

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028075.D
 Acq On : 06 Oct 2023 07:56
 Operator : MA/JU
 Sample : 04527-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 08:29:08 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	7.941	152	4633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	14308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	7656	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	15167	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	12844	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	14371	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	15954	2.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	3234	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	6621	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	13387	0.330	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	7804	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	3192	0.120	ng/ul	99
10) Acenaphthylene	14.314	152	4482	0.129	ng/ul#	93
11) Acenaphthene	14.647	153	4312	0.156	ng/ul	98
12) Fluorene	15.637	166	1920	0.062	ng/ul#	84
15) Phenanthrene	17.384	178	53508	1.184	ng/ul	99
16) Anthracene	17.472	178	8299	0.205	ng/ul#	93
19) Fluoranthene	19.399	202	85068	1.735	ng/ul	99
20) Pyrene	19.766	202	90644m	1.783	ng/ul	
21) Benzo(a)anthracene	21.510	228	73597	1.569	ng/ul#	91
22) Chrysene	21.565	228	115616	2.441	ng/ul#	92
24) Benzo(b)fluoranthene	23.234	252	162204m	3.044	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	54038m	1.019	ng/ul	
26) Benzo(a)pyrene	23.886	252	117408	2.584	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.592	276	98944	1.800	ng/ul	92
28) Dibenzo(a,h)anthracene	26.599	278	28863	0.645	ng/ul#	50
29) Benzo(g,h,i)perylene	27.407	276	122379	2.723	ng/ul	96

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

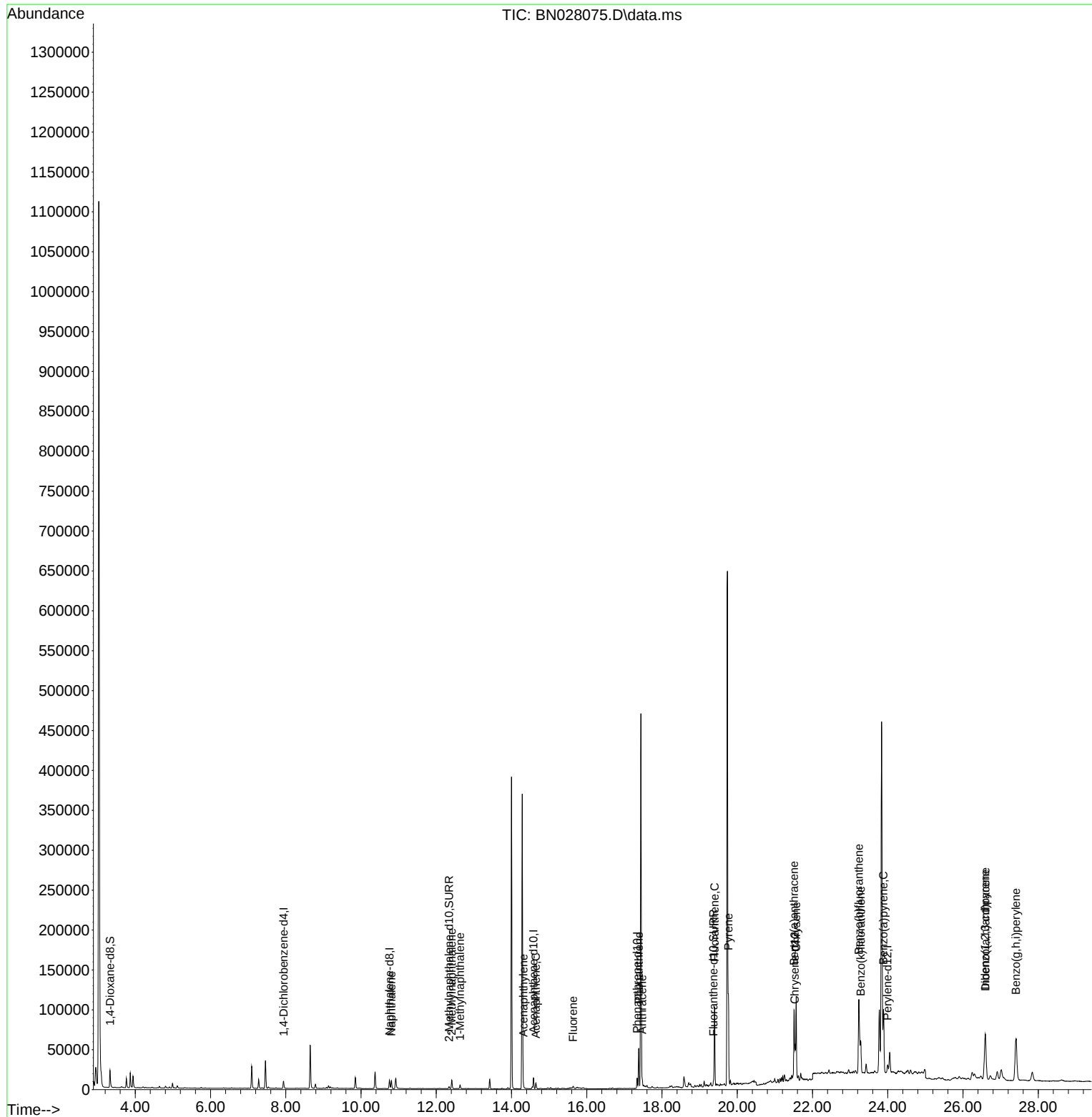
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028075.D
Acq On : 06 Oct 2023 07:56
Operator : MA/JU
Sample : 04527-12
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ALS Vial : 28 Sample Multiplier: 1

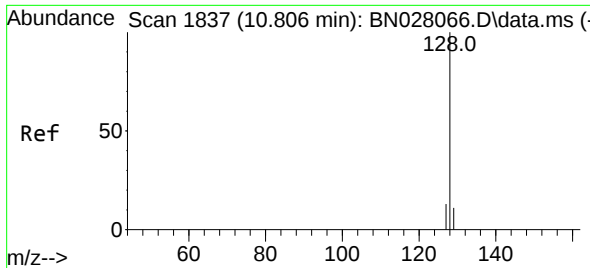
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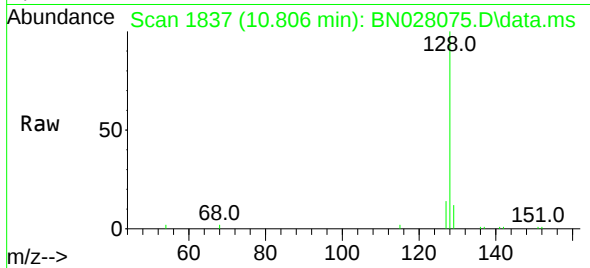
Quant Time: Oct 06 08:29:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

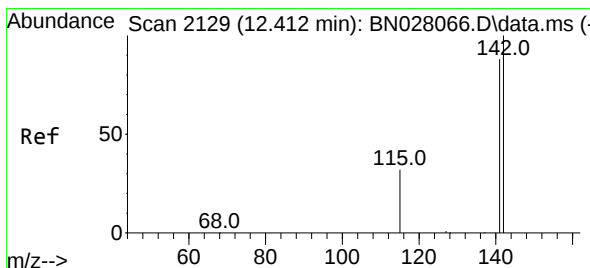
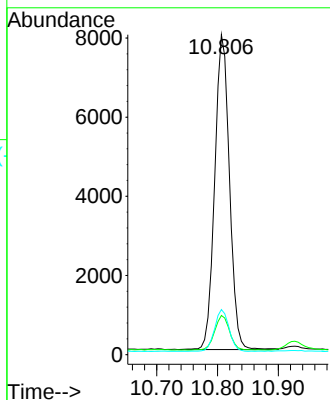
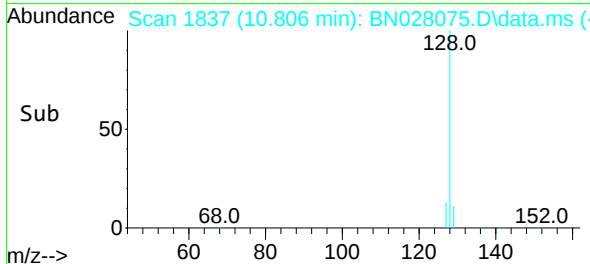
Instrument :
BNA_N
ClientSampleId :
EZY5



Tgt Ion:128 Resp: 1338
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.1 11.0 16.4

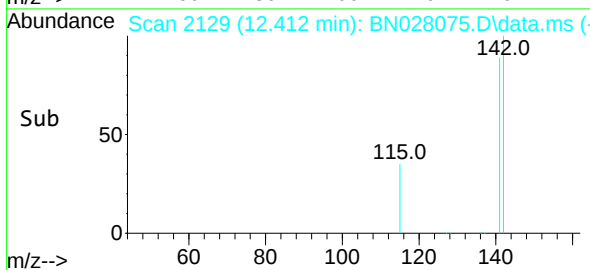
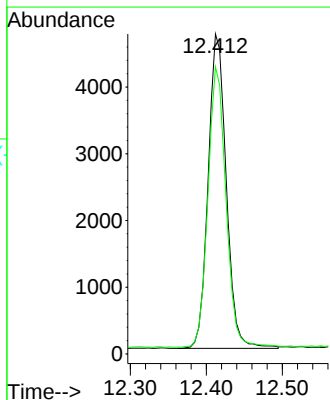
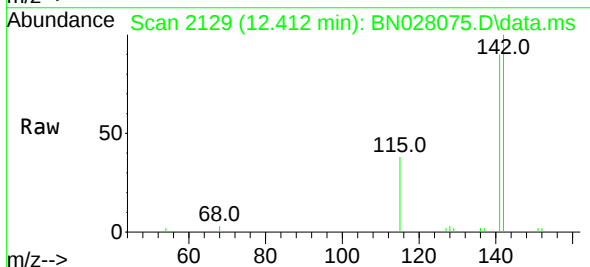
Manual Integrations
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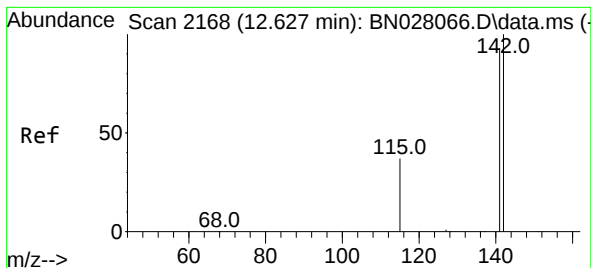
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

Tgt Ion:142 Resp: 7804
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.120 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.005 min

Lab File: BN028075.D

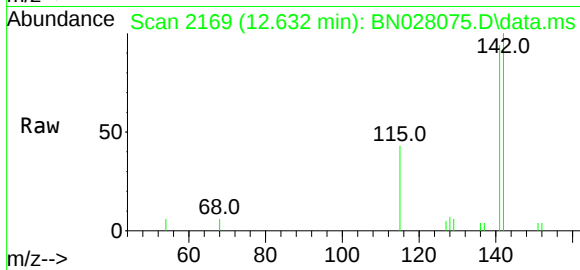
Acq: 06 Oct 2023 07:56

Instrument :

BNA_N

ClientSampleId :

EZYY5



Tgt Ion:142 Resp: 319

Ion Ratio Lower Upper

142 100

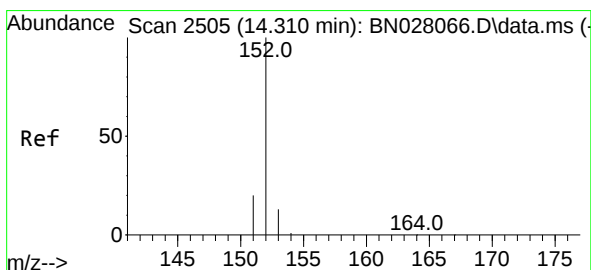
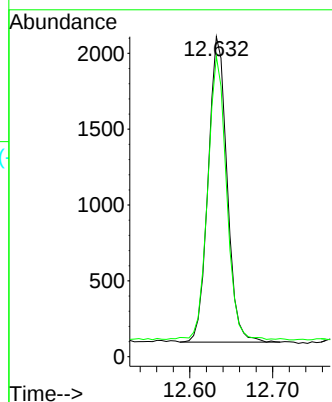
141 91.7 74.4 111.6

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#10

Acenaphthylene

Concen: 0.129 ng/ul

RT: 14.314 min Scan# 2506

Delta R.T. 0.005 min

Lab File: BN028075.D

Acq: 06 Oct 2023 07:56

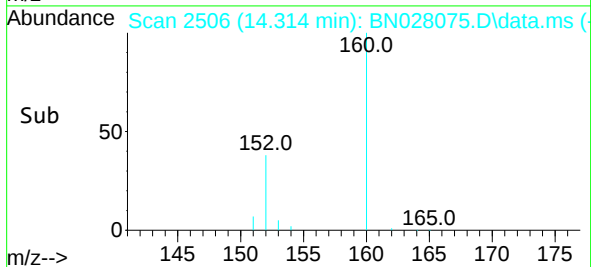
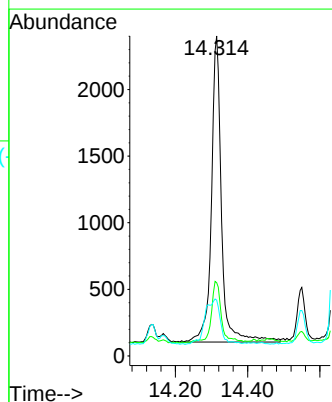
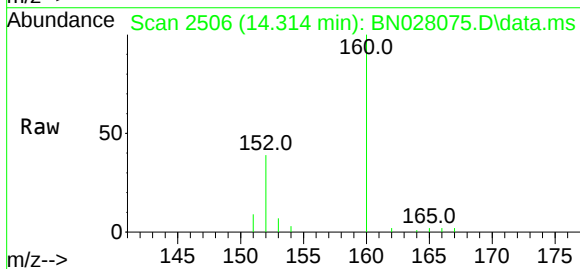
Tgt Ion:152 Resp: 4482

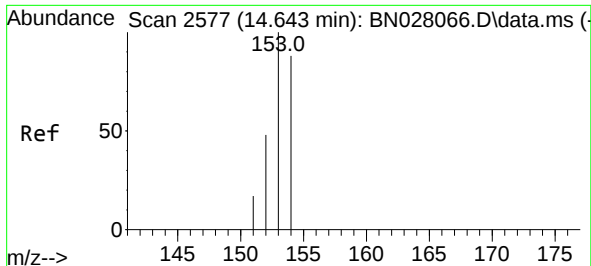
Ion Ratio Lower Upper

152 100

151 22.9 16.4 24.6

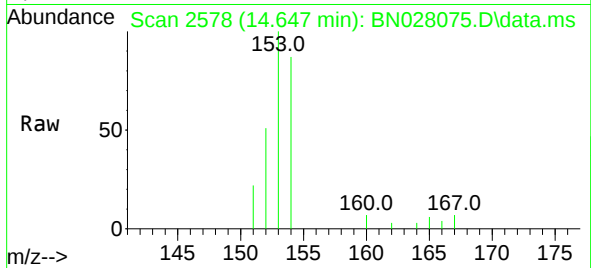
153 17.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.156 ng/u1
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

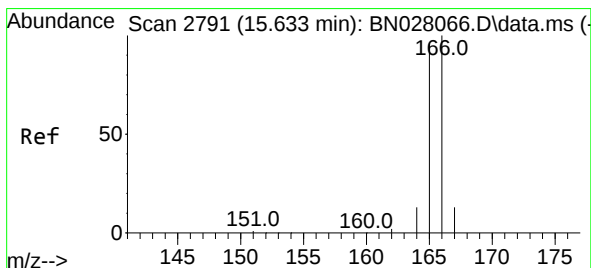
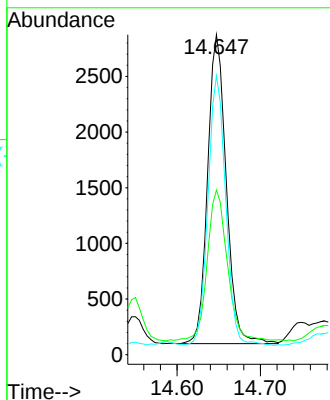
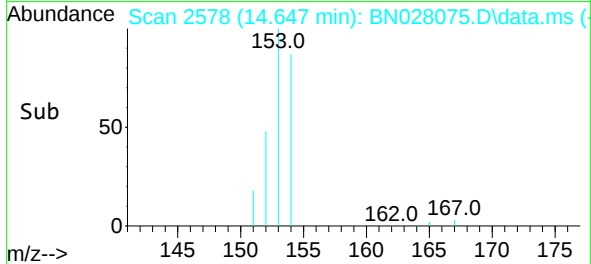
Instrument :
BNA_N
ClientSampleId :
EZY5



Tgt Ion:153 Resp: 431
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 87.1 70.2 105.4

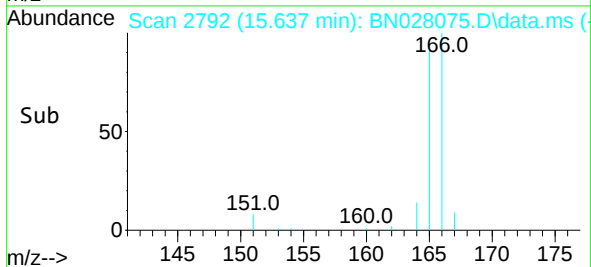
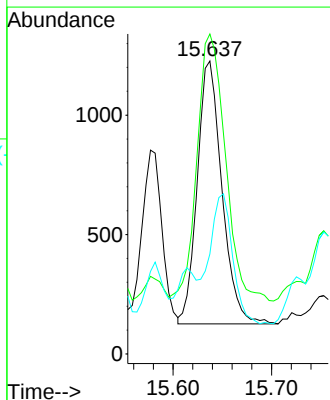
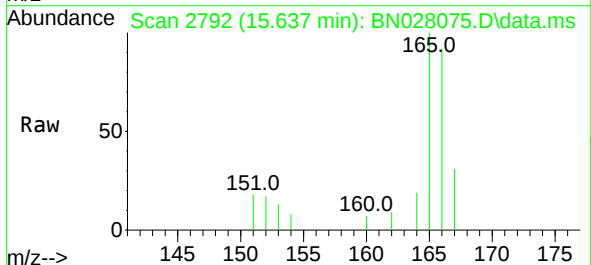
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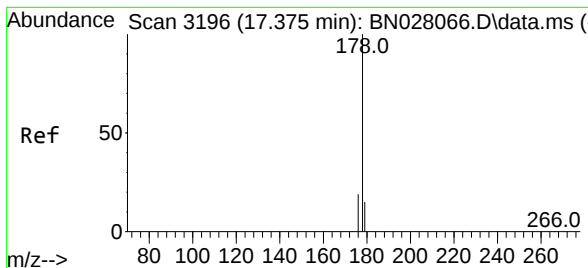
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.637 min Scan# 2792
Delta R.T. 0.004 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

Tgt Ion:166 Resp: 1920
Ion Ratio Lower Upper
166 100
165 109.2 78.5 117.7
167 34.1 11.2 16.8#





#15

Phenanthrene

Concen: 1.184 ng/ul

RT: 17.384 min Scan# 3198

Delta R.T. 0.008 min

Lab File: BN028075.D

Acq: 06 Oct 2023 07:56

Instrument :

BNA_N

ClientSampleId :

EZYY5

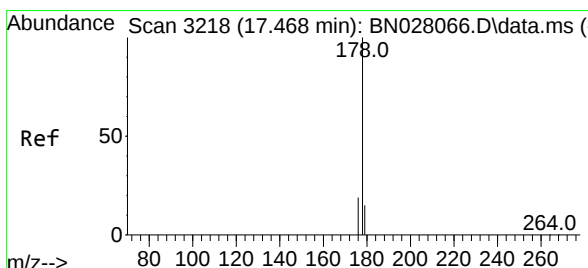
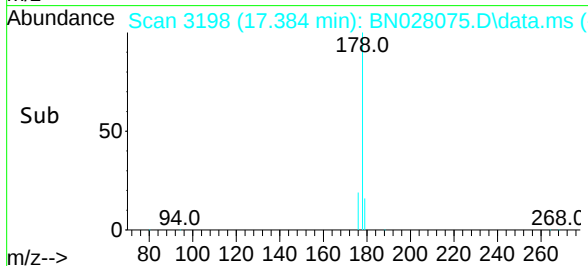
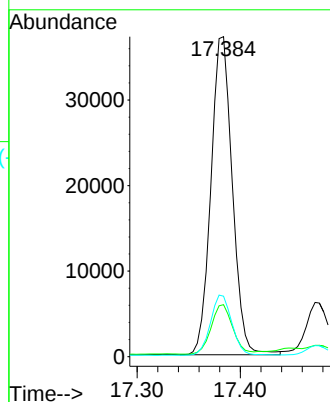
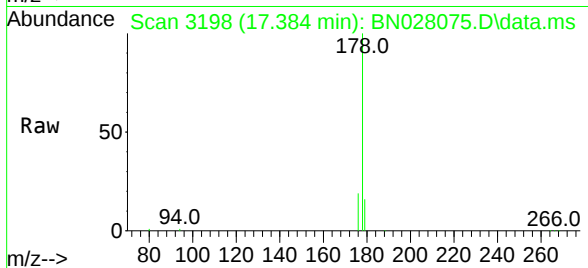
Tgt Ion:178	Resp:	53508
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.6 19.0
176	18.9	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#16

Anthracene

Concen: 0.205 ng/ul

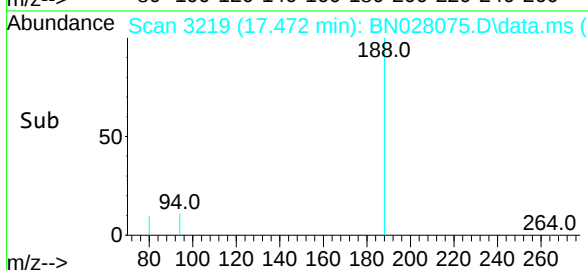
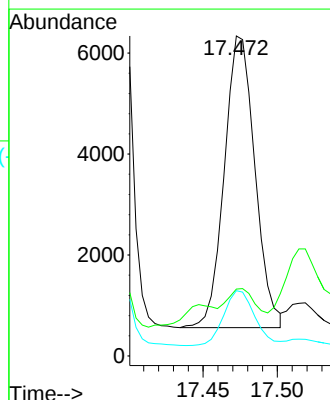
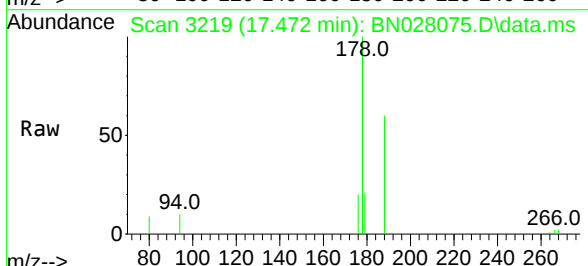
RT: 17.472 min Scan# 3219

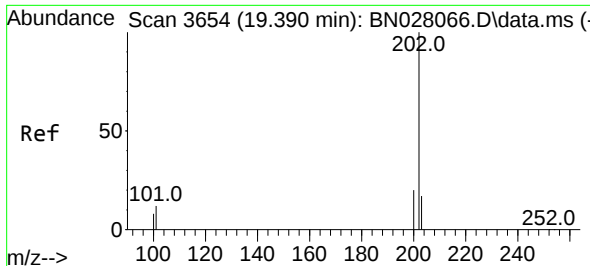
Delta R.T. 0.004 min

Lab File: BN028075.D

Acq: 06 Oct 2023 07:56

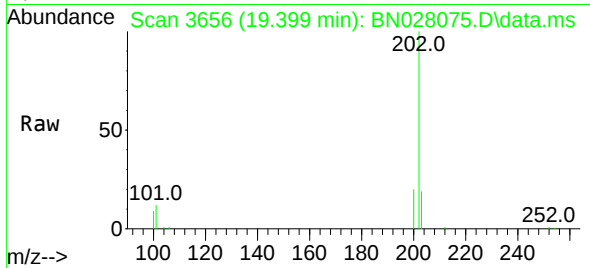
Tgt Ion:178	Resp:	8299
Ion Ratio	Lower	Upper
178	100	
179	20.9	12.8 19.2
176	20.4	15.0 22.6





#19
Fluoranthene
Concen: 1.735 ng/ul
RT: 19.399 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

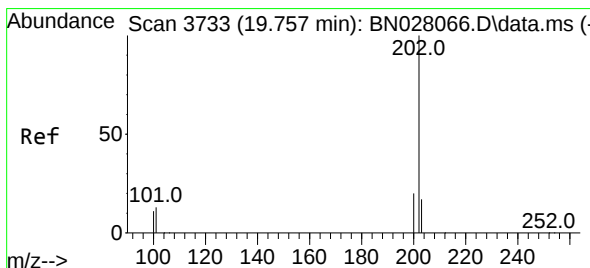
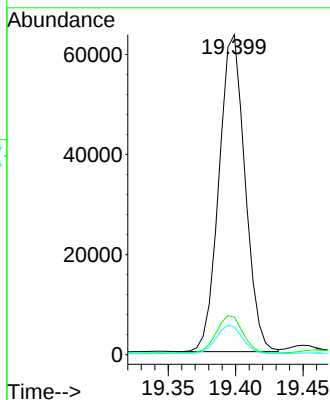
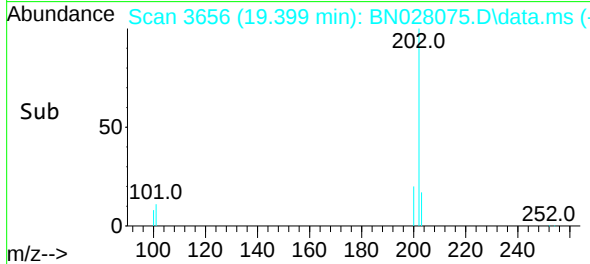
Instrument :
BNA_N
ClientSampleId :
EZY5



Tgt Ion:202 Resp: 8506
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 8.6 7.4 11.0

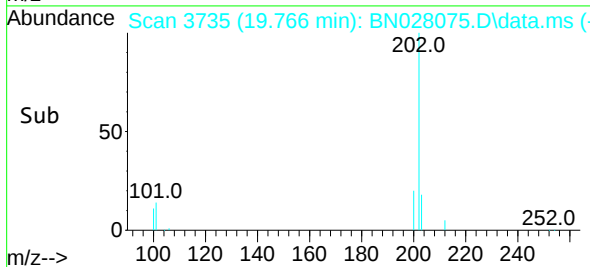
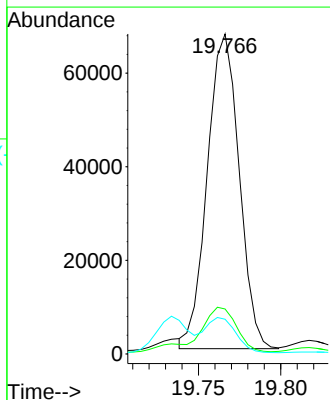
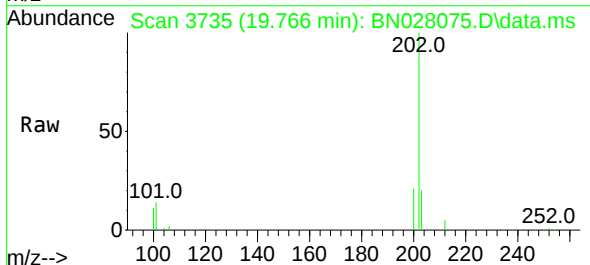
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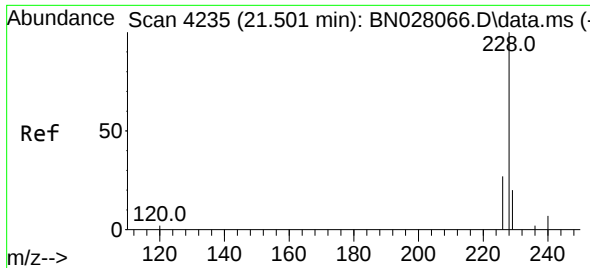
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#20
Pyrene
Concen: 1.783 ng/ul m
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

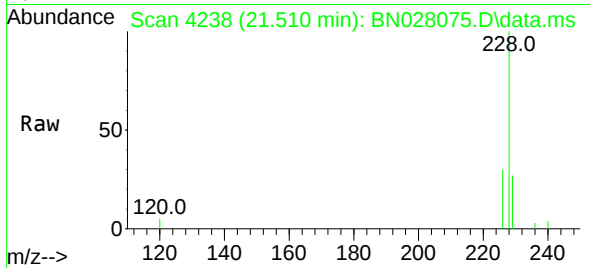
Tgt Ion:202 Resp: 90644
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.569 ng/ul
RT: 21.510 min Scan# 4235
Delta R.T. 0.009 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

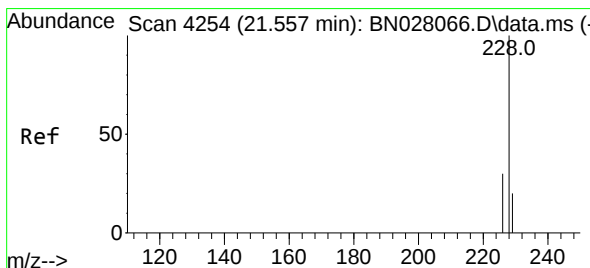
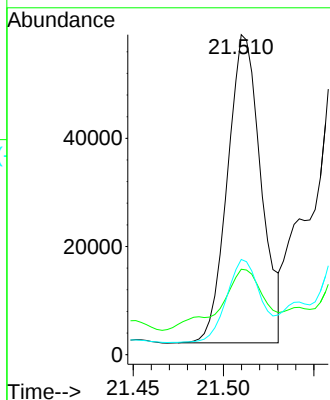
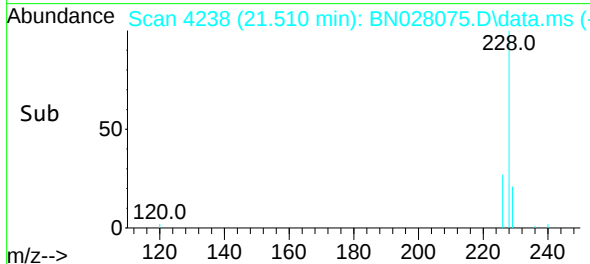
Instrument :
BNA_N
ClientSampleId :
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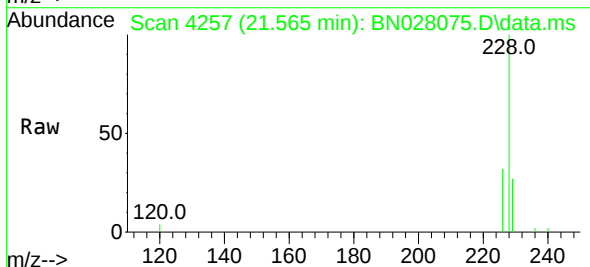
Tgt Ion:228 Resp: 7359
Ion Ratio Lower Upper
228 100
229 26.7 16.0 24.0
226 29.8 21.5 32.3

Manual Integrations
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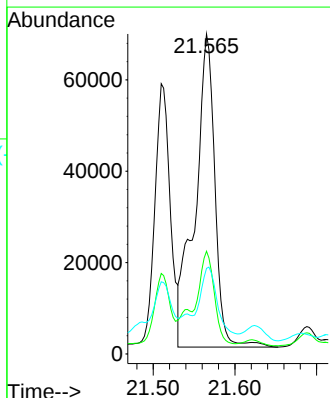
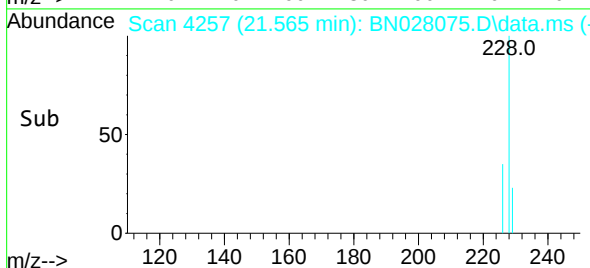
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

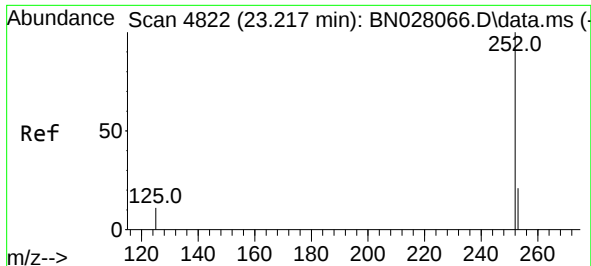


#22
Chrysene
Concen: 2.441 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56



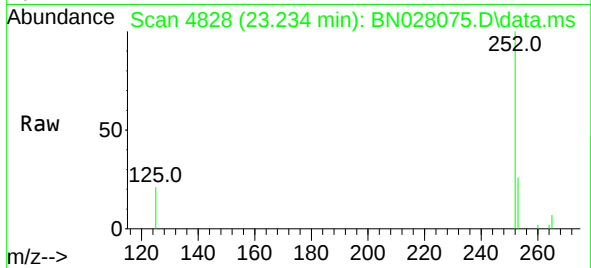
Tgt Ion:228 Resp: 115616
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.8
229 26.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.044 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. 0.017 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

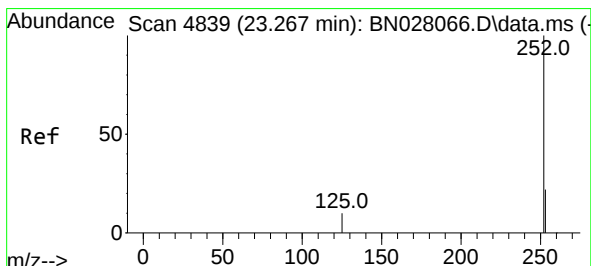
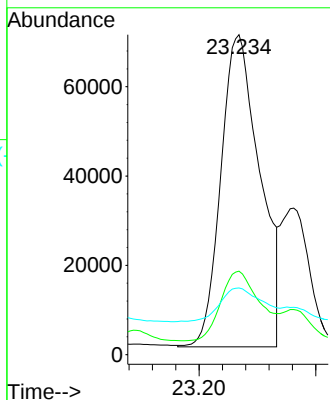
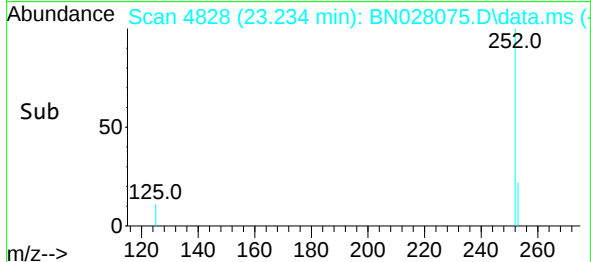
Instrument :
BNA_N
ClientSampleId :
EZY5



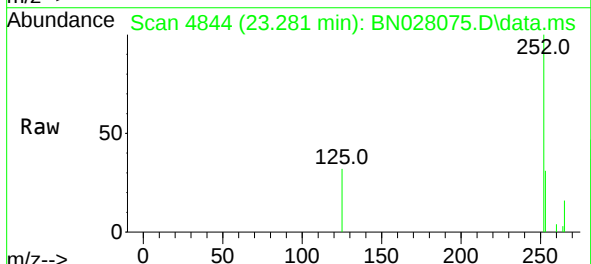
Tgt Ion:252 Resp: 162204
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.0
125 20.9 0.0 31.4

Manual Integrations
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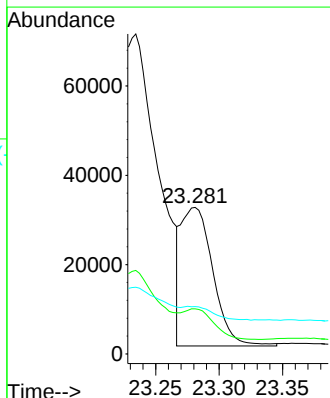
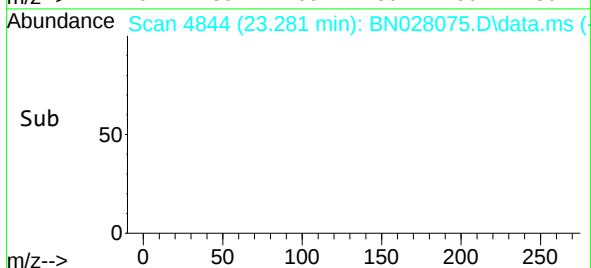
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

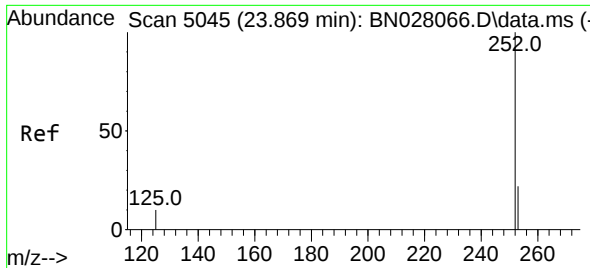


#25
Benzo(k)fluoranthene
Concen: 1.019 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.014 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56



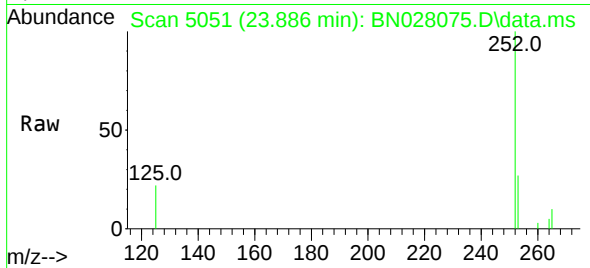
Tgt Ion:252 Resp: 54038
Ion Ratio Lower Upper
252 100
253 30.8 21.8 32.8
125 32.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.584 ng/ul
RT: 23.886 min Scan# 5045
Delta R.T. 0.017 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56

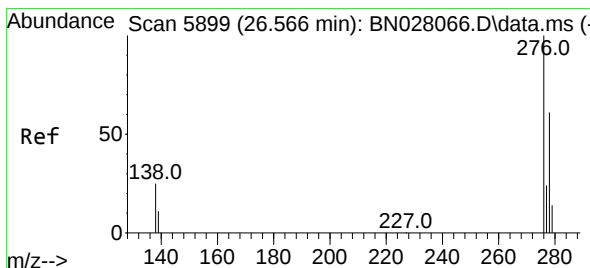
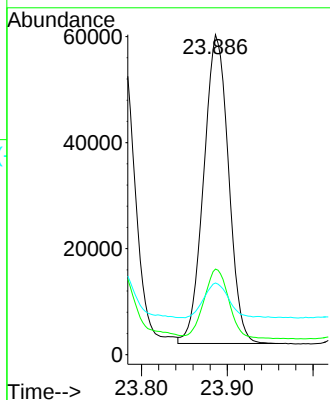
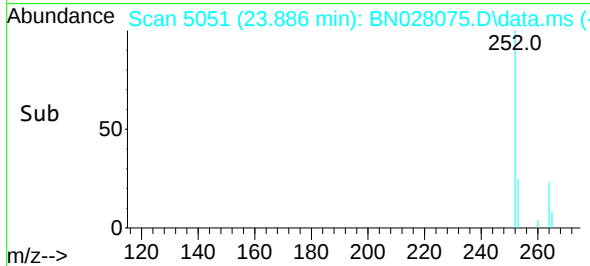
Instrument :
BNA_N
ClientSampleId :
EZY5



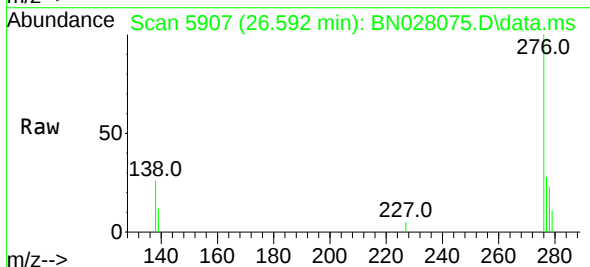
Tgt Ion:252 Resp: 117408
Ion Ratio Lower Upper
252 100
253 26.8 23.4 35.2
125 22.4 15.3 22.9

Manual Integrations
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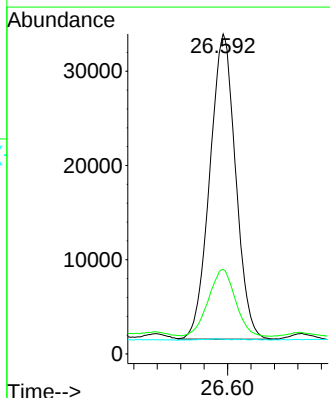
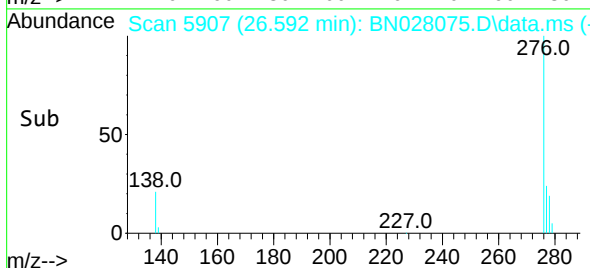
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

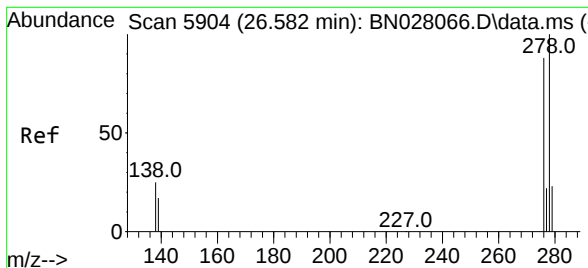


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.800 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.027 min
Lab File: BN028075.D
Acq: 06 Oct 2023 07:56



Tgt Ion:276 Resp: 98944
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.645 ng/ul

RT: 26.599 min Scan# 5909

Delta R.T. 0.017 min

Lab File: BN028075.D

Acq: 06 Oct 2023 07:56

Instrument :

BNA_N

ClientSampleId :

EZYY5

Tgt Ion:278 Resp: 2886

Ion Ratio Lower Upper

278 100

139 52.3 15.9 23.9

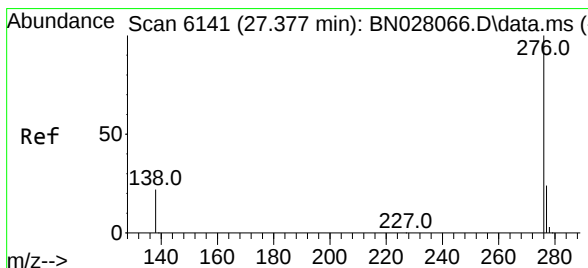
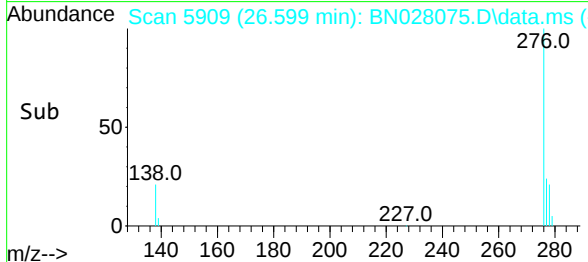
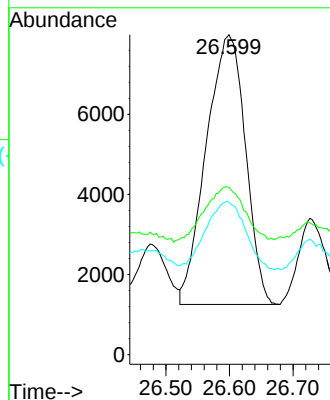
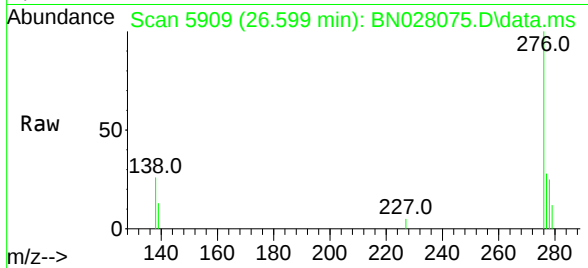
279 47.6 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2023

Supervised By :mohammad ahmed 10/07/2023



#29

Benzo(g,h,i)perylene

Concen: 2.723 ng/ul

RT: 27.407 min Scan# 6150

Delta R.T. 0.030 min

Lab File: BN028075.D

Acq: 06 Oct 2023 07:56

Tgt Ion:276 Resp: 122379

Ion Ratio Lower Upper

276 100

138 26.9 19.8 29.6

277 27.5 20.6 31.0

