

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049115.D
 Acq On : 21 Dec 2024 00:01
 Operator : RC/JU
 Sample : P5265-09DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 00:34:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	8397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	25152	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	14118	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	28611	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	25708	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	29842	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	5992	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1047	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	1655	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	1270	0.020	ng/ul#	72
10) Acenaphthylene	13.909	152	1707	0.029	ng/ul#	79
15) Phenanthrene	16.984	178	14161	0.190	ng/ul	100
16) Anthracene	17.077	178	2943	0.043	ng/ul#	89
19) Fluoranthene	19.010	202	37467	0.403	ng/ul	99
20) Pyrene	19.373	202	34411	0.347	ng/ul	100
21) Benzo(a)anthracene	21.129	228	17619	0.197	ng/ul	98
22) Chrysene	21.181	228	20236	0.211	ng/ul	97
24) Benzo(b)fluoranthene	22.666	252	27067m	0.284	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	10853m	0.104	ng/ul	
26) Benzo(a)pyrene	23.209	252	18247	0.200	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.444	276	14822	0.115	ng/ul#	55
28) Dibenzo(a,h)anthracene	25.454	278	3406	0.034	ng/ul#	47
29) Benzo(g,h,i)perylene	26.094	276	16034	0.154	ng/ul	95

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

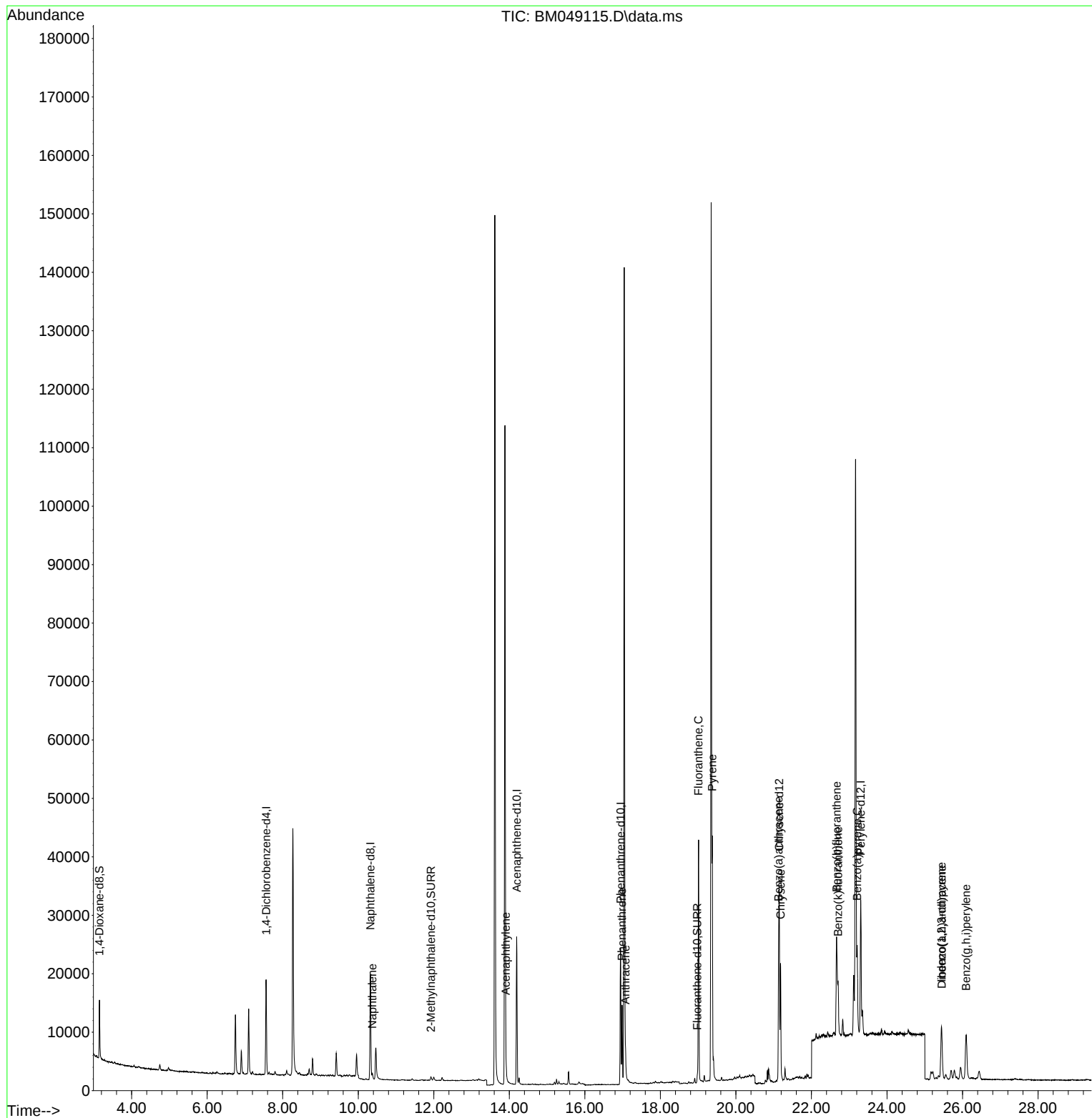
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049115.D
Acq On : 21 Dec 2024 00:01
Operator : RC/JU
Sample : P5265-09DL 5X
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ALS Vial : 15 Sample Multiplier: 1

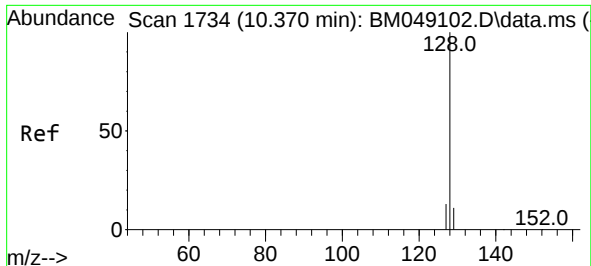
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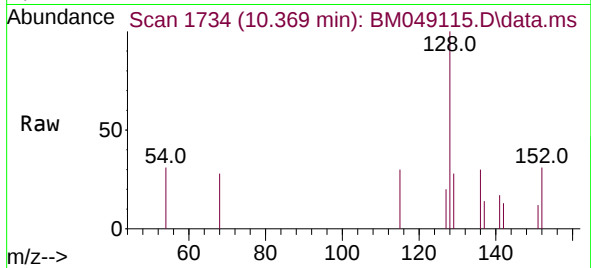
Quant Time: Dec 21 00:34:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/u1
RT: 10.369 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

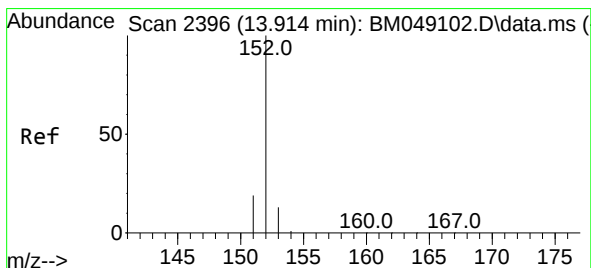
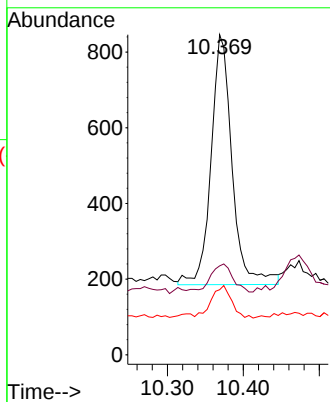
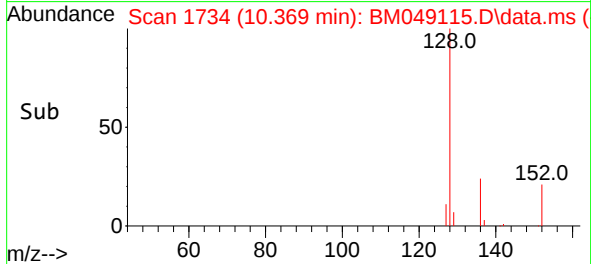
Instrument :
BNA_M
ClientSampleId :
E28Z4DL



Tgt Ion:128 Resp: 1270
Ion Ratio Lower Upper
128 100
129 27.8 9.7 14.5
127 20.3 10.6 16.0

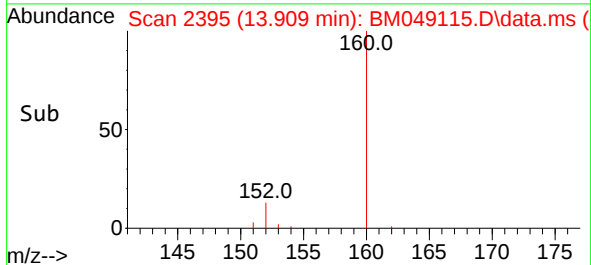
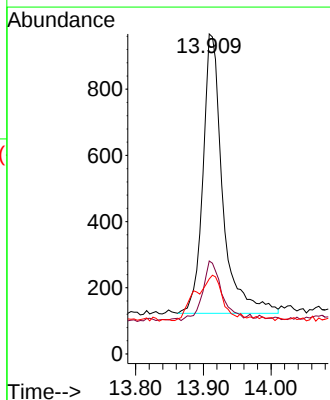
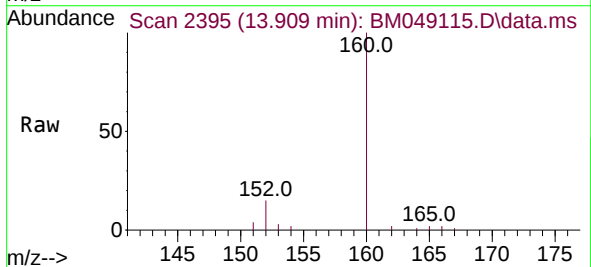
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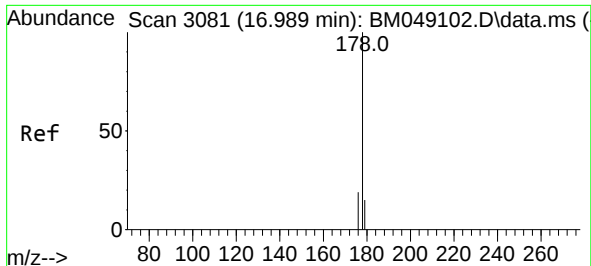
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.029 ng/u1
RT: 13.909 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

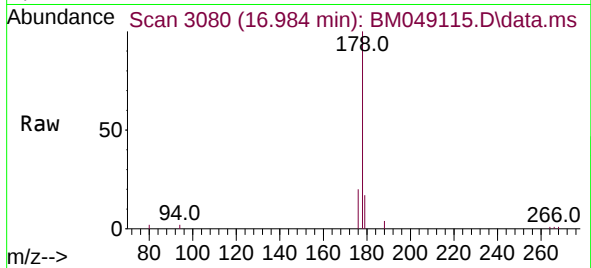
Tgt Ion:152 Resp: 1707
Ion Ratio Lower Upper
152 100
151 29.1 16.0 24.0#
153 23.5 11.0 16.6#





#15
Phenanthrene
Concen: 0.190 ng/u1
RT: 16.984 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

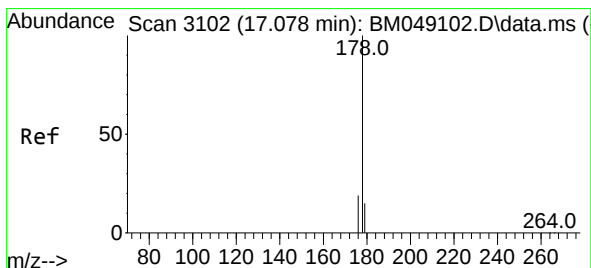
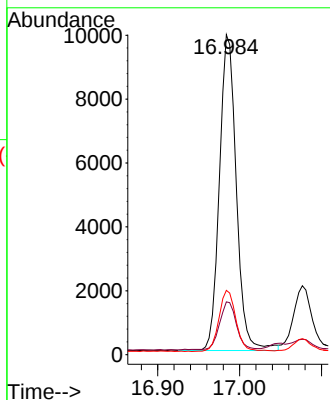
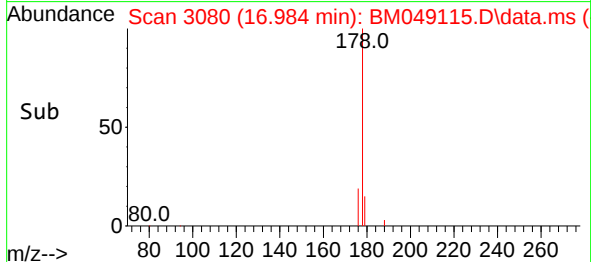
Instrument :
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E28Z4DL



Tgt Ion:178 Resp: 1416
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.1 16.2 24.2

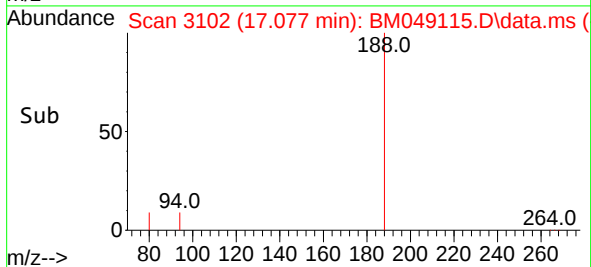
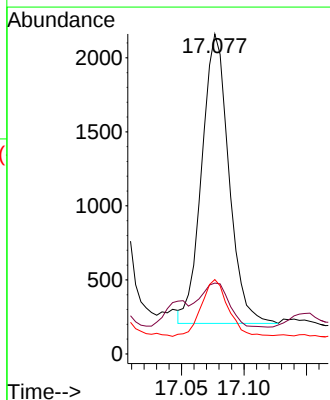
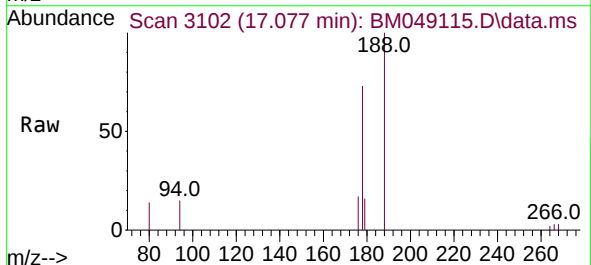
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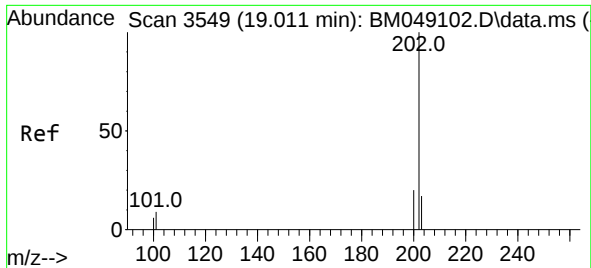
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.043 ng/u1
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

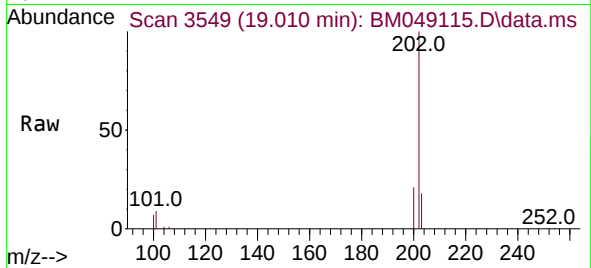
Tgt Ion:178 Resp: 2943
Ion Ratio Lower Upper
178 100
179 22.2 12.9 19.3#
176 23.2 15.3 22.9#





#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

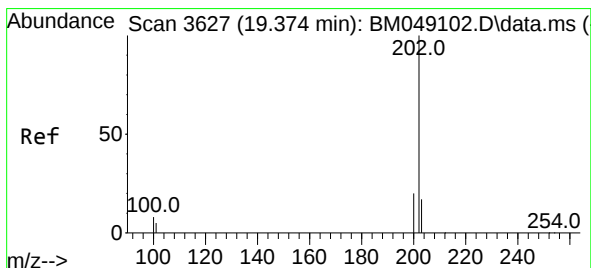
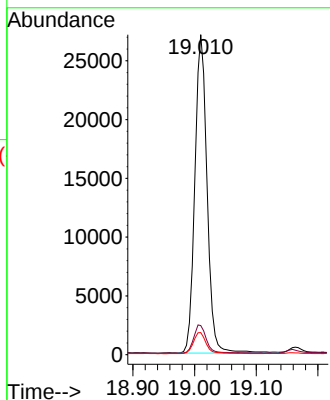
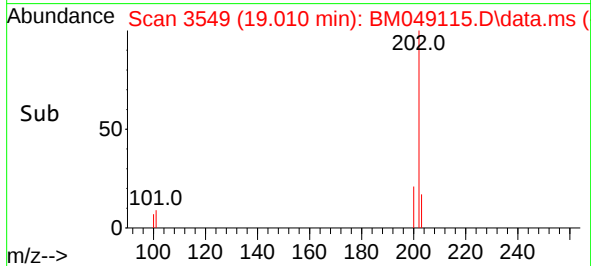
Instrument :
BNA_M
ClientSampleId :
E28Z4DL



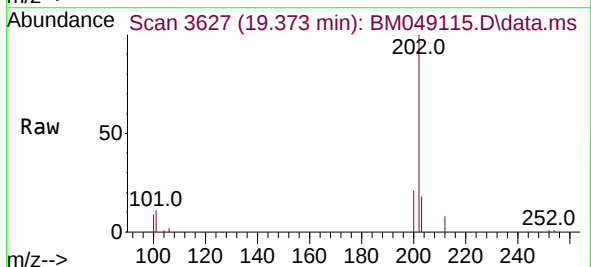
Tgt Ion:202 Resp: 3746
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.9 5.5 8.3

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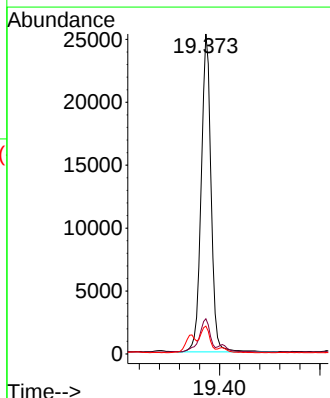
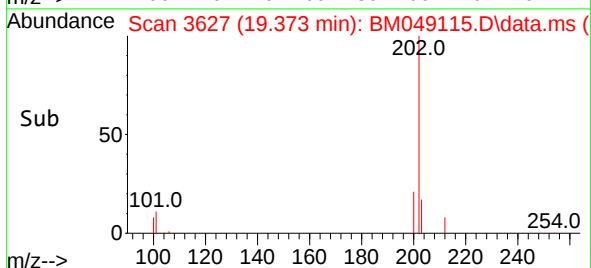
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

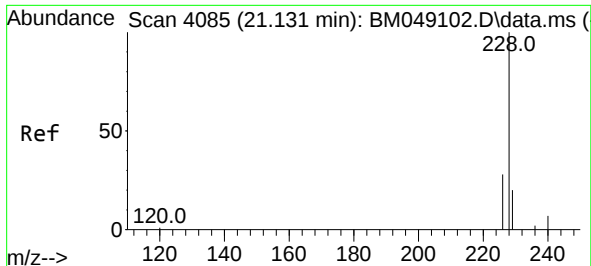


#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01



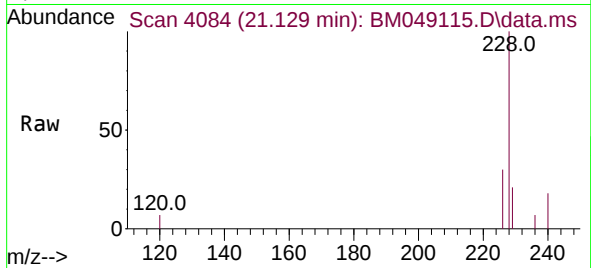
Tgt Ion:202 Resp: 34411
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.7 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.197 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

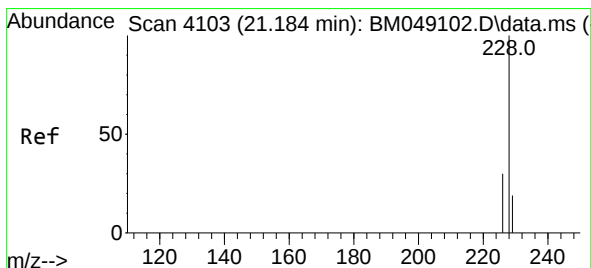
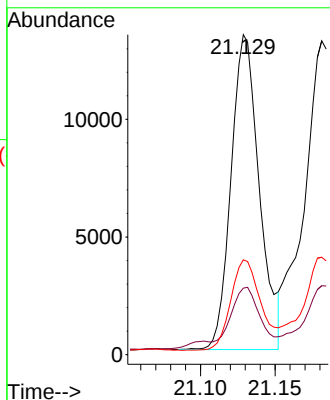
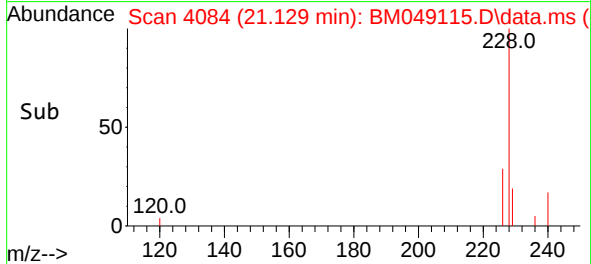
Instrument :
BNA_M
ClientSampleId :
E28Z4DL



Tgt Ion:228 Resp: 17619
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 29.6 22.6 34.0

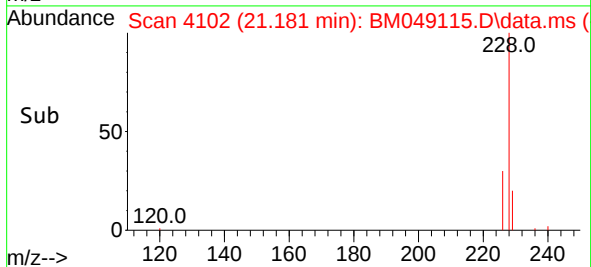
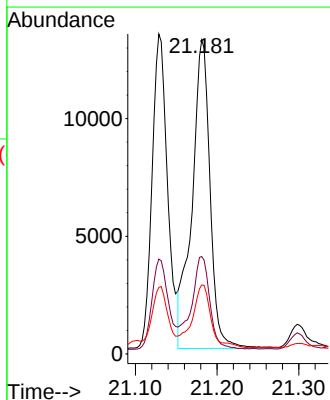
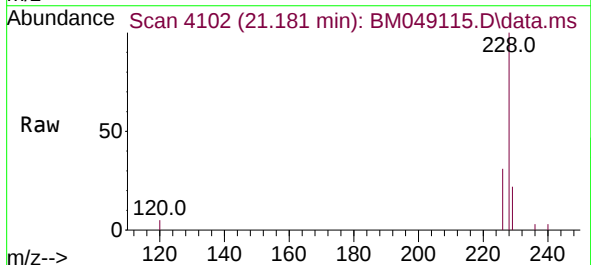
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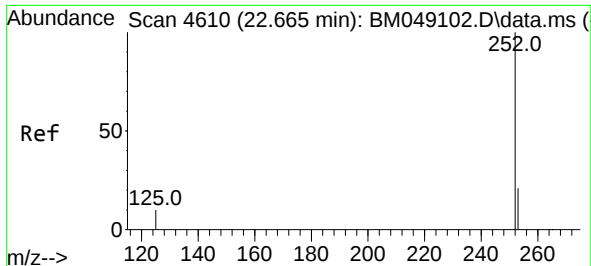
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

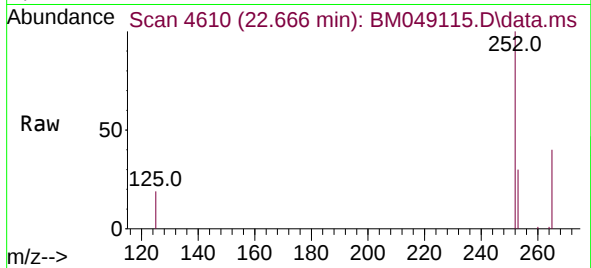
Tgt Ion:228 Resp: 20236
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

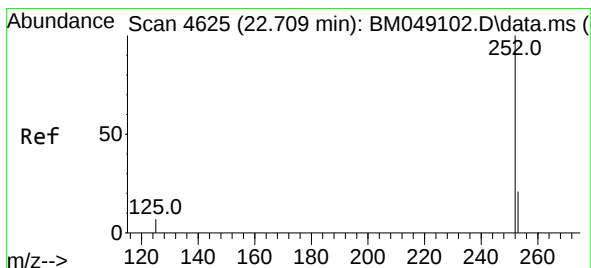
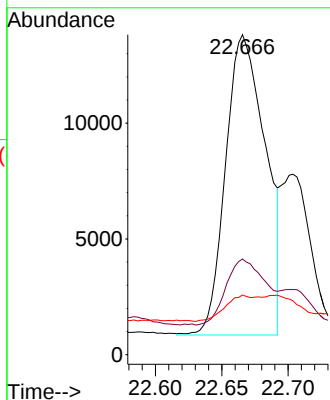
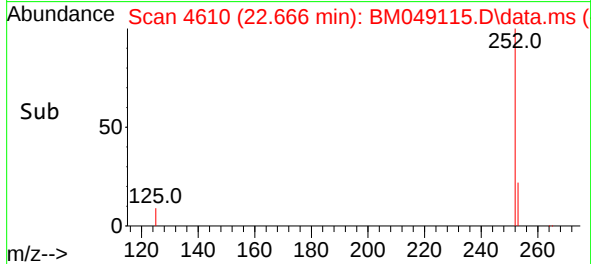
Instrument :
BNA_M
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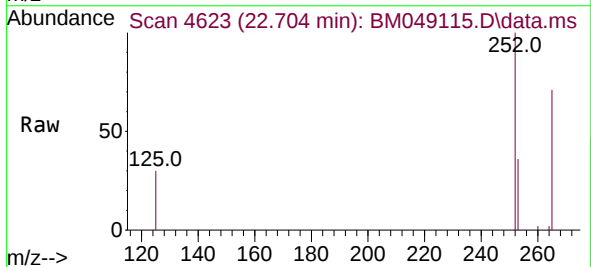
Tgt Ion:252 Resp: 2706
Ion Ratio Lower Upper
252 100
253 29.9 0.0 52.6
125 18.7 0.0 30.8

Manual Integrations
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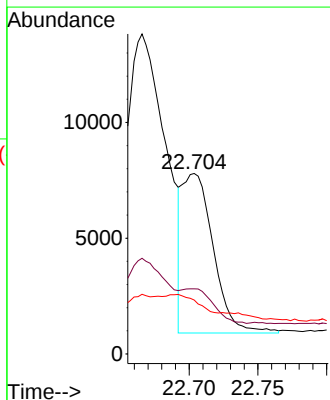
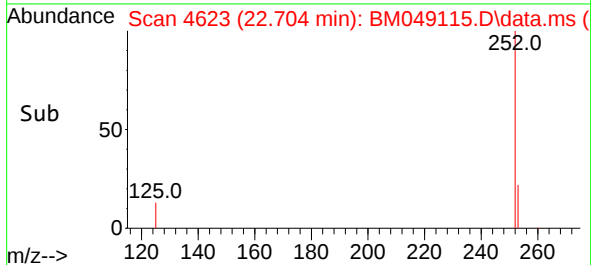
Reviewed By :Jagrut Upadhyay 12/23/2024
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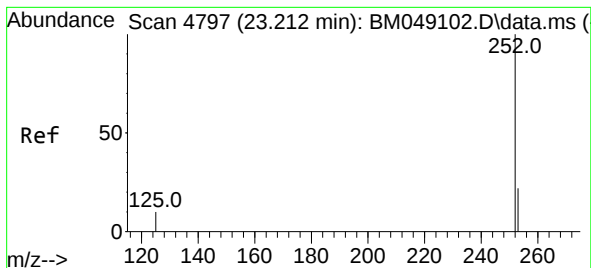


#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.704 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01



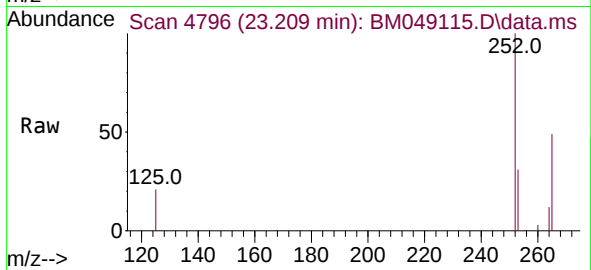
Tgt Ion:252 Resp: 10853
Ion Ratio Lower Upper
252 100
253 36.1 21.3 31.9#
125 29.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

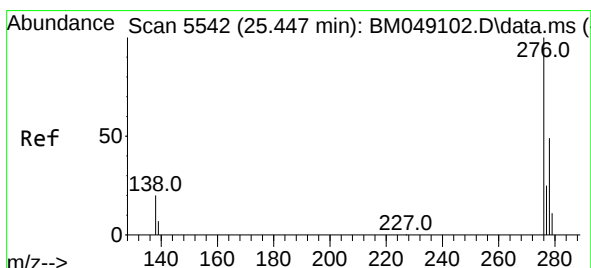
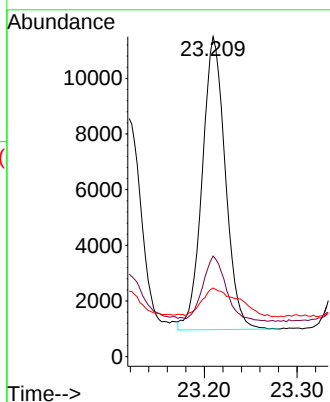
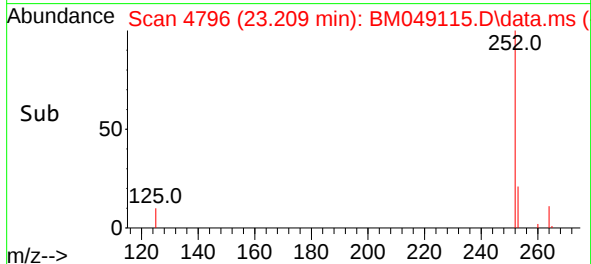
Instrument :
BNA_M
ClientSampleId :
E28Z4DL



Tgt Ion:252 Resp: 1824
Ion Ratio Lower Upper
252 100
253 31.5 22.4 33.6
125 21.5 14.8 22.2

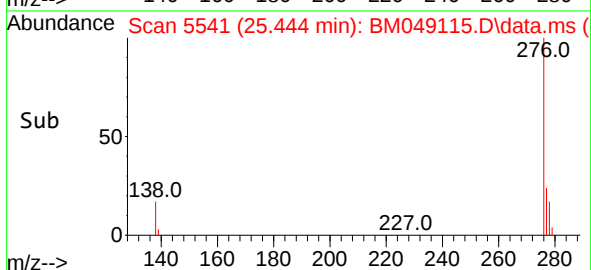
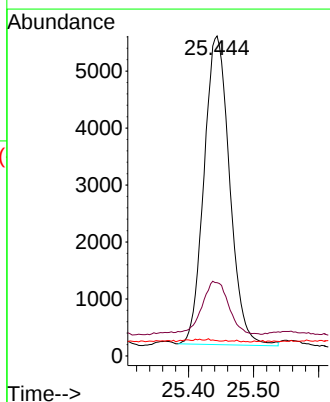
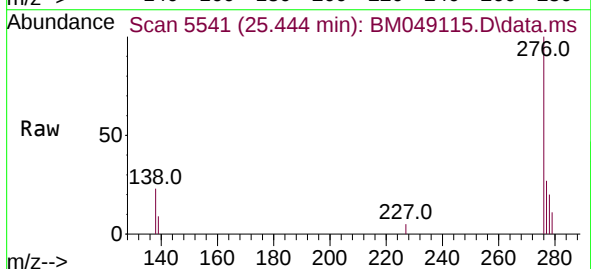
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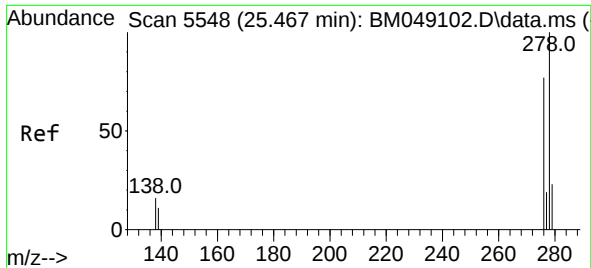
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.444 min Scan# 5541
Delta R.T. -0.003 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

Tgt Ion:276 Resp: 14822
Ion Ratio Lower Upper
276 100
138 0.0 17.4 26.2#
227 0.0 0.2 0.2#





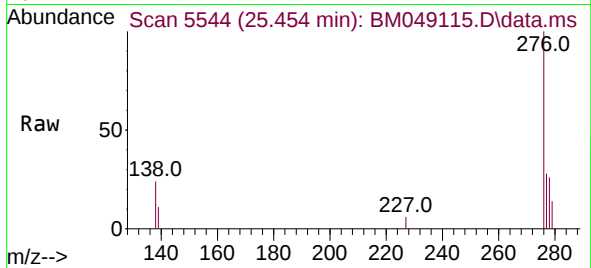
#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.454 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

Instrument :

BNA_M

ClientSampleId :

E28Z4DL

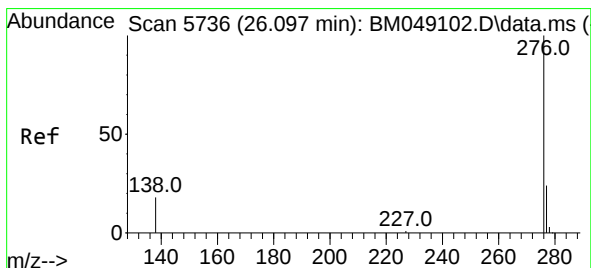
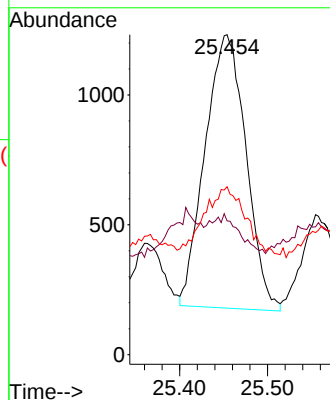


Tgt Ion:278 Resp: 3400
Ion Ratio Lower Upper
278 100
139 41.8 13.5 20.3
279 52.5 21.5 32.3

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. 0.000 min
Lab File: BM049115.D
Acq: 21 Dec 2024 00:01

Tgt Ion:276 Resp: 16034
Ion Ratio Lower Upper
276 100
138 23.9 16.7 25.1
277 27.0 19.9 29.9

