

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049098.D
 Acq On : 20 Dec 2024 13:15
 Operator : RC/JU
 Sample : P5265-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z2

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 14:05:29 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	6346	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	19634	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.195	164	10852	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24150m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	18849m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	18570m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	30299	4.140	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	7906	0.300	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	13864	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	8382	0.171	ng/ul	97
7) 2-Methylnaphthalene	11.996	142	7199	0.231	ng/ul	99
8) 1-Methylnaphthalene	12.216	142	4771	0.150	ng/ul	100
10) Acenaphthylene	13.913	152	13382	0.298	ng/ul	98
11) Acenaphthene	14.260	153	3020	0.092	ng/ul	97
12) Fluorene	15.250	166	4620	0.125	ng/ul#	96
15) Phenanthrene	16.984	178	118436m	1.878	ng/ul	
16) Anthracene	17.076	178	26957m	0.466	ng/ul	
19) Fluoranthene	19.010	202	277092	4.066	ng/ul	99
20) Pyrene	19.372	202	232284	3.196	ng/ul	99
21) Benzo(a)anthracene	21.129	228	103003m	1.571	ng/ul	
22) Chrysene	21.181	228	122316	1.738	ng/ul	98
24) Benzo(b)fluoranthene	22.663	252	176682m	2.978	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	57560m	0.884	ng/ul	
26) Benzo(a)pyrene	23.209	252	103983m	1.828	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	99066	1.230	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.450	278	19761	0.316	ng/ul#	94
29) Benzo(g,h,i)perylene	26.094	276	111160	1.717	ng/ul	98

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

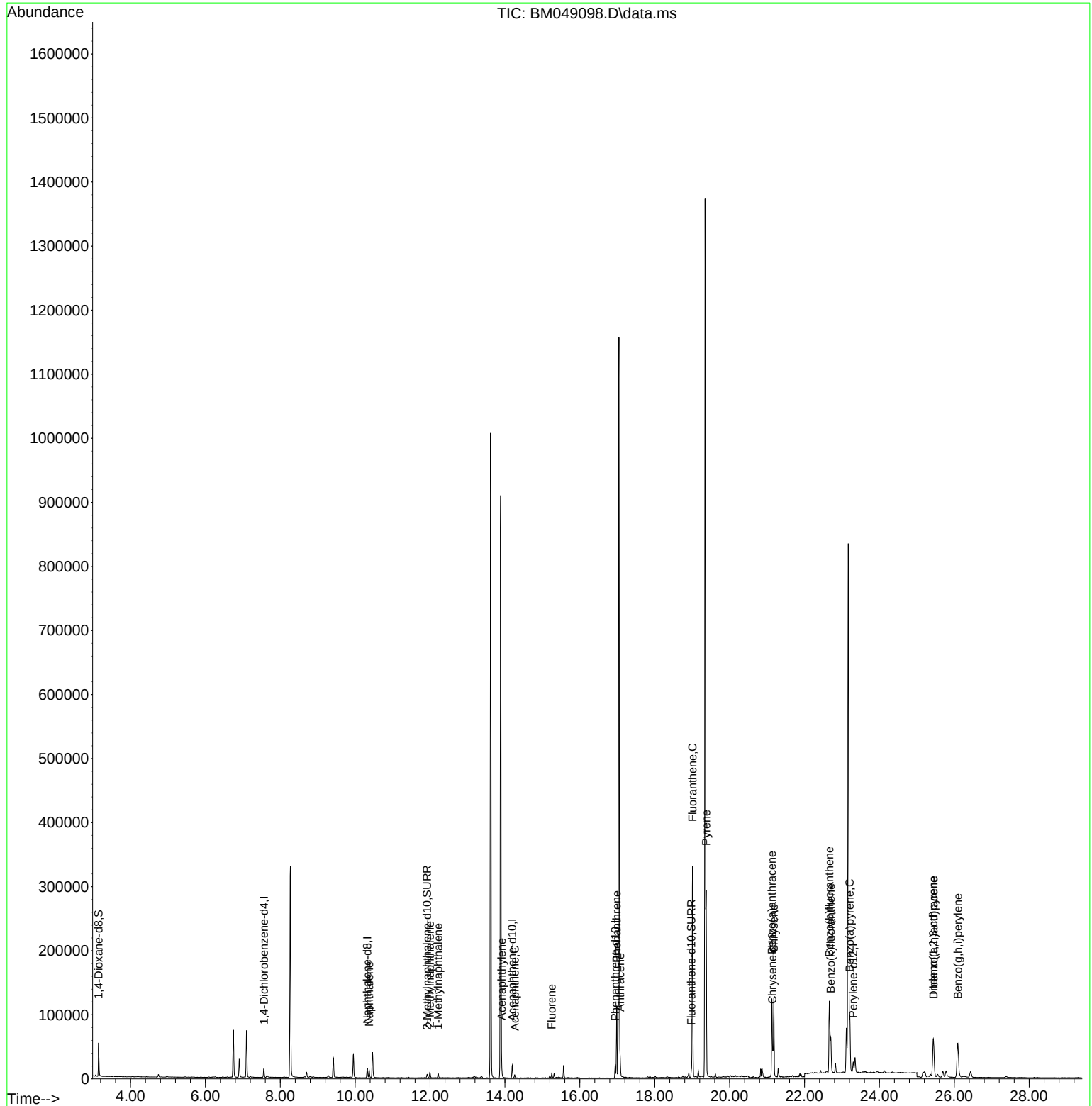
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049098.D
Acq On : 20 Dec 2024 13:15
Operator : RC/JU
Sample : P5265-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

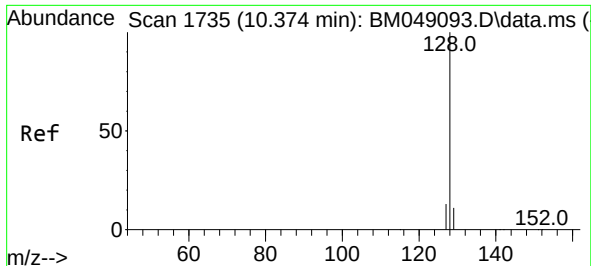
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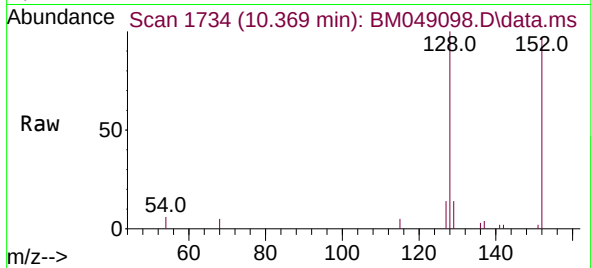
Quant Time: Dec 20 14:05:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.369 min Scan# 1735
Delta R.T. -0.011 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

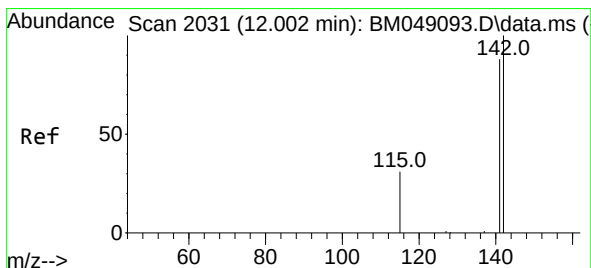
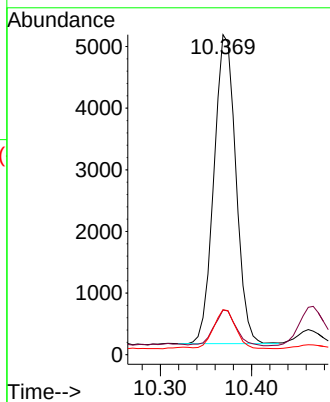
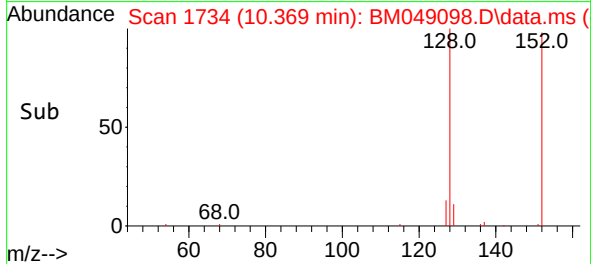
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:128 Resp: 838
Ion Ratio Lower Upper
128 100
129 13.9 9.7 14.5
127 14.1 10.6 16.0

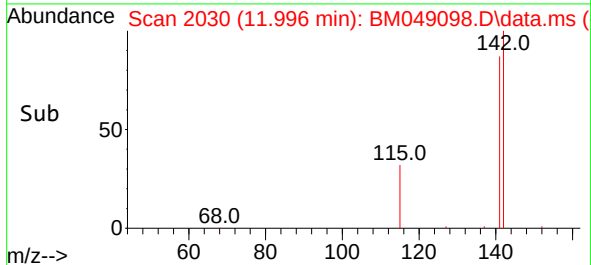
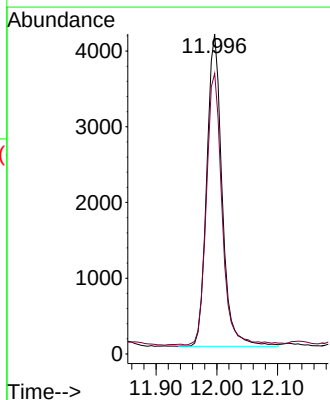
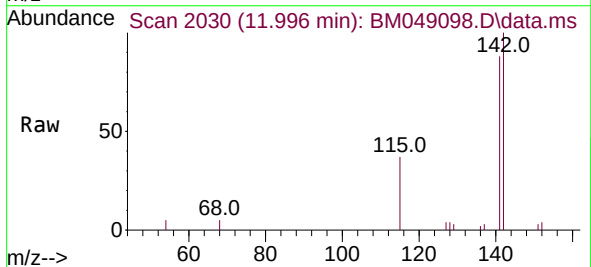
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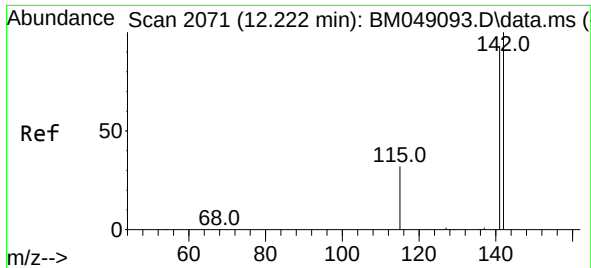
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 11.996 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

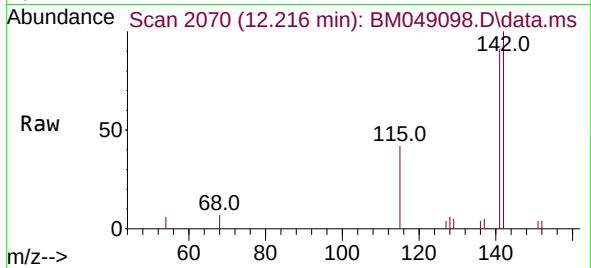
Tgt Ion:142 Resp: 7199
Ion Ratio Lower Upper
142 100
141 89.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.216 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

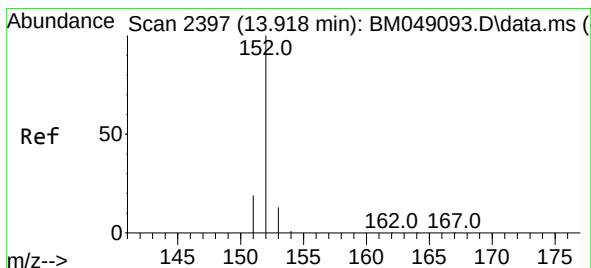
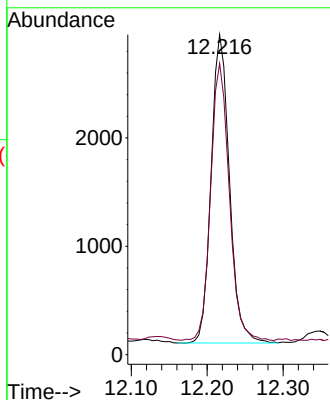
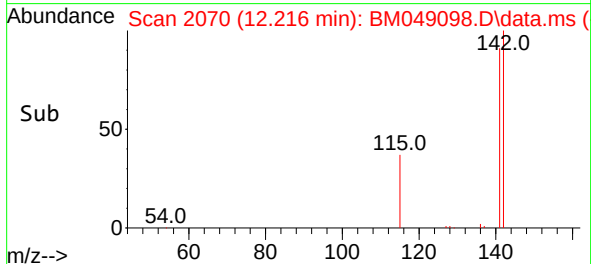
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:142 Resp: 477
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1

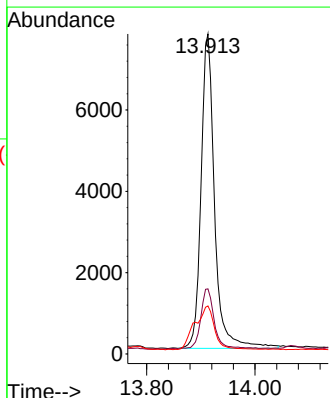
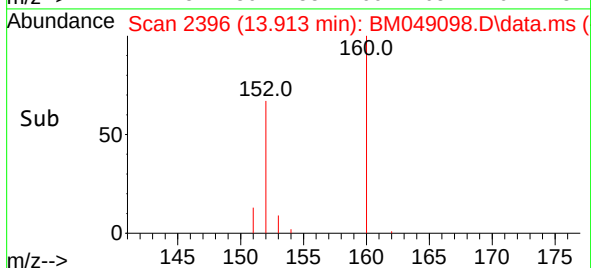
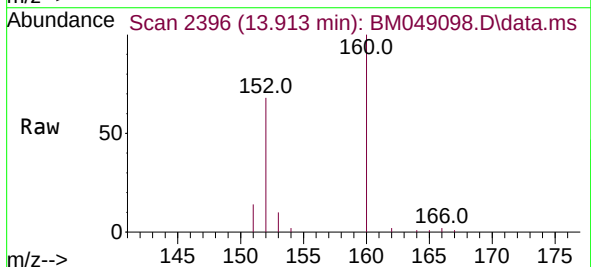
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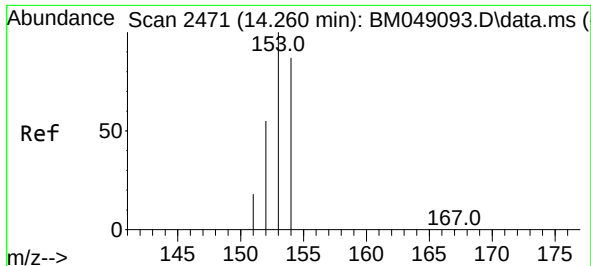
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 13.913 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

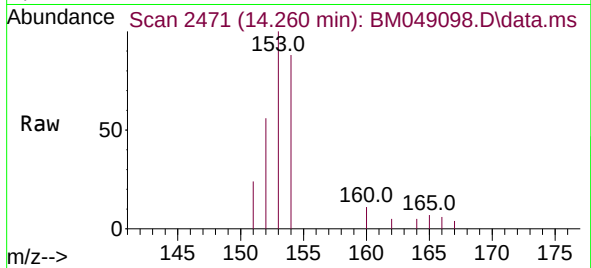
Tgt Ion:152 Resp: 13382
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 15.0 11.0 16.6





#11
Acenaphthene
Concen: 0.092 ng/u1
RT: 14.260 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

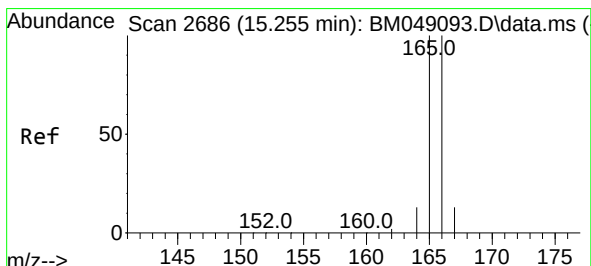
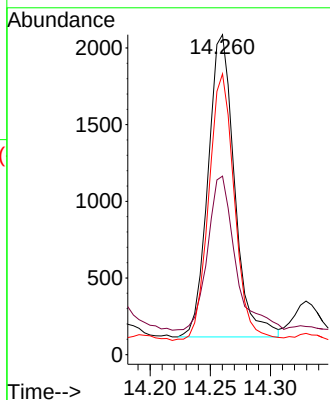
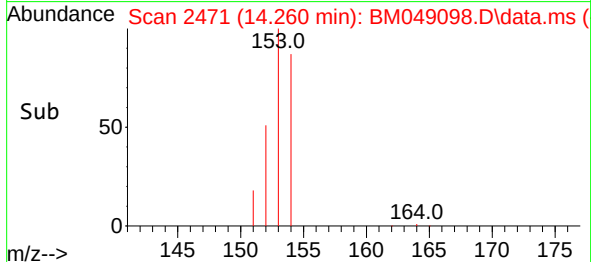
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:153 Resp: 3020
Ion Ratio Lower Upper
153 100
152 55.8 40.7 61.1
154 87.7 70.8 106.2

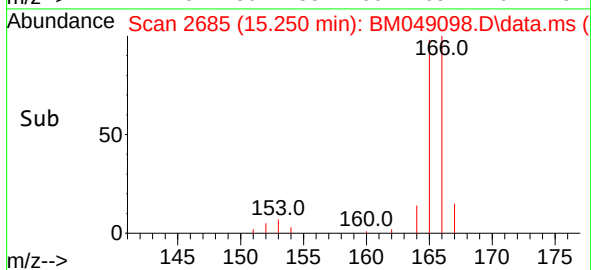
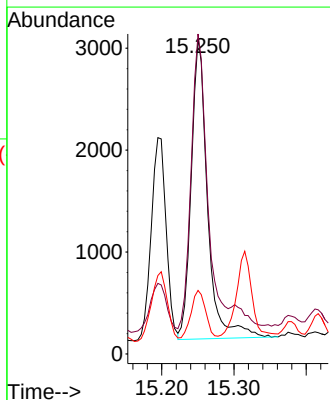
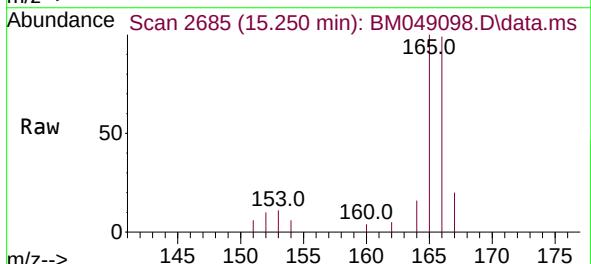
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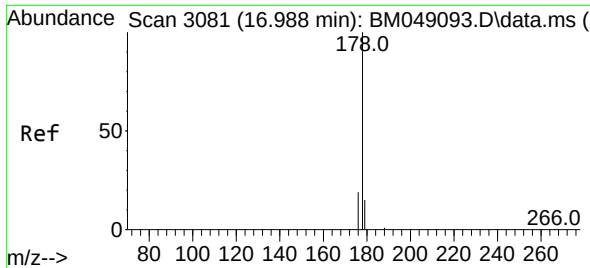
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.125 ng/u1
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

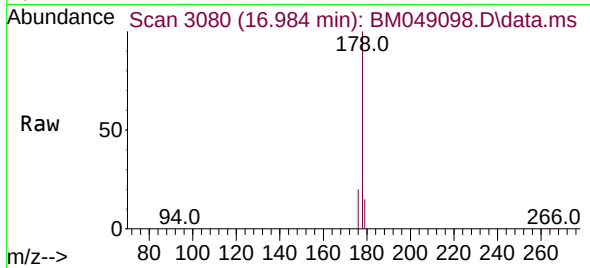
Tgt Ion:166 Resp: 4620
Ion Ratio Lower Upper
166 100
165 101.5 79.7 119.5
167 20.2 11.4 17.0#





#15
Phenanthrene
Concen: 1.878 ng/ul m
RT: 16.984 min Scan# 3081
Delta R.T. -0.009 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

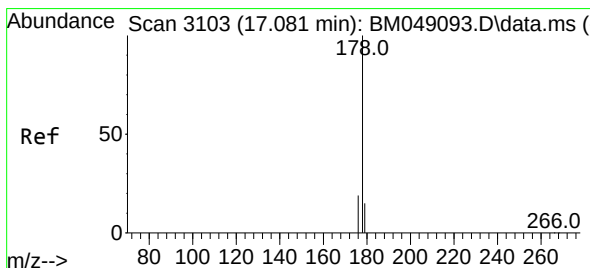
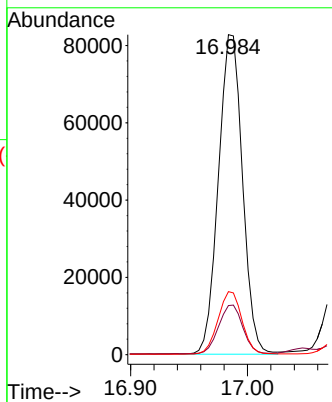
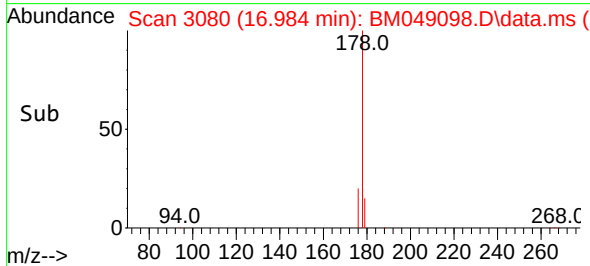
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:178 Resp: 118436
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.7 16.2 24.2

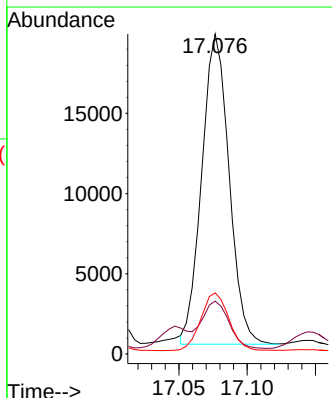
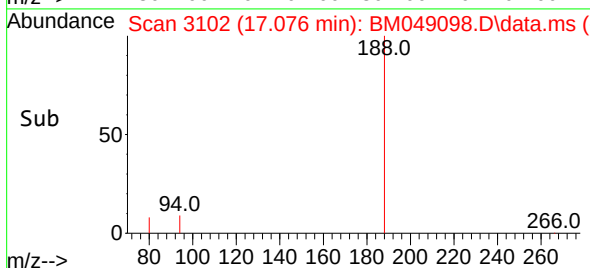
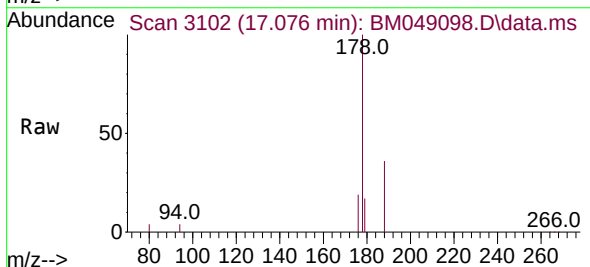
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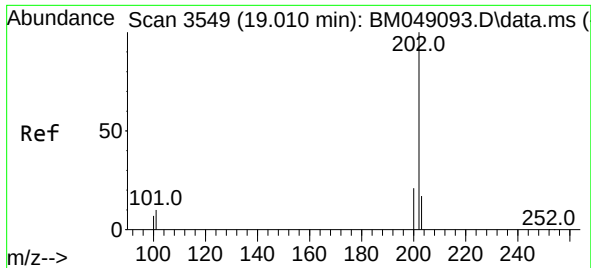
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.466 ng/ul m
RT: 17.076 min Scan# 3102
Delta R.T. -0.009 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

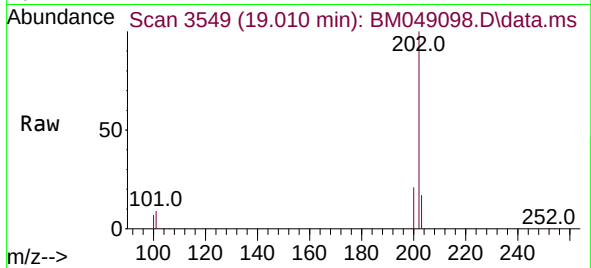
Tgt Ion:178 Resp: 26957
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 4.066 ng/u1
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

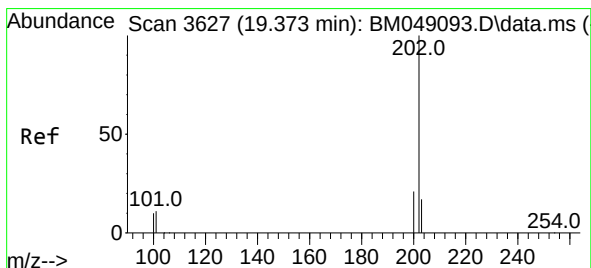
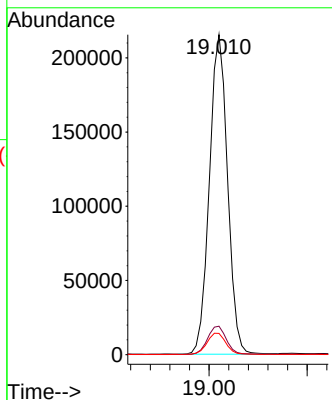
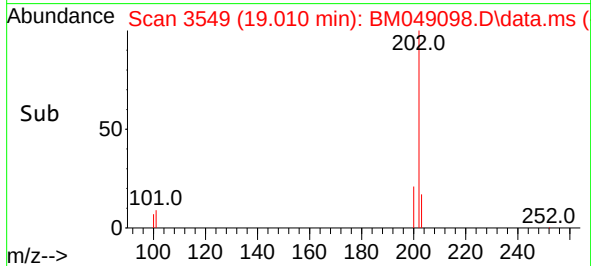
Instrument :
BNA_M
ClientSampleId :
E28Z2



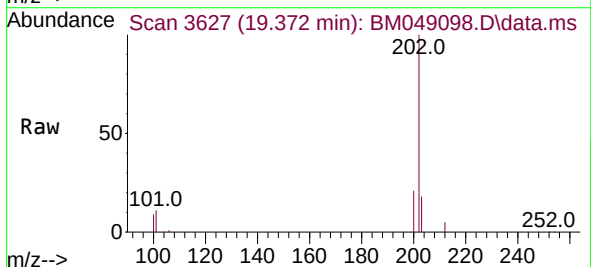
Tgt Ion:202 Resp: 277092
Ion Ratio Lower Upper
202 100
101 8.9 7.6 11.4
100 6.7 5.5 8.3

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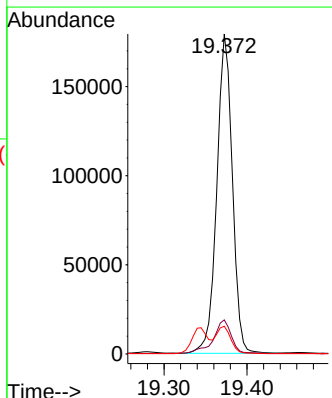
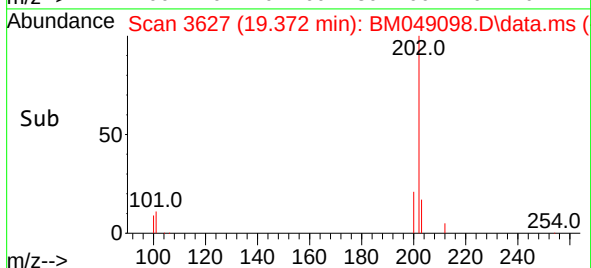
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Supervised By :mohammad ahmed 12/24/2024

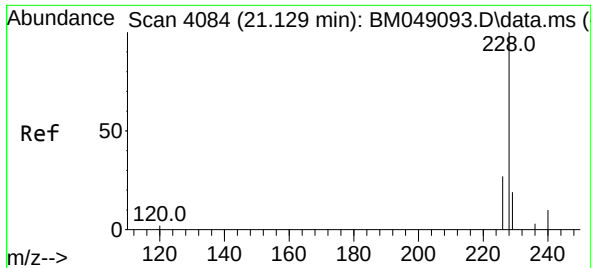


#20
Pyrene
Concen: 3.196 ng/u1
RT: 19.372 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15



Tgt Ion:202 Resp: 232284
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.7 6.9 10.3





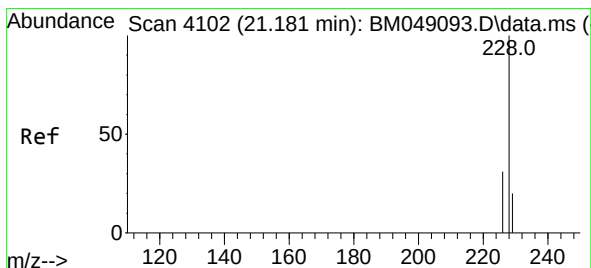
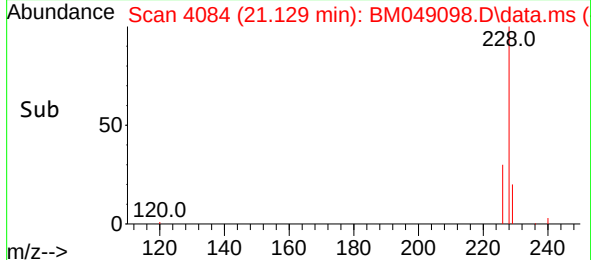
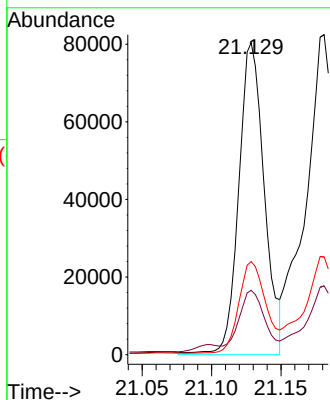
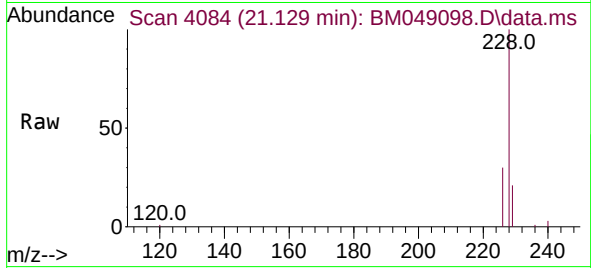
#21
Benzo(a)anthracene
Concen: 1.571 ng/ul m
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

Instrument :
BNA_M
ClientSampleId :
E28Z2

Tgt Ion:228 Resp: 103000
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 29.9 22.6 34.0

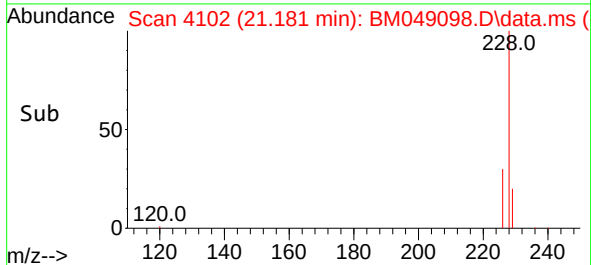
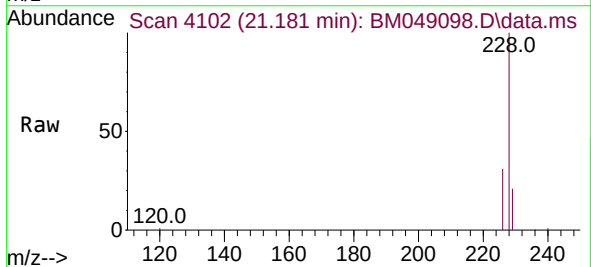
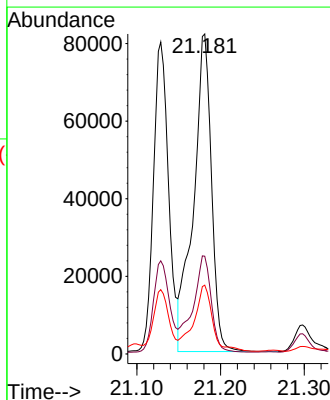
Manual Integrations
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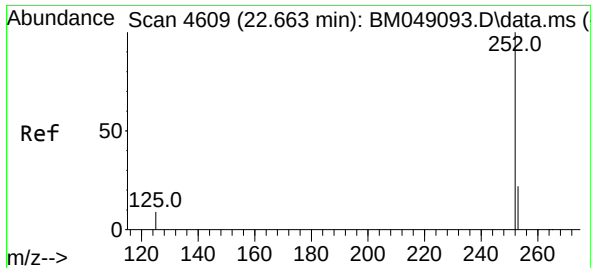
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.738 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

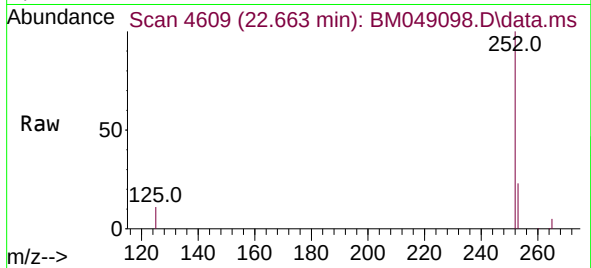
Tgt Ion:228 Resp: 122316
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 21.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.978 ng/ul m
RT: 22.663 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

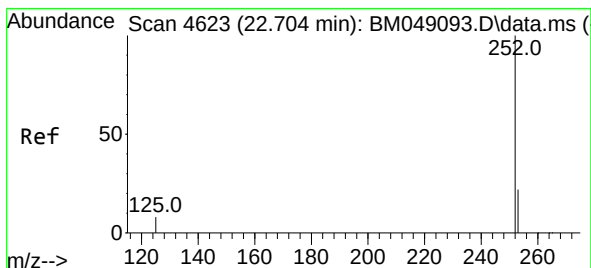
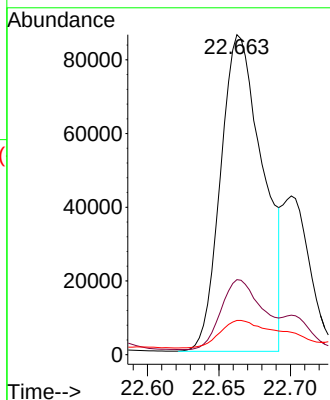
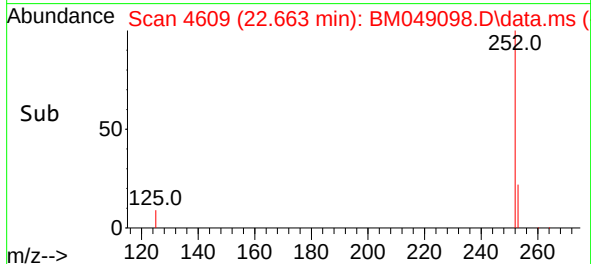
Instrument :
BNA_M
ClientSampleId :
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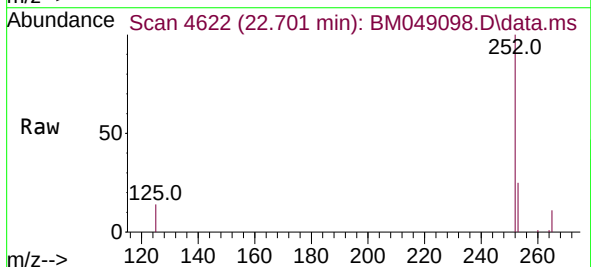
Tgt Ion:252 Resp: 17668
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.6
125 10.7 0.0 30.8

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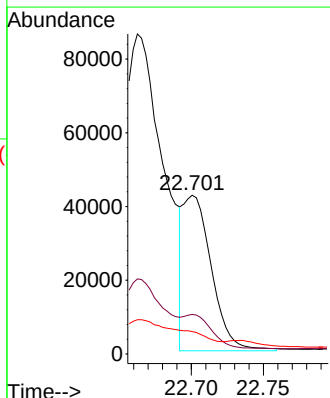
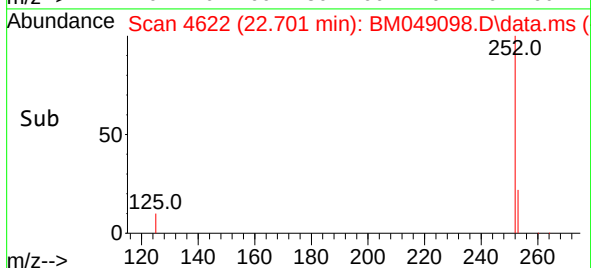
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

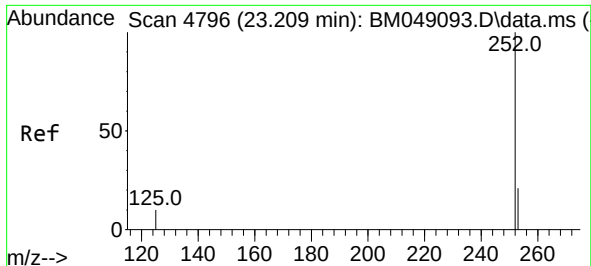


#25
Benzo(k)fluoranthene
Concen: 0.884 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15



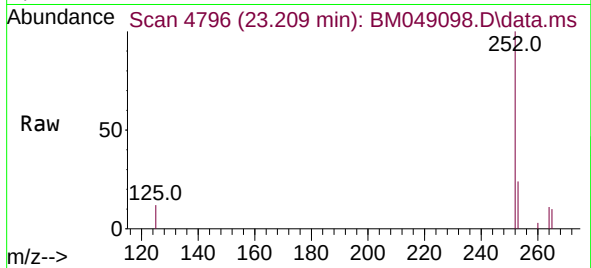
Tgt Ion:252 Resp: 57560
Ion Ratio Lower Upper
252 100
253 24.9 21.3 31.9
125 14.1 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.828 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

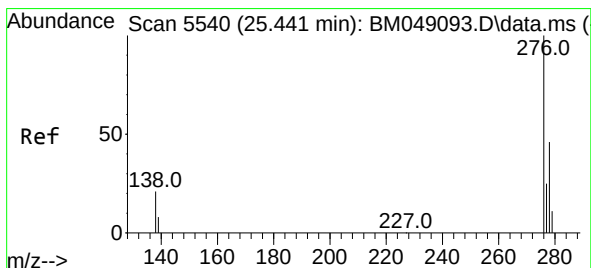
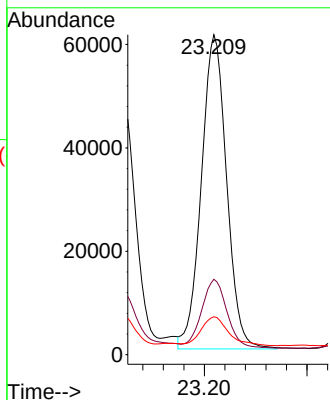
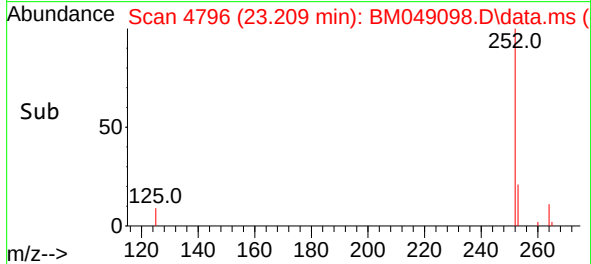
Instrument :
BNA_M
ClientSampleId :
E28Z2



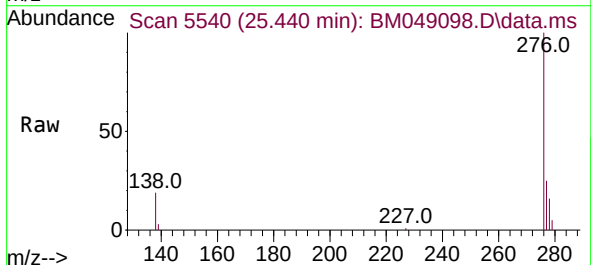
Tgt Ion:252 Resp: 10398
Ion Ratio Lower Upper
252 100
253 23.6 22.4 33.6
125 11.9 14.8 22.2

Manual Integrations
APPROVED

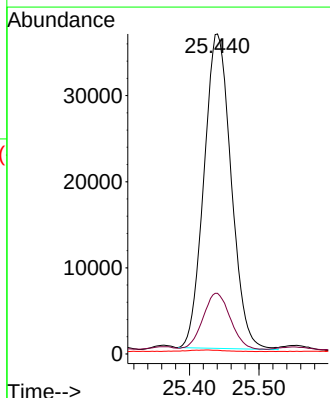
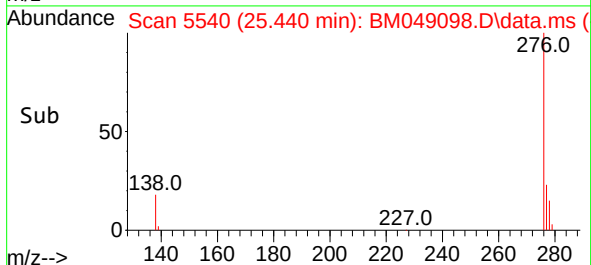
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

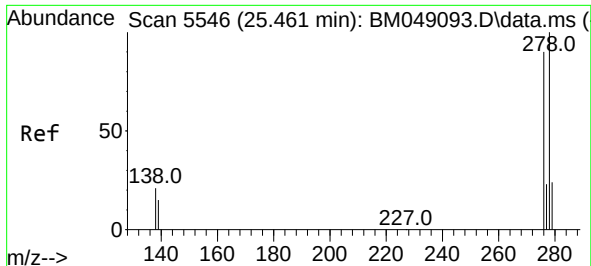


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.230 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15



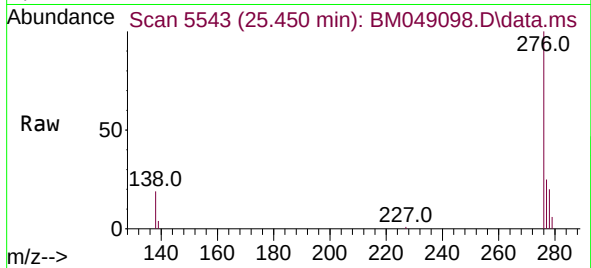
Tgt Ion:276 Resp: 99066
Ion Ratio Lower Upper
276 100
138 18.2 17.4 26.2
227 0.6 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

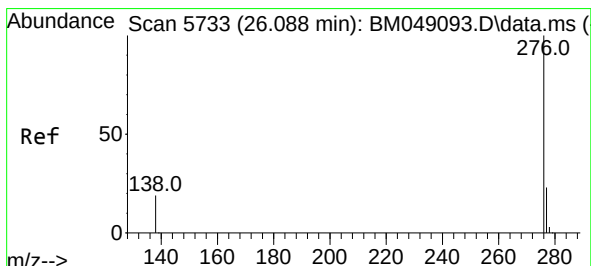
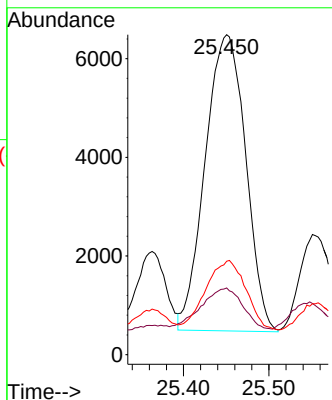
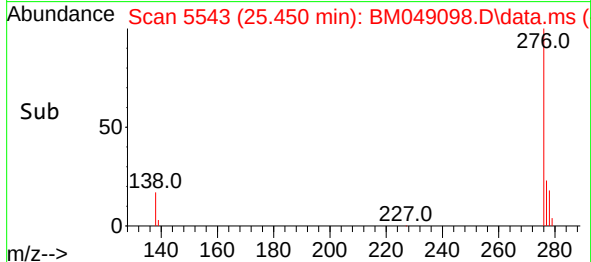
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:278 Resp: 1976
Ion Ratio Lower Upper
278 100
139 20.8 13.5 20.3
279 29.2 21.5 32.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.717 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.000 min
Lab File: BM049098.D
Acq: 20 Dec 2024 13:15

Tgt Ion:276 Resp: 111160
Ion Ratio Lower Upper
276 100
138 19.3 16.7 25.1
277 24.1 19.9 29.9

