

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040328.D
 Acq On : 20 Jun 2023 00:11
 Operator : MA/JU
 Sample : 03080-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ5DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 00:53:14 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	7.966	152	7499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	28942	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.605	164	16008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	31370	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	24376	0.400	ng/ul	0.00
23) Perylene-d12	23.944	264	24769	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	11209	1.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	3056	0.083	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	5958	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	2747	0.040	ng/ul#	84
7) 2-Methylnaphthalene	12.433	142	1028	0.024	ng/ul	95
10) Acenaphthylene	14.323	152	2976	0.053	ng/ul#	85
15) Phenanthrene	17.387	178	7245	0.088	ng/ul	94
16) Anthracene	17.480	178	2109	0.030	ng/ul#	78
19) Fluoranthene	19.398	202	18296	0.220	ng/ul	97
20) Pyrene	19.761	202	17059m	0.198	ng/ul	
21) Benzo(a)anthracene	21.506	228	10371	0.144	ng/ul#	87
22) Chrysene	21.559	228	14540	0.191	ng/ul#	89
24) Benzo(b)fluoranthene	23.207	252	20613	0.226	ng/ul#	67
25) Benzo(k)fluoranthene	23.251	252	8417m	0.098	ng/ul	
26) Benzo(a)pyrene	23.836	252	11751	0.157	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.457	276	10002	0.105	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.471	278	3018	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	27.232	276	10124	0.128	ng/ul#	74

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

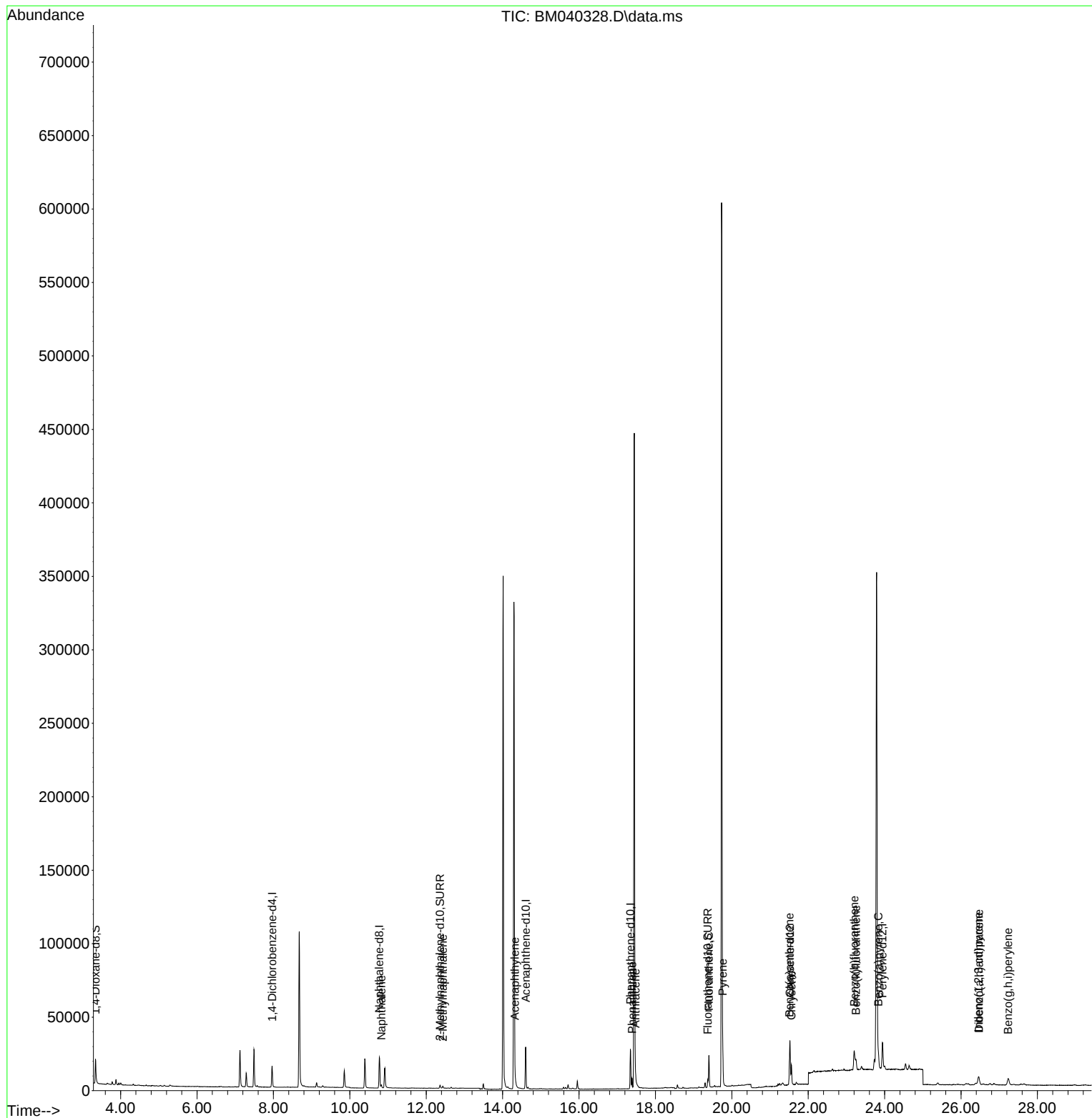
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
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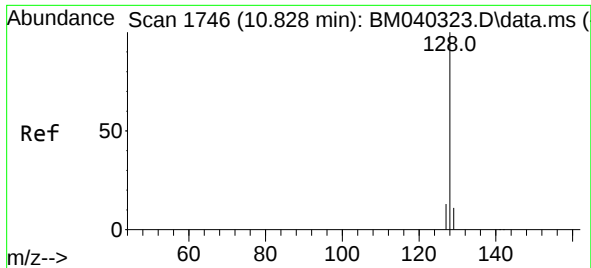
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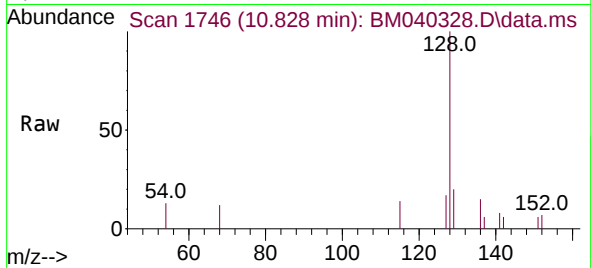
Quant Time: Jun 20 00:53:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

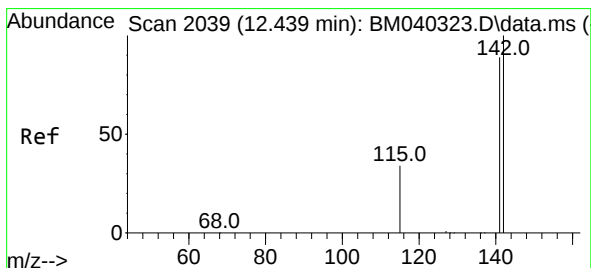
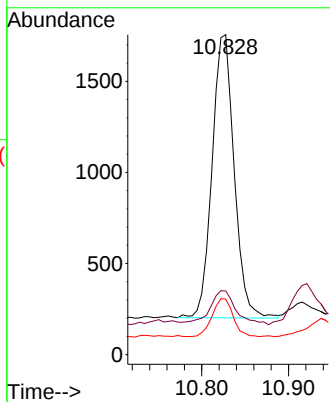
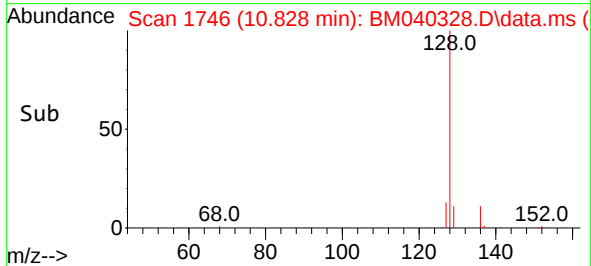
Instrument :
BNA_M
ClientSampleId :
DCFQ5DL



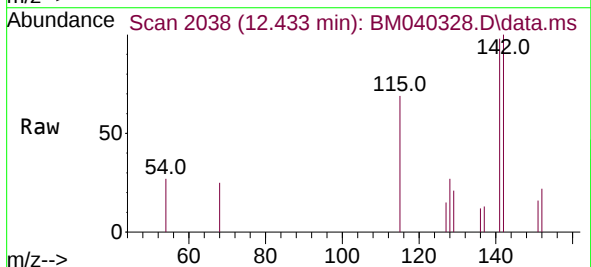
Tgt Ion:128 Resp: 274
Ion Ratio Lower Upper
128 100
129 19.9 9.1 13.7
127 17.3 10.4 15.6

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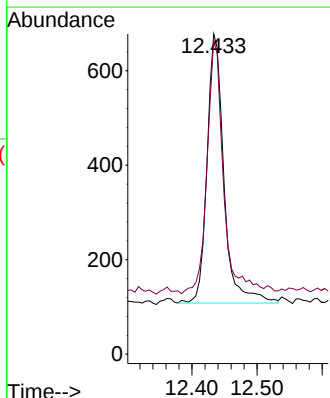
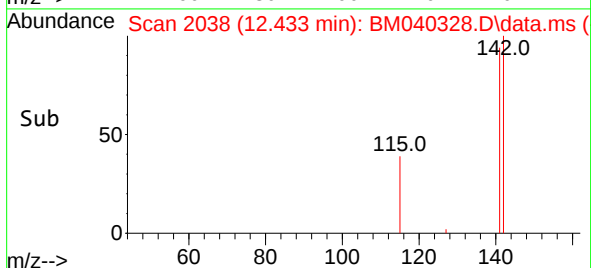
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

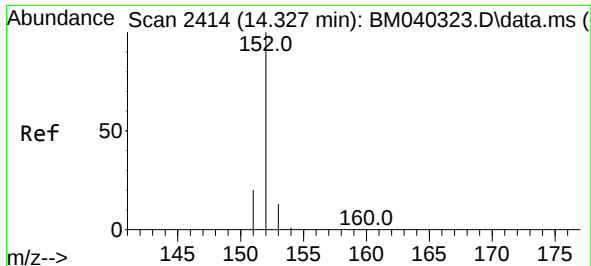


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11



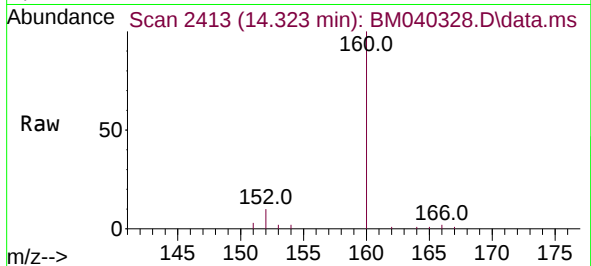
Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
141 92.7 70.6 106.0





#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.323 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

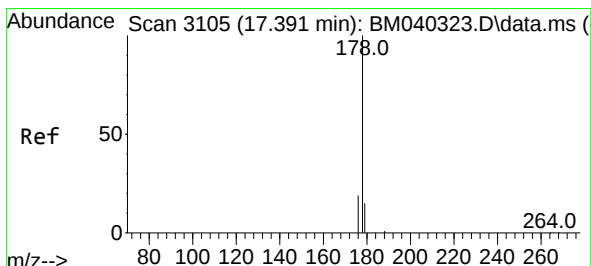
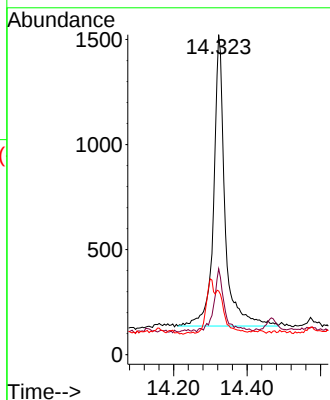
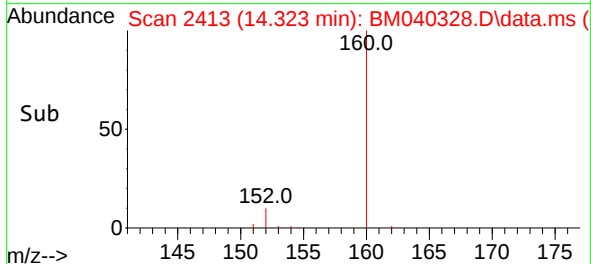
Instrument :
BNA_M
ClientSampleId :
DCFQ5DL



Tgt Ion:152 Resp: 2970
Ion Ratio Lower Upper
152 100
151 26.9 16.3 24.5
153 19.9 10.7 16.1

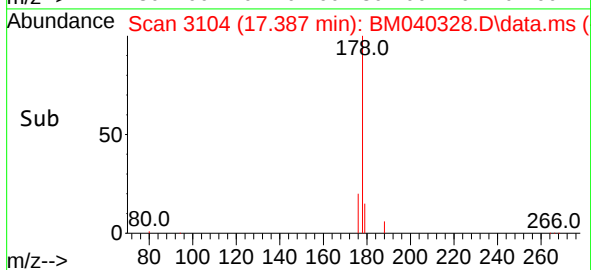
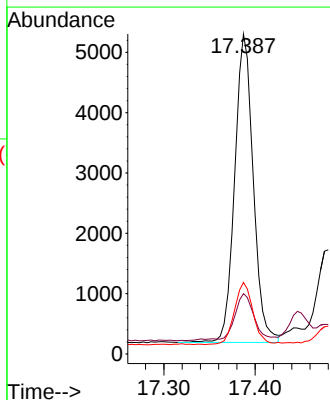
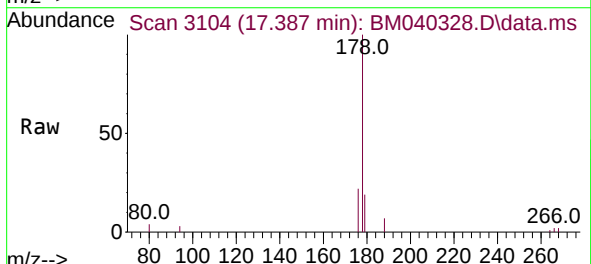
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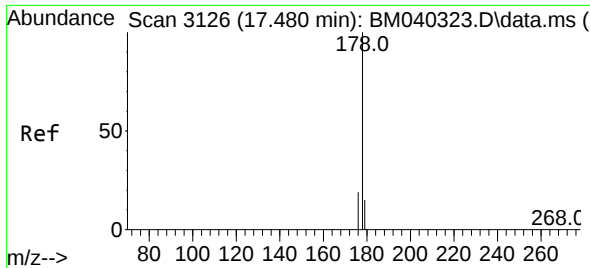
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#15
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.387 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

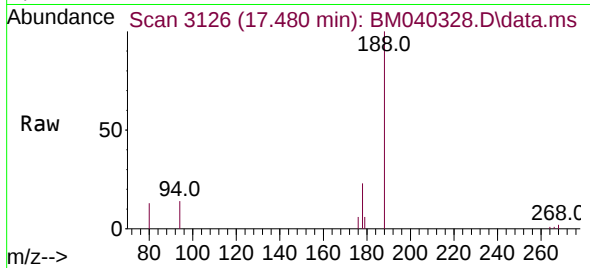
Tgt Ion:178 Resp: 7245
Ion Ratio Lower Upper
178 100
179 18.9 12.6 19.0
176 22.4 16.1 24.1





#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.480 min Scan# 3126
 Delta R.T. -0.008 min
 Lab File: BM040328.D
 Acq: 20 Jun 2023 00:11

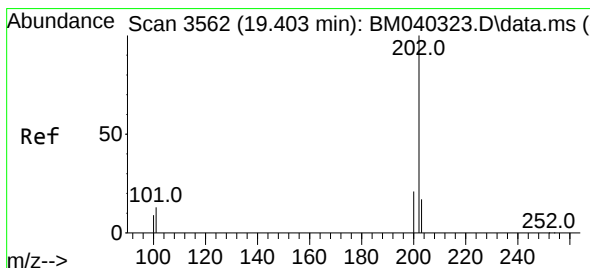
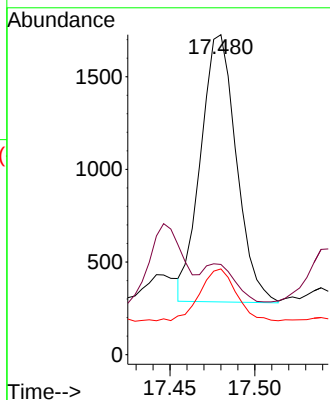
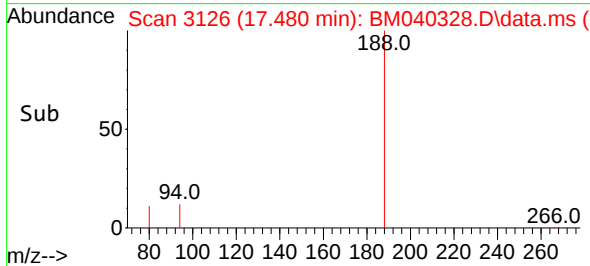
Instrument :
 BNA_M
 ClientSampleId :
 DCFQ5DL



Tgt Ion:178 Resp: 2109
 Ion Ratio Lower Upper
 178 100
 179 28.2 13.0 19.4
 176 26.8 15.5 23.3

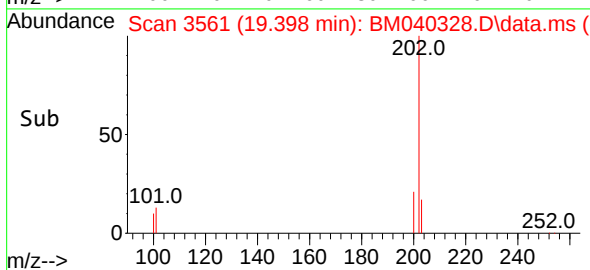
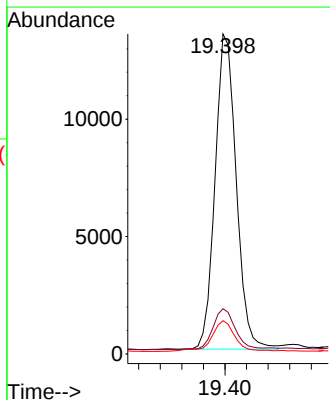
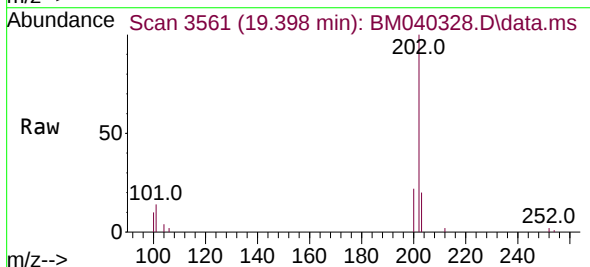
Manual Integrations
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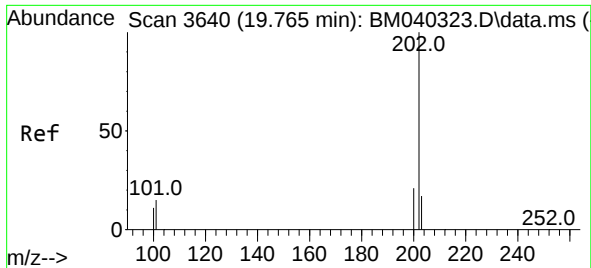
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#19
 Fluoranthene
 Concen: 0.220 ng/ul
 RT: 19.398 min Scan# 3561
 Delta R.T. -0.009 min
 Lab File: BM040328.D
 Acq: 20 Jun 2023 00:11

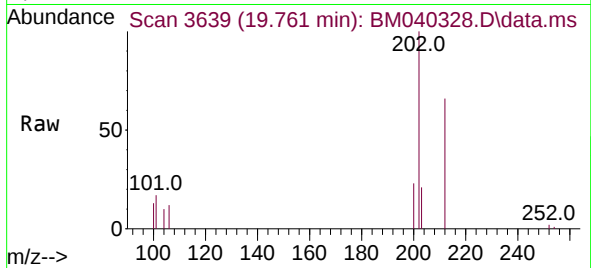
Tgt Ion:202 Resp: 18296
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.2 15.4
 100 10.4 7.6 11.4





#20
Pyrene
Concen: 0.198 ng/ul m
RT: 19.761 min Scan# 3639
Delta R.T. -0.009 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

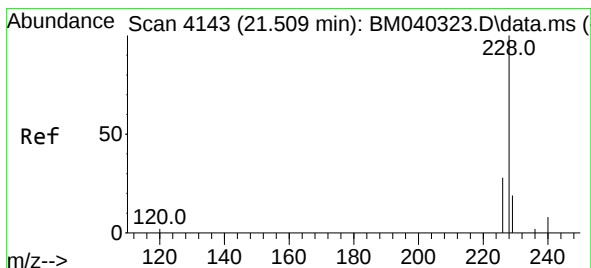
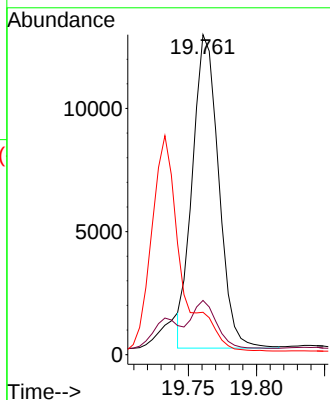
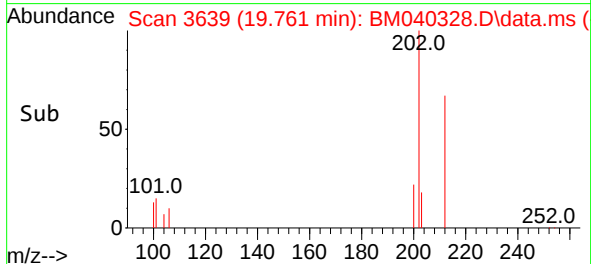
Instrument :
BNA_M
ClientSampleId :
DCFQ5DL



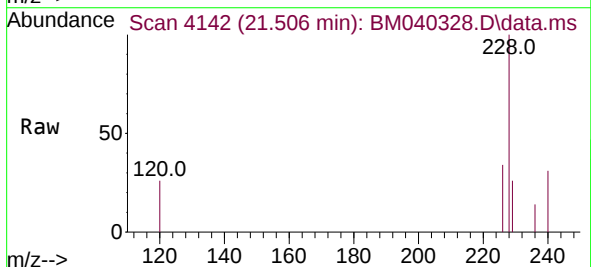
Tgt Ion:202 Resp: 17059
Ion Ratio Lower Upper
202 100
101 17.0 11.8 17.8
100 13.2 9.3 13.9

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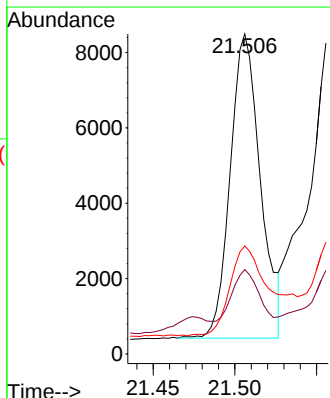
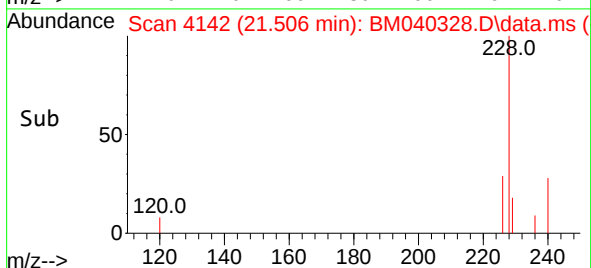
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

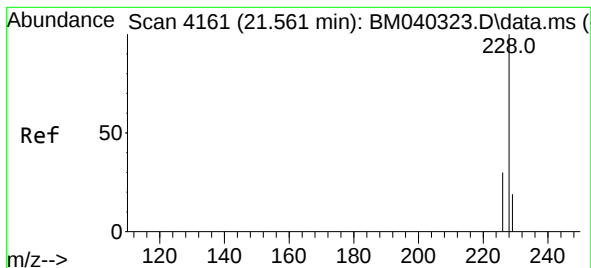


#21
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.506 min Scan# 4142
Delta R.T. -0.009 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11



Tgt Ion:228 Resp: 10371
Ion Ratio Lower Upper
228 100
229 26.4 15.8 23.8#
226 33.7 22.0 33.0#





#22

Chrysene

Concen: 0.191 ng/ul

RT: 21.559 min Scan# 4161

Delta R.T. -0.012 min

Lab File: BM040328.D

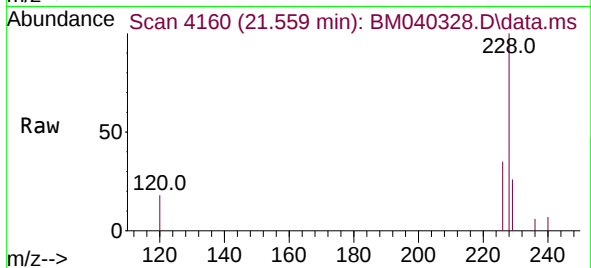
Acq: 20 Jun 2023 00:11

Instrument :

BNA_M

ClientSampleId :

DCFQ5DL



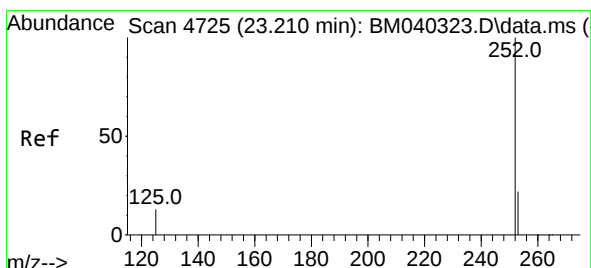
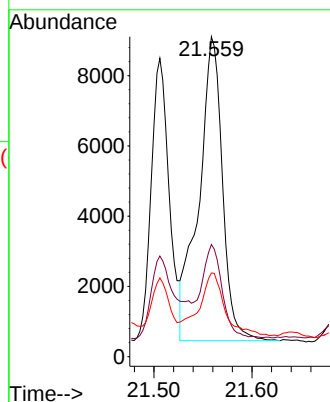
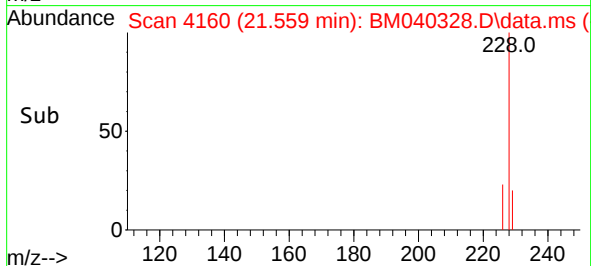
Tgt Ion:	228	Resp:	14540
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.3	36.5
229	26.2	15.7	23.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2023



#24

Benzo(b)fluoranthene

Concen: 0.226 ng/ul

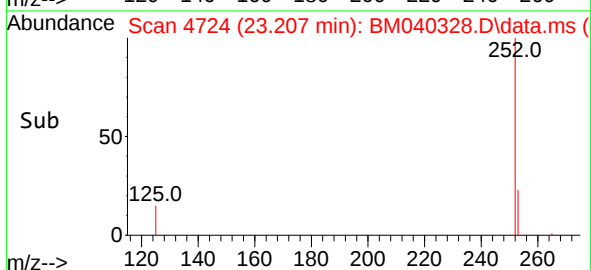
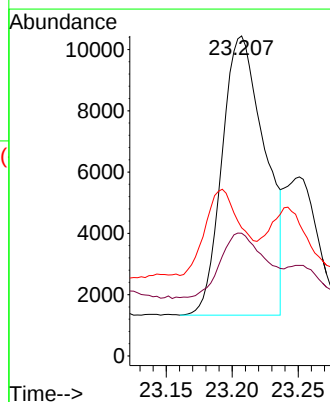
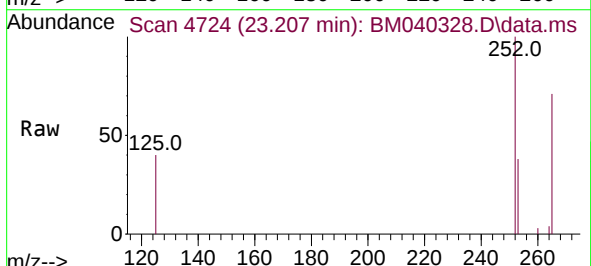
RT: 23.207 min Scan# 4724

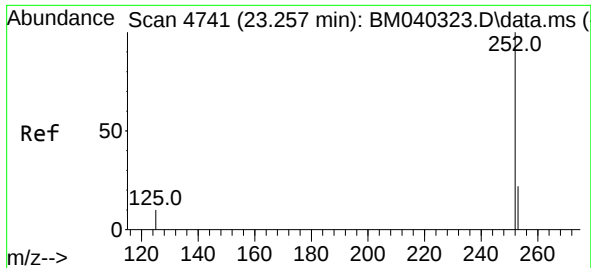
Delta R.T. -0.009 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

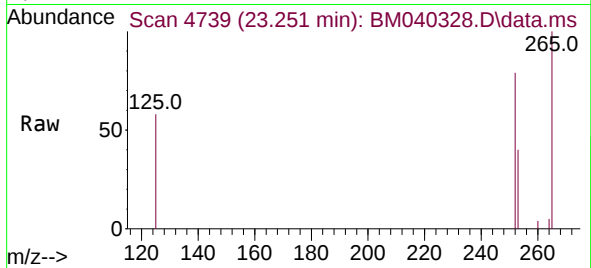
Tgt Ion:	252	Resp:	20613
Ion Ratio	Lower	Upper	
252	100		
253	38.3	0.0	52.4
125	40.1	0.0	38.4





#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.251 min Scan# 4739
Delta R.T. -0.015 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

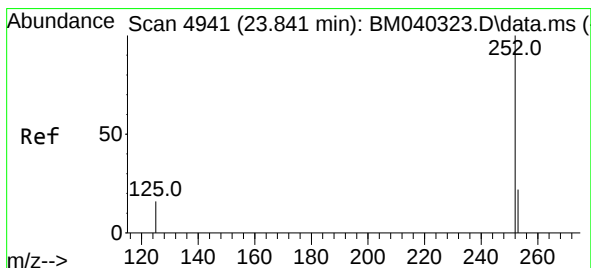
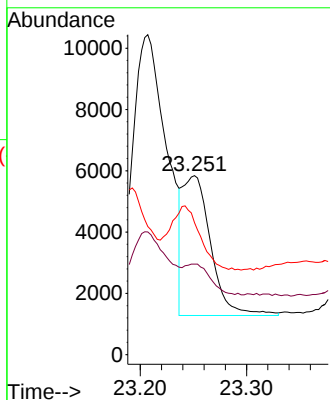
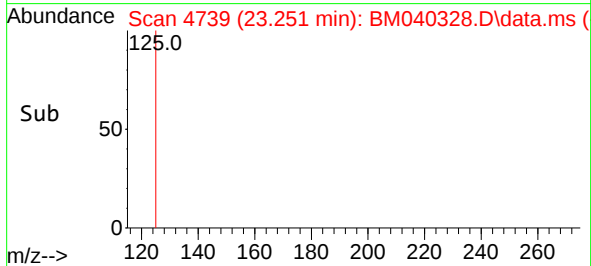
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BNA_M
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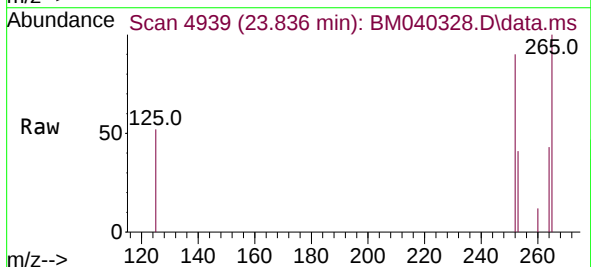
Tgt Ion:252 Resp: 841
Ion Ratio Lower Upper
252 100
253 50.6 21.5 32.3#
125 73.7 14.7 22.1#

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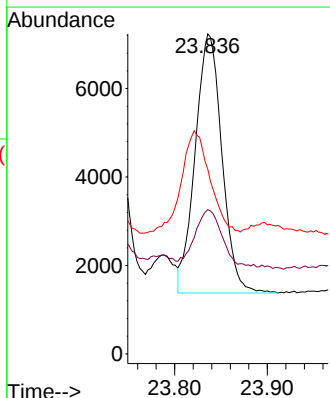
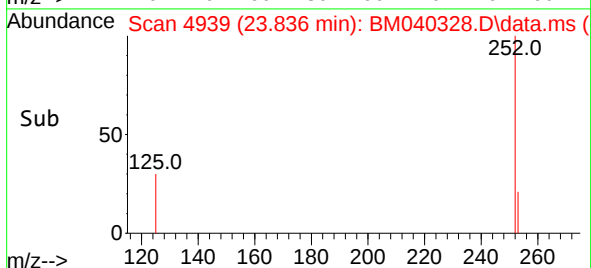
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

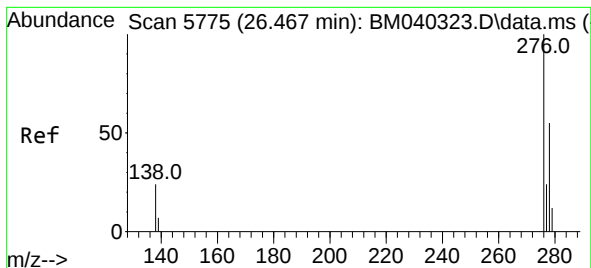


#26
Benzo(a)pyrene
Concen: 0.157 ng/ul
RT: 23.836 min Scan# 4939
Delta R.T. -0.015 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11



Tgt Ion:252 Resp: 11751
Ion Ratio Lower Upper
252 100
253 45.1 23.4 35.0#
125 57.8 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng/ul

RT: 26.457 min Scan# 5775

Delta R.T. -0.020 min

Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

Instrument :

BNA_M

ClientSampleId :

DCFQ5DL

Tgt Ion:276 Resp: 1000

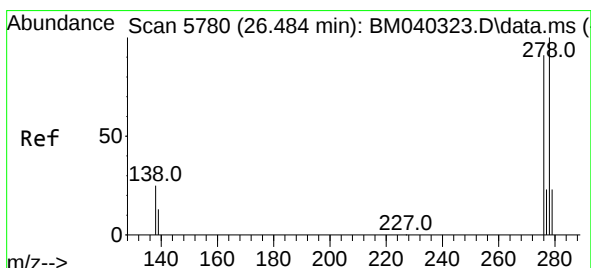
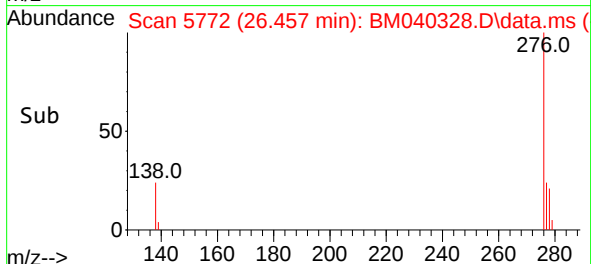
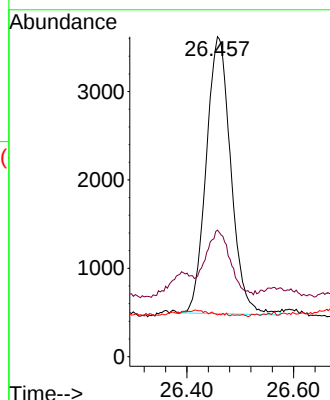
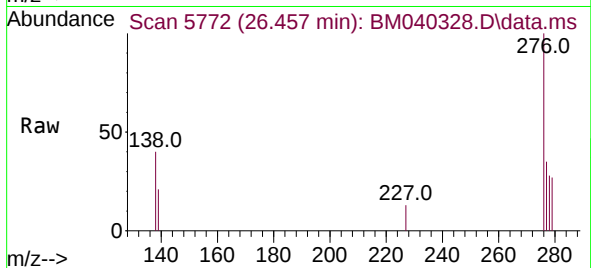
Ion	Ratio	Lower	Upper
276	100		
138	24.2	23.3	34.9
227	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 26.471 min Scan# 5776

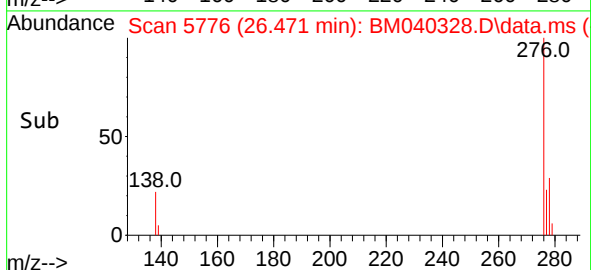
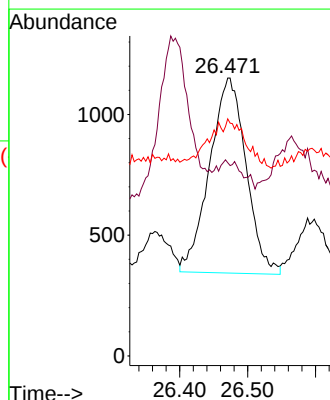
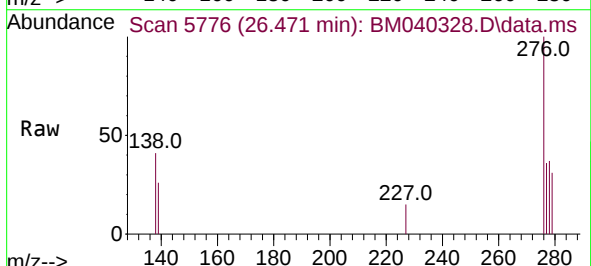
Delta R.T. -0.027 min

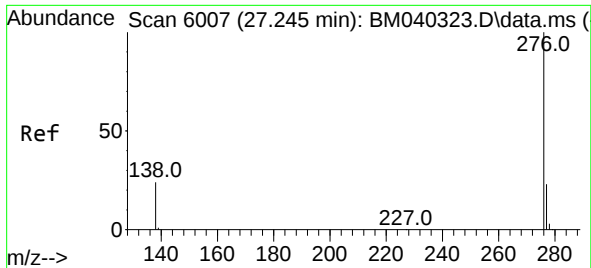
Lab File: BM040328.D

Acq: 20 Jun 2023 00:11

Tgt Ion:278 Resp: 3018

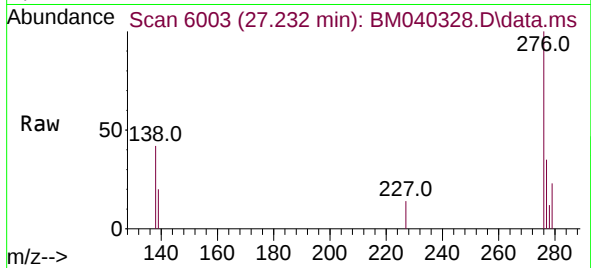
Ion	Ratio	Lower	Upper
278	100		
139	69.5	16.4	24.6#
279	85.3	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul
RT: 27.232 min Scan# 6003
Delta R.T. -0.023 min
Lab File: BM040328.D
Acq: 20 Jun 2023 00:11

Instrument :
BNA_M
ClientSampleId :
DCFQ5DL



Tgt Ion:276 Resp: 10124
Ion Ratio Lower Upper
276 100
138 41.6 21.0 31.4
277 34.8 19.6 29.4

Manual Integrations
APPROVED

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

