

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049106.D
 Acq On : 20 Dec 2024 18:37
 Operator : RC/JU
 Sample : P5265-21MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 22:10:44 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	7459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	23251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	13569	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	28450	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	23756	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	25782	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	2777	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	6890	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	19842	0.294	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.185	88	8298	0.825	ng/ul#	87
5) Naphthalene	10.370	128	14084	0.242	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	10214	0.277	ng/ul	97
8) 1-Methylnaphthalene	12.218	142	10030	0.266	ng/ul	99
10) Acenaphthylene	13.910	152	18930	0.337	ng/ul	99
11) Acenaphthene	14.257	153	11329	0.276	ng/ul	99
12) Fluorene	15.252	166	13571	0.293	ng/ul	98
14) Pentachlorophenol	16.601	266	2938	0.374	ng/ul	96
15) Phenanthrene	16.985	178	104803	1.410	ng/ul	99
16) Anthracene	17.078	178	32637	0.479	ng/ul	100
19) Fluoranthene	19.011	202	173672	2.022	ng/ul	98
20) Pyrene	19.374	202	148783	1.624	ng/ul	99
21) Benzo(a)anthracene	21.128	228	86826	1.051	ng/ul	100
22) Chrysene	21.181	228	83068	0.937	ng/ul	98
24) Benzo(b)fluoranthene	22.662	252	92914	1.128	ng/ul	94
25) Benzo(k)fluoranthene	22.703	252	52513	0.581	ng/ul	98
26) Benzo(a)pyrene	23.209	252	69348m	0.878	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	64631	0.578	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.457	278	31405	0.362	ng/ul	98
29) Benzo(g,h,i)perylene	26.094	276	57299	0.637	ng/ul	99

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

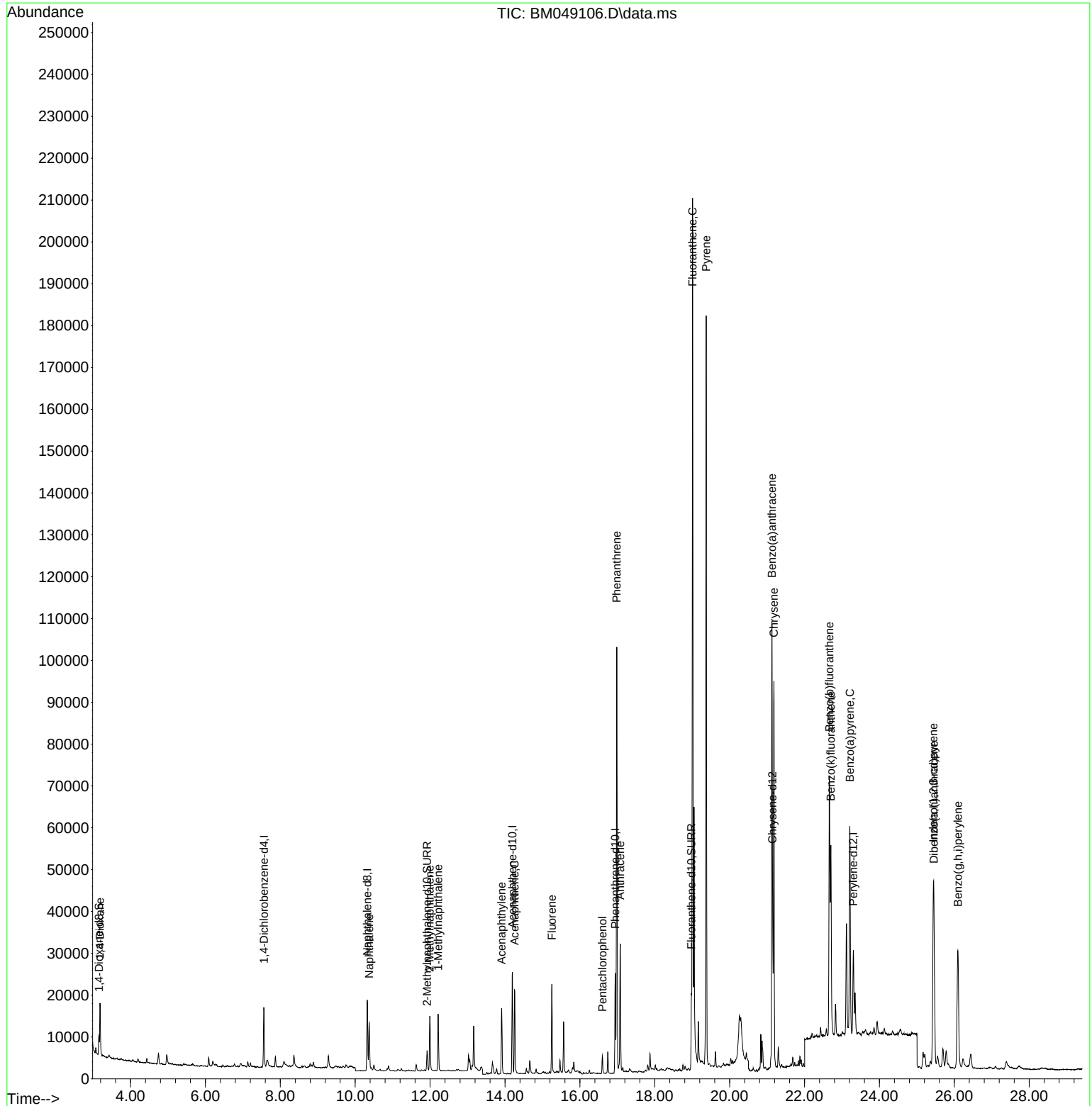
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049106.D
Acq On : 20 Dec 2024 18:37
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Misc :
ALS Vial : 6 Sample Multiplier: 1

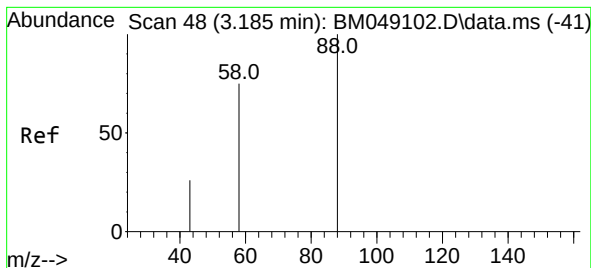
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD

Quant Time: Dec 20 22:10:44 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
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Supervised By :mohammad ahmed 12/24/2024





#2

1,4-Dioxane

Concen: 0.825 ng/ul

RT: 3.185 min Scan# 48

Delta R.T. -0.000 min

Lab File: BM049106.D

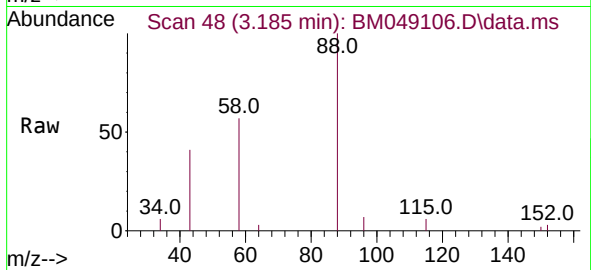
Acq: 20 Dec 2024 18:37

Instrument :

BNA_M

ClientSampleId :

E28Y9MSD



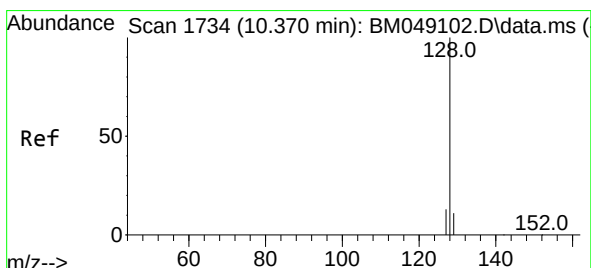
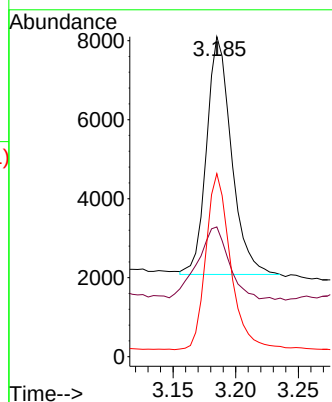
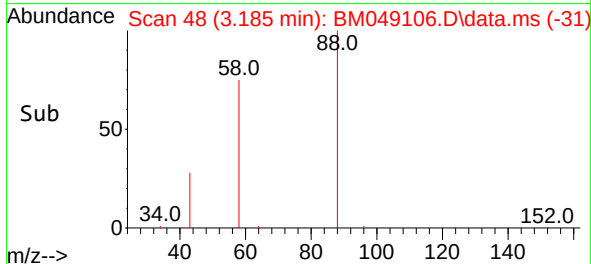
Tgt Ion: 88 Resp: 8298

Ion	Ratio	Lower	Upper
88	100		
43	40.6	45.4	68.2
58	57.2	43.6	65.4

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#5

Naphthalene

Concen: 0.242 ng/ul

RT: 10.370 min Scan# 1734

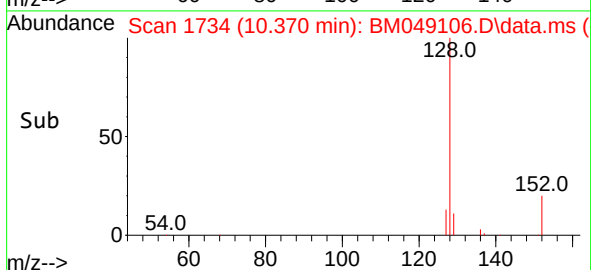
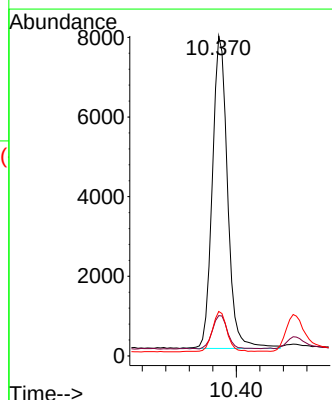
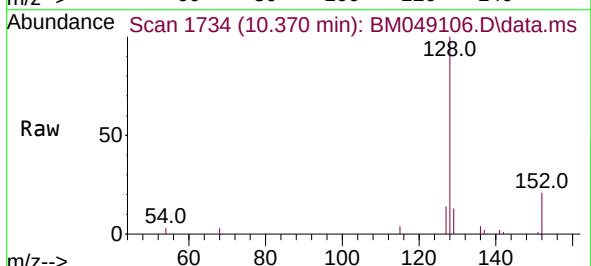
Delta R.T. -0.010 min

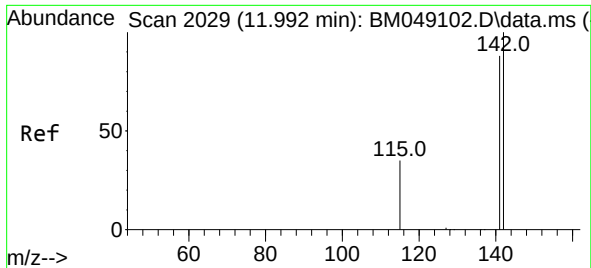
Lab File: BM049106.D

Acq: 20 Dec 2024 18:37

Tgt Ion:128 Resp: 14084

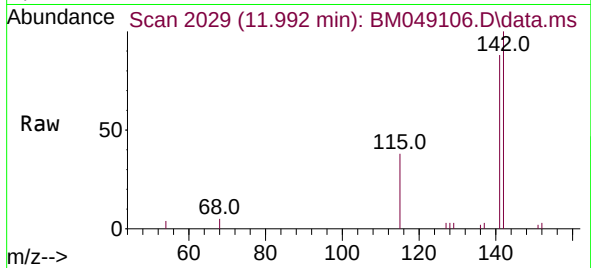
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.7	14.5
127	13.9	10.6	16.0





#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

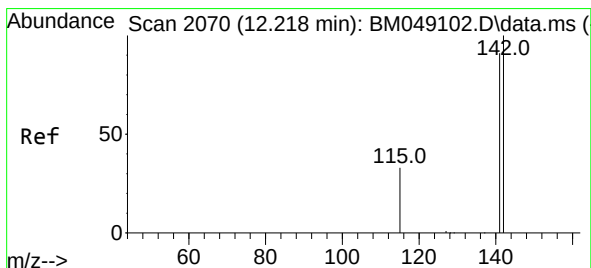
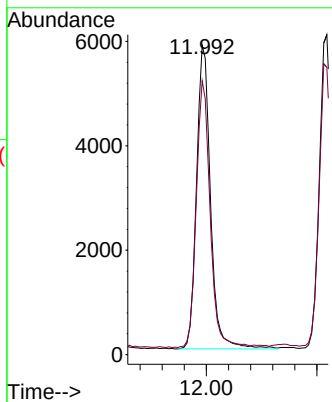
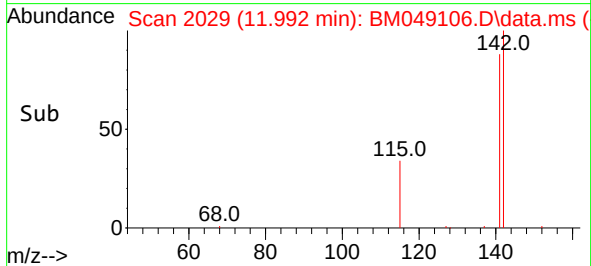
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



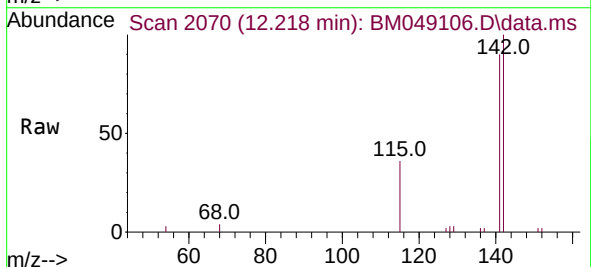
Tgt Ion:142 Resp: 10214
Ion Ratio Lower Upper
142 100
141 86.6 71.7 107.5

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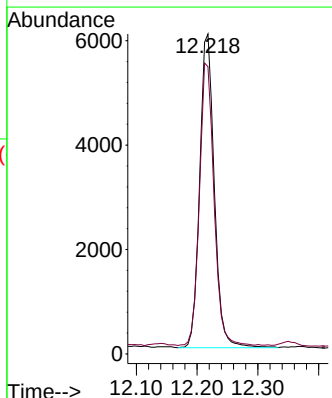
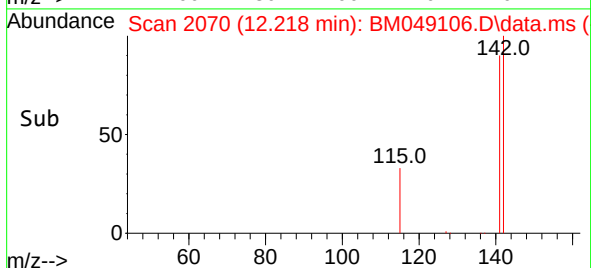
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

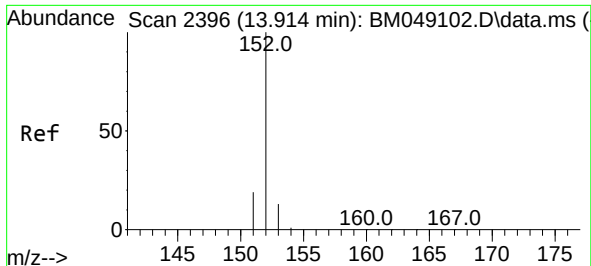


#8
1-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37



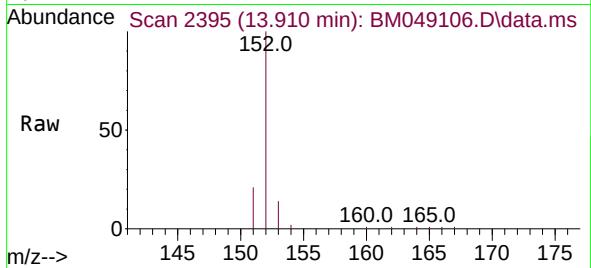
Tgt Ion:142 Resp: 10030
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1





#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.910 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

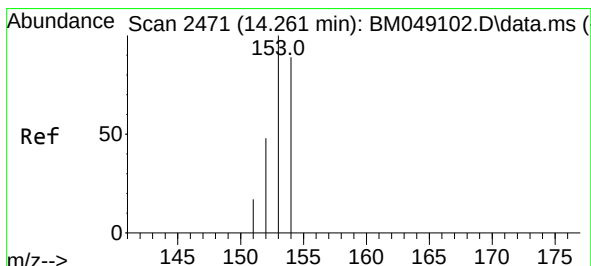
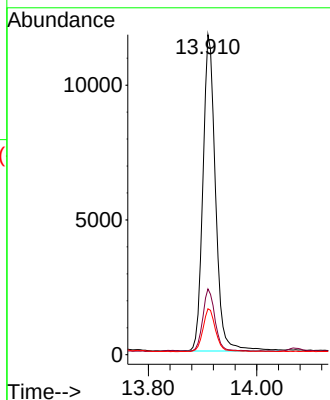
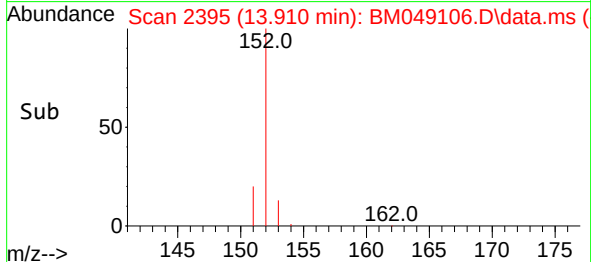
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:152 Resp: 18930
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.4 11.0 16.6

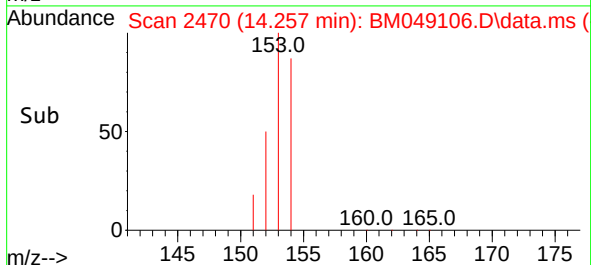
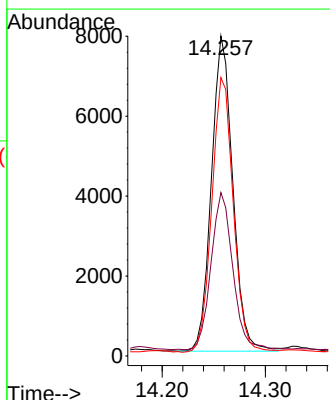
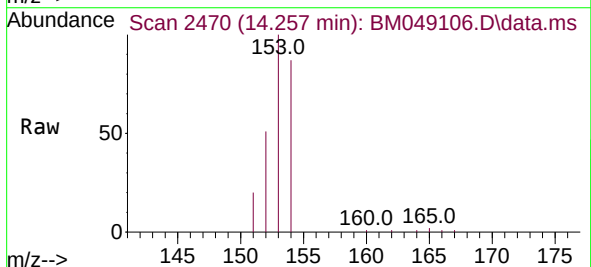
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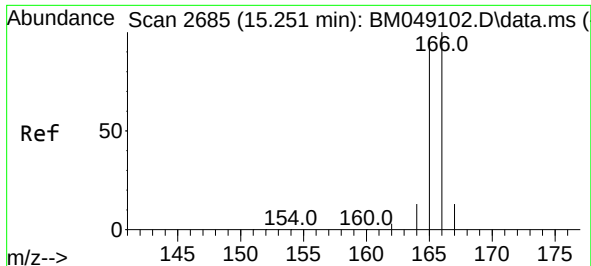
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

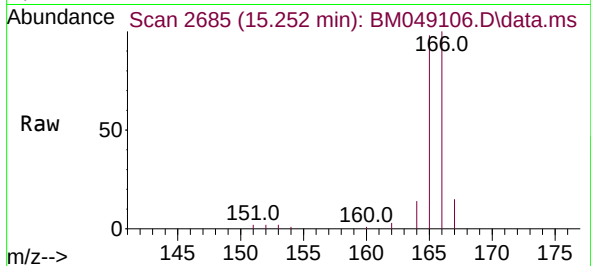
Tgt Ion:153 Resp: 11329
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 87.0 70.8 106.2





#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.252 min Scan# 20
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

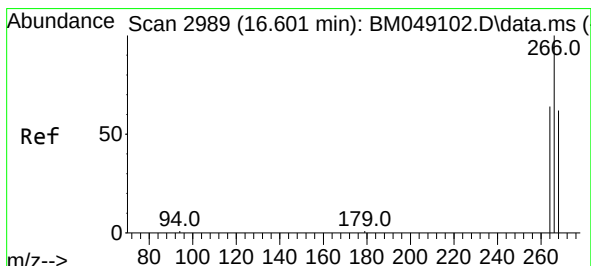
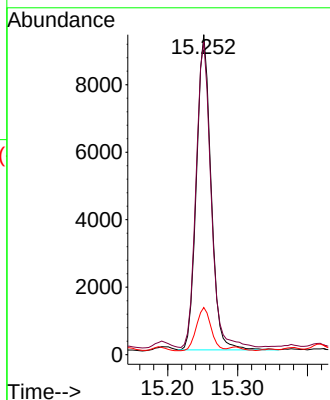
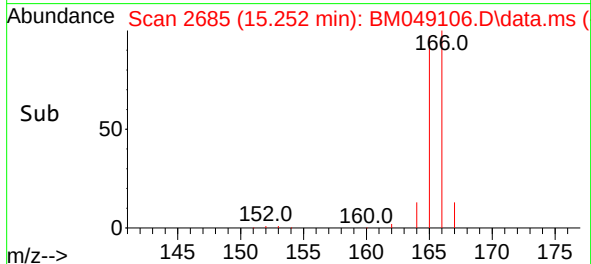
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:166 Resp: 1357
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 14.8 11.4 17.0

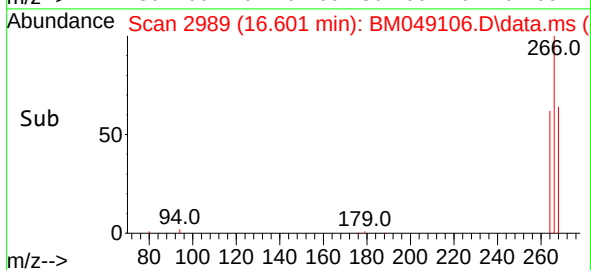
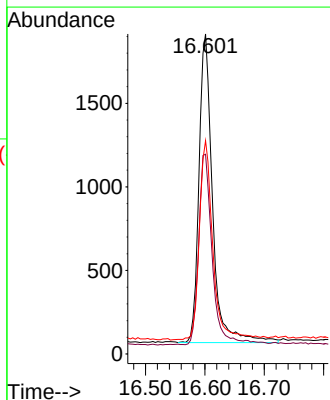
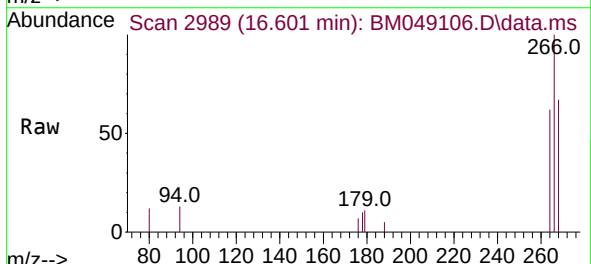
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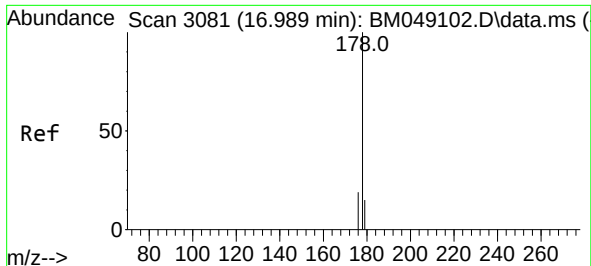
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#14
Pentachlorophenol
Concen: 0.374 ng/ul
RT: 16.601 min Scan# 2989
Delta R.T. -0.007 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

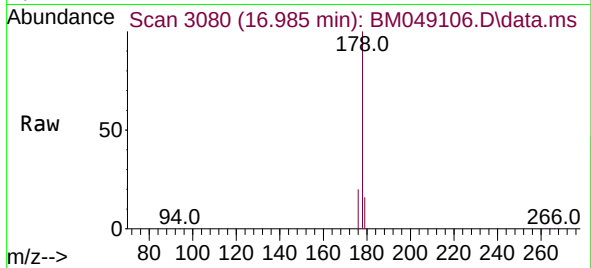
Tgt Ion:266 Resp: 2938
Ion Ratio Lower Upper
266 100
264 61.7 48.3 72.5
268 64.3 47.5 71.3





#15
Phenanthrene
Concen: 1.410 ng/u1
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

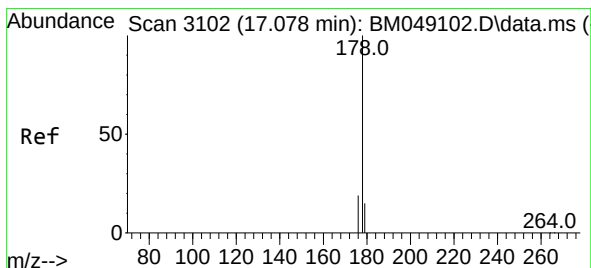
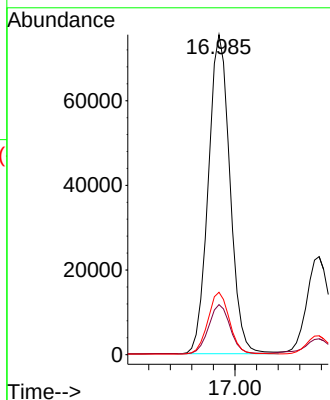
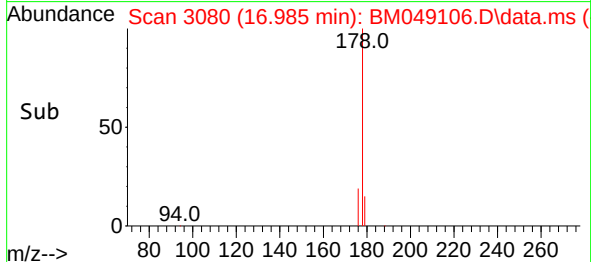
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:178 Resp: 10480
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.5 16.2 24.2

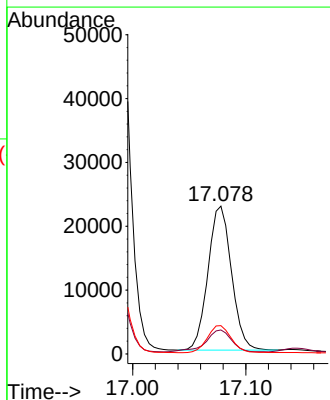
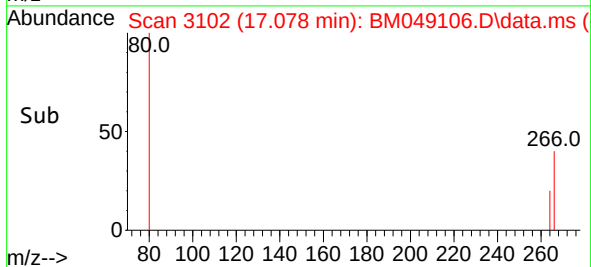
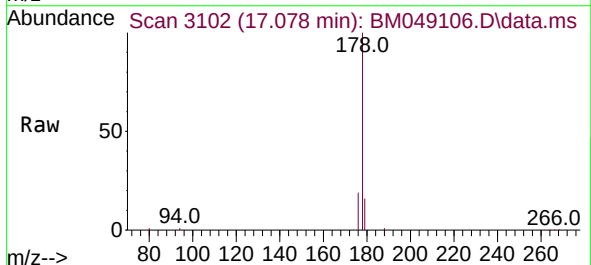
Manual Integrations
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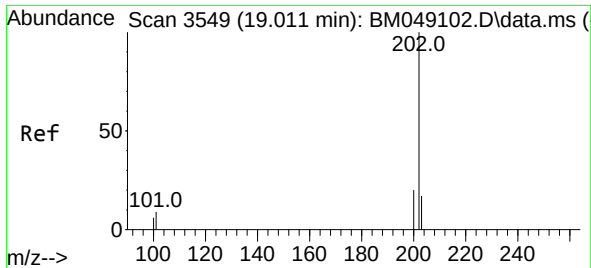
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.479 ng/u1
RT: 17.078 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

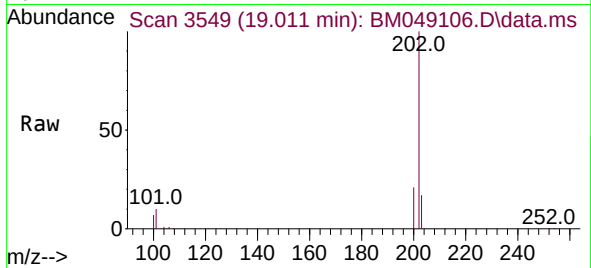
Tgt Ion:178 Resp: 32637
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 2.022 ng/u1
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

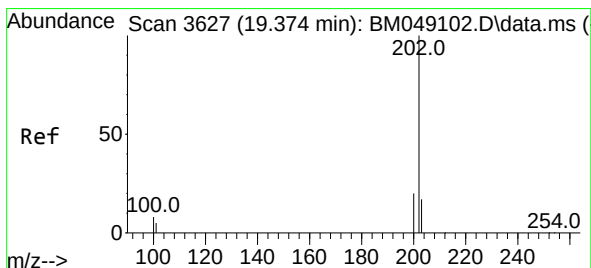
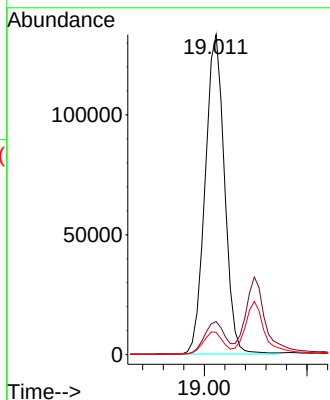
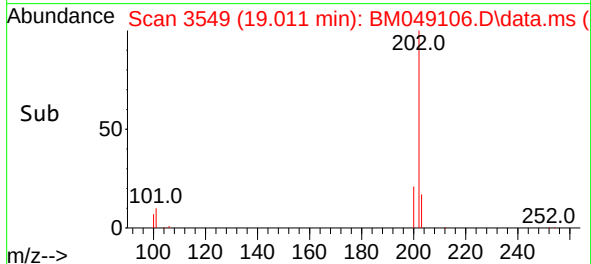
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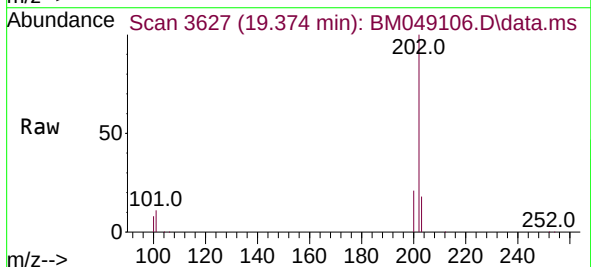
Tgt Ion:202 Resp: 173672
Ion Ratio Lower Upper
202 100
101 10.4 7.6 11.4
100 7.0 5.5 8.3

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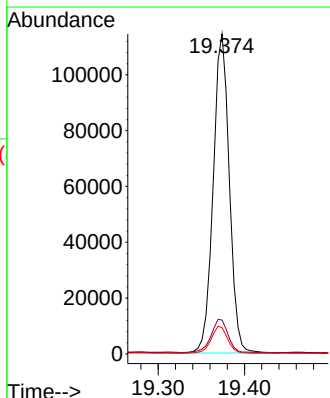
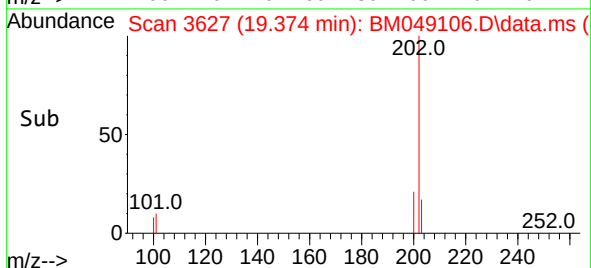
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

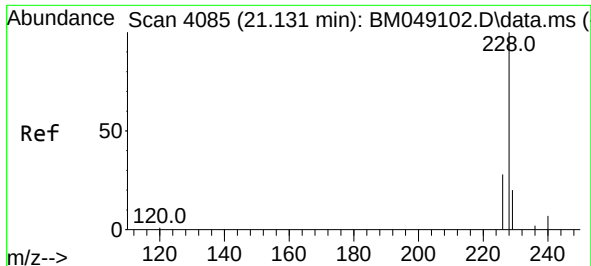


#20
Pyrene
Concen: 1.624 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37



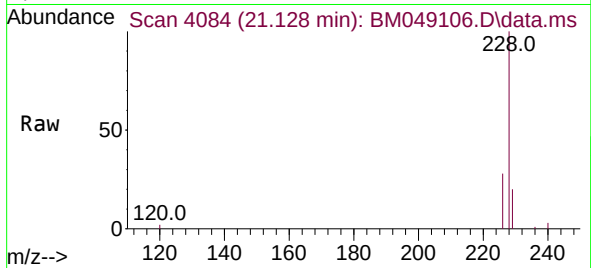
Tgt Ion:202 Resp: 148783
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.051 ng/ul
RT: 21.128 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

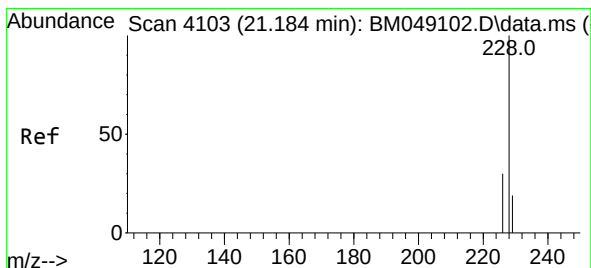
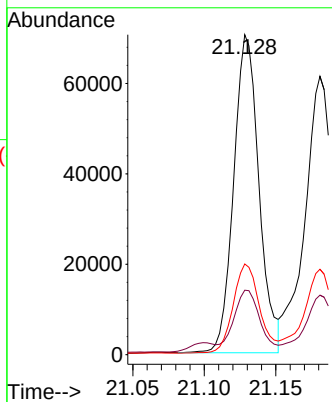
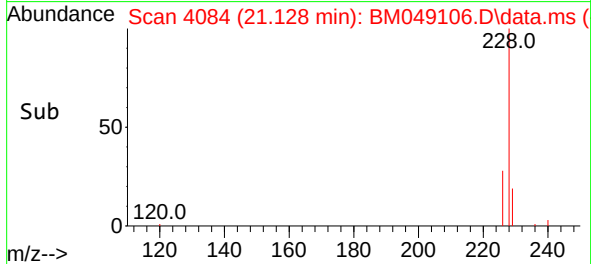
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:228 Resp: 86820
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 28.3 22.6 34.0

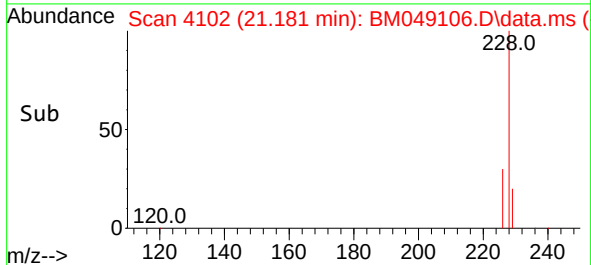
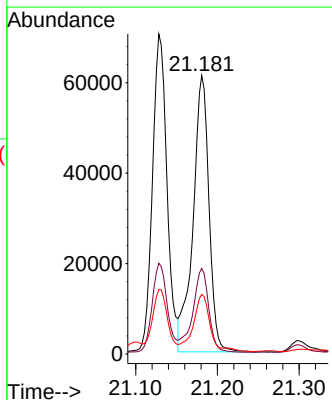
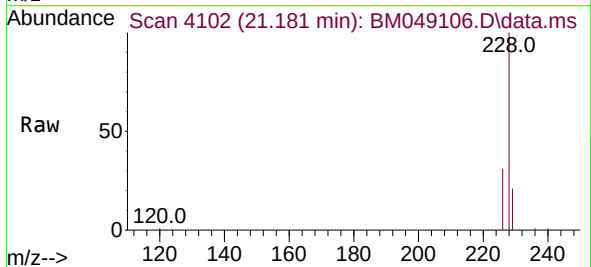
Manual Integrations
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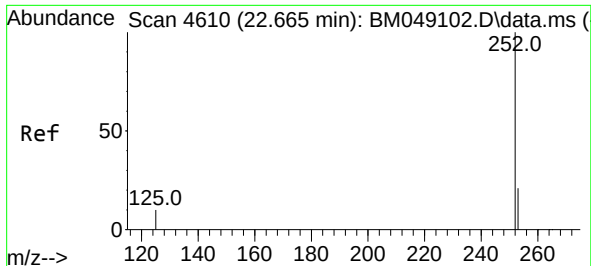
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.937 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

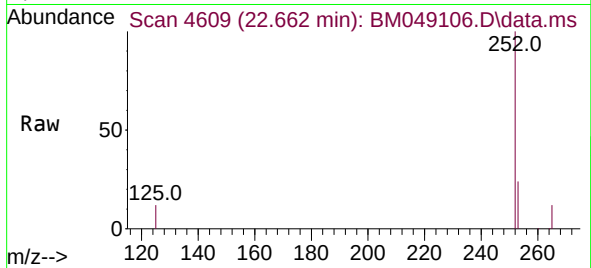
Tgt Ion:228 Resp: 83068
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.128 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

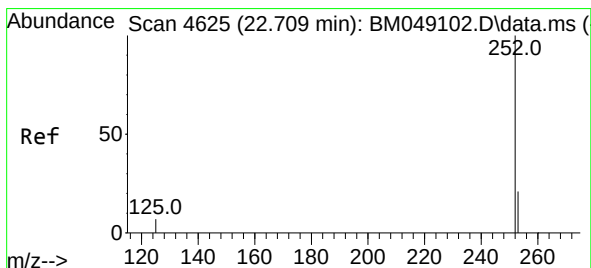
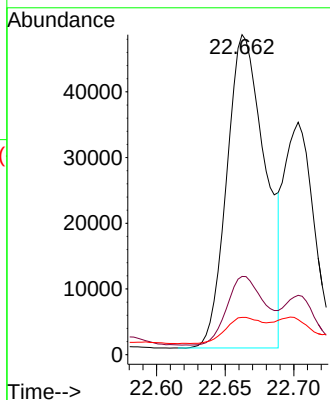
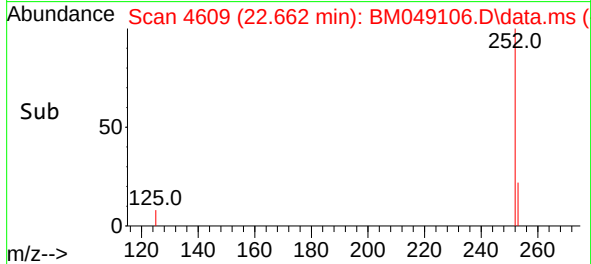
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:252 Resp: 92914
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.6
125 11.6 0.0 30.8

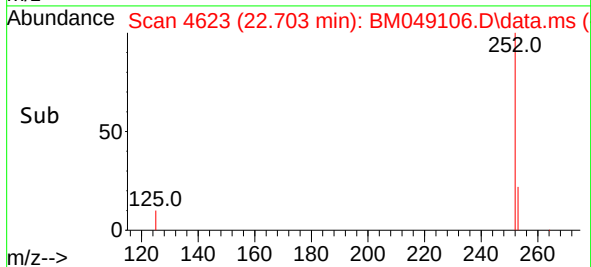
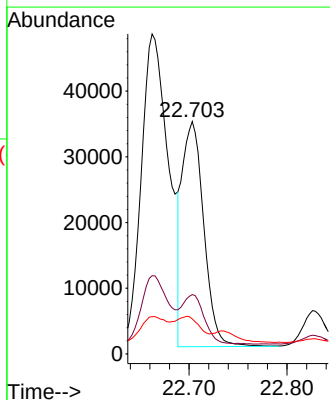
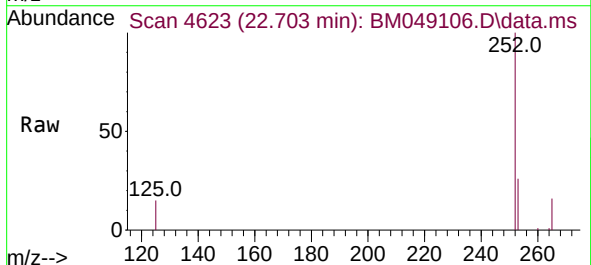
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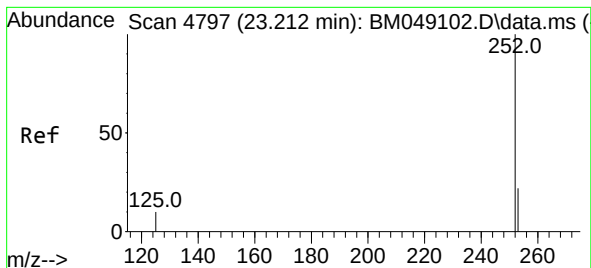
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.581 ng/ul
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

Tgt Ion:252 Resp: 52513
Ion Ratio Lower Upper
252 100
253 25.6 21.3 31.9
125 15.1 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.878 ng/ul m

RT: 23.209 min Scan# 4796

Delta R.T. -0.000 min

Lab File: BM049106.D

Acq: 20 Dec 2024 18:37

Instrument :

BNM

ClientSampleId :

E28Y9MSD

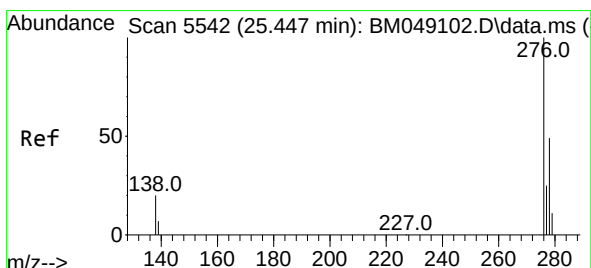
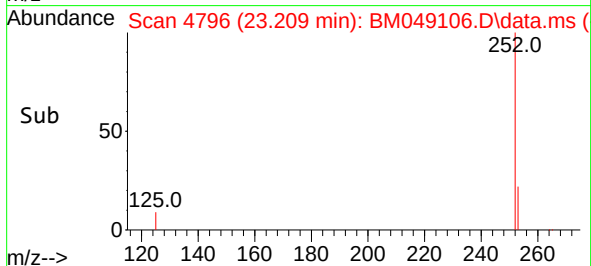
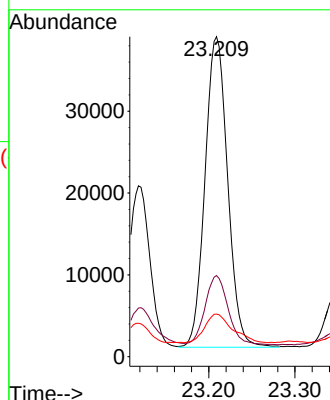
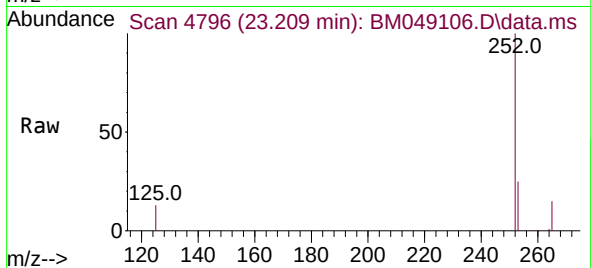
Tgt Ion:252 Resp: 69348

Ion	Ratio	Lower	Upper
252	100		
253	25.4	22.4	33.6
125	13.3	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: 0.578 ng/ul

RT: 25.440 min Scan# 5540

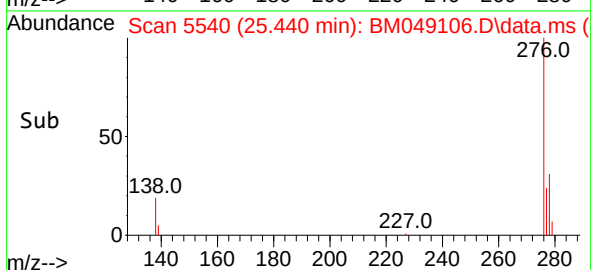
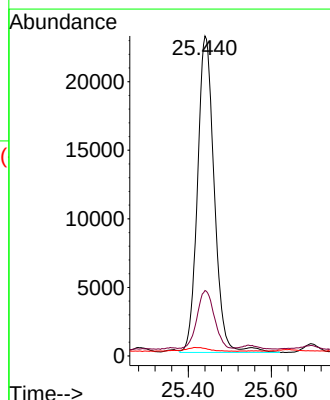
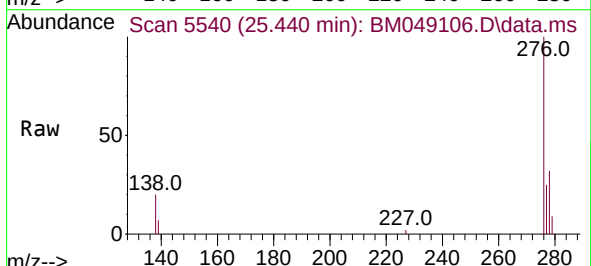
Delta R.T. -0.007 min

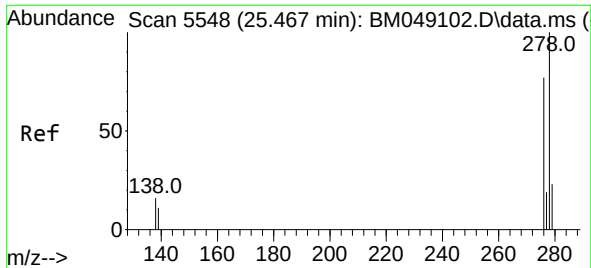
Lab File: BM049106.D

Acq: 20 Dec 2024 18:37

Tgt Ion:276 Resp: 64631

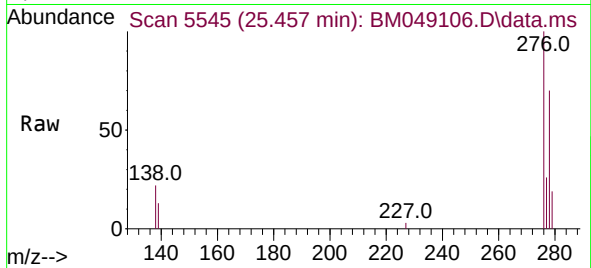
Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.4	26.2
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

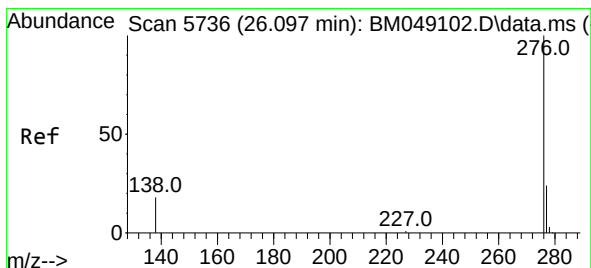
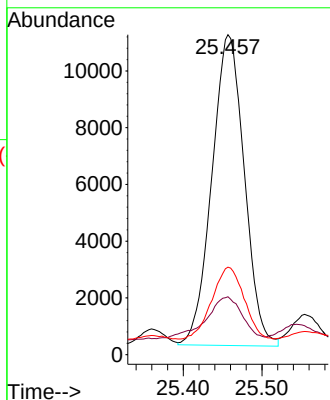
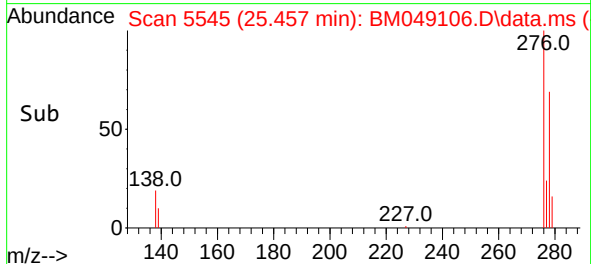
Instrument :
BNA_M
ClientSampleId :
E28Y9MSD



Tgt Ion:278 Resp: 3140
Ion Ratio Lower Upper
278 100
139 18.1 13.5 20.3
279 27.4 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.637 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.000 min
Lab File: BM049106.D
Acq: 20 Dec 2024 18:37

Tgt Ion:276 Resp: 57299
Ion Ratio Lower Upper
276 100
138 20.7 16.7 25.1
277 24.6 19.9 29.9

