

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040256.D
 Acq On : 15 Jun 2023 13:06
 Operator : MA/JU
 Sample : 03088-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 23:42:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9754	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	30423	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	23728	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	24242	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	19332	1.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4145	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	7074	0.120	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.833	128	3981	0.051	ng/ul#	92
7) 2-Methylnaphthalene	12.439	142	2349	0.048	ng/ul	96
8) 1-Methylnaphthalene	12.659	142	1712	0.034	ng/ul	96
10) Acenaphthylene	14.327	152	4242	0.073	ng/ul#	89
11) Acenaphthene	14.670	153	1596	0.032	ng/ul	95
12) Fluorene	15.655	166	1261	0.023	ng/ul#	89
15) Phenanthrene	17.391	178	33564	0.420	ng/ul	100
16) Anthracene	17.484	178	6310	0.093	ng/ul#	92
19) Fluoranthene	19.403	202	133790	1.655	ng/ul	99
20) Pyrene	19.765	202	110146	1.312	ng/ul	99
21) Benzo(a)anthracene	21.512	228	70228	1.003	ng/ul	98
22) Chrysene	21.565	228	83225	1.125	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	148337	1.660	ng/ul	97
25) Benzo(k)fluoranthene	23.257	252	50412m	0.599	ng/ul	
26) Benzo(a)pyrene	23.844	252	59168	0.807	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.464	276	64900	0.699	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.477	278	18503	0.248	ng/ul#	89
29) Benzo(g,h,i)perylene	27.246	276	5982	0.077	ng/ul#	68

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

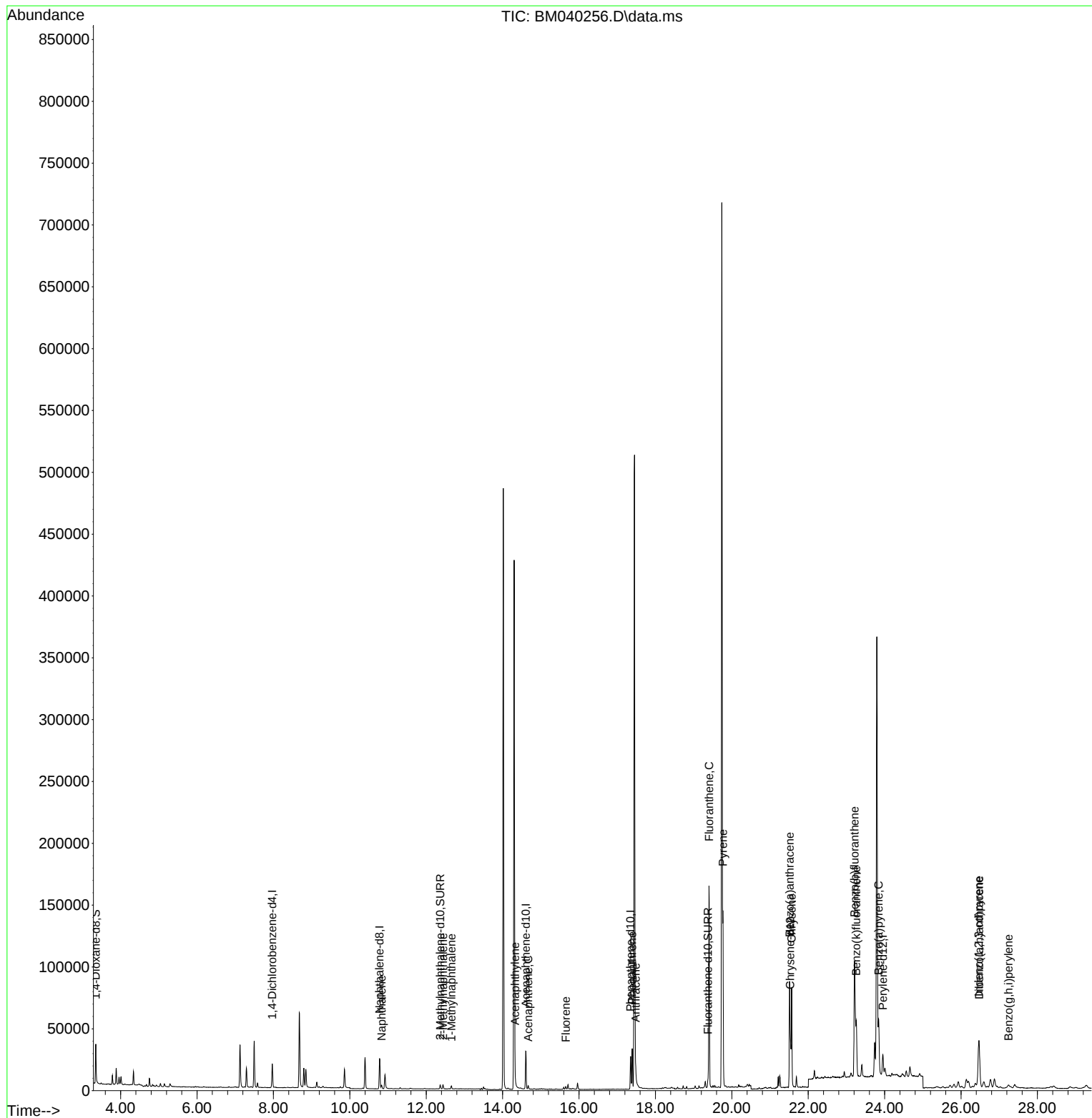
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040256.D
Acq On : 15 Jun 2023 13:06
Operator : MA/JU
Sample : 03088-01
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ALS Vial : 6 Sample Multiplier: 1

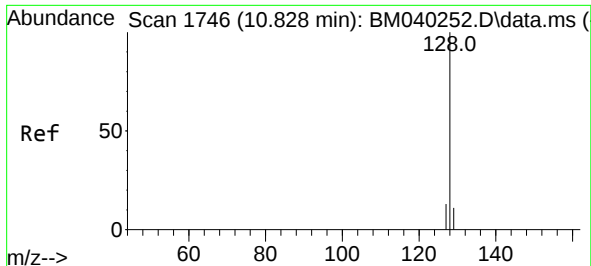
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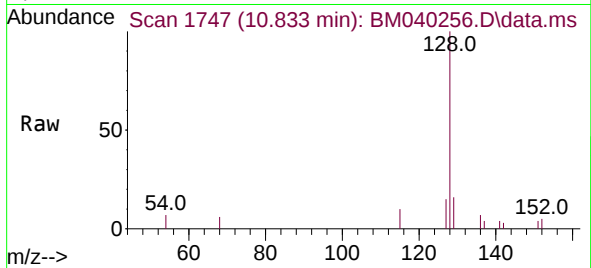
Quant Time: Jun 15 23:42:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

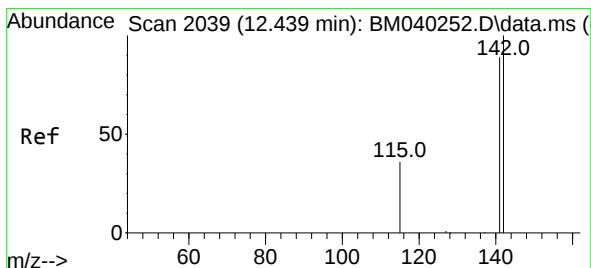
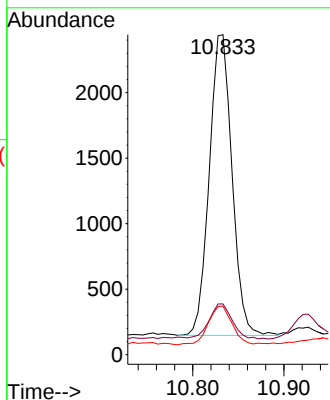
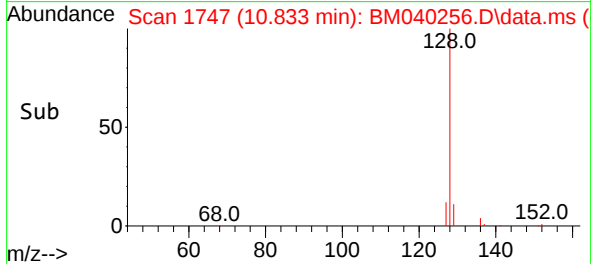
Instrument :
BNA_M
ClientSampleId :
DCFQ9



Tgt Ion:128 Resp: 398
Ion Ratio Lower Upper
128 100
129 15.8 9.1 13.7
127 15.2 10.4 15.6

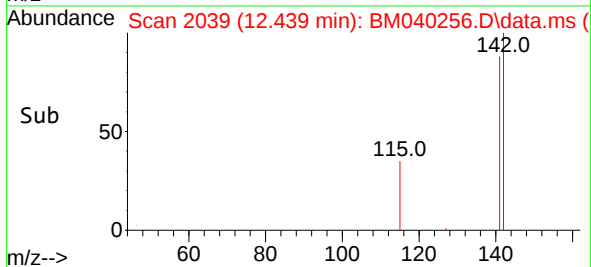
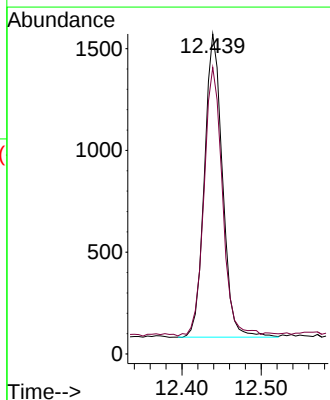
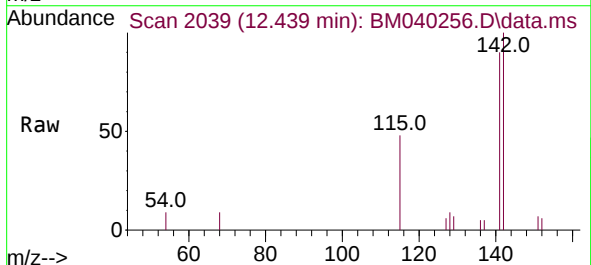
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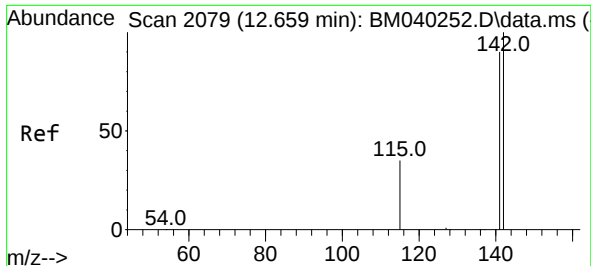
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

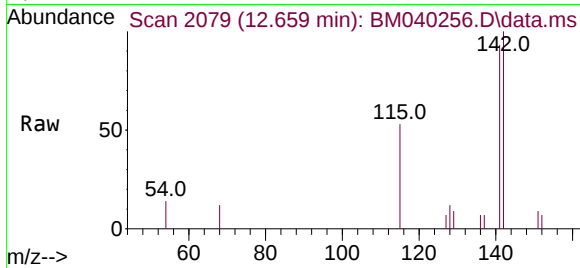
Tgt Ion:142 Resp: 2349
Ion Ratio Lower Upper
142 100
141 91.8 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

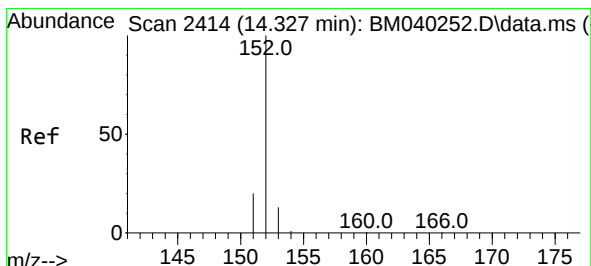
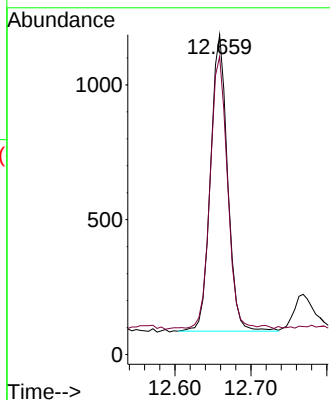
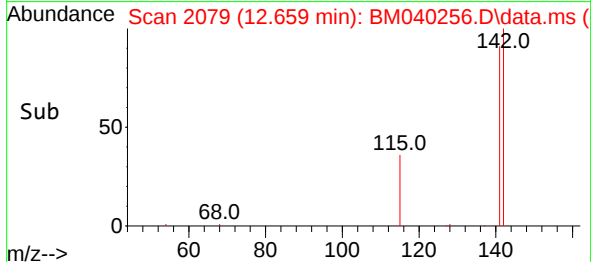
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1712
Ion Ratio Lower Upper
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141 95.2 73.0 109.4

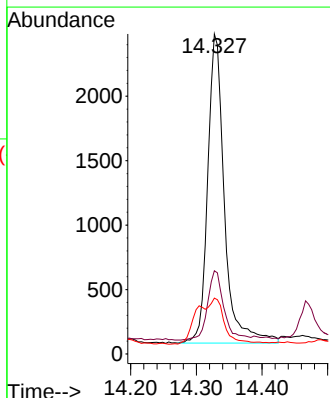
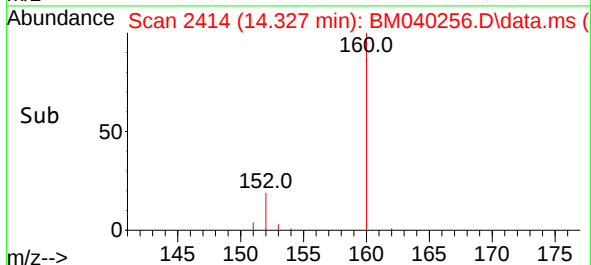
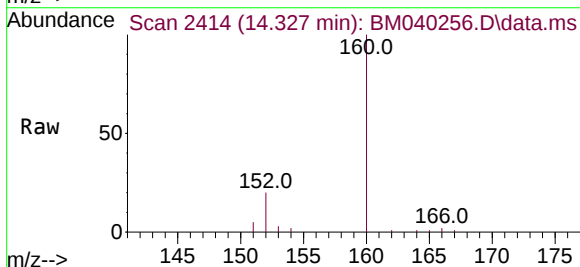
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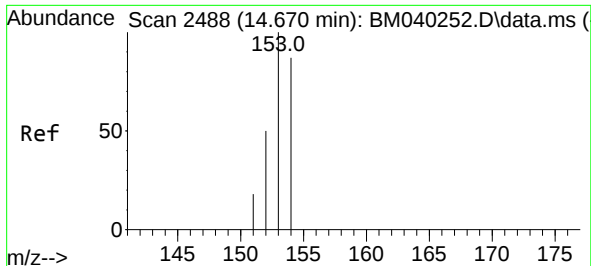
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

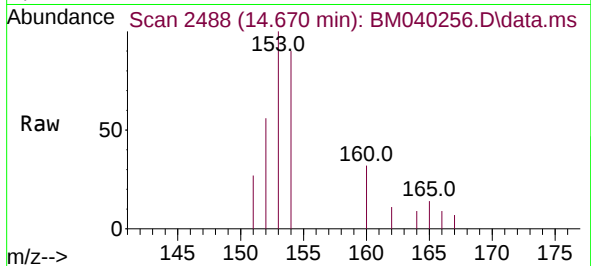
Tgt Ion:152 Resp: 4242
Ion Ratio Lower Upper
152 100
151 26.0 16.3 24.5#
153 17.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

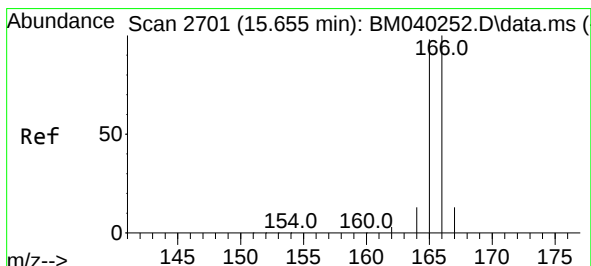
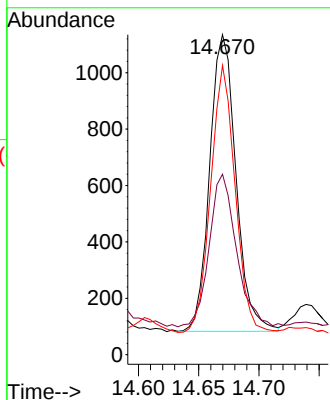
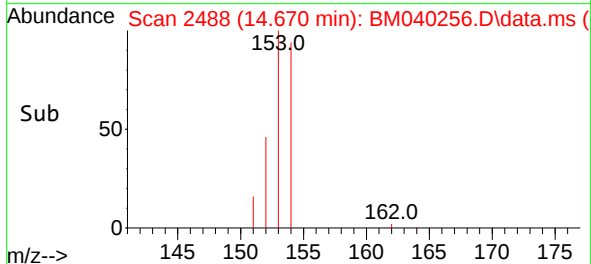
Instrument :
BNA_M
ClientSampleId :
DCFQ9



Tgt Ion:153 Resp: 1590
Ion Ratio Lower Upper
153 100
152 56.4 40.3 60.5
154 90.4 70.5 105.7

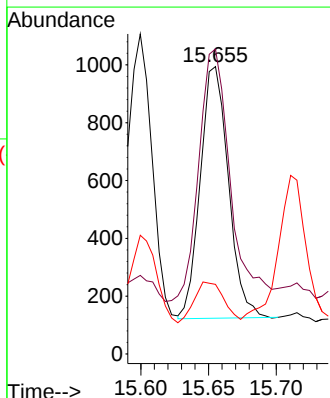
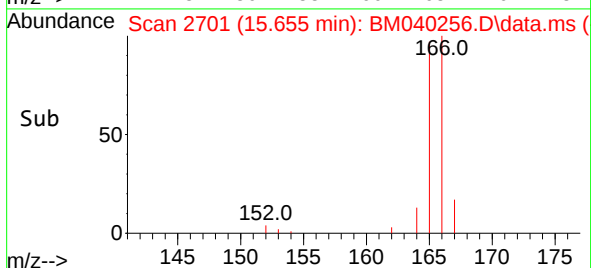
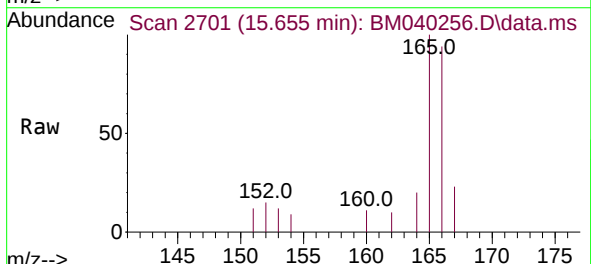
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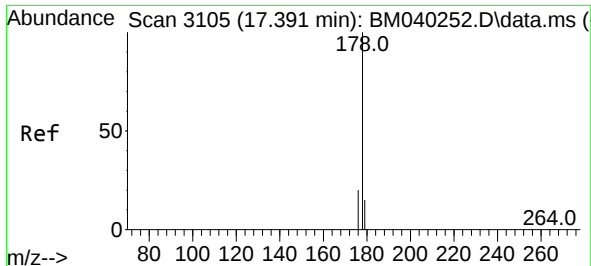
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

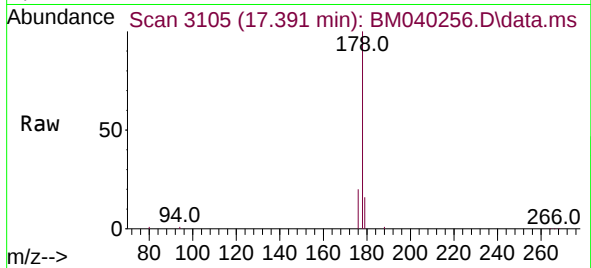
Tgt Ion:166 Resp: 1261
Ion Ratio Lower Upper
166 100
165 106.1 78.2 117.4
167 24.2 11.0 16.4#





#15
Phenanthrene
Concen: 0.420 ng/u1
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

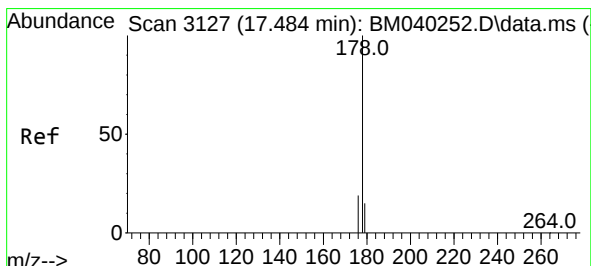
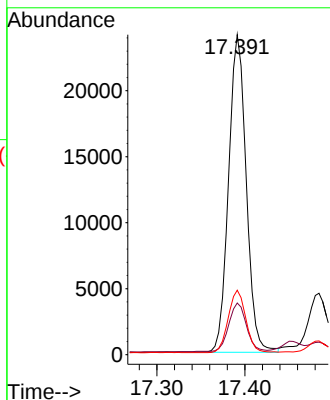
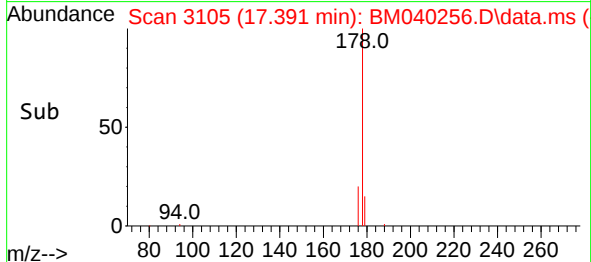
Instrument :
BNA_M
ClientSampleId :
DCFQ9



Tgt Ion:178 Resp: 33564
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.1 16.1 24.1

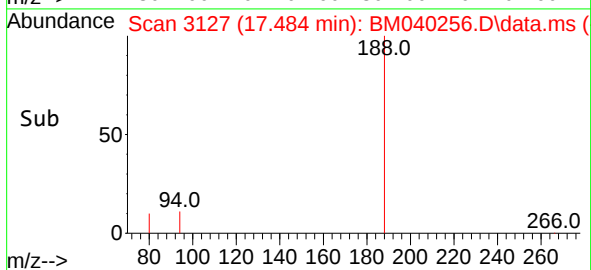
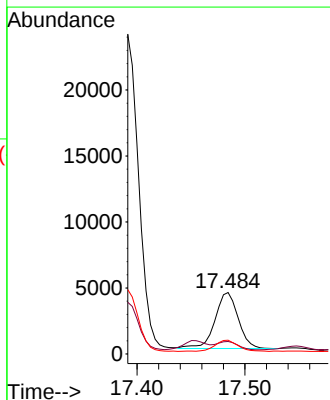
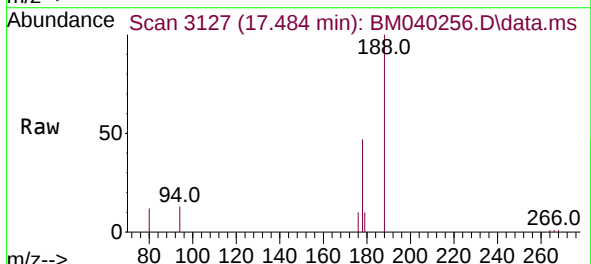
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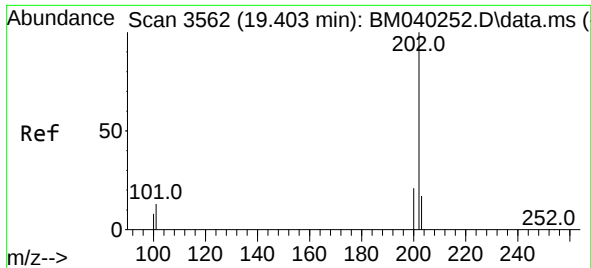
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#16
Anthracene
Concen: 0.093 ng/u1
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

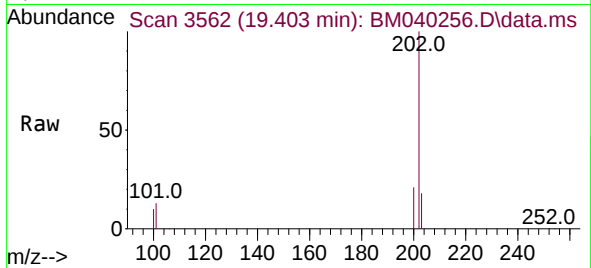
Tgt Ion:178 Resp: 6310
Ion Ratio Lower Upper
178 100
179 20.4 13.0 19.4#
176 22.4 15.5 23.3





#19
Fluoranthene
Concen: 1.655 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

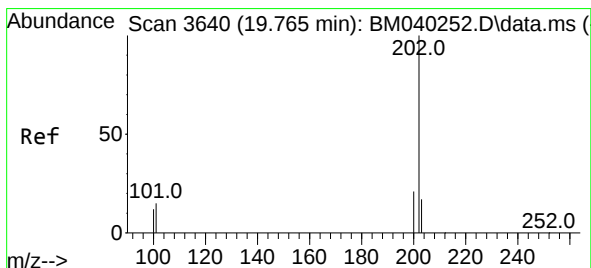
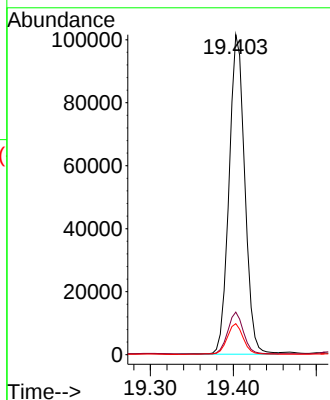
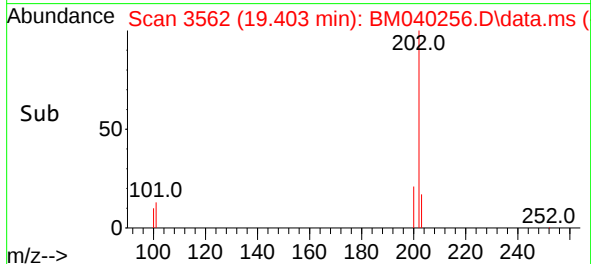
Instrument :
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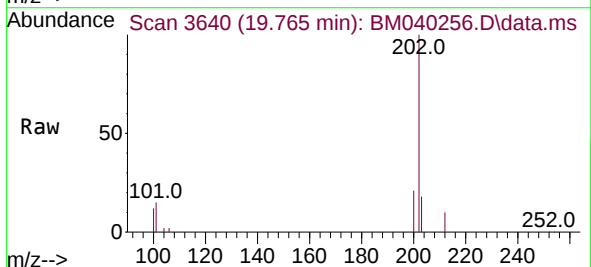
Tgt Ion:202 Resp: 133790
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.4
100 9.7 7.6 11.4

Manual Integrations
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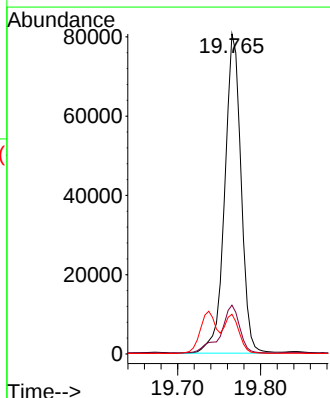
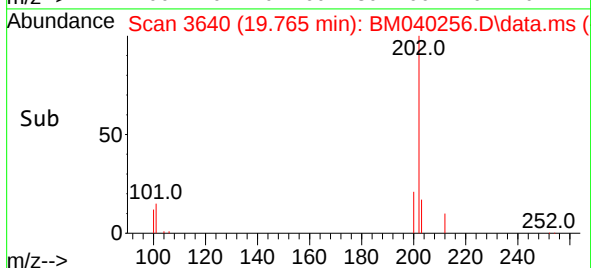
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

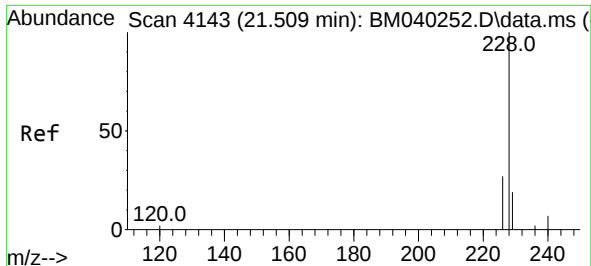


#20
Pyrene
Concen: 1.312 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06



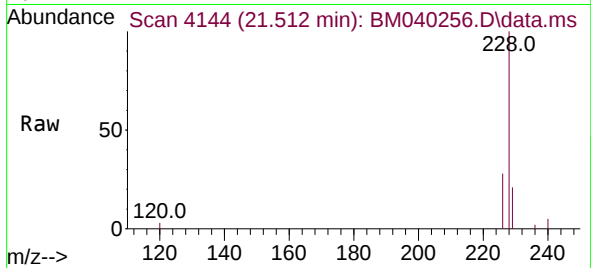
Tgt Ion:202 Resp: 110146
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 12.4 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.003 ng/ul
RT: 21.512 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

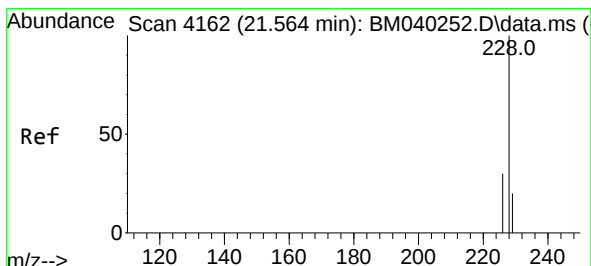
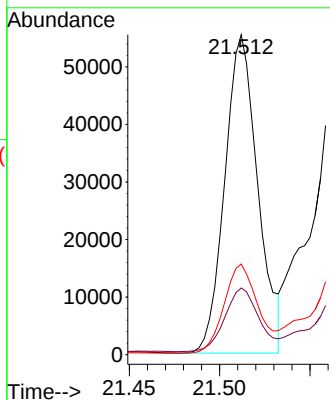
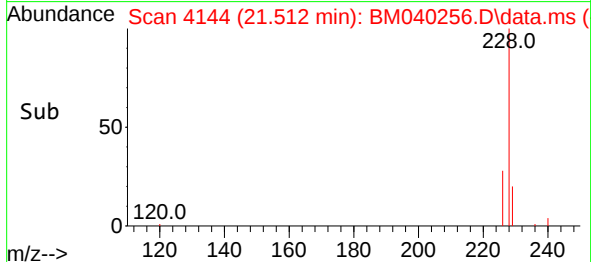
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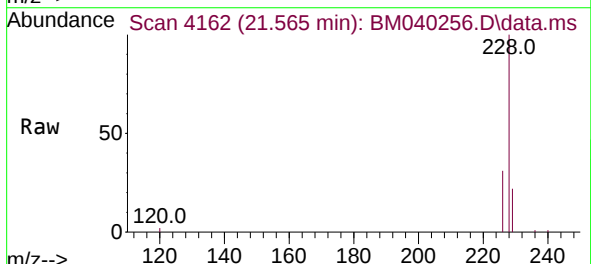
Tgt Ion:228 Resp: 70228
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.3 22.0 33.0

Manual Integrations
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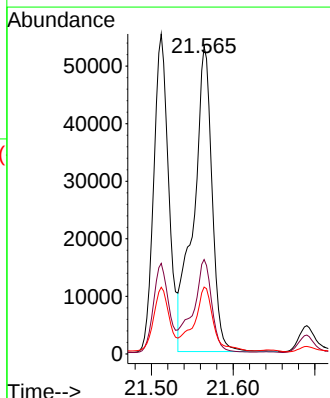
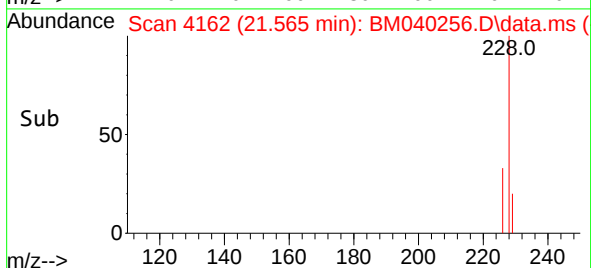
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

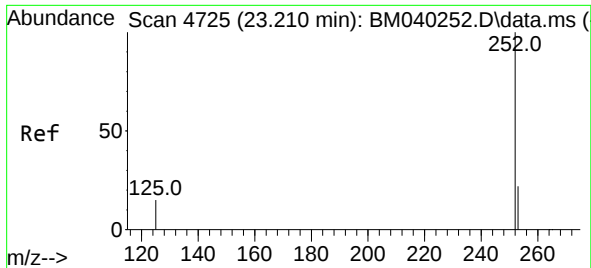


#22
Chrysene
Concen: 1.125 ng/ul
RT: 21.565 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06



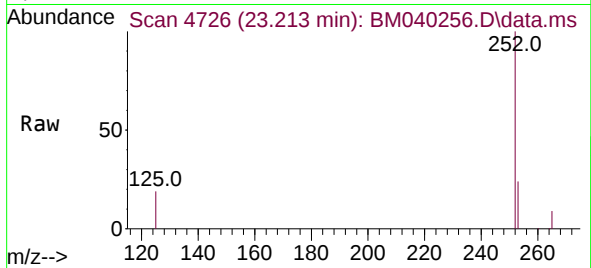
Tgt Ion:228 Resp: 83225
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.660 ng/ul
RT: 23.213 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

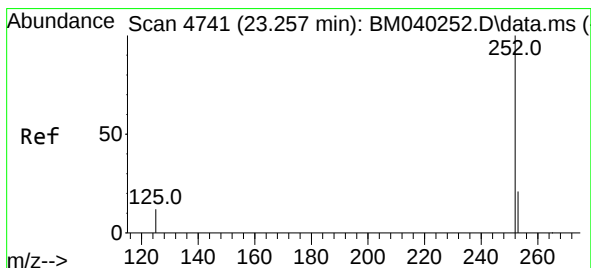
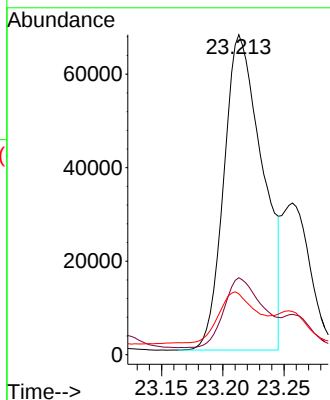
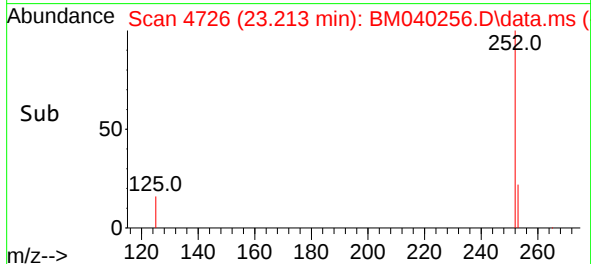
Instrument :
BNA_M
ClientSampleId :
DCFQ9



Tgt Ion:252 Resp: 14833
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.4
125 19.0 0.0 38.4

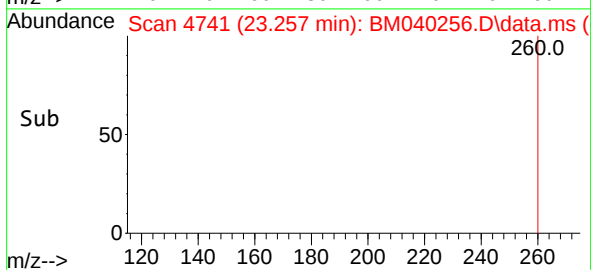
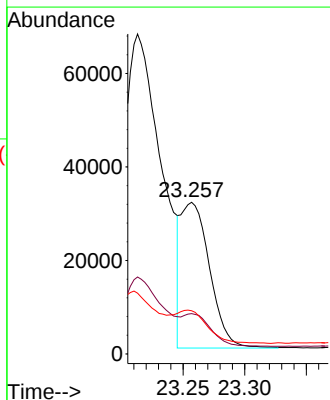
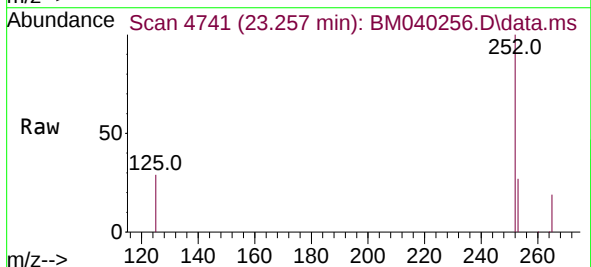
Manual Integrations
APPROVED

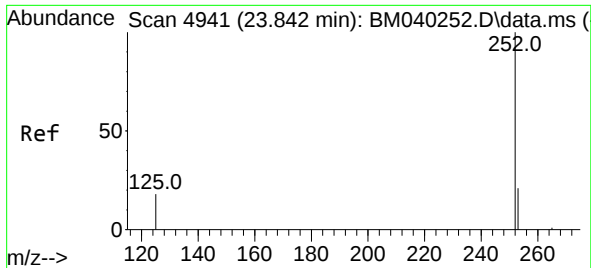
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.599 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

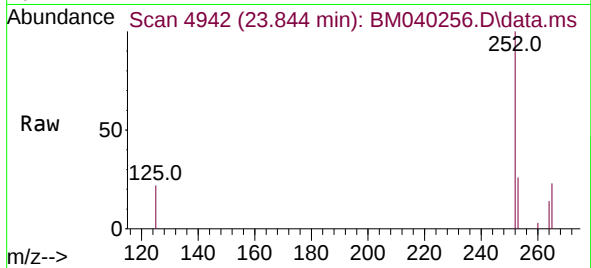
Tgt Ion:252 Resp: 50412
Ion Ratio Lower Upper
252 100
253 26.6 21.5 32.3
125 28.5 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.807 ng/ul
RT: 23.844 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

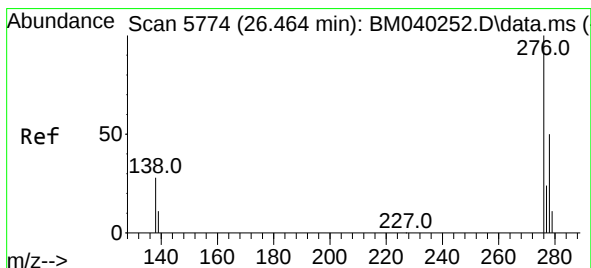
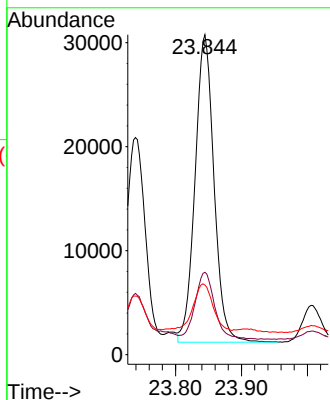
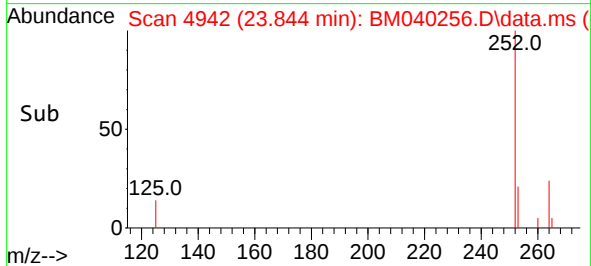
Instrument :
BNA_M
ClientSampleId :
DCFQ9



Tgt Ion:252 Resp: 59168
Ion Ratio Lower Upper
252 100
253 25.7 23.4 35.0
125 21.7 19.7 29.5

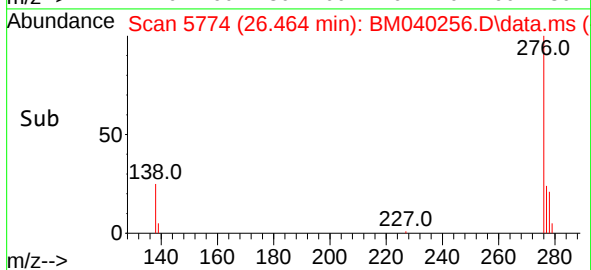
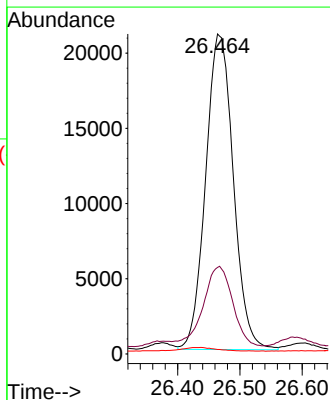
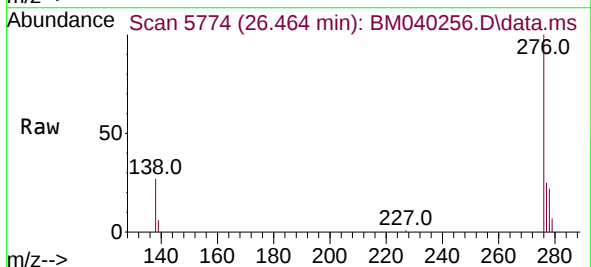
Manual Integrations
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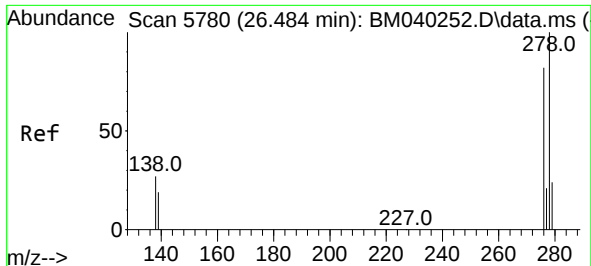
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.699 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

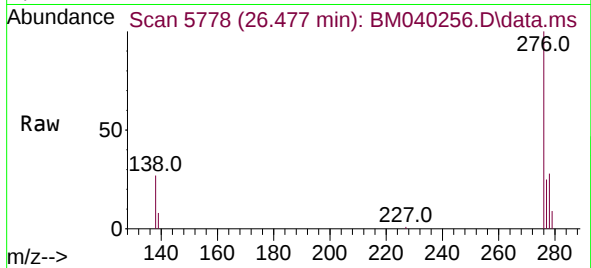
Tgt Ion:276 Resp: 64900
Ion Ratio Lower Upper
276 100
138 26.8 23.3 34.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 26.477 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06

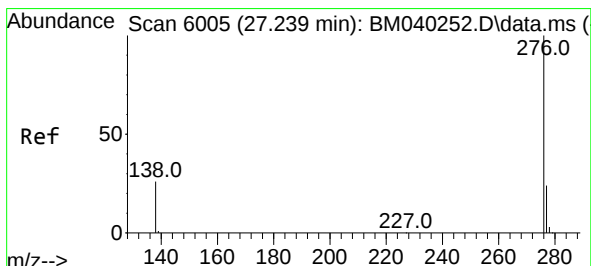
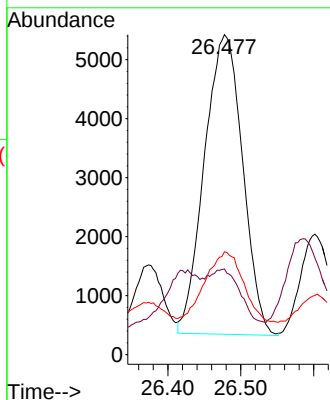
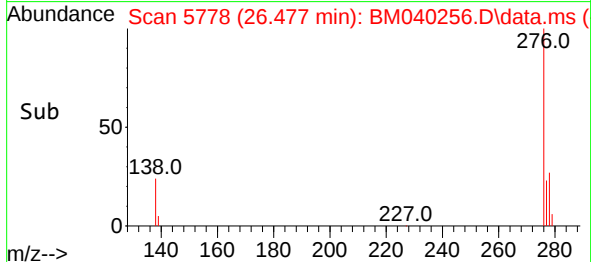
Instrument :
BNA_M
ClientSampleId :
DCFQ9



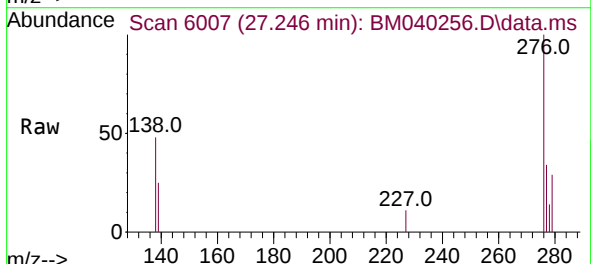
Tgt Ion: 278 Resp: 1850
Ion Ratio Lower Upper
278 100
139 26.8 16.4 24.6
279 32.2 21.8 32.8

Manual Integrations
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Reviewed By : Yogesh Patel 06/16/2023
Supervised By : mohammad ahmed 06/16/2023



#29
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul
RT: 27.246 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040256.D
Acq: 15 Jun 2023 13:06



Tgt Ion: 276 Resp: 5982
Ion Ratio Lower Upper
276 100
138 48.3 21.0 31.4#
277 34.2 19.6 29.4#

