

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040257.D
 Acq On : 15 Jun 2023 13:43
 Operator : MA/JU
 Sample : 03088-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ9MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 23:42:15 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	7.974	152	9327	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	34082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	32231	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	21240	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	19727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	2123	0.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4916	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	8039	0.152	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	5227	0.432	ng/ul#	65
5) Naphthalene	10.833	128	12075	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.439	142	7762	0.155	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	7285	0.139	ng/ul	99
10) Acenaphthylene	14.327	152	10346	0.175	ng/ul	96
11) Acenaphthene	14.670	153	7715	0.152	ng/ul	99
12) Fluorene	15.655	166	8092	0.143	ng/ul	97
14) Pentachlorophenol	17.003	266	1093	0.166	ng/ul	99
15) Phenanthrene	17.391	178	53836	0.635	ng/ul	100
16) Anthracene	17.484	178	15453	0.215	ng/ul	98
19) Fluoranthene	19.403	202	189577	2.620	ng/ul	99
20) Pyrene	19.765	202	129156	1.718	ng/ul	99
21) Benzo(a)anthracene	21.509	228	89741	1.431	ng/ul	99
22) Chrysene	21.562	228	97808	1.477	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	145242	1.997	ng/ul	97
25) Benzo(k)fluoranthene	23.257	252	56116m	0.819	ng/ul	
26) Benzo(a)pyrene	23.842	252	64971	1.089	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.464	276	61224	0.811	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.481	278	23165	0.382	ng/ul#	91
29) Benzo(g,h,i)perylene	27.242	276	56163	0.890	ng/ul	99

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

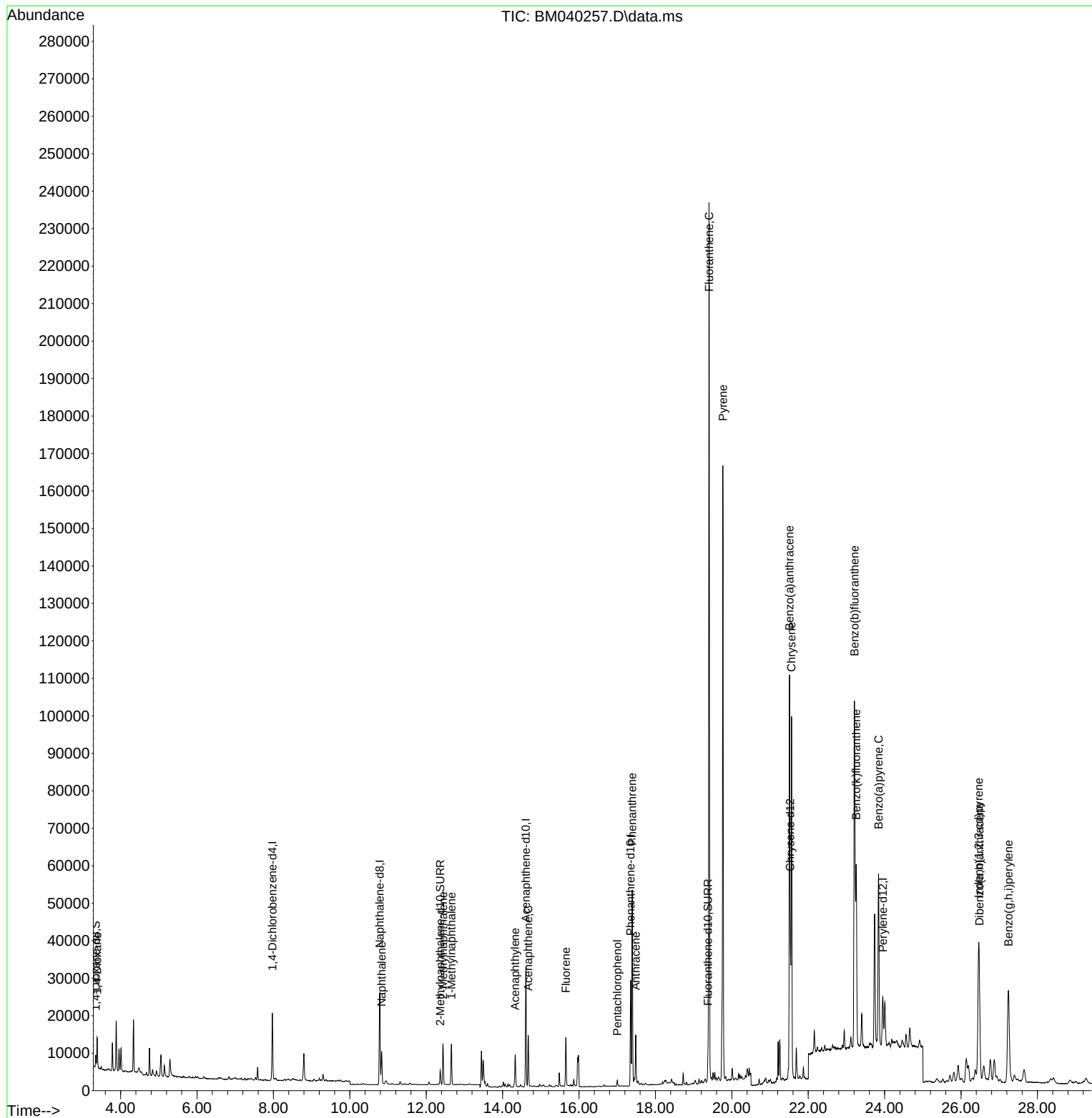
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040257.D
Acq On : 15 Jun 2023 13:43
Operator : MA/JU
Sample : 03088-02MS
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ALS Vial : 7 Sample Multiplier: 1

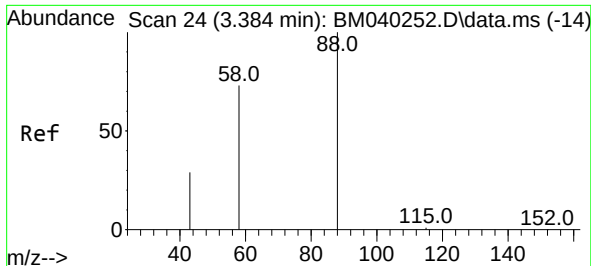
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Supervised By :mohammad ahmed 06/16/2023

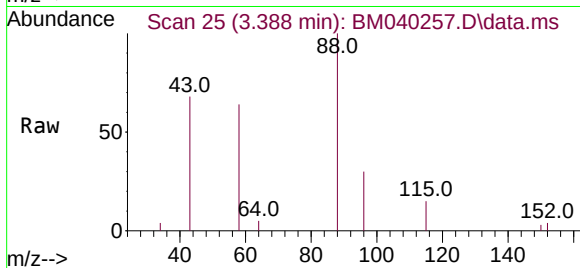
Quant Time: Jun 15 23:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.388 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

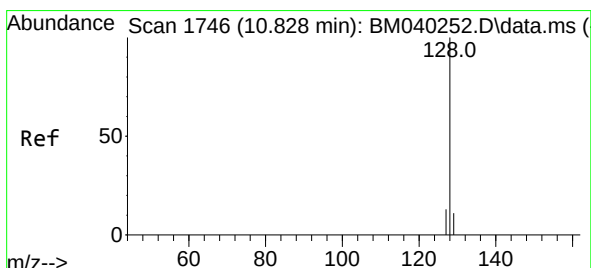
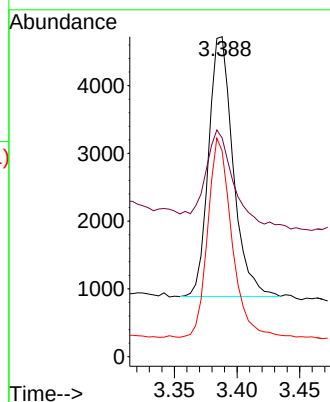
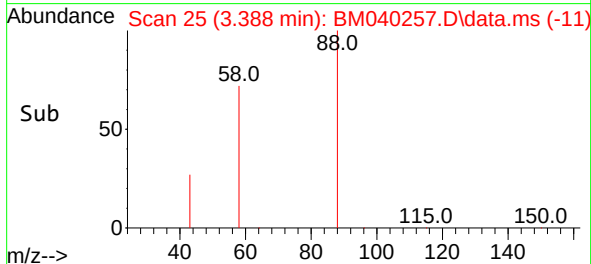
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
43 68.4 30.3 45.5
58 64.2 38.8 58.2

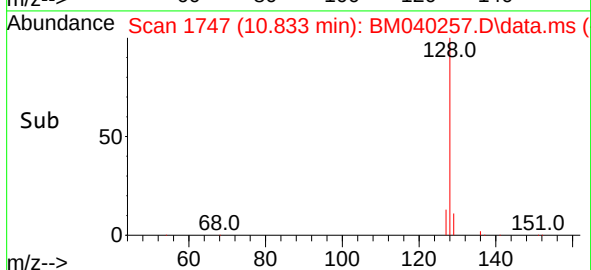
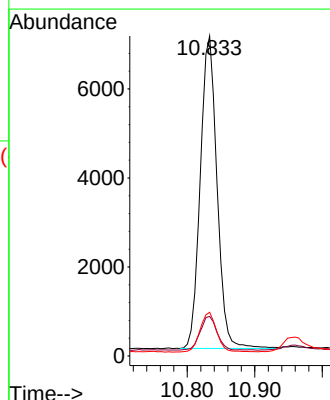
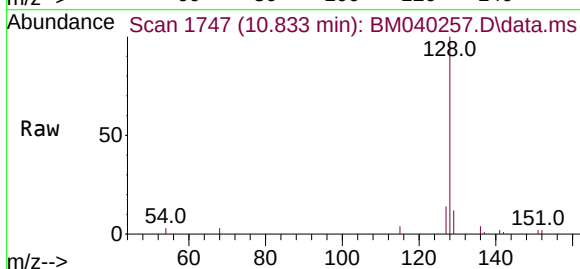
Manual Integrations
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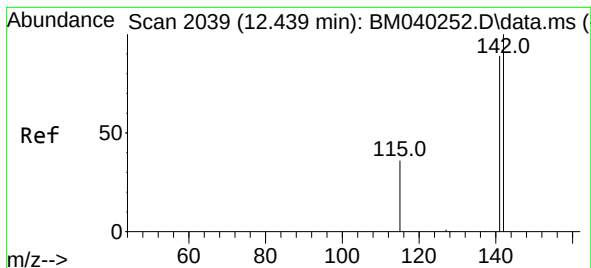
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

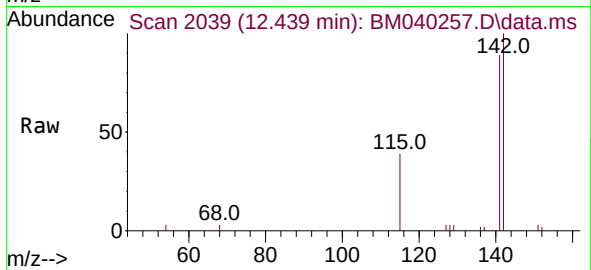
Tgt Ion:128 Resp: 12075
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.7 10.4 15.6





#7
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

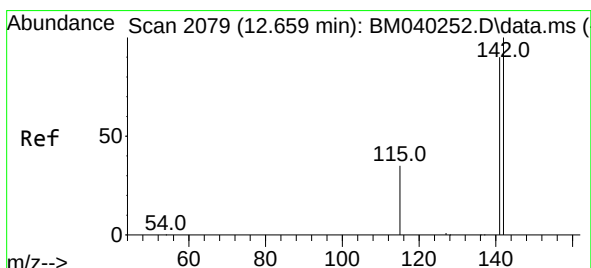
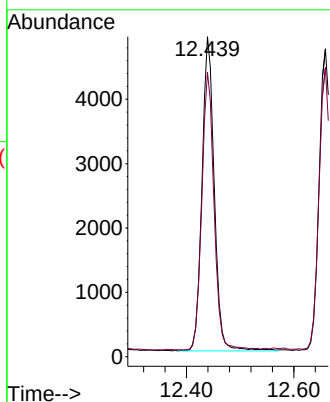
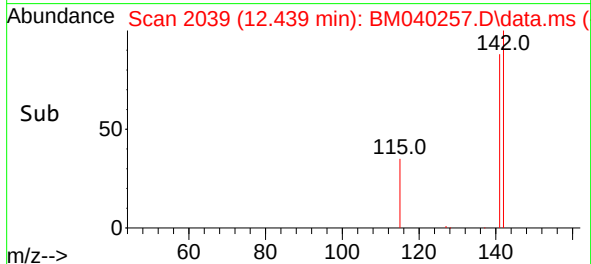
Instrument :
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ClientSampleId :
DCFQ9MS



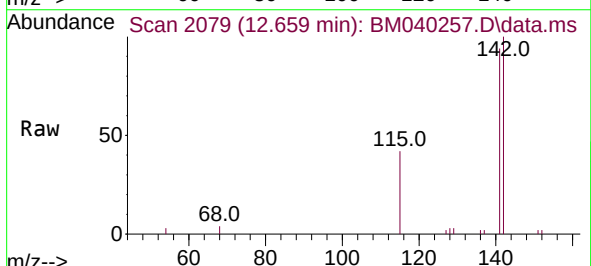
Tgt Ion:142 Resp: 7762
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0

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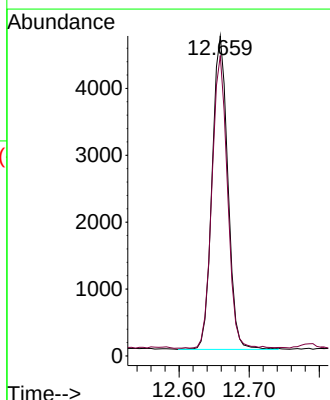
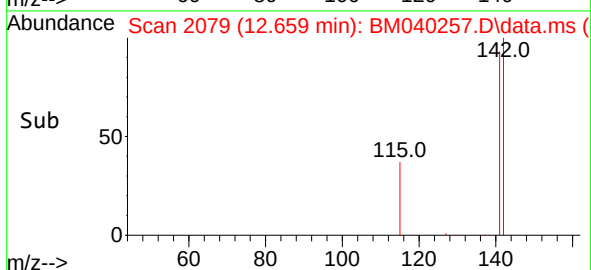
Reviewed By :Yogesh Patel 06/16/2023
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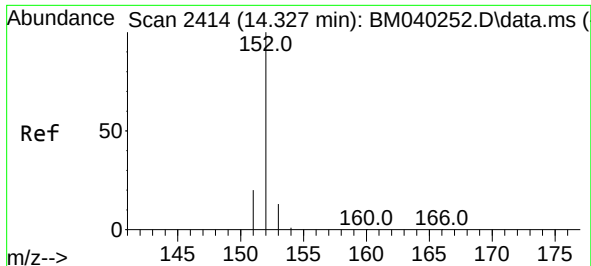


#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



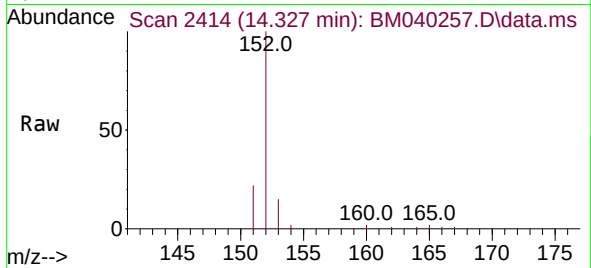
Tgt Ion:142 Resp: 7285
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4





#10
Acenaphthylene
Concen: 0.175 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

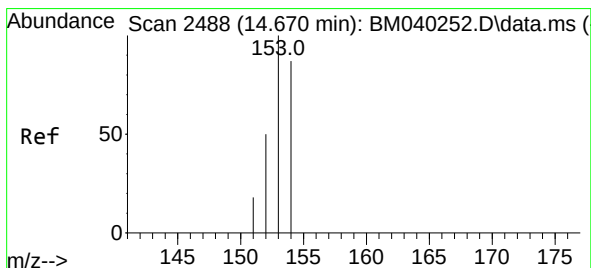
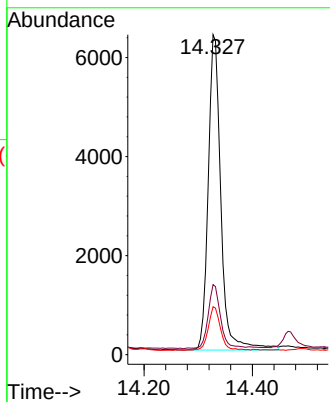
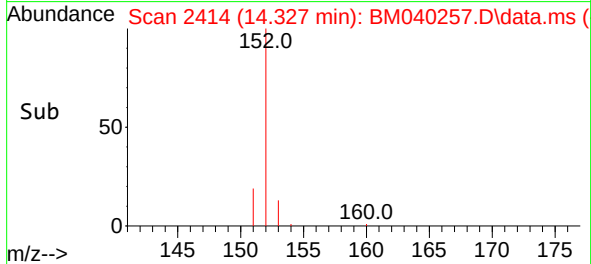
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



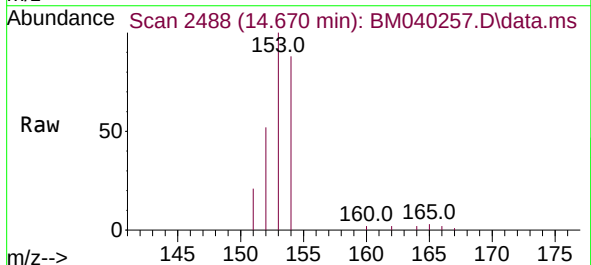
Tgt Ion:152 Resp: 10340
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 15.0 10.7 16.1

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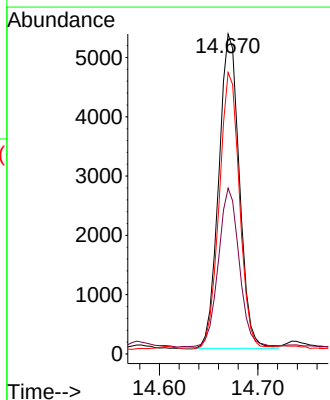
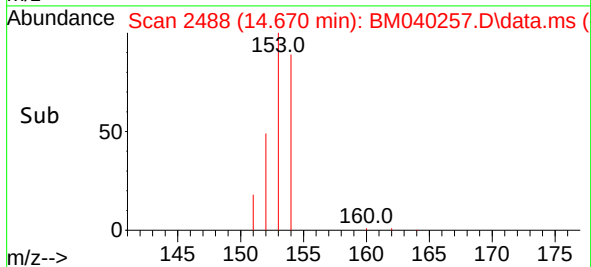
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

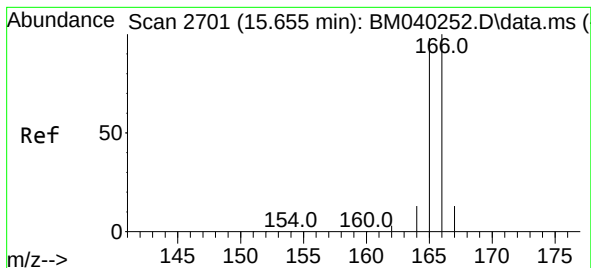


#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



Tgt Ion:153 Resp: 7715
Ion Ratio Lower Upper
153 100
152 51.8 40.3 60.5
154 88.0 70.5 105.7





#12

Fluorene

Concen: 0.143 ng/ul

RT: 15.655 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040257.D

Acq: 15 Jun 2023 13:43

Instrument :

BNA_M

ClientSampleId :

DCFQ9MS

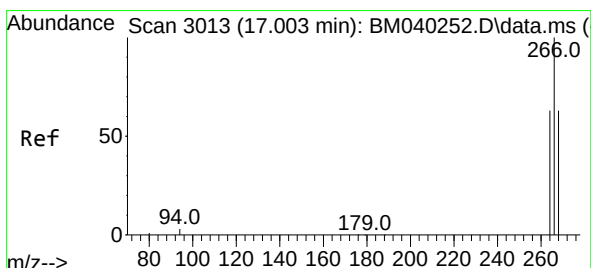
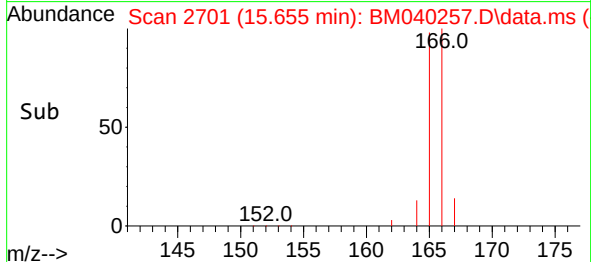
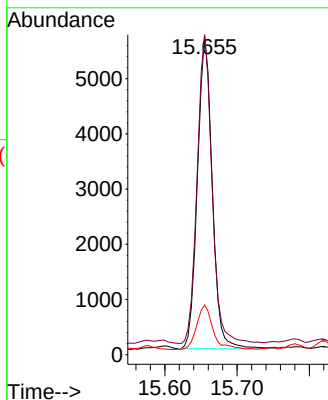
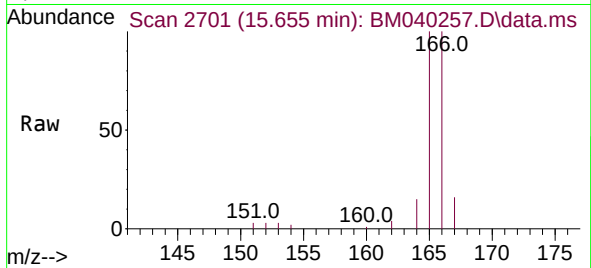
Tgt Ion:	166	Resp:	809
Ion Ratio	Lower	Upper	
166	100		
165	100.2	78.2	117.4
167	15.6	11.0	16.4

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#14

Pentachlorophenol

Concen: 0.166 ng/ul

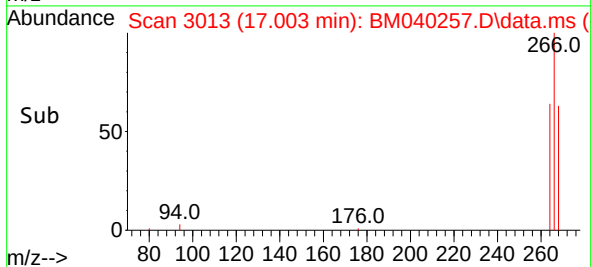
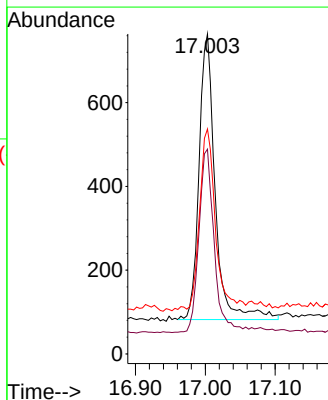
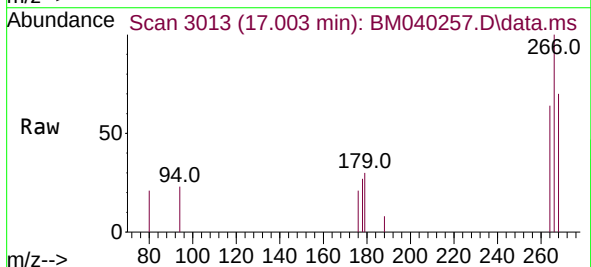
RT: 17.003 min Scan# 3013

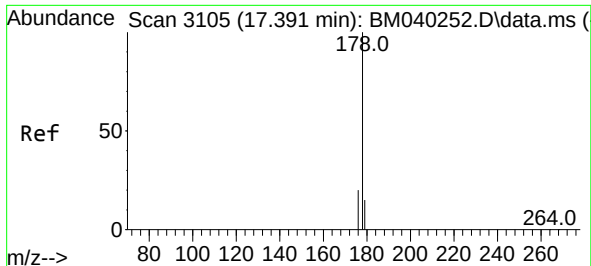
Delta R.T. -0.004 min

Lab File: BM040257.D

Acq: 15 Jun 2023 13:43

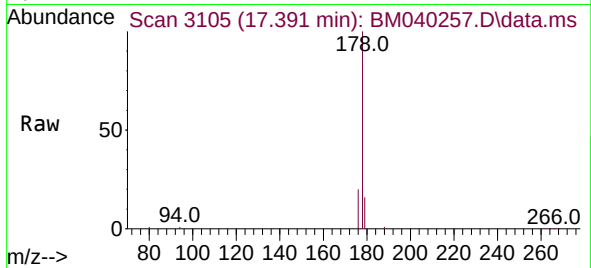
Tgt Ion:	266	Resp:	1093
Ion Ratio	Lower	Upper	
266	100		
264	63.4	49.4	74.0
268	63.7	51.3	76.9





#15
Phenanthrene
Concen: 0.635 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

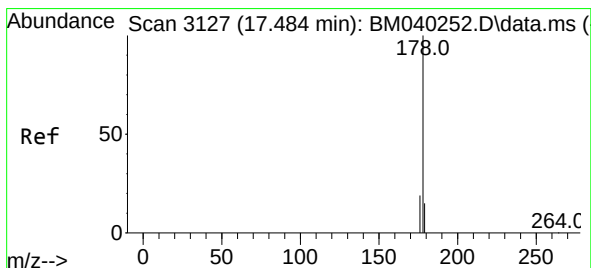
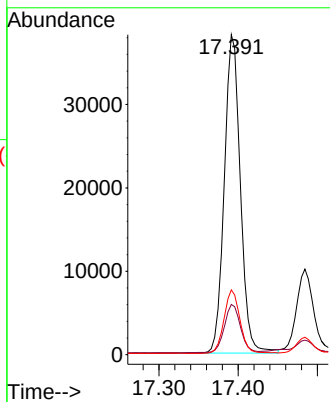
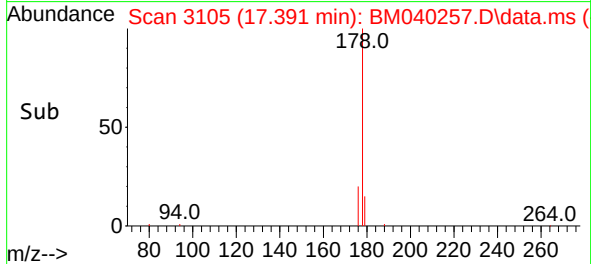
Instrument :
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DCFQ9MS



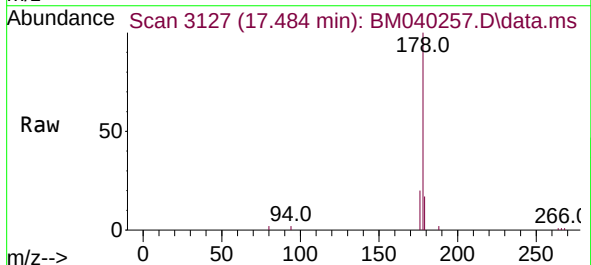
Tgt Ion:178 Resp: 53830
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 20.2 16.1 24.1

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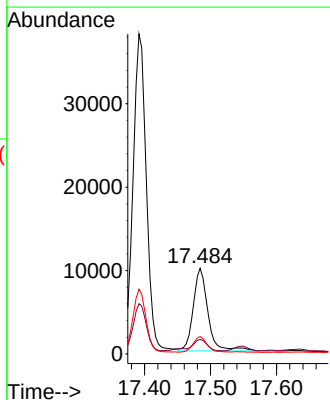
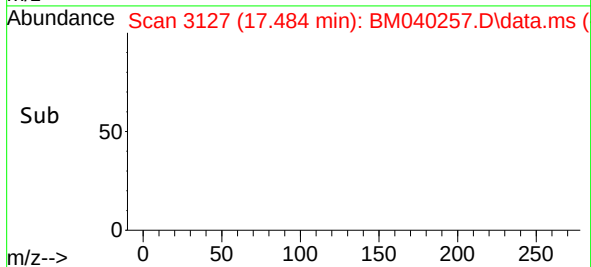
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

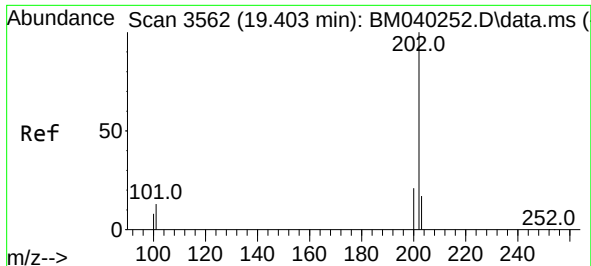


#16
Anthracene
Concen: 0.215 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



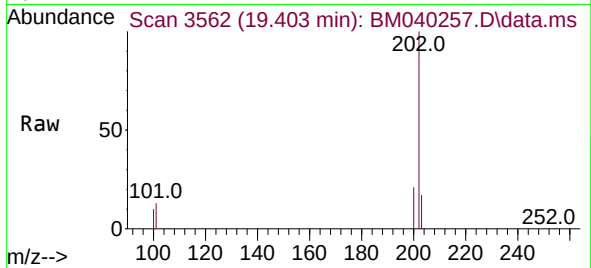
Tgt Ion:178 Resp: 15453
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.3 15.5 23.3





#19
Fluoranthene
Concen: 2.620 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

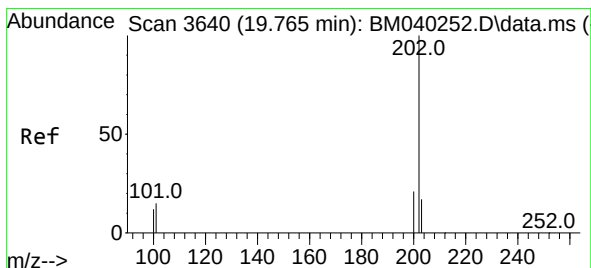
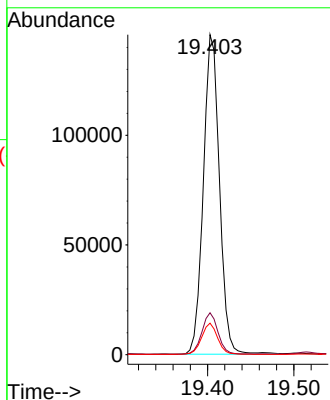
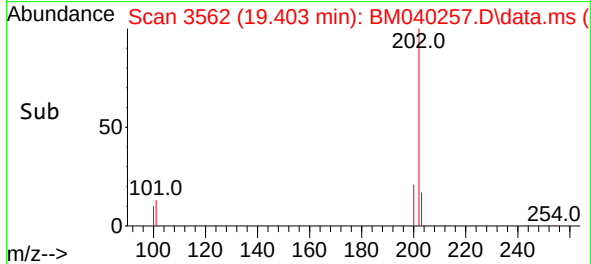
Instrument :
BNA_M
ClientSampleId :
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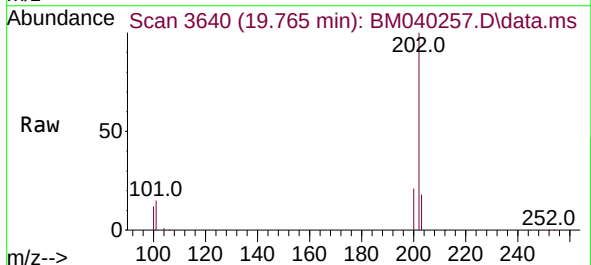
Tgt Ion:202 Resp: 18957
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.4
100 9.8 7.6 11.4

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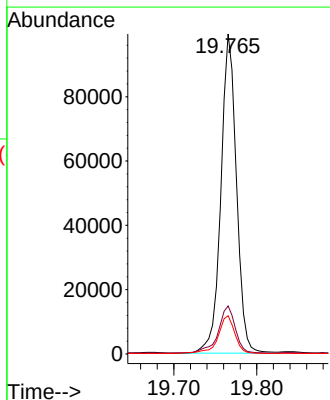
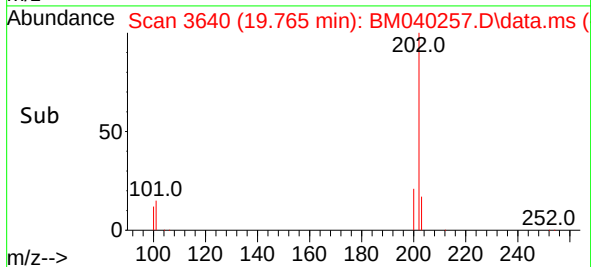
Reviewed By :Yogesh Patel 06/16/2023
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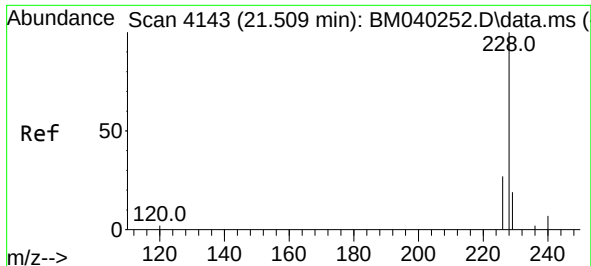


#20
Pyrene
Concen: 1.718 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



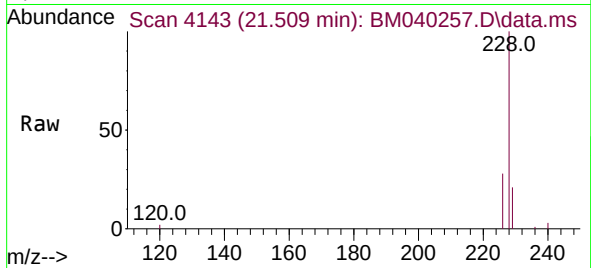
Tgt Ion:202 Resp: 129156
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 12.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.431 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

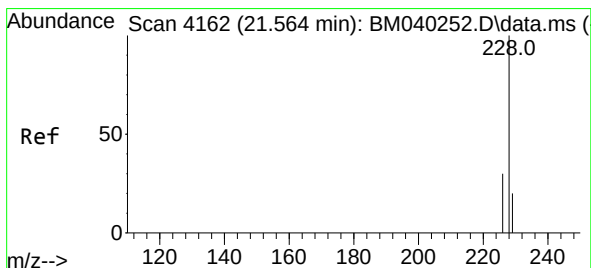
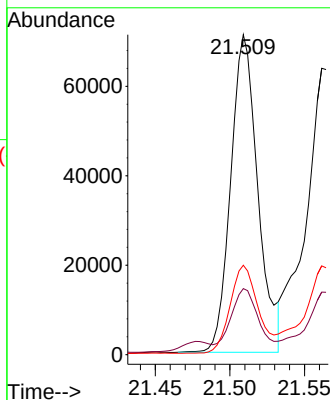
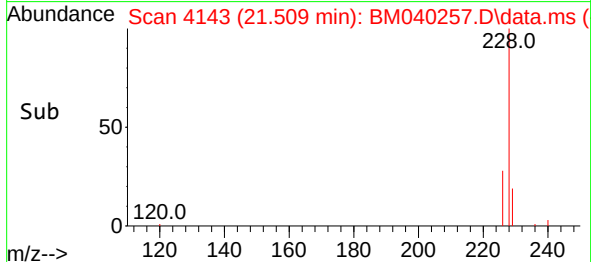
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



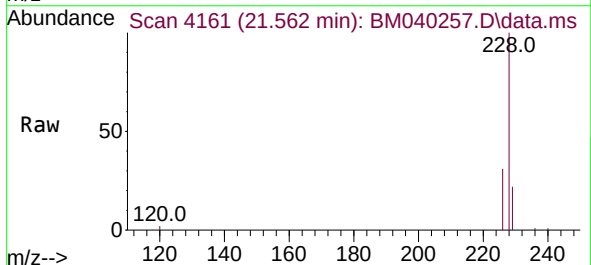
Tgt Ion:228 Resp: 8974
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 28.0 22.0 33.0

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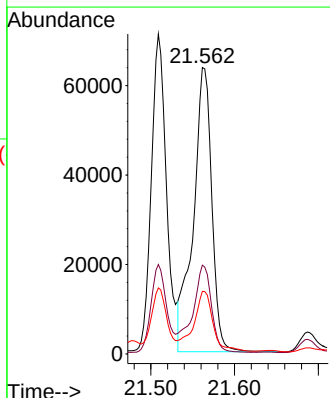
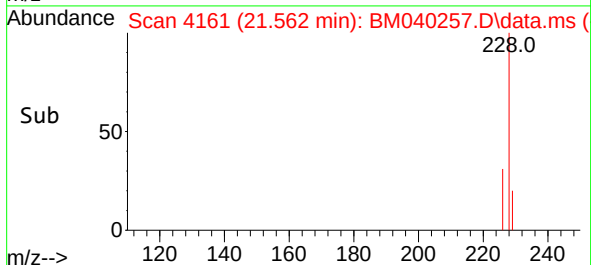
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

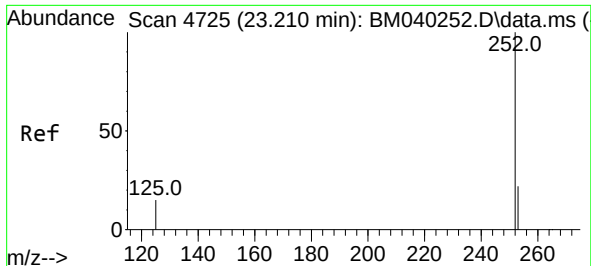


#22
Chrysene
Concen: 1.477 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



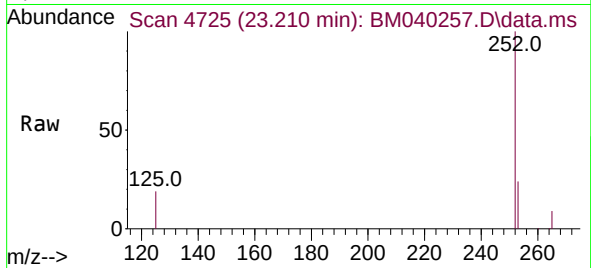
Tgt Ion:228 Resp: 97808
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.997 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

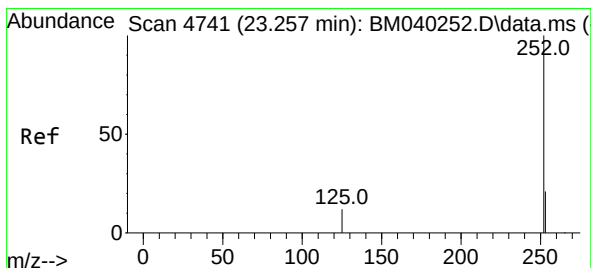
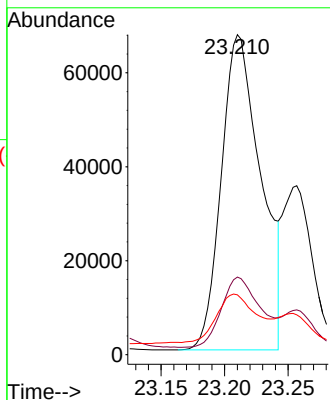
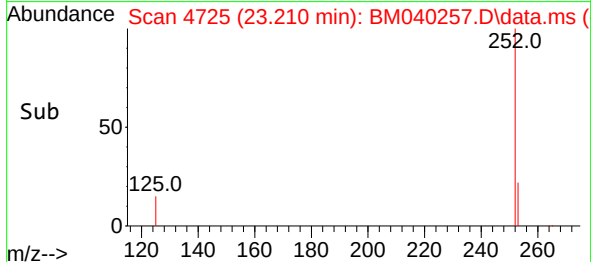
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



Tgt Ion:252 Resp: 14524
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.4
125 18.7 0.0 38.4

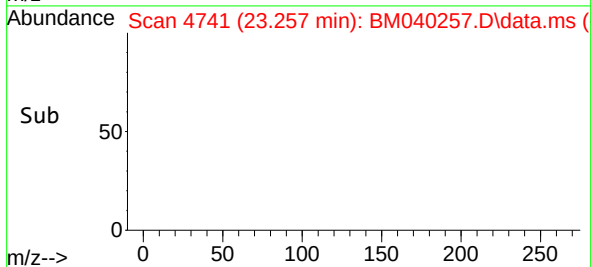
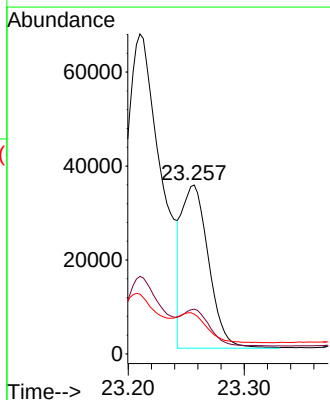
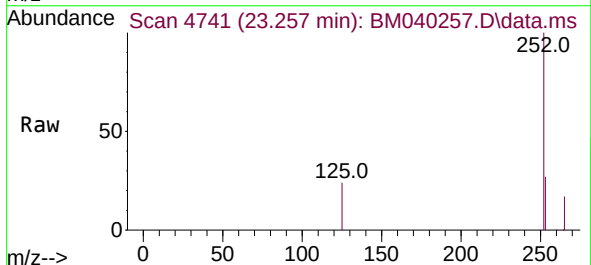
Manual Integrations
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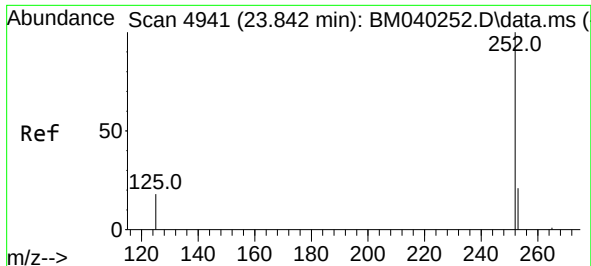
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.819 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

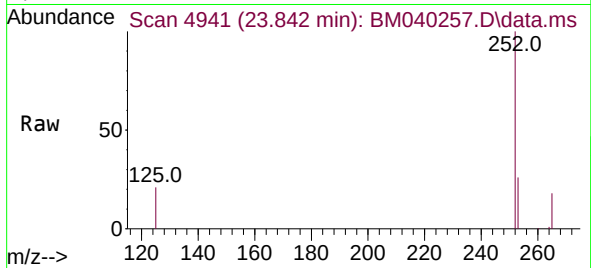
Tgt Ion:252 Resp: 56116
Ion Ratio Lower Upper
252 100
253 26.5 21.5 32.3
125 23.6 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 1.089 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

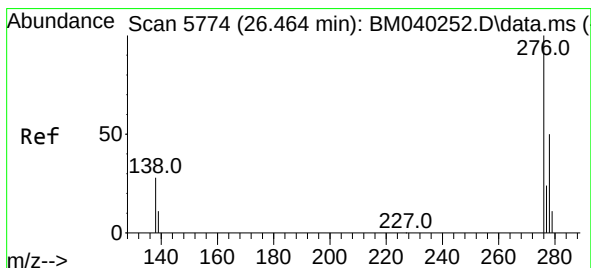
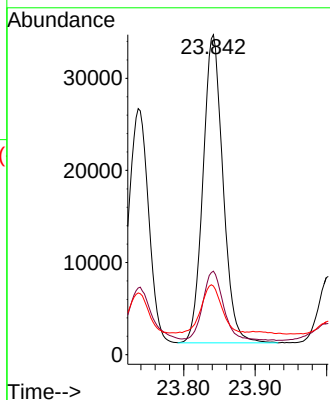
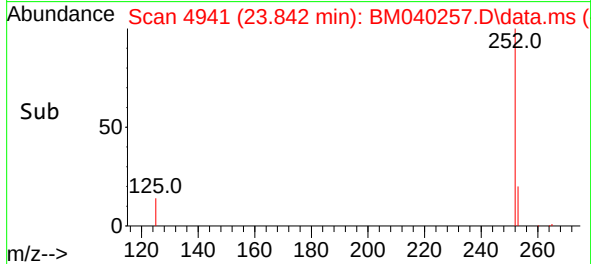
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



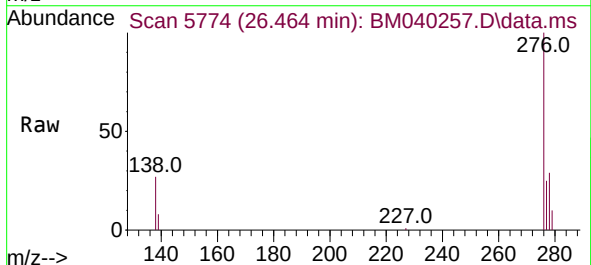
Tgt Ion:252 Resp: 6497
Ion Ratio Lower Upper
252 100
253 26.1 23.4 35.0
125 21.5 19.7 29.5

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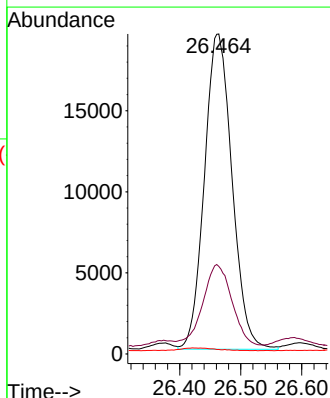
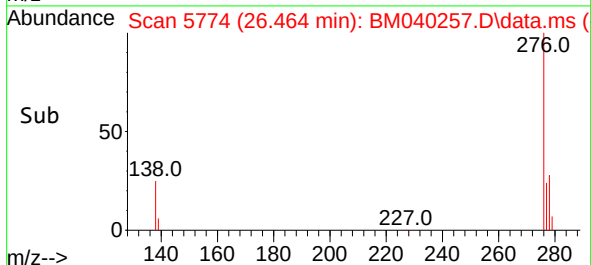
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

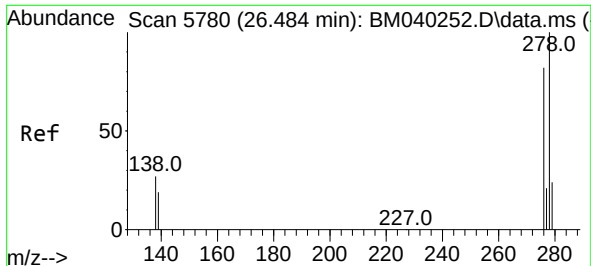


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



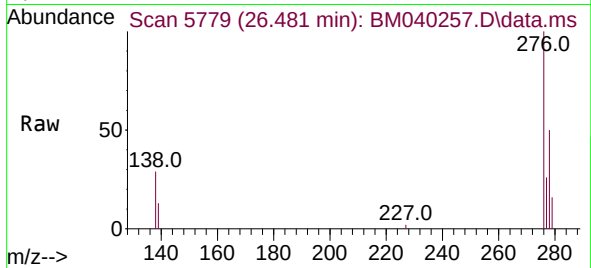
Tgt Ion:276 Resp: 61224
Ion Ratio Lower Upper
276 100
138 27.3 23.3 34.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.481 min Scan# 5779
Delta R.T. -0.017 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

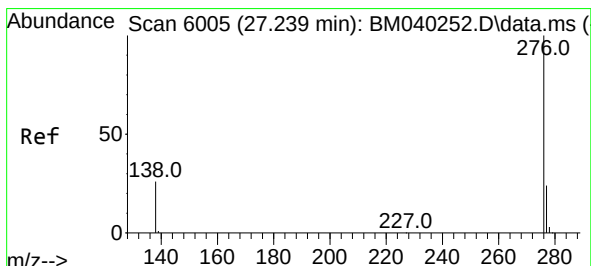
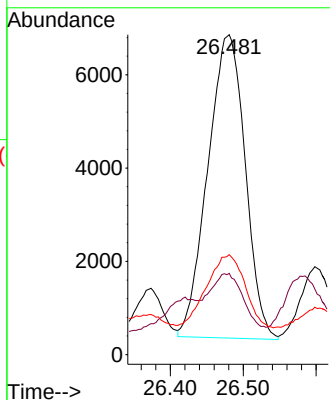
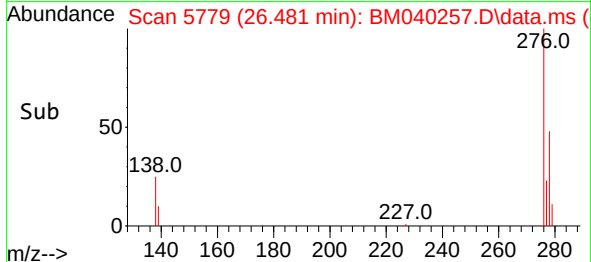
Instrument :
BNA_M
ClientSampleId :
DCFQ9MS



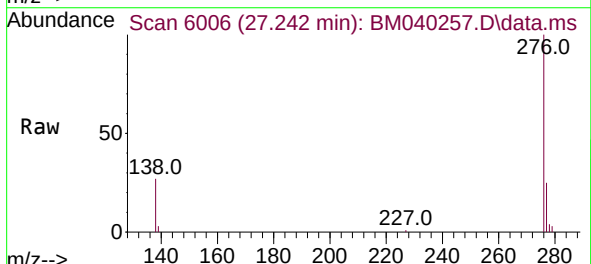
Tgt Ion: 278 Resp: 2316
Ion Ratio Lower Upper
278 100
139 25.4 16.4 24.6
279 31.2 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.890 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43



Tgt Ion: 276 Resp: 56163
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
277 24.7 19.6 29.4

