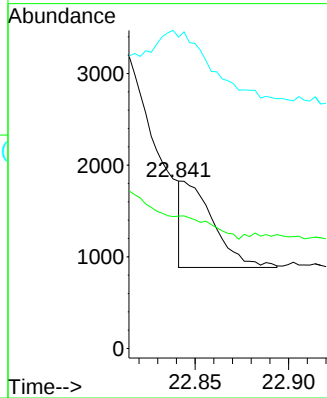
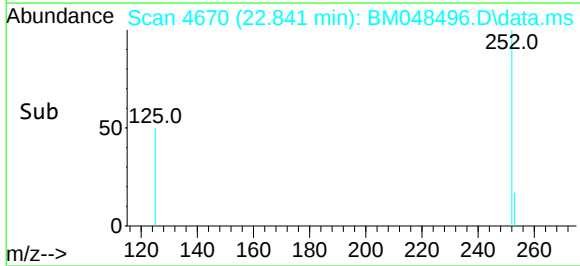
125 186.0 17.4 26.0#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 25.719 min Scan# 5623

Delta R.T. -0.033 min

Lab File: BM048496.D

Acq: 07 Nov 2024 03:13

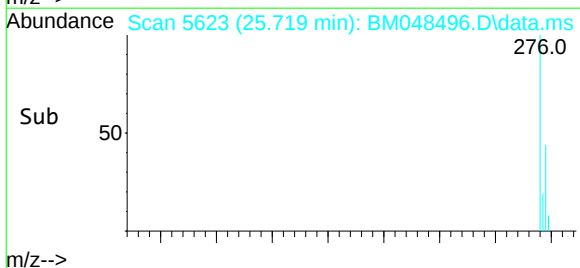
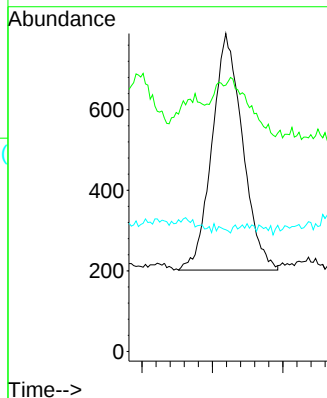
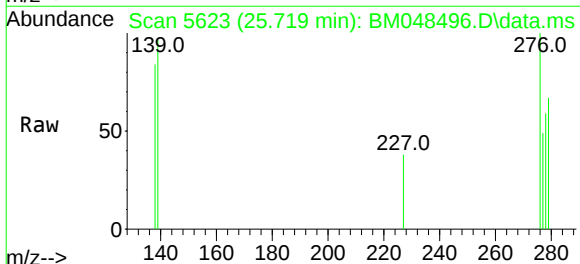
Tgt Ion:276 Resp: 1769

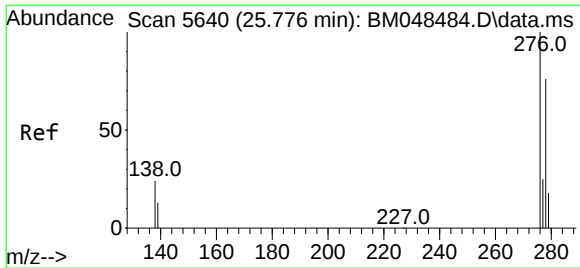
Ion Ratio Lower Upper

276 100

138 26.6 20.1 30.1

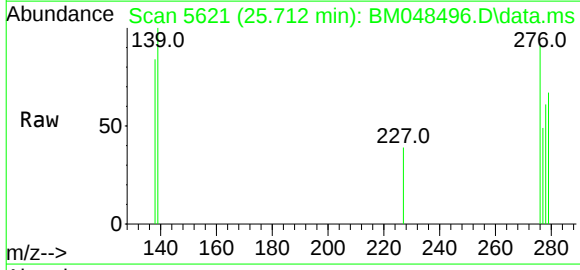
227 0.7 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.026 ng/ul
 RT: 25.712 min Scan# 56
 Delta R.T. -0.064 min
 Lab File: BM048496.D
 Acq: 07 Nov 2024 03:13

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q8



Tgt Ion:	278	Resp:	1125
Ion Ratio	Lower	Upper	
278	100		
139	163.0	17.8	26.8#
279	109.2	26.6	39.8#

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