

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028089.D
 Acq On : 06 Oct 2023 17:44
 Operator : MA/JU
 Sample : 04527-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:31:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	6023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	21286	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	10276	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	20348	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	17525	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	21298	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4251	0.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	990	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1720	0.031	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	648	0.081	ng/ul#	54
5) Naphthalene	10.806	128	114566	1.896	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	61244	1.606	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	40096	1.016	ng/ul	99
10) Acenaphthylene	14.310	152	15993	0.343	ng/ul#	94
11) Acenaphthene	14.647	153	20520	0.553	ng/ul	99
12) Fluorene	15.633	166	39394	0.954	ng/ul	99
15) Phenanthrene	17.379	178	249695	4.117	ng/ul	99
16) Anthracene	17.472	178	43332	0.799	ng/ul#	95
19) Fluoranthene	19.399	202	311257	4.651	ng/ul	99
20) Pyrene	19.766	202	339870m	4.900	ng/ul	
21) Benzo(a)anthracene	21.513	228	225707	3.527	ng/ul	96
22) Chrysene	21.568	228	303906	4.703	ng/ul#	96
24) Benzo(b)fluoranthene	23.237	252	549918m	6.963	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	174038m	2.215	ng/ul	
26) Benzo(a)pyrene	23.889	252	348783	5.180	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.592	276	302851	3.717	ng/ul	92
28) Dibenzo(a,h)anthracene	26.599	278	79689	1.202	ng/ul#	89
29) Benzo(g,h,i)perylene	27.411	276	322008	4.834	ng/ul	99

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

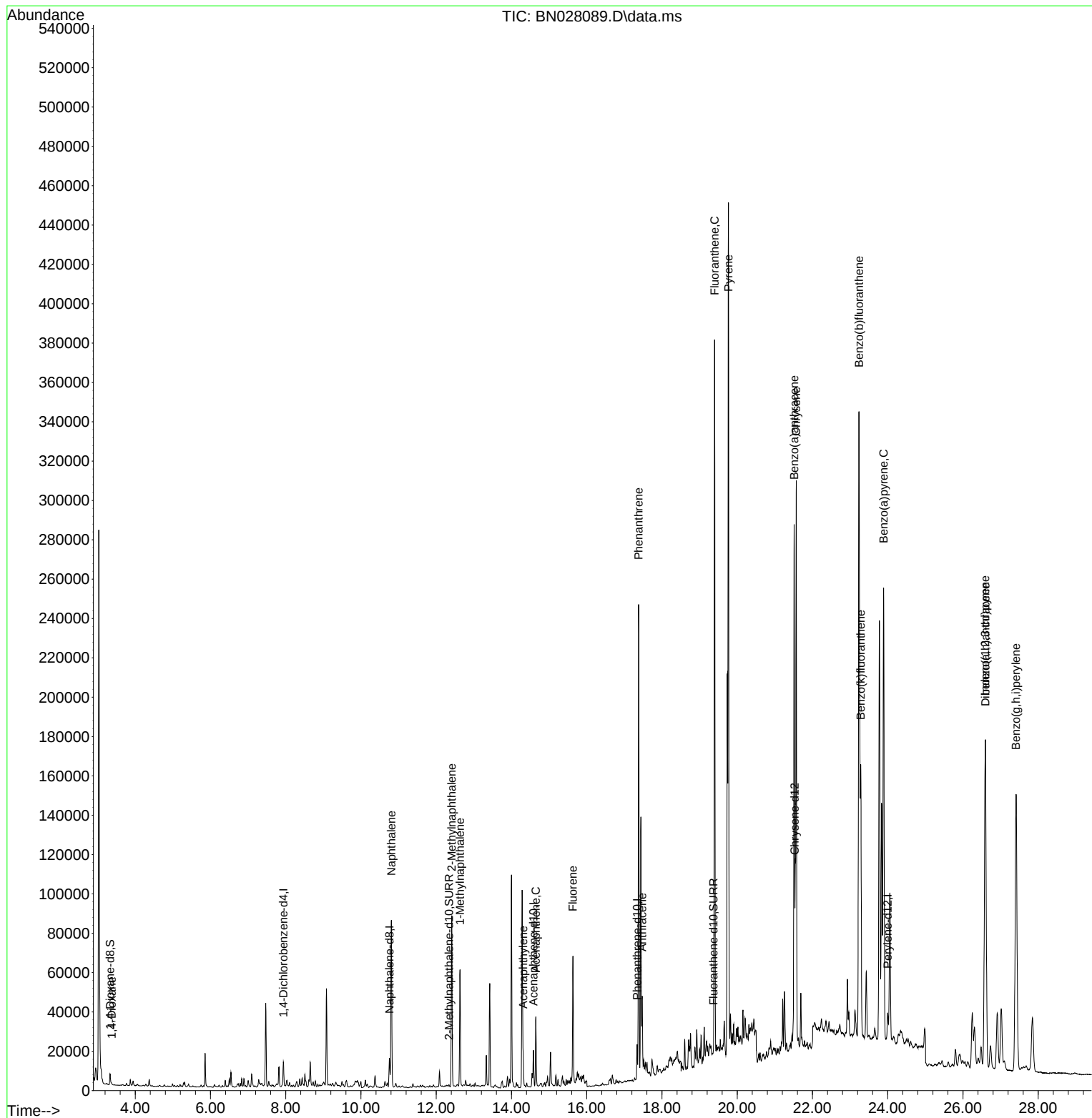
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
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ALS Vial : 14 Sample Multiplier: 1

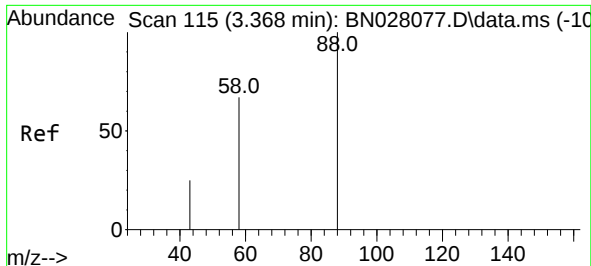
Instrument :
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EZYH0DL

Quant Time: Oct 07 00:31:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
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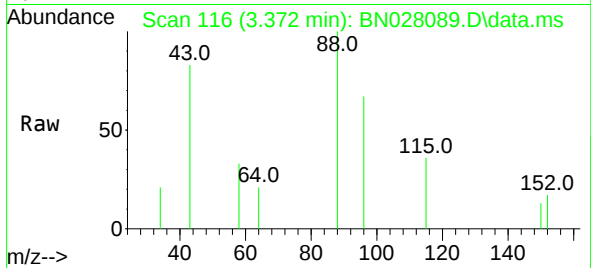
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023





#2
1,4-Dioxane
Concen: 0.081 ng/ul
RT: 3.372 min Scan# 116
Delta R.T. 0.008 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

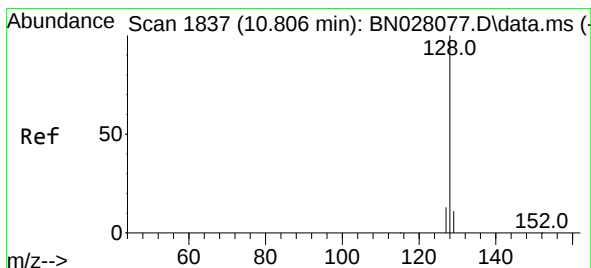
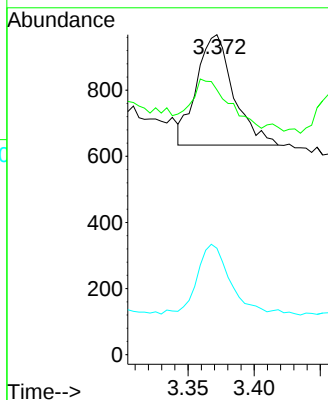
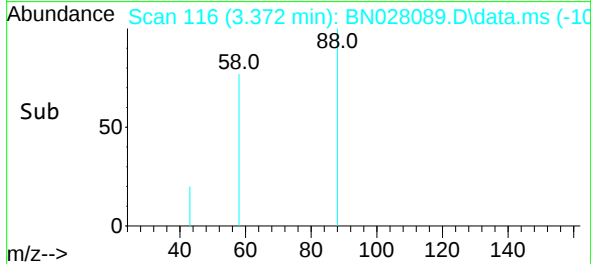
Instrument :
BNA_N
ClientSampleId :
EZYH0DL



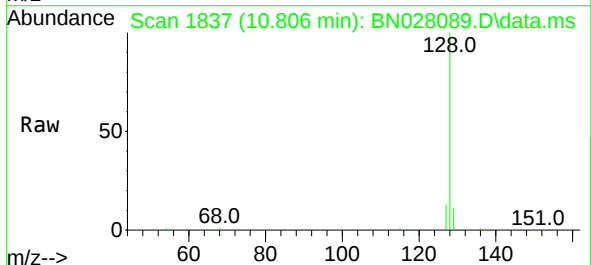
Tgt Ion: 88 Resp: 648
Ion Ratio Lower Upper
88 100
43 82.7 33.4 50.2
58 33.3 45.7 68.5

Manual Integrations
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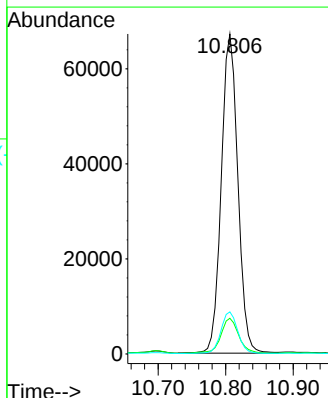
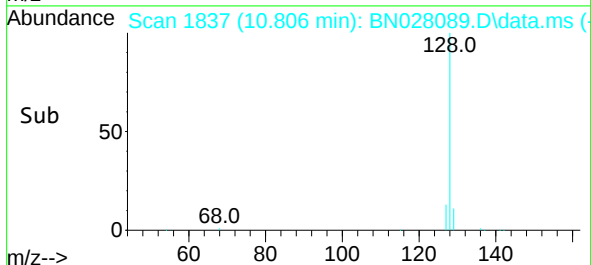
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

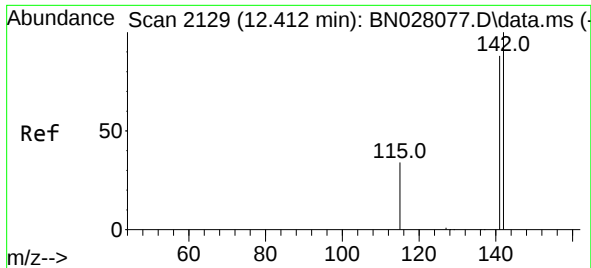


#5
Naphthalene
Concen: 1.896 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44



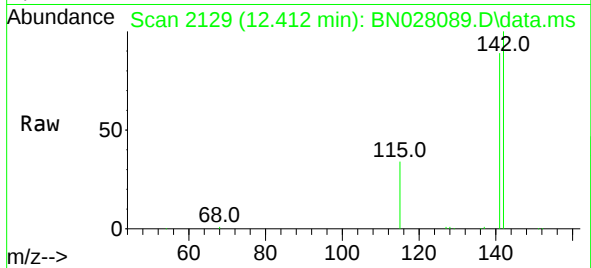
Tgt Ion:128 Resp: 114566
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.2 11.0 16.4





#7
2-Methylnaphthalene
Concen: 1.606 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

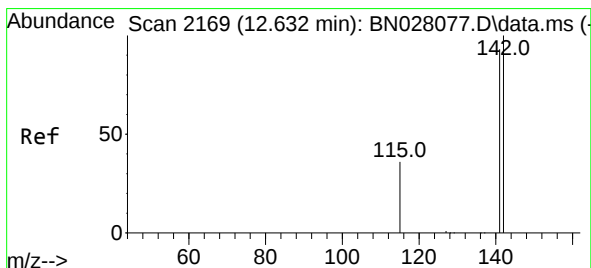
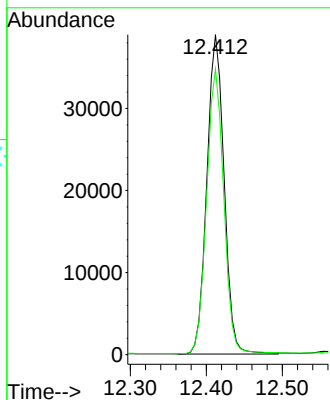
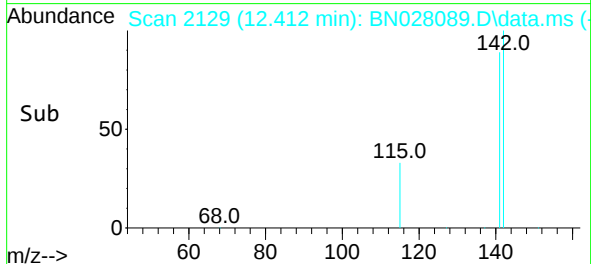
Instrument :
BNA_N
ClientSampleId :
EZYH0DL



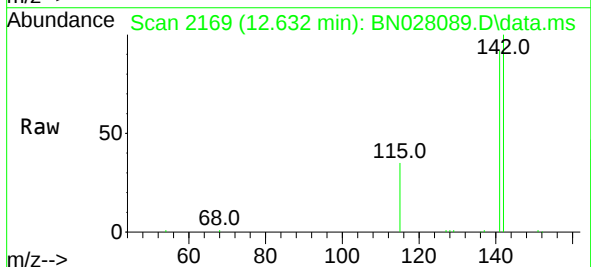
Tgt Ion:142 Resp: 61244
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

Manual Integrations
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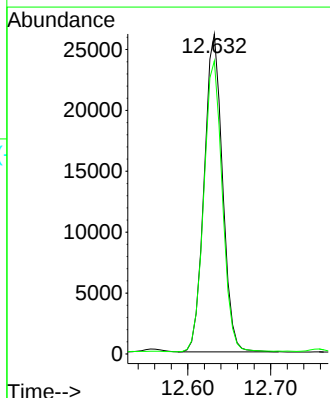
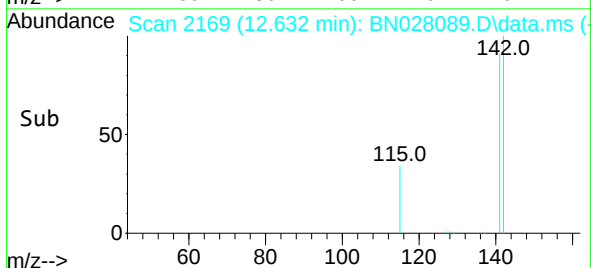
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

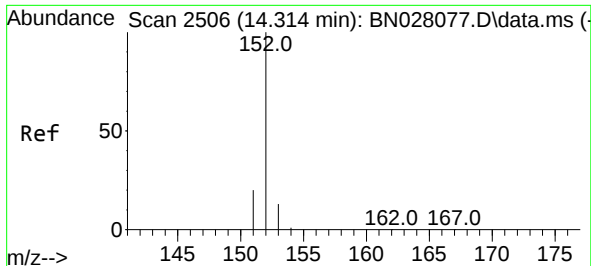


#8
1-Methylnaphthalene
Concen: 1.016 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44



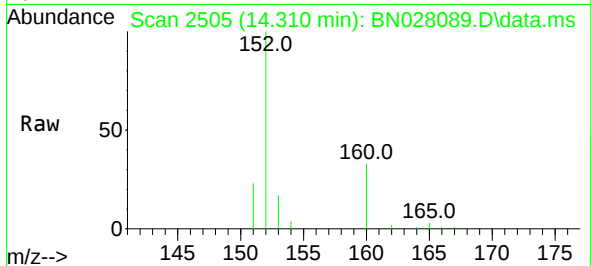
Tgt Ion:142 Resp: 40096
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6





#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.310 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

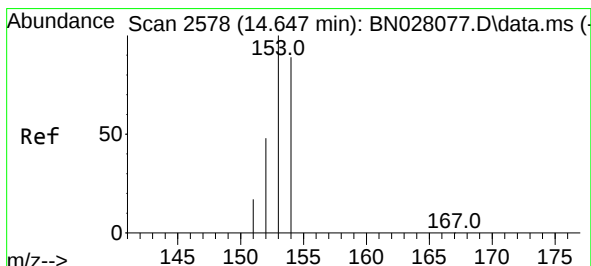
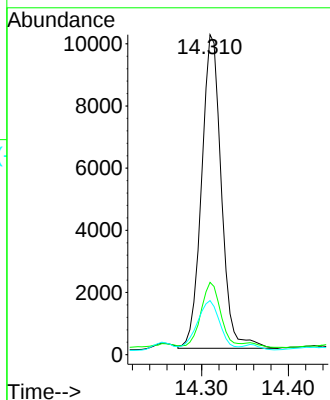
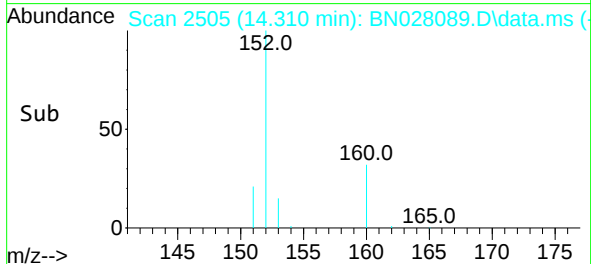
Instrument :
BNA_N
ClientSampleId :
EZYH0DL



Tgt Ion:152 Resp: 1599
Ion Ratio Lower Upper
152 100
151 22.6 16.4 24.6
153 16.9 10.9 16.3

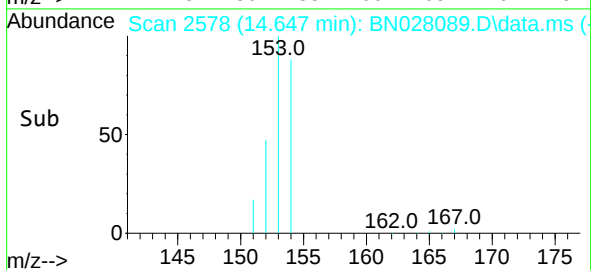
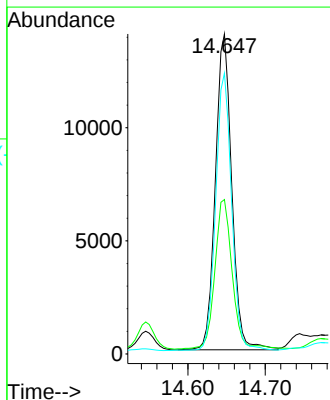
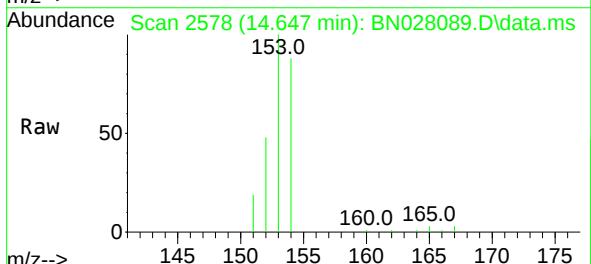
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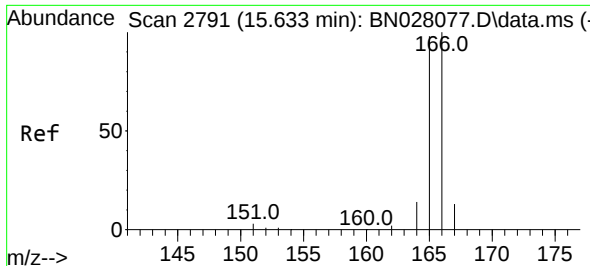
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#11
Acenaphthene
Concen: 0.553 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

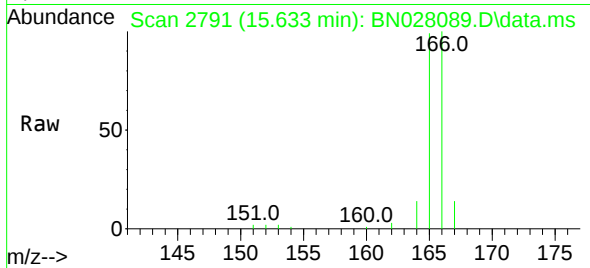
Tgt Ion:153 Resp: 20520
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.0
154 87.8 70.2 105.4





#12
Fluorene
Concen: 0.954 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

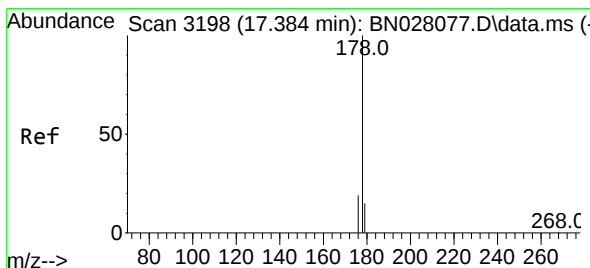
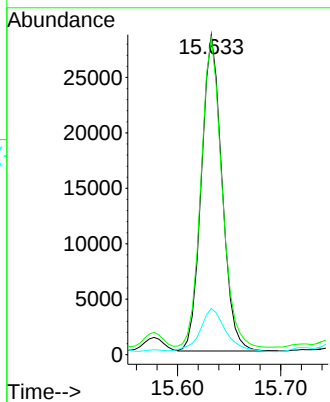
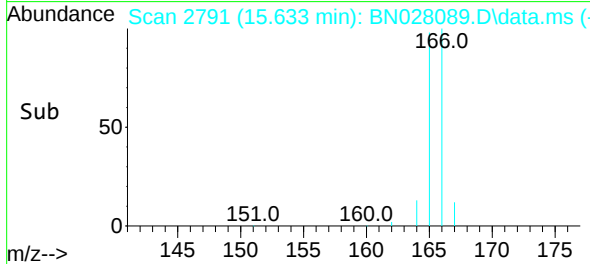
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ClientSampleId :
EZYH0DL



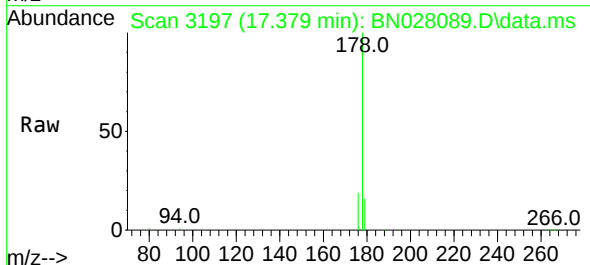
Tgt Ion:166 Resp: 39394
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 14.4 11.2 16.8

Manual Integrations
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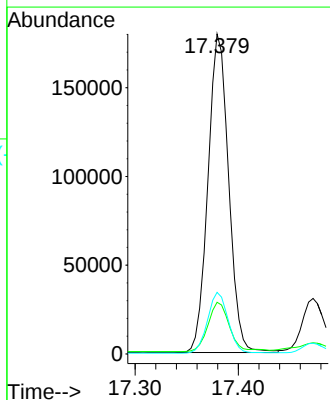
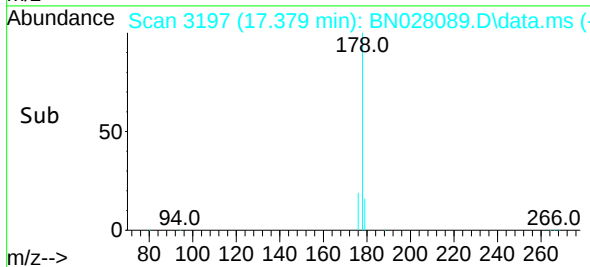
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

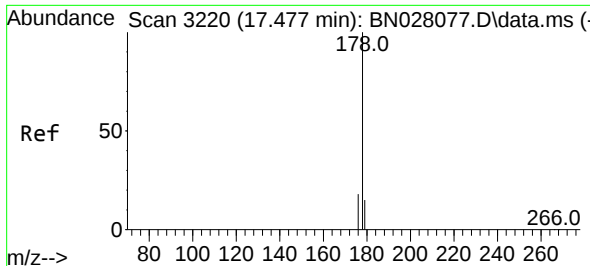


#15
Phenanthrene
Concen: 4.117 ng/ul
RT: 17.379 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44



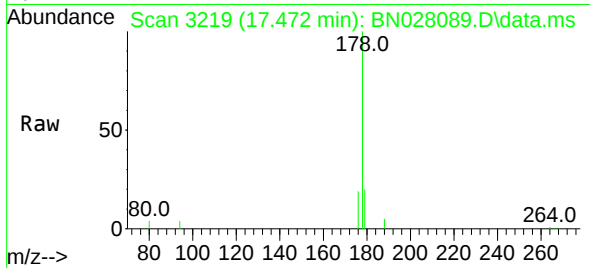
Tgt Ion:178 Resp: 249695
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.2 15.5 23.3





#16
 Anthracene
 Concen: 0.799 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028089.D
 Acq: 06 Oct 2023 17:44

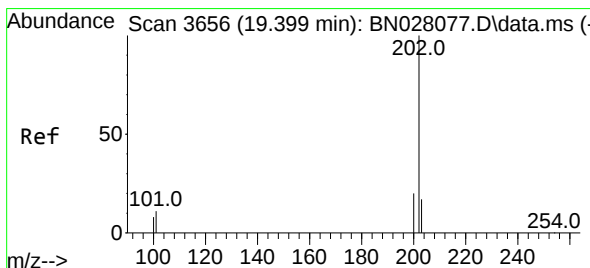
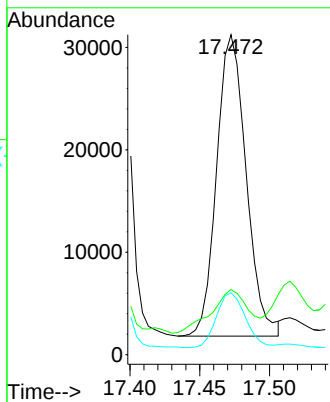
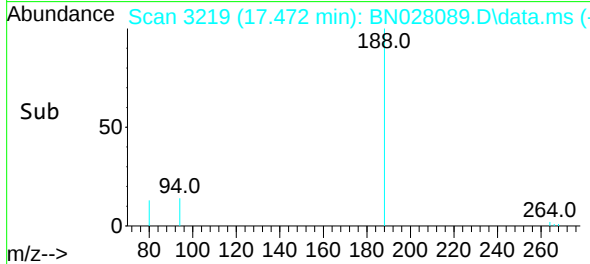
Instrument :
 BNA_N
 ClientSampleId :
 EZYH0DL



Tgt Ion:178 Resp: 43332
 Ion Ratio Lower Upper
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 179 20.3 12.8 19.2
 176 19.4 15.0 22.6

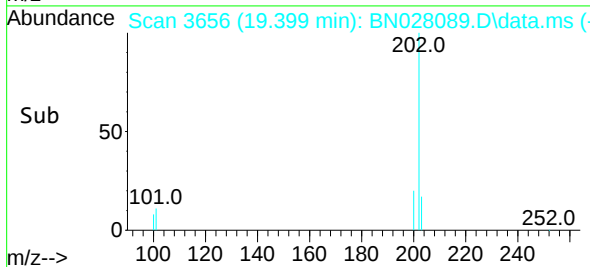
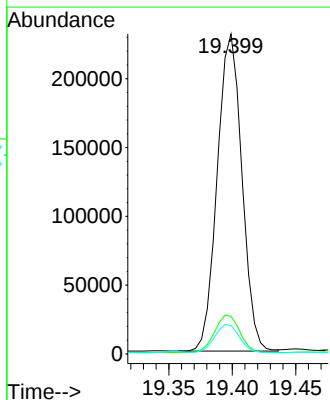
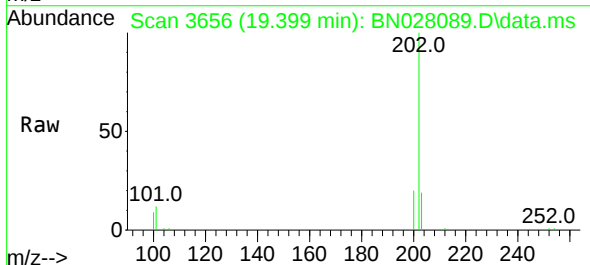
Manual Integrations
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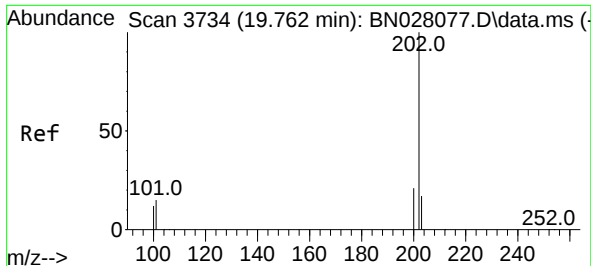
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#19
 Fluoranthene
 Concen: 4.651 ng/ul
 RT: 19.399 min Scan# 3656
 Delta R.T. 0.009 min
 Lab File: BN028089.D
 Acq: 06 Oct 2023 17:44

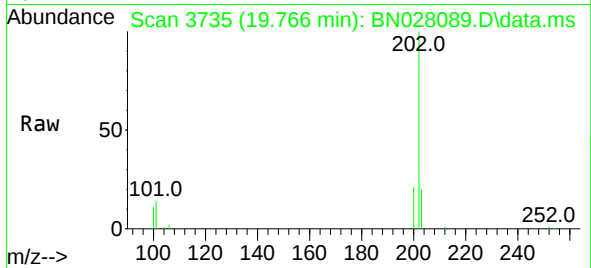
Tgt Ion:202 Resp: 311257
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.6 14.4
 100 8.9 7.4 11.0





#20
Pyrene
Concen: 4.900 ng/ul m
RT: 19.766 min Scan# 31
Delta R.T. 0.009 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

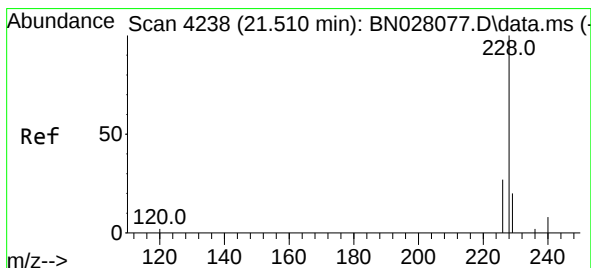
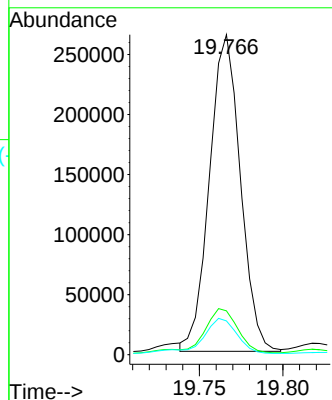
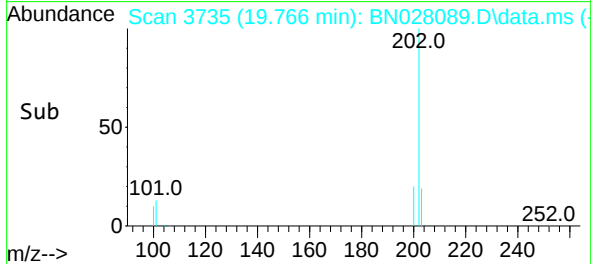
Instrument :
BNA_N
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EZYH0DL



Tgt Ion:202 Resp: 339870
Ion Ratio Lower Upper
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101 13.7 11.2 16.8
100 10.5 9.1 13.7

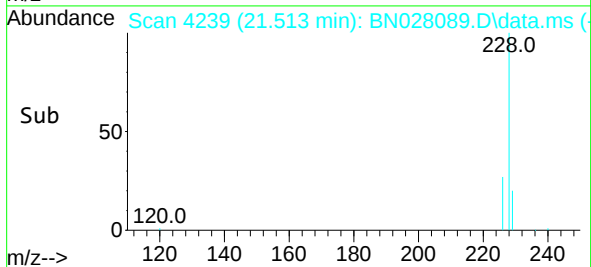
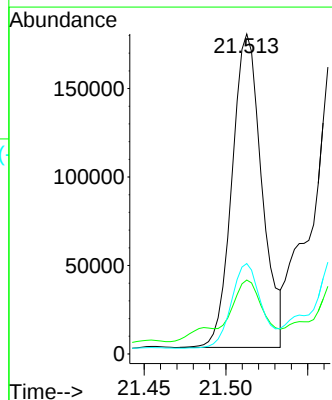
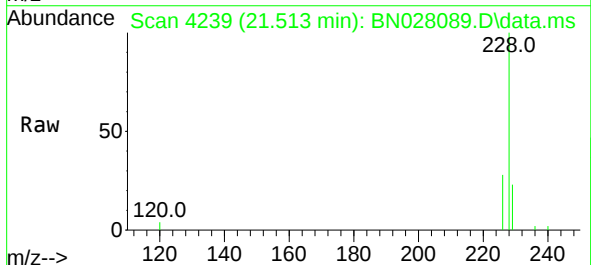
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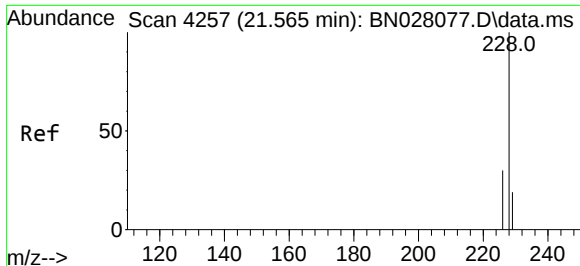
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#21
Benzo(a)anthracene
Concen: 3.527 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. 0.012 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

Tgt Ion:228 Resp: 225707
Ion Ratio Lower Upper
228 100
229 23.1 16.0 24.0
226 28.3 21.5 32.3





#22

Chrysene

Concen: 4.703 ng/ul

RT: 21.568 min Scan# 4258

Delta R.T. 0.012 min

Lab File: BN028089.D

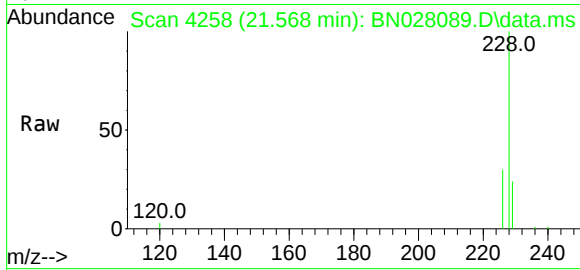
Acq: 06 Oct 2023 17:44

Instrument :

BNA_N

ClientSampleId :

EZYH0DL



Tgt Ion:228 Resp: 303900

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

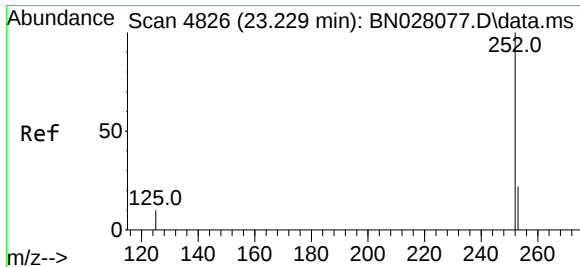
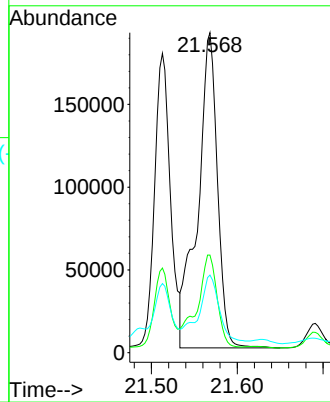
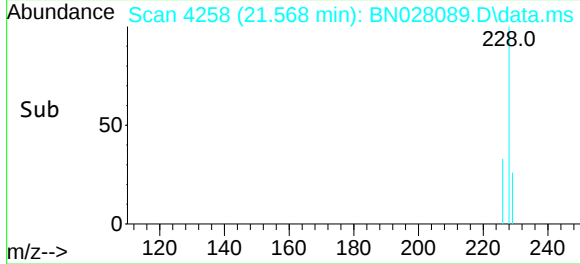
229 24.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#24

Benzo(b)fluoranthene

Concen: 6.963 ng/ul m

RT: 23.237 min Scan# 4829

Delta R.T. 0.020 min

Lab File: BN028089.D

Acq: 06 Oct 2023 17:44

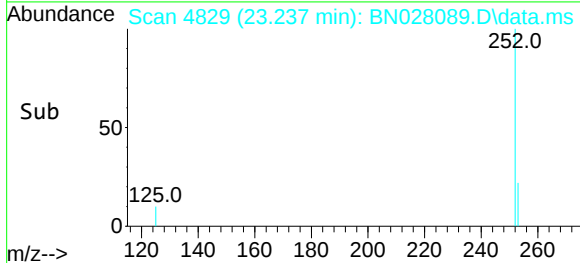
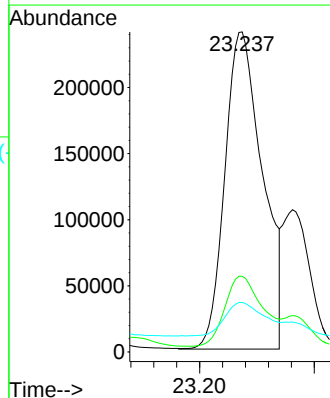
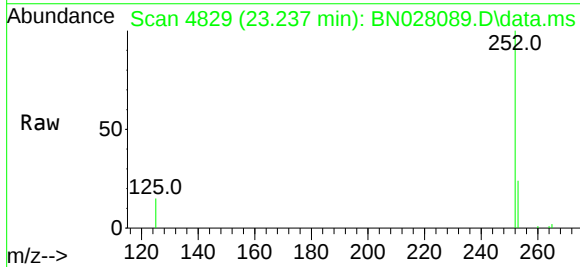
Tgt Ion:252 Resp: 549918

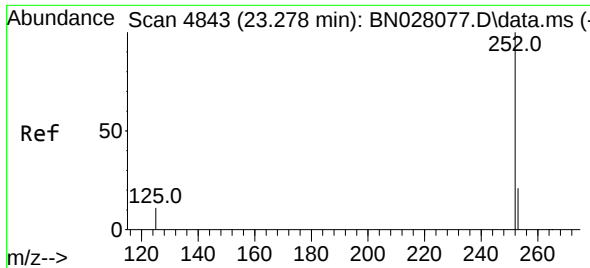
Ion Ratio Lower Upper

252 100

253 23.7 0.0 54.0

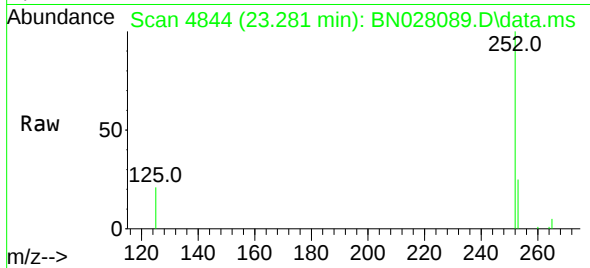
125 15.5 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 2.215 ng/ul m
RT: 23.281 min Scan# 4843
Delta R.T. 0.015 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

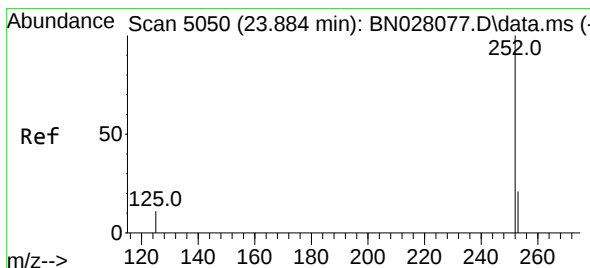
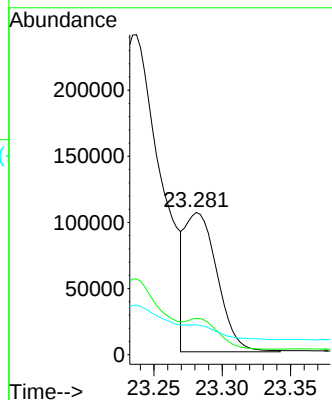
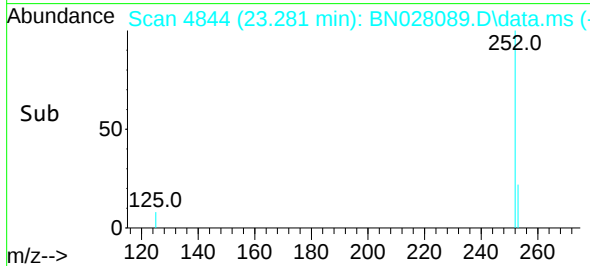
Instrument :
BNA_N
ClientSampleId :
EZYH0DL



Tgt Ion:252 Resp: 174038
Ion Ratio Lower Upper
252 100
253 25.5 21.8 32.8
125 21.0 12.8 19.2

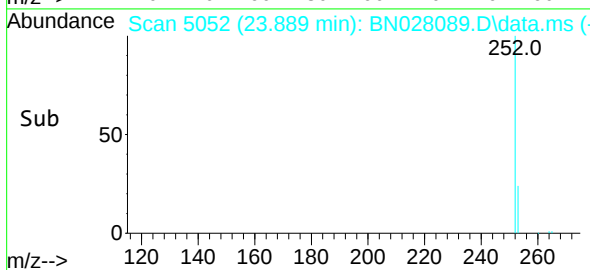
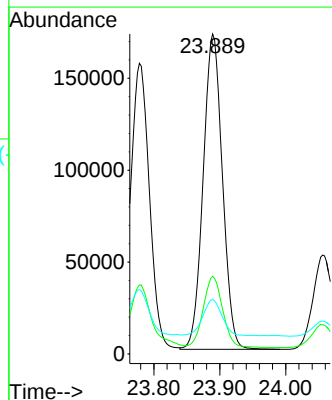
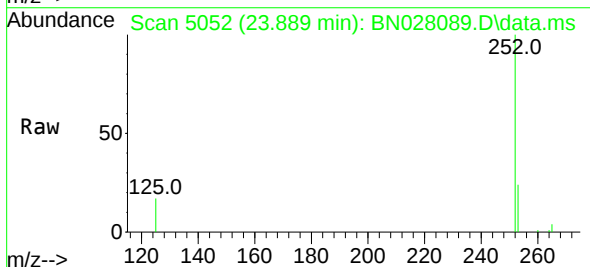
Manual Integrations
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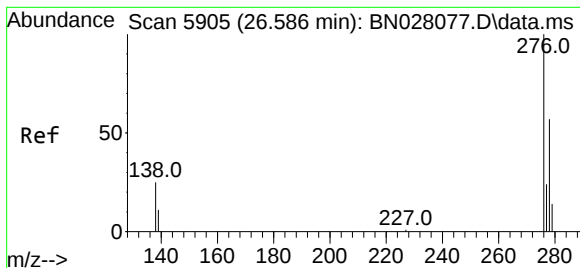
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#26
Benzo(a)pyrene
Concen: 5.180 ng/ul
RT: 23.889 min Scan# 5052
Delta R.T. 0.020 min
Lab File: BN028089.D
Acq: 06 Oct 2023 17:44

Tgt Ion:252 Resp: 348783
Ion Ratio Lower Upper
252 100
253 24.3 23.4 35.2
125 17.0 15.3 22.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.717 ng/ul

RT: 26.592 min Scan# 5907

Delta R.T. 0.027 min

Lab File: BN028089.D

Acq: 06 Oct 2023 17:44

Instrument :

BNA_N

ClientSampleId :

EZYH0DL

Tgt Ion:276 Resp: 30285

Ion Ratio Lower Upper

276 100

138 22.6 21.6 32.4

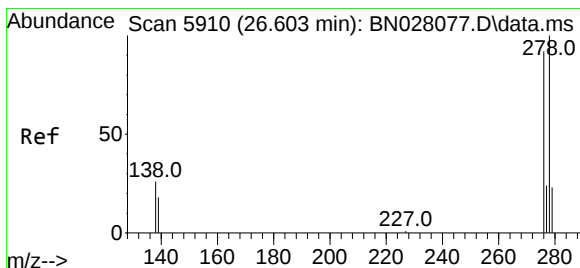
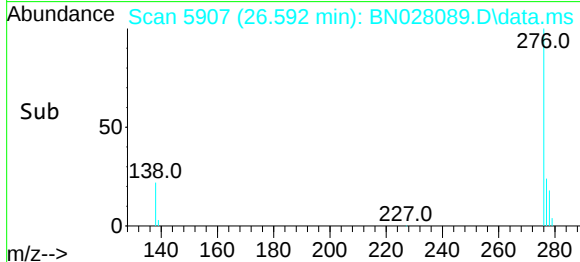
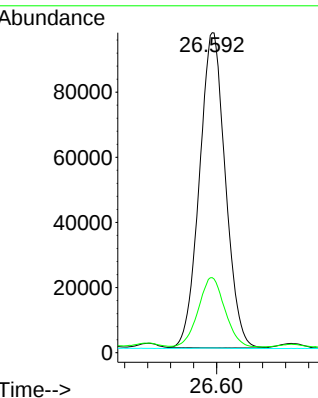
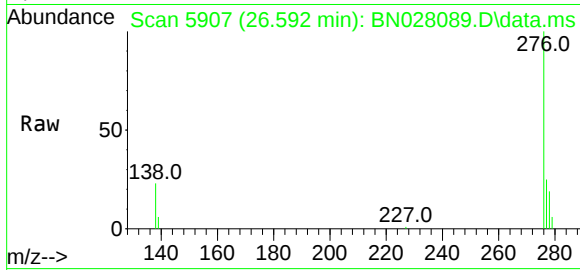
227 0.2 0.2 0.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#28

Dibenzo(a,h)anthracene

Concen: 1.202 ng/ul

RT: 26.599 min Scan# 5909

Delta R.T. 0.017 min

Lab File: BN028089.D

Acq: 06 Oct 2023 17:44

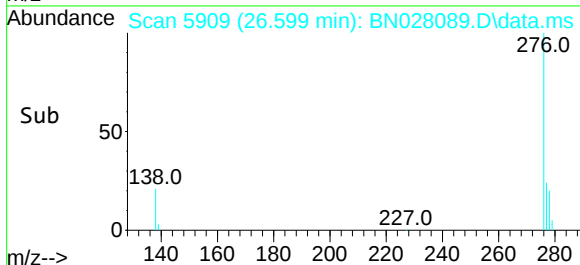
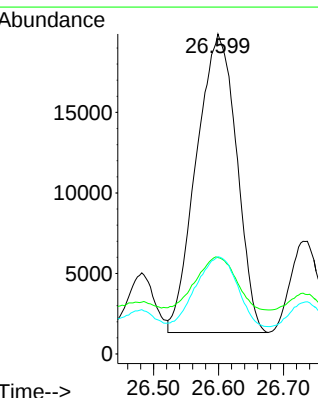
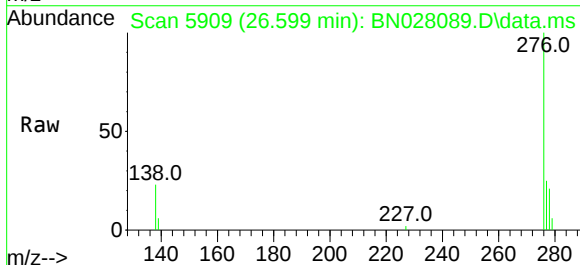
Tgt Ion:278 Resp: 79689

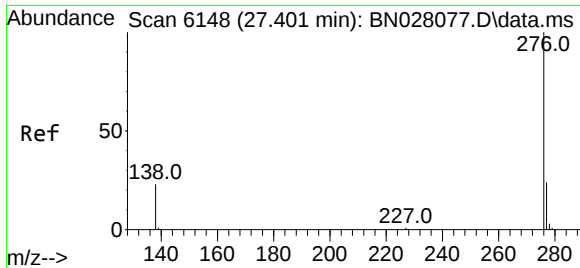
Ion Ratio Lower Upper

278 100

139 30.1 15.9 23.9#

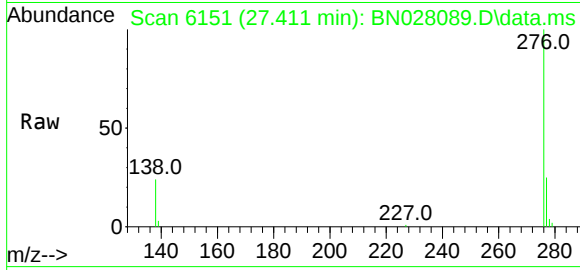
279 30.4 22.8 34.2





#29
 Benzo(g,h,i)perylene
 Concen: 4.834 ng/ul
 RT: 27.411 min Scan# 61
 Delta R.T. 0.033 min
 Lab File: BN028089.D
 Acq: 06 Oct 2023 17:44

Instrument :
 BNA_N
 ClientSampleId :
 EZYH0DL



Tgt Ion: 276 Resp: 322008

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.8	29.6
277	25.1	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

