

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040317.D
 Acq On : 19 Jun 2023 16:44
 Operator : MA/JU
 Sample : 03080-19DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:13:48 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	8562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	17968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	35362	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	25685	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	24762	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8441	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2694	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	4839	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	8083	0.102	ng/ul#	94
7) 2-Methylnaphthalene	12.439	142	5112	0.104	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	3873	0.075	ng/ul	99
10) Acenaphthylene	14.327	152	12194	0.194	ng/ul	97
11) Acenaphthene	14.670	153	1210	0.022	ng/ul#	91
12) Fluorene	15.655	166	1494	0.025	ng/ul#	81
15) Phenanthrene	17.391	178	32588	0.350	ng/ul	99
16) Anthracene	17.484	178	5535	0.070	ng/ul#	88
19) Fluoranthene	19.407	202	82280	0.940	ng/ul	98
20) Pyrene	19.765	202	73577	0.809	ng/ul	98
21) Benzo(a)anthracene	21.512	228	40017	0.528	ng/ul#	90
22) Chrysene	21.564	228	48882	0.610	ng/ul#	91
24) Benzo(b)fluoranthene	23.213	252	70738	0.775	ng/ul	90
25) Benzo(k)fluoranthene	23.260	252	26398m	0.307	ng/ul	
26) Benzo(a)pyrene	23.844	252	42714	0.570	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.474	276	39102	0.412	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.477	278	10296	0.135	ng/ul#	35
29) Benzo(g,h,i)perylene	27.249	276	38531	0.487	ng/ul#	89

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

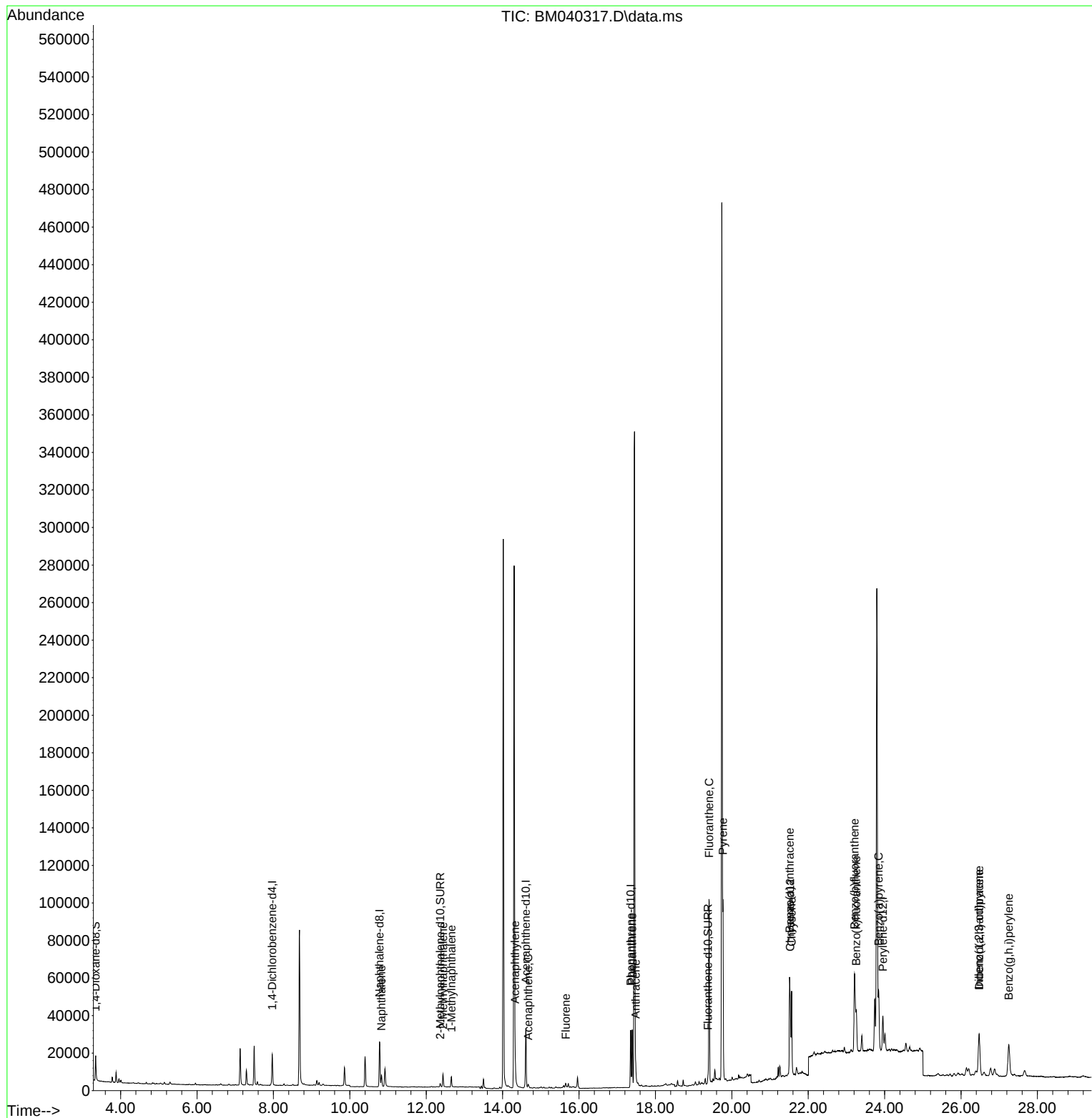
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
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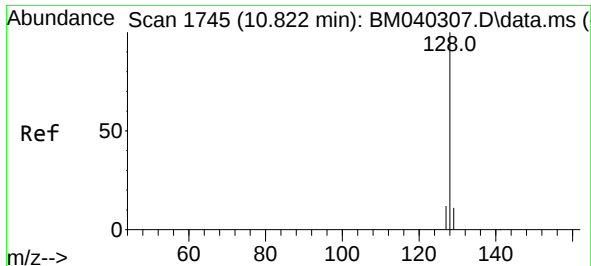
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ClientSampleId :
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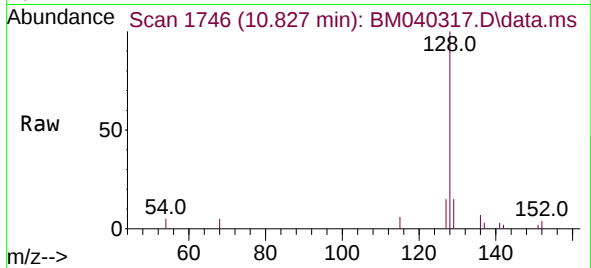
Quant Time: Jun 20 00:13:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.827 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

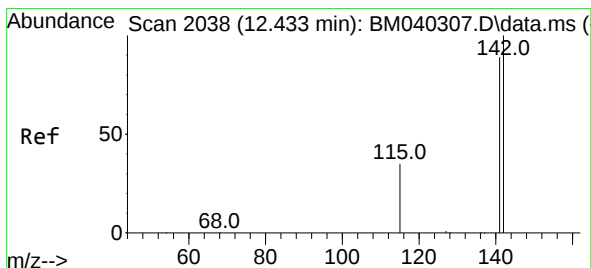
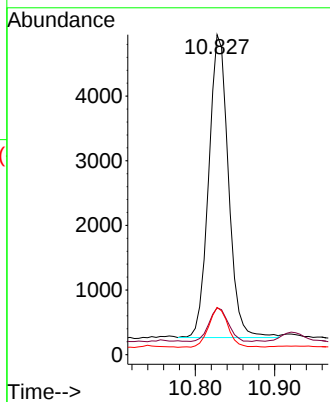
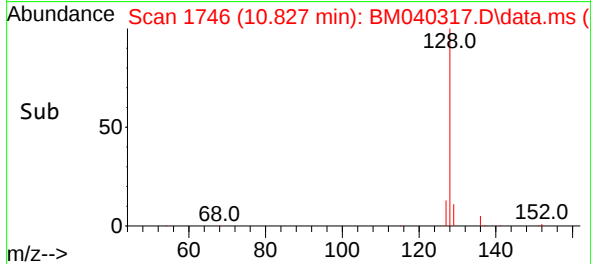
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:128 Resp: 808
Ion Ratio Lower Upper
128 100
129 14.6 9.1 13.7
127 14.8 10.4 15.6

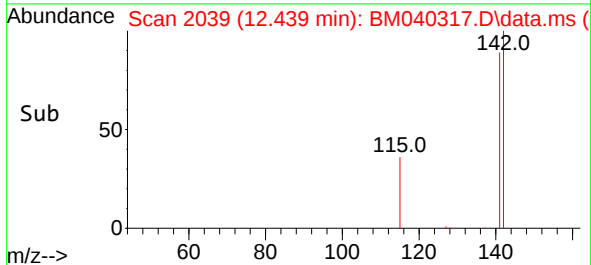
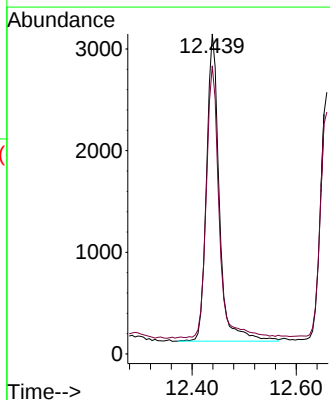
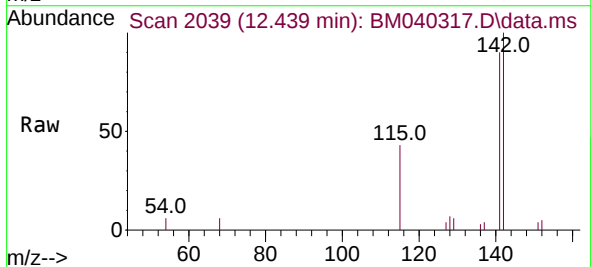
Manual Integrations
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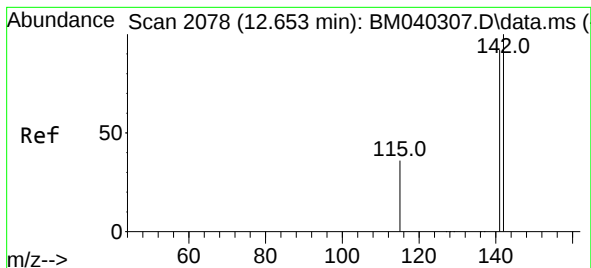
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:142 Resp: 5112
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.075 ng/u1

RT: 12.659 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Instrument :

BNA_M

ClientSampleId :

DCFJ8DL

Tgt Ion:142 Resp: 387

Ion Ratio Lower Upper

142 100

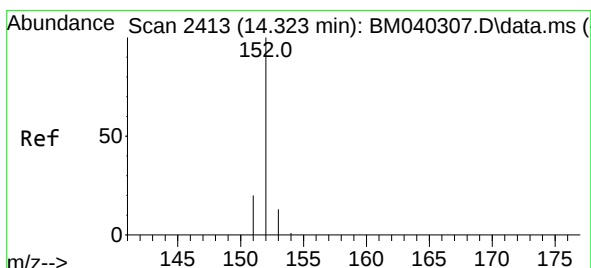
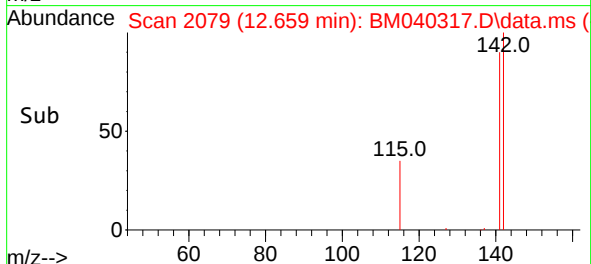
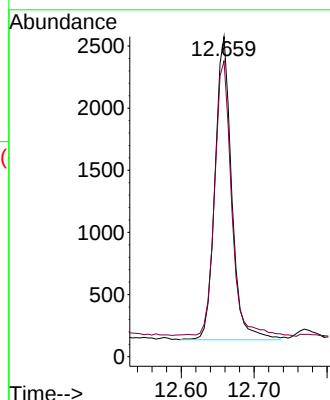
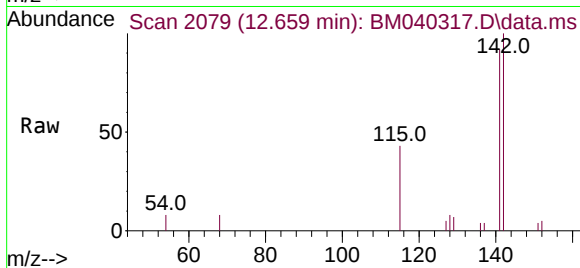
141 90.5 73.0 109.4

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#10

Acenaphthylene

Concen: 0.194 ng/u1

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

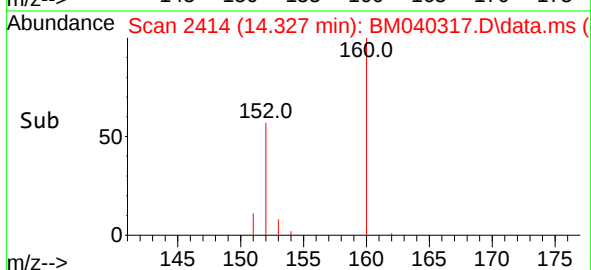
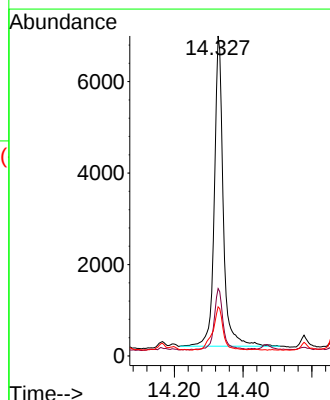
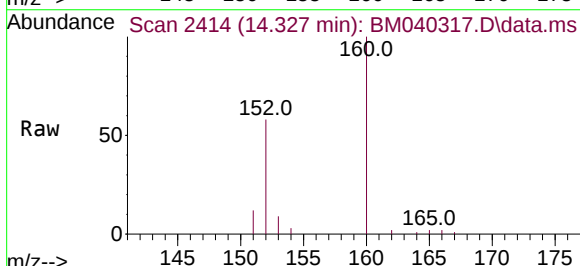
Tgt Ion:152 Resp: 12194

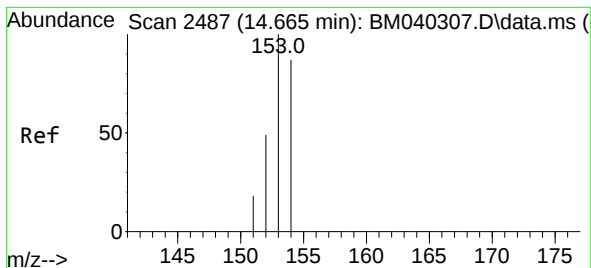
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 15.3 10.7 16.1





#11

Acenaphthene

Concen: 0.022 ng/u1

RT: 14.670 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Instrument :

BNA_M

ClientSampleId :

DCFJ8DL

Tgt Ion:153 Resp: 1210

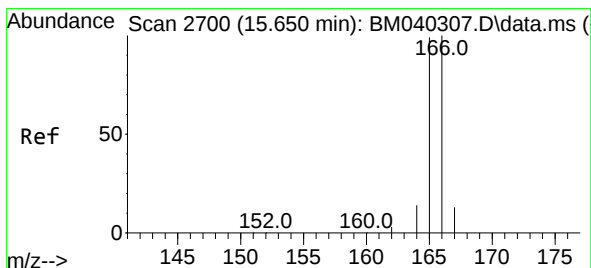
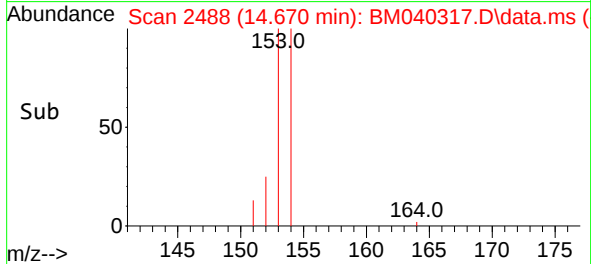
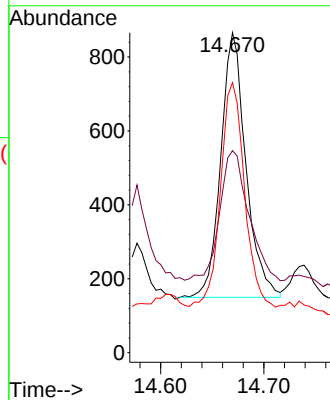
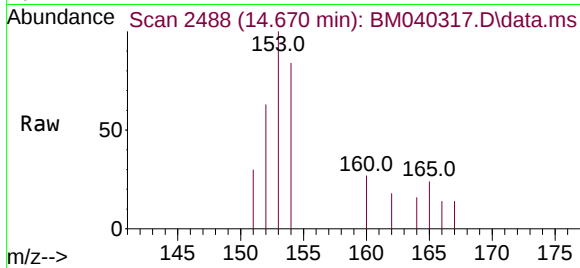
Ion	Ratio	Lower	Upper
153	100		
152	63.2	40.3	60.5
154	84.4	70.5	105.7

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#12

Fluorene

Concen: 0.025 ng/u1

RT: 15.655 min Scan# 2701

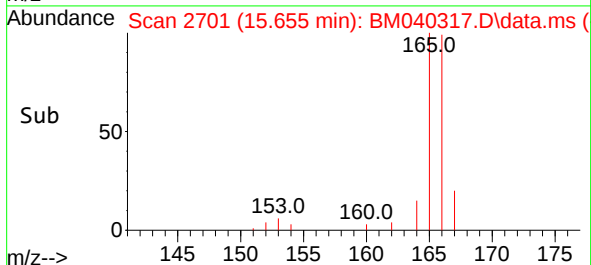
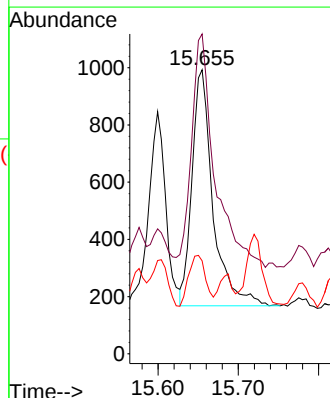
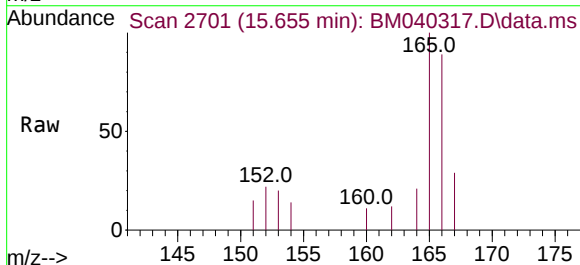
Delta R.T. -0.005 min

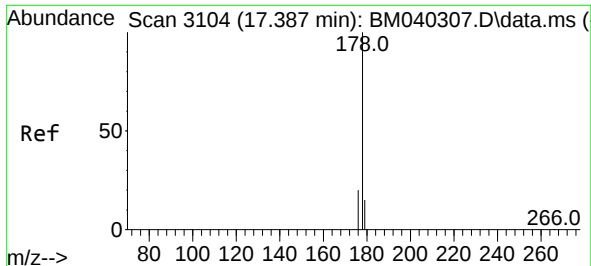
Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Tgt Ion:166 Resp: 1494

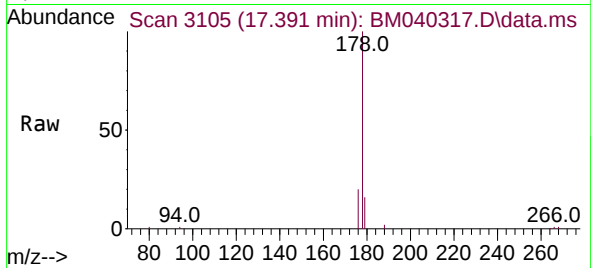
Ion	Ratio	Lower	Upper
166	100		
165	112.6	78.2	117.4
167	32.7	11.0	16.4





#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

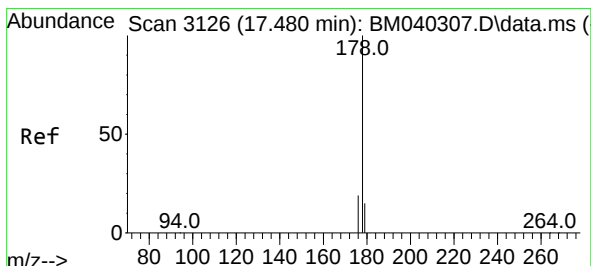
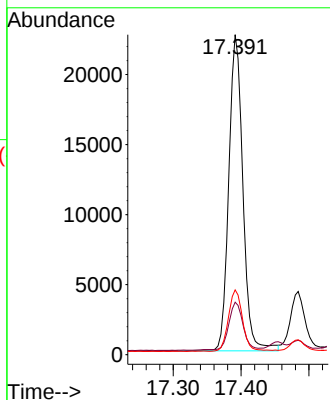
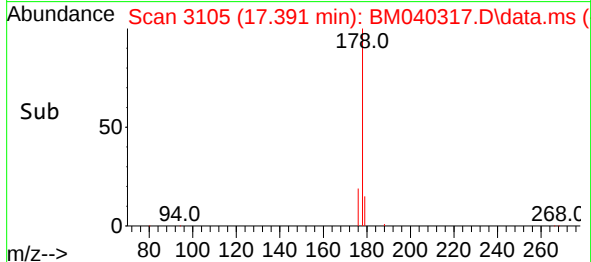
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:178 Resp: 3258
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.2 16.1 24.1

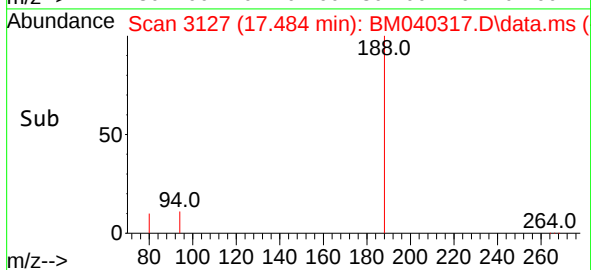
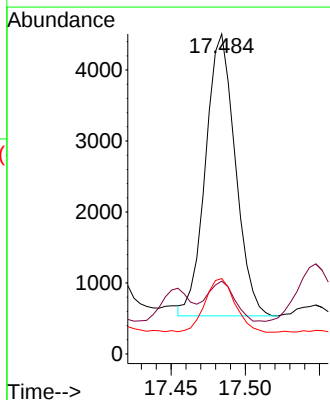
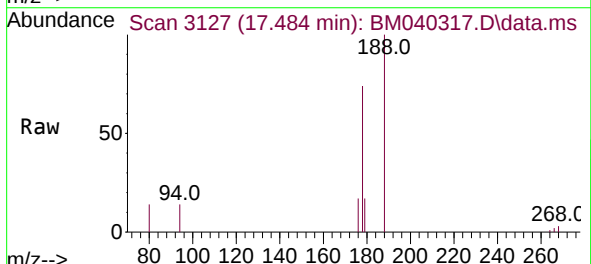
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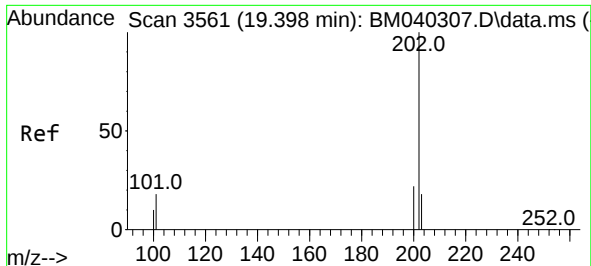
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

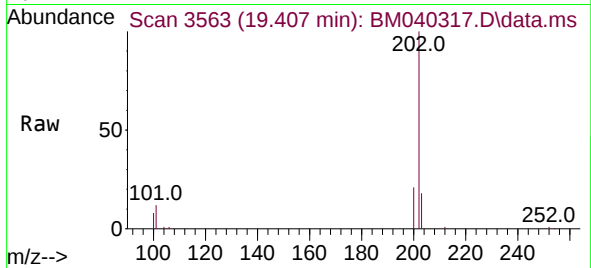
Tgt Ion:178 Resp: 5535
Ion Ratio Lower Upper
178 100
179 22.8 13.0 19.4#
176 23.6 15.5 23.3#





#19
Fluoranthene
Concen: 0.940 ng/u1
RT: 19.407 min Scan# 3563
Delta R.T. -0.000 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

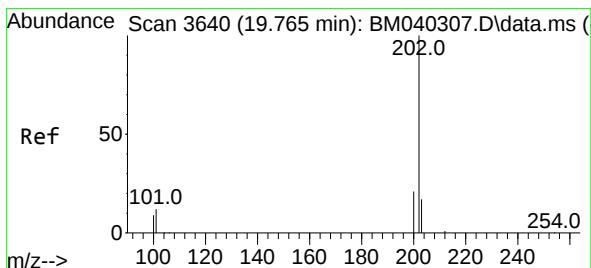
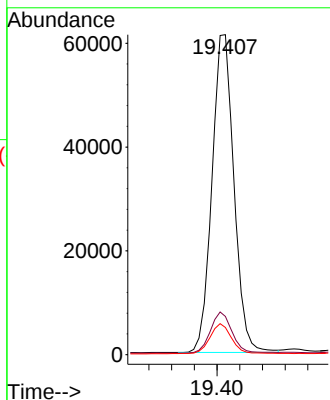
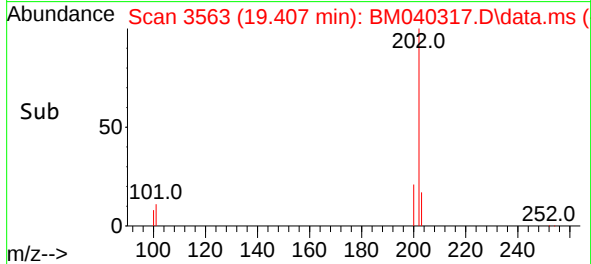
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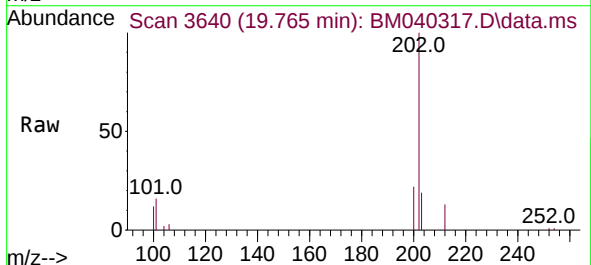
Tgt Ion:202 Resp: 82280
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 8.5 7.6 11.4

Manual Integrations
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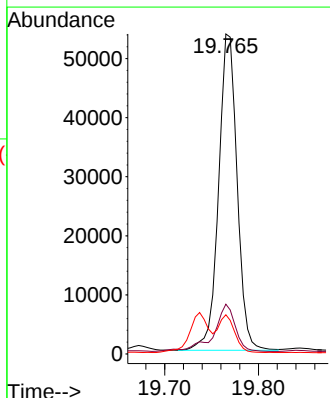
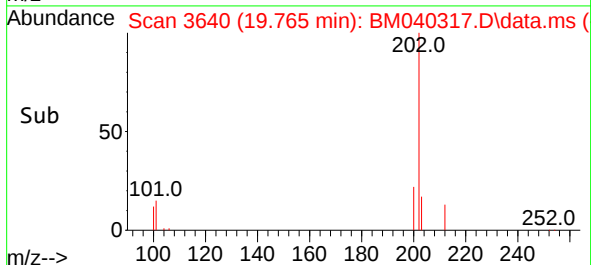
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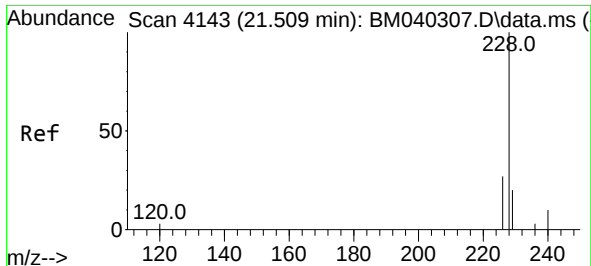


#20
Pyrene
Concen: 0.809 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44



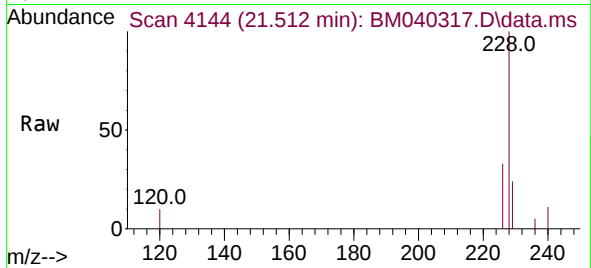
Tgt Ion:202 Resp: 73577
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.3 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.528 ng/ul
RT: 21.512 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

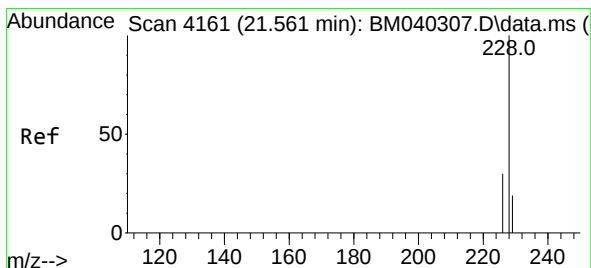
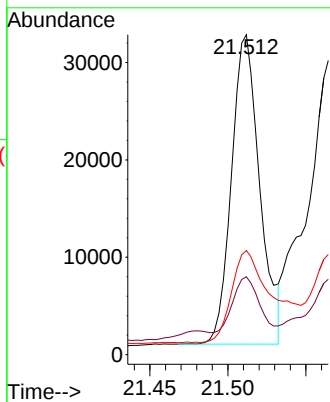
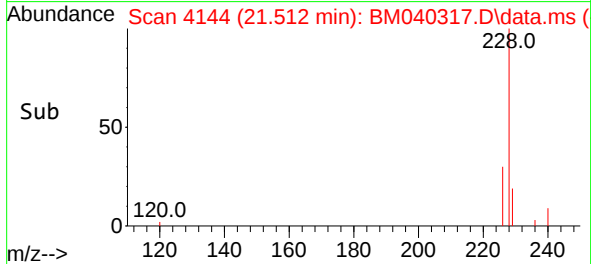
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



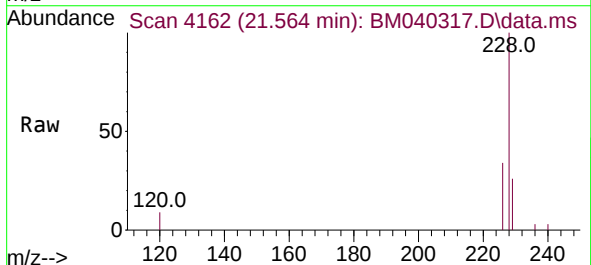
Tgt Ion:228 Resp: 4001
Ion Ratio Lower Upper
228 100
229 24.4 15.8 23.8
226 32.5 22.0 33.0

Manual Integrations
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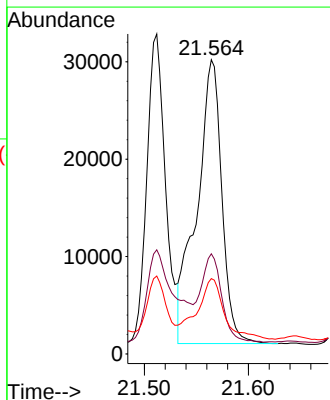
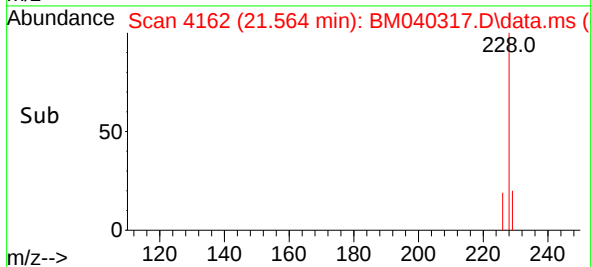
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

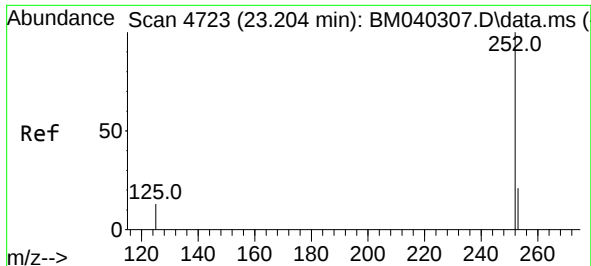


#22
Chrysene
Concen: 0.610 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44



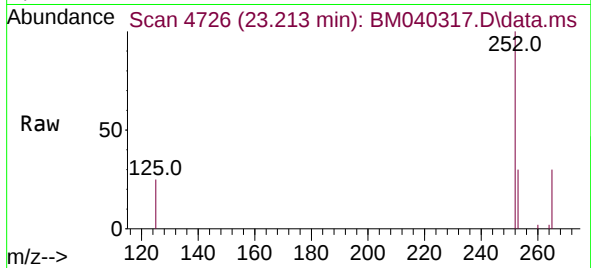
Tgt Ion:228 Resp: 48882
Ion Ratio Lower Upper
228 100
226 34.1 24.3 36.5
229 25.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

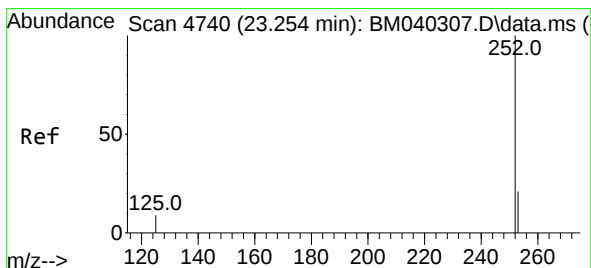
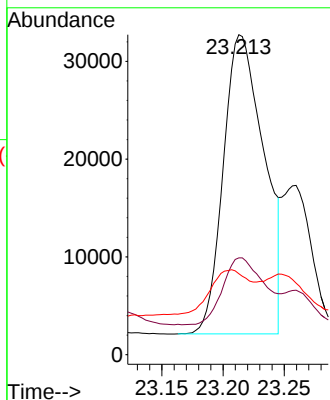
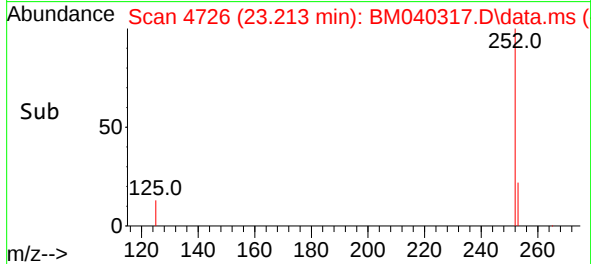
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:252 Resp: 70738
Ion Ratio Lower Upper
252 100
253 30.2 0.0 52.4
125 25.3 0.0 38.4

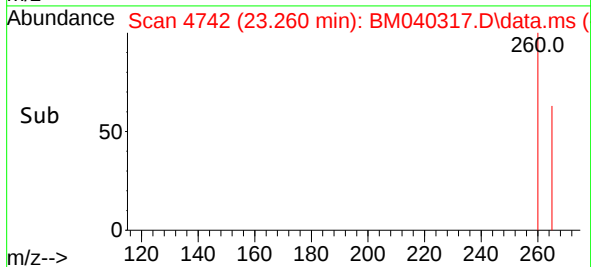
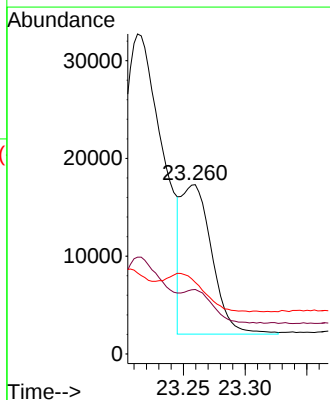
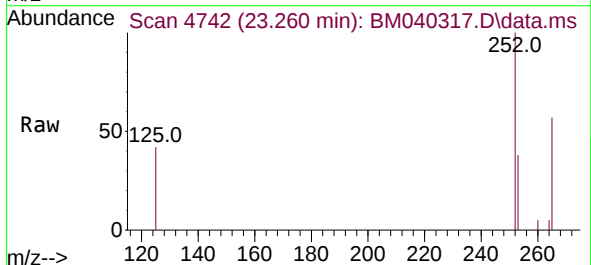
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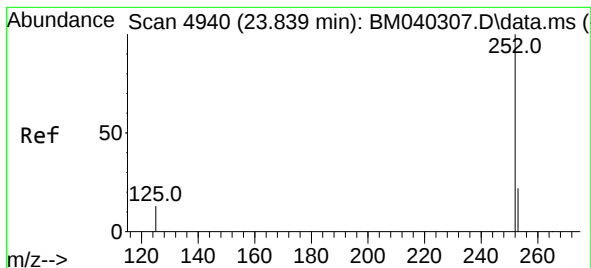
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul m
RT: 23.260 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

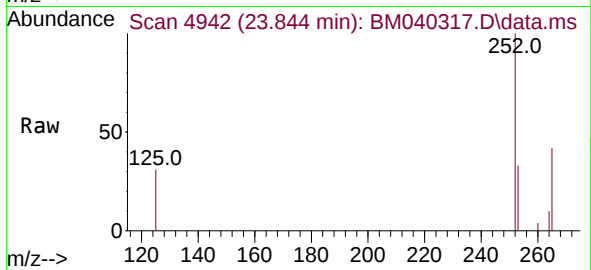
Tgt Ion:252 Resp: 26398
Ion Ratio Lower Upper
252 100
253 38.0 21.5 32.3#
125 42.2 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.570 ng/ul
RT: 23.844 min Scan# 4940
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

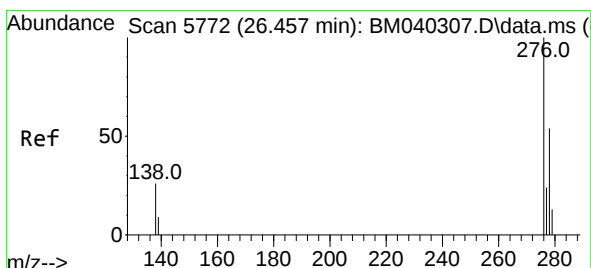
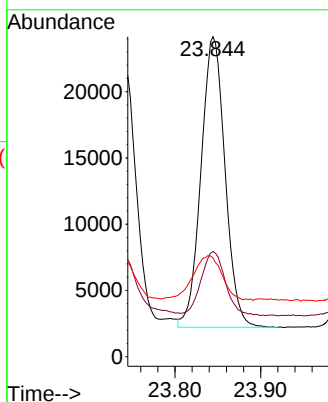
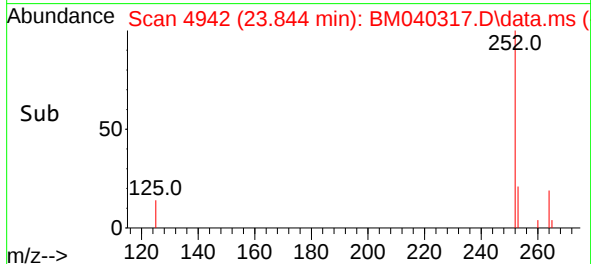
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:252 Resp: 42714
Ion Ratio Lower Upper
252 100
253 32.9 23.4 35.0
125 30.9 19.7 29.5

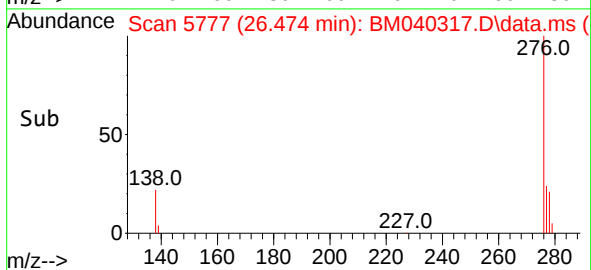
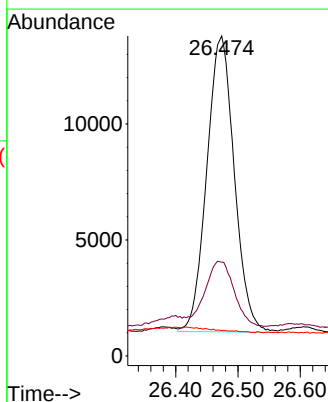
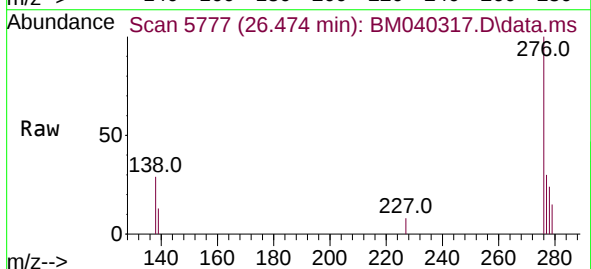
Manual Integrations
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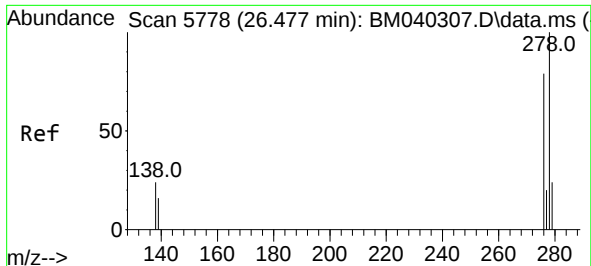
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.474 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

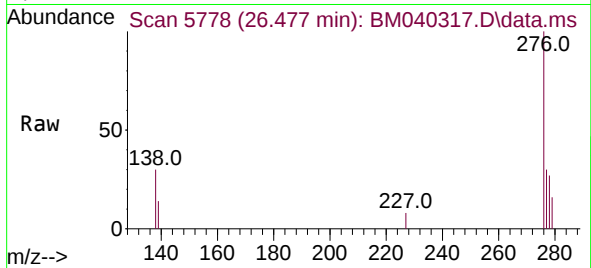
Tgt Ion:276 Resp: 39102
Ion Ratio Lower Upper
276 100
138 23.1 23.3 34.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.135 ng/ul
RT: 26.477 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

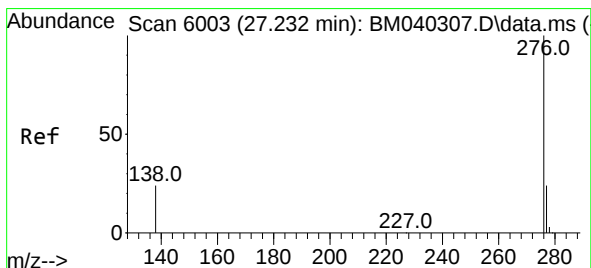
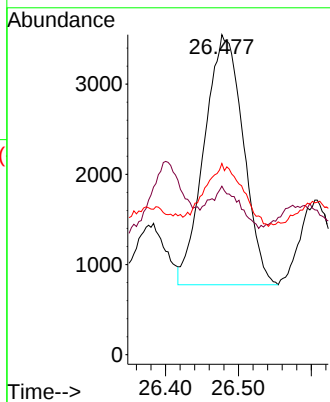
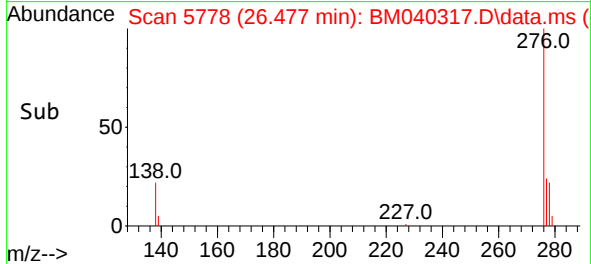
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:278 Resp: 10290
Ion Ratio Lower Upper
278 100
139 52.7 16.4 24.6
279 59.8 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:276 Resp: 38531
Ion Ratio Lower Upper
276 100
138 31.3 21.0 31.4
277 30.2 19.6 29.4

