

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028028.D
 Acq On : 04 Oct 2023 02:29
 Operator : MA/JU
 Sample : 04417-40
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 04:09:57 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 : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7764	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	26522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	16091	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	30565	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	20543	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	20914	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	19774	2.028	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	5908	0.138	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	10292	0.158	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.812	128	36091	0.479	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	54295	1.142	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	38284	0.779	ng/ul	99
10) Acenaphthylene	14.314	152	3044	0.042	ng/ul#	44
11) Acenaphthene	14.652	153	7964	0.137	ng/ul	90
12) Fluorene	15.637	166	6907	0.107	ng/ul#	87
15) Phenanthrene	17.384	178	203573	2.235	ng/ul	100
16) Anthracene	17.477	178	19437m	0.238	ng/ul	
19) Fluoranthene	19.399	202	147614	1.882	ng/ul	99
20) Pyrene	19.766	202	101715m	1.251	ng/ul	
21) Benzo(a)anthracene	21.510	228	45639	0.608	ng/ul#	84
22) Chrysene	21.565	228	96736m	1.277	ng/ul	
24) Benzo(b)fluoranthene	23.237	252	87196m	1.124	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	27212m	0.353	ng/ul	
26) Benzo(a)pyrene	23.889	252	48399	0.732	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.599	276	43430	0.543	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.599	278	14148	0.217	ng/ul#	1
29) Benzo(g,h,i)perylene	27.428	276	52391	0.801	ng/ul#	72

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

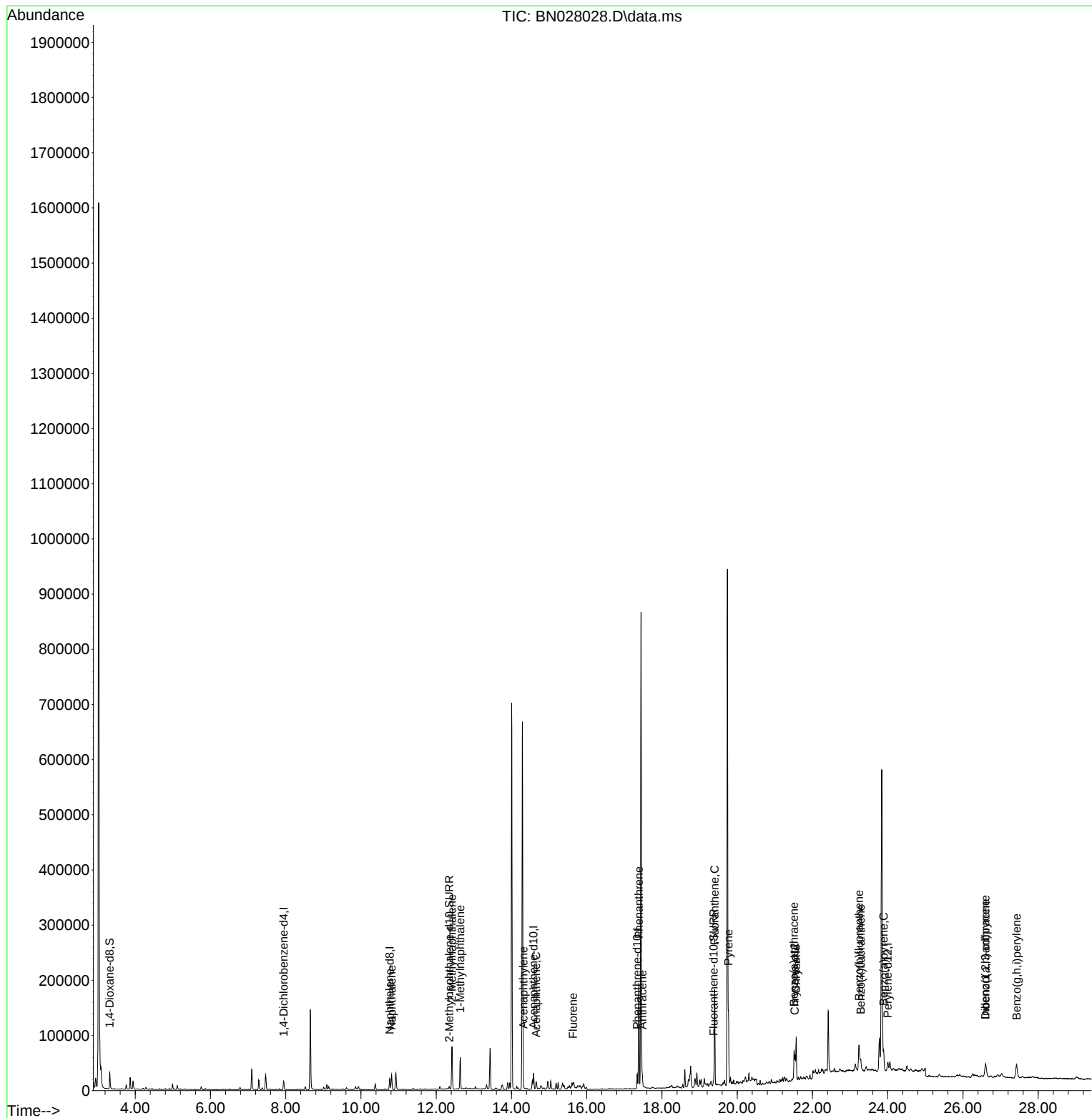
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
Data File : BN028028.D
Acq On : 04 Oct 2023 02:29
Operator : MA/JU
Sample : 04417-40
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ALS Vial : 24 Sample Multiplier: 1

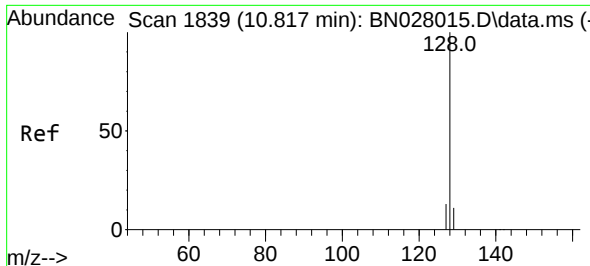
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EZY7

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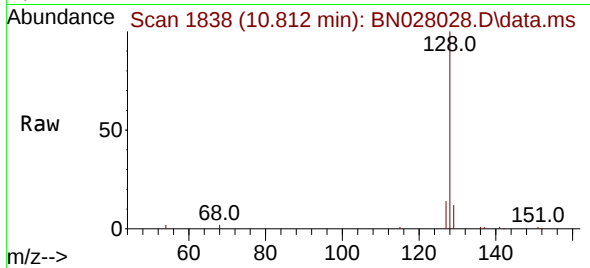
Quant Time: Oct 04 04:09:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.812 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

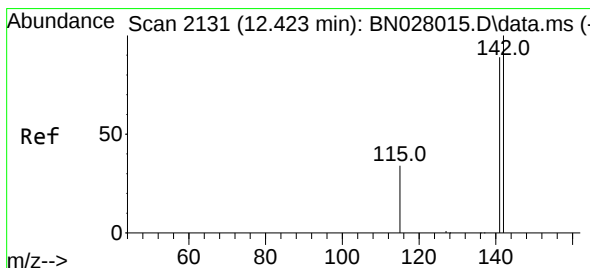
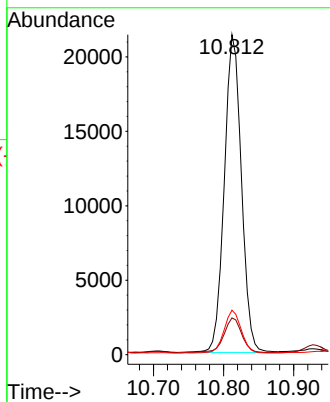
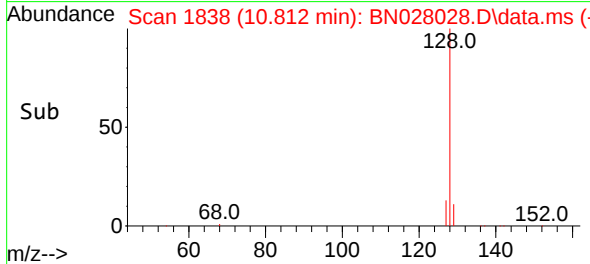
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:128 Resp: 3609
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.9 11.0 16.4

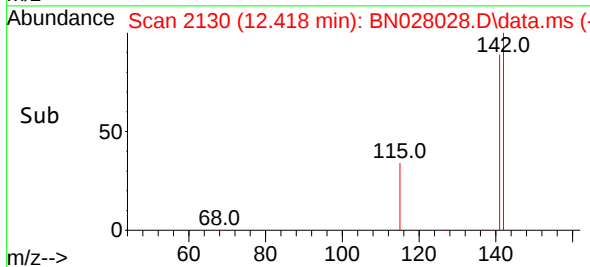
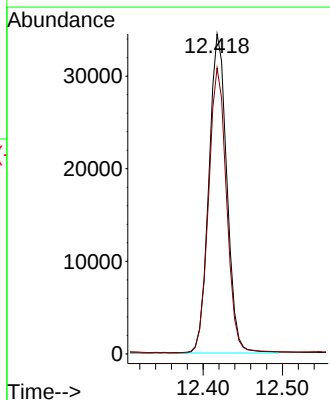
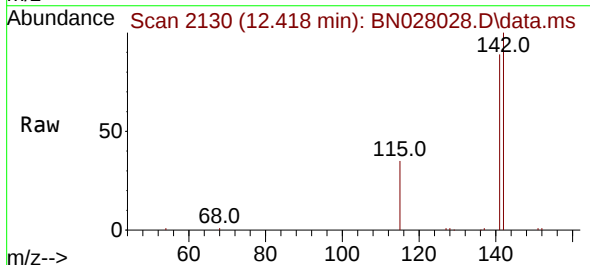
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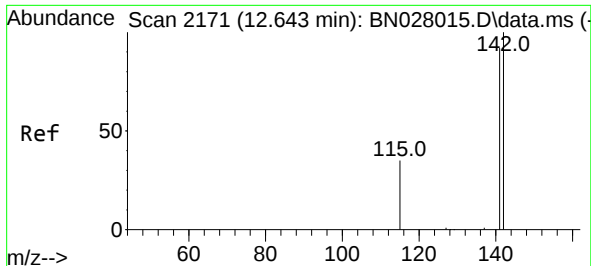
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#7
2-Methylnaphthalene
Concen: 1.142 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

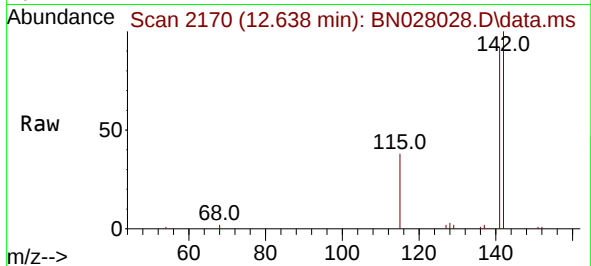
Tgt Ion:142 Resp: 54295
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.779 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

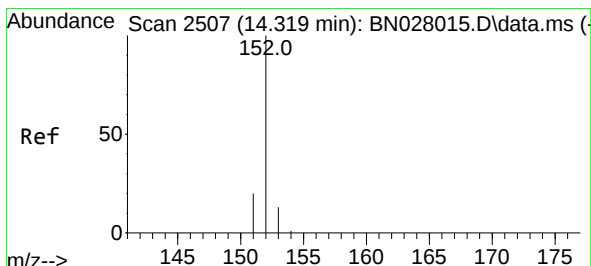
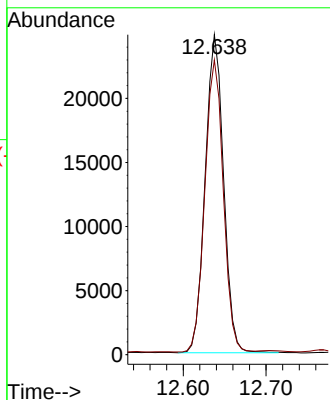
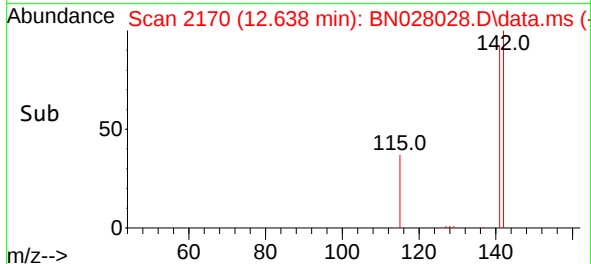
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 38284
Ion Ratio Lower Upper
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141 92.2 74.4 111.6

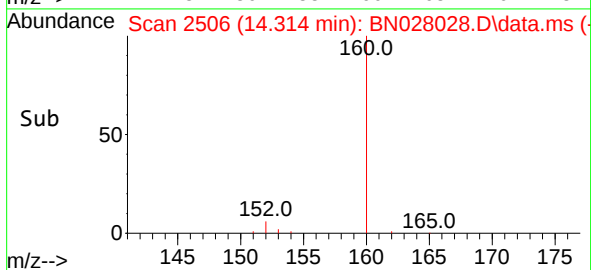
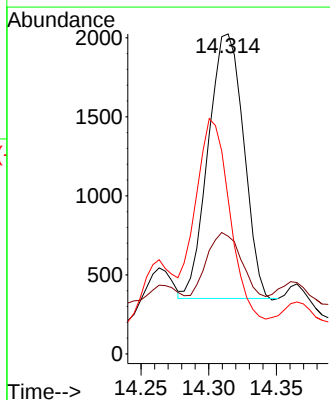
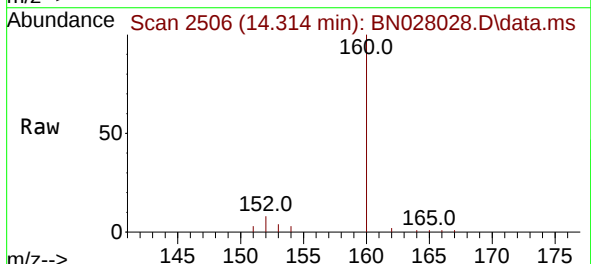
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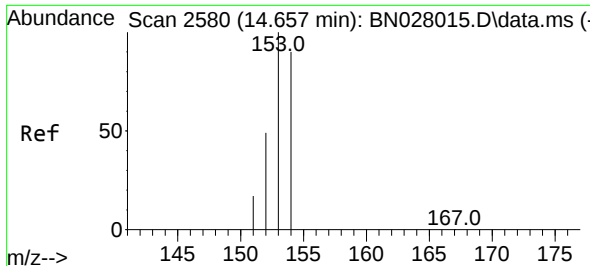
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

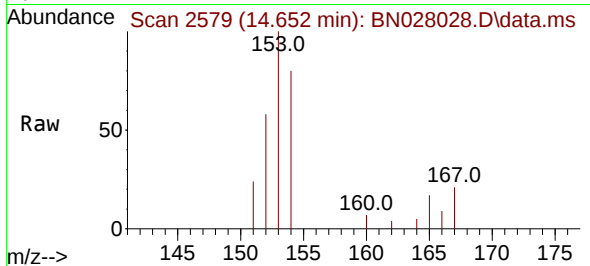
Tgt Ion:152 Resp: 3044
Ion Ratio Lower Upper
152 100
151 36.8 16.4 24.6#
153 48.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.137 ng/ul
RT: 14.652 min Scan# 2579
Delta R.T. -0.005 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

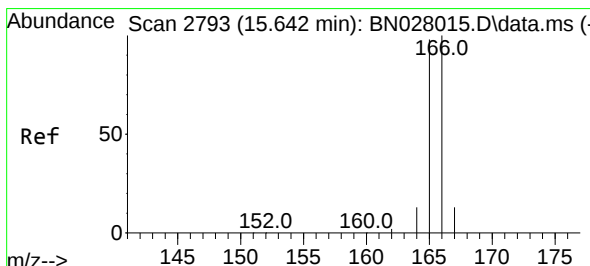
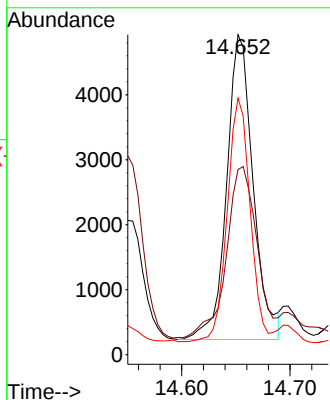
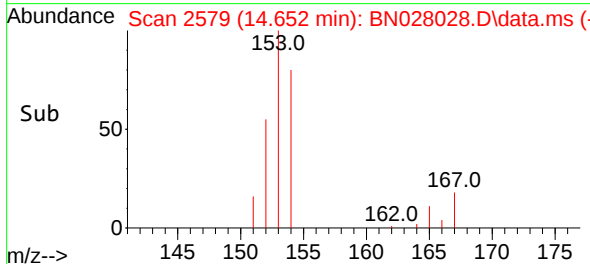
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:153 Resp: 7964
Ion Ratio Lower Upper
153 100
152 57.8 39.4 59.0
154 80.2 70.2 105.4

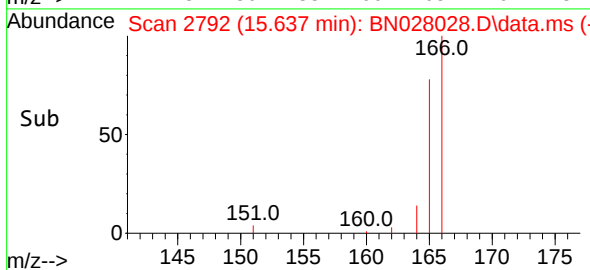
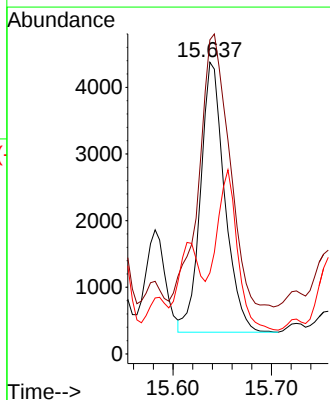
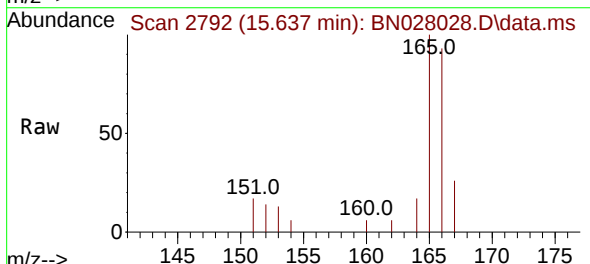
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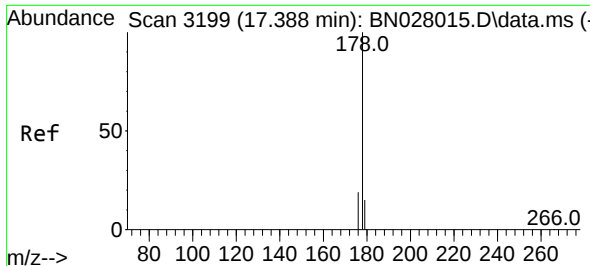
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.637 min Scan# 2792
Delta R.T. -0.005 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

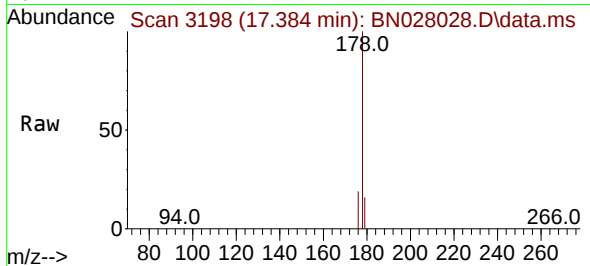
Tgt Ion:166 Resp: 6907
Ion Ratio Lower Upper
166 100
165 107.7 78.5 117.7
167 27.8 11.2 16.8#





#15
Phenanthrene
Concen: 2.235 ng/ul
RT: 17.384 min Scan# 3199
Delta R.T. -0.004 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

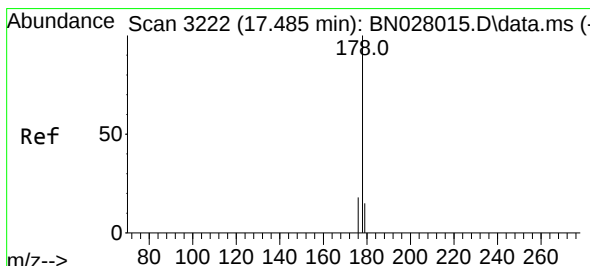
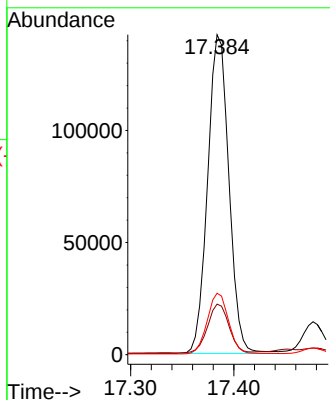
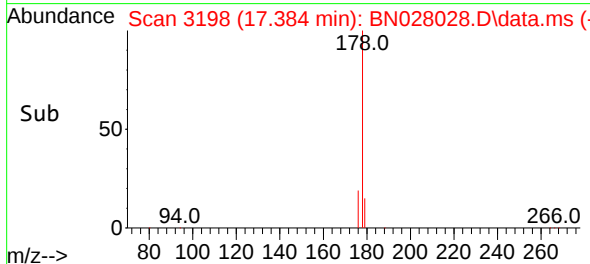
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:178 Resp: 20357
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.2 15.5 23.3

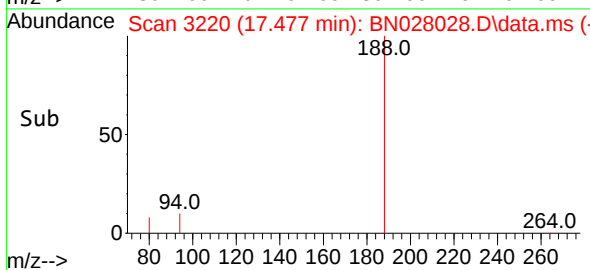
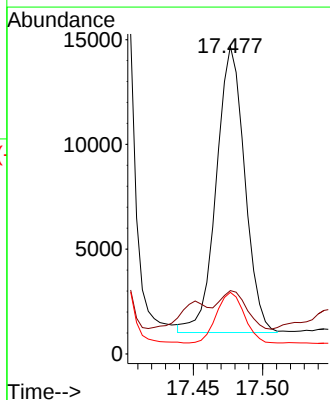
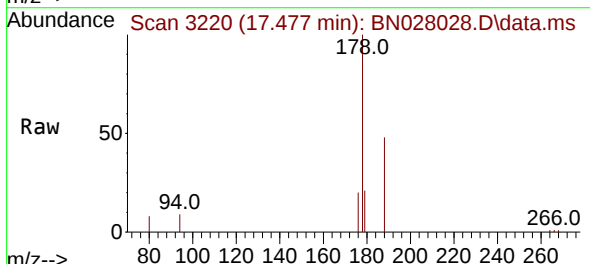
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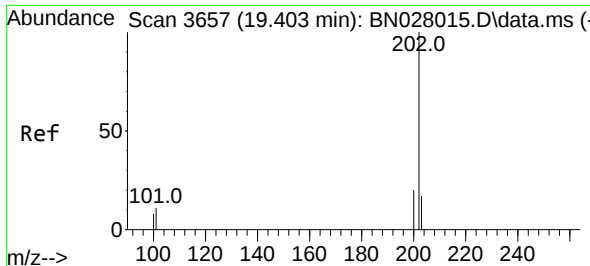
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#16
Anthracene
Concen: 0.238 ng/ul m
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

Tgt Ion:178 Resp: 19437
Ion Ratio Lower Upper
178 100
179 20.6 12.8 19.2#
176 20.0 15.0 22.6





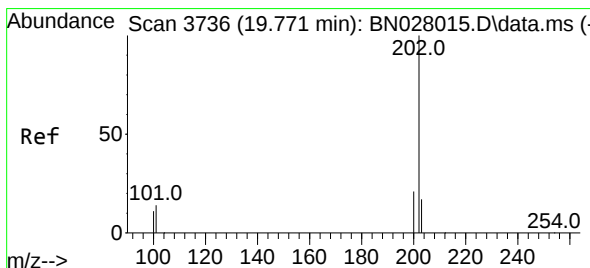
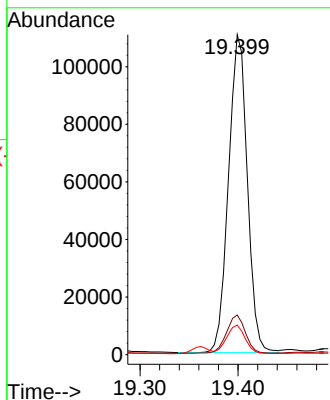
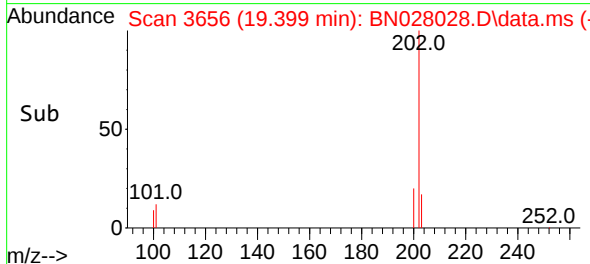
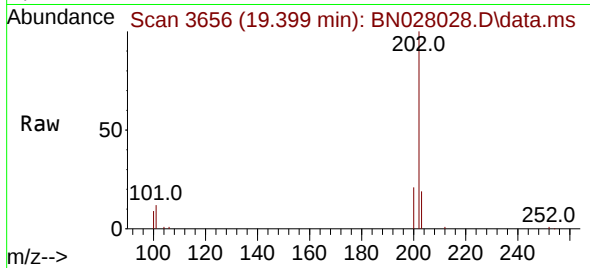
#19
Fluoranthene
Concen: 1.882 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

Instrument :
BNA_N
ClientSampleId :
EZY7

Tgt Ion:202 Resp: 147614
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.3 7.4 11.0

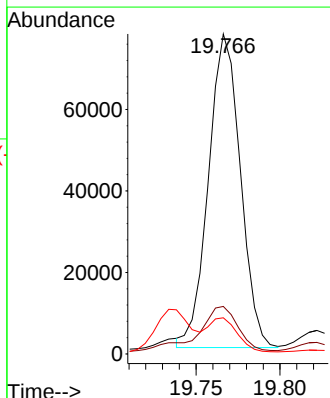
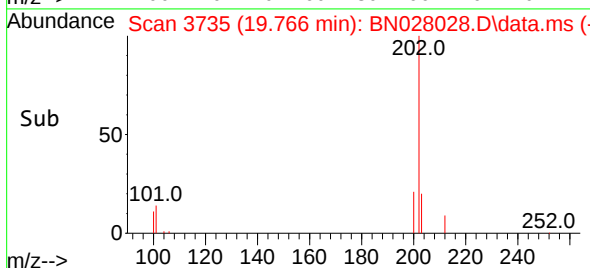
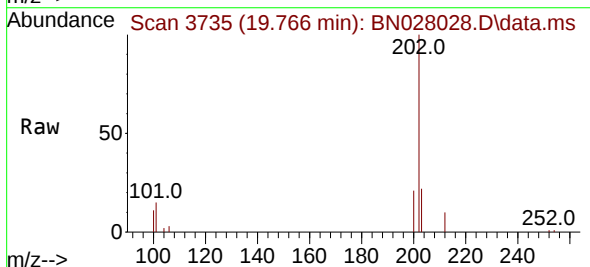
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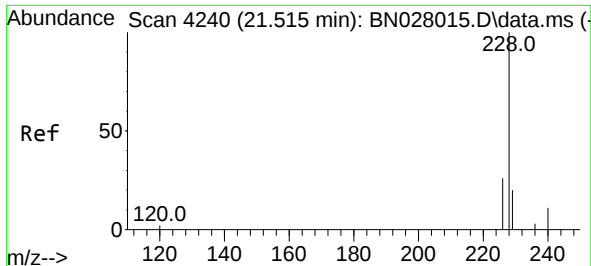
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#20
Pyrene
Concen: 1.251 ng/ul m
RT: 19.766 min Scan# 3735
Delta R.T. -0.004 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

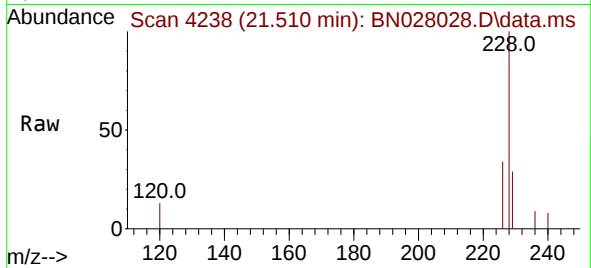
Tgt Ion:202 Resp: 101715
Ion Ratio Lower Upper
202 100
101 14.9 11.2 16.8
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.608 ng/ul
RT: 21.510 min Scan# 4238
Delta R.T. -0.009 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

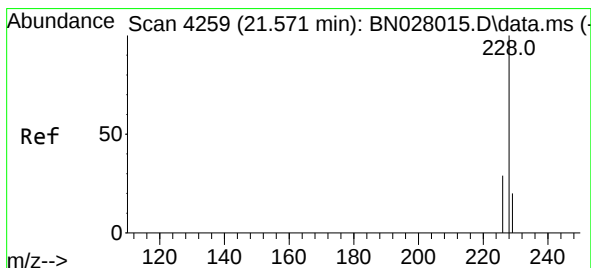
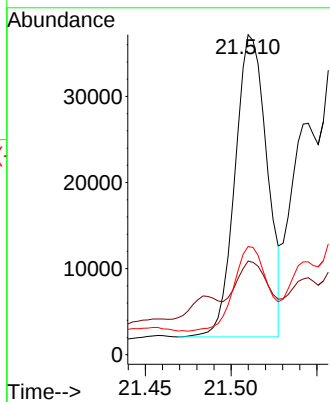
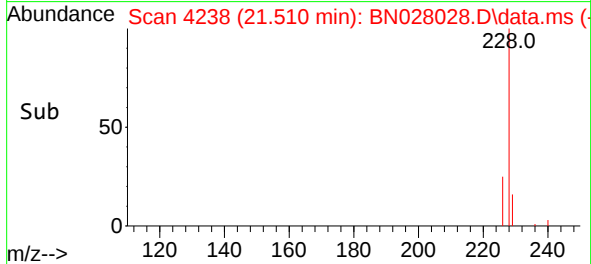
Instrument :
BNA_N
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EZY7



Tgt Ion:228 Resp: 45639
Ion Ratio Lower Upper
228 100
229 29.3 16.0 24.0
226 33.8 21.5 32.3

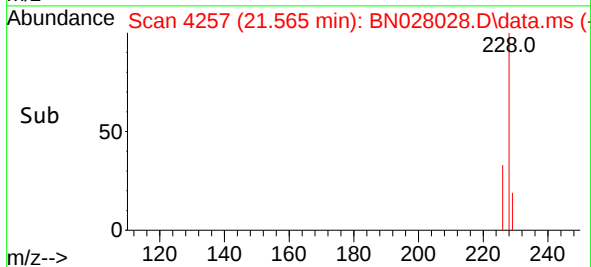
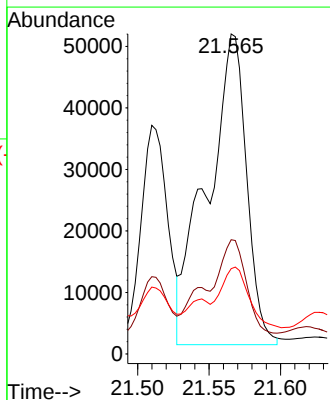
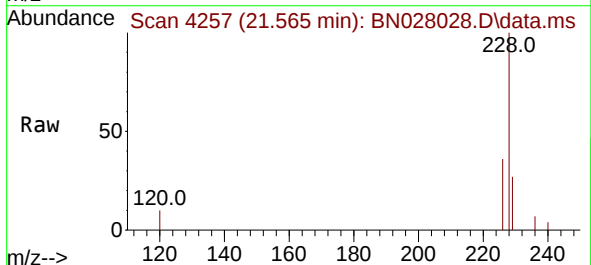
Manual Integrations
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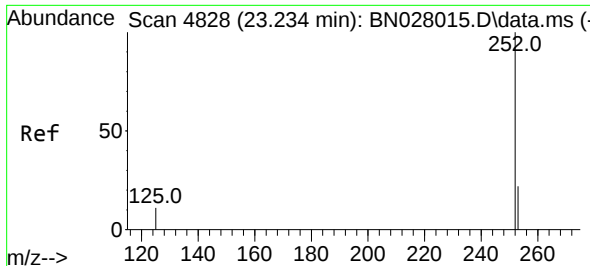
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#22
Chrysene
Concen: 1.277 ng/ul m
RT: 21.565 min Scan# 4257
Delta R.T. -0.009 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

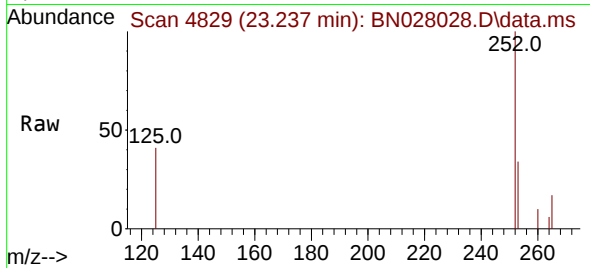
Tgt Ion:228 Resp: 96736
Ion Ratio Lower Upper
228 100
226 35.7 23.8 35.8
229 26.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.124 ng/ul m
RT: 23.237 min Scan# 4828
Delta R.T. -0.003 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

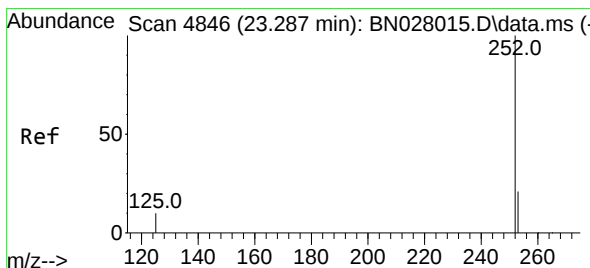
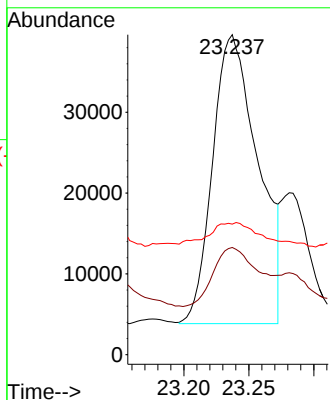
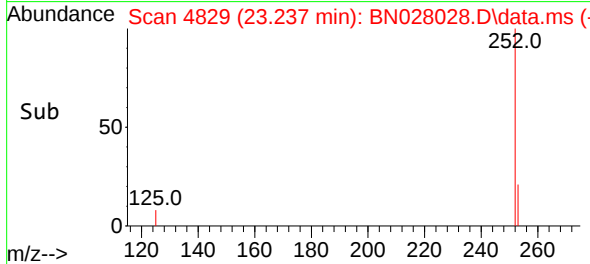
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:252 Resp: 87190
Ion Ratio Lower Upper
252 100
253 33.5 0.0 54.0
125 40.8 0.0 31.4

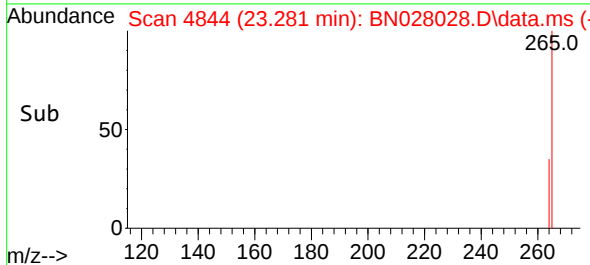
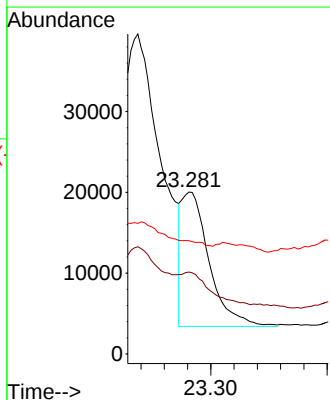
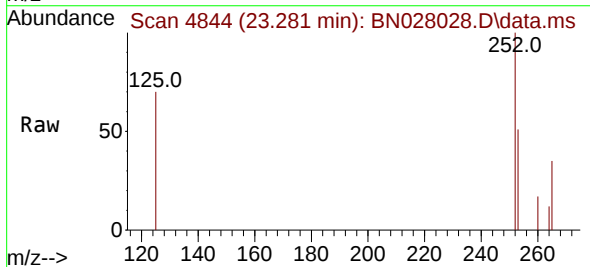
Manual Integrations
APPROVED

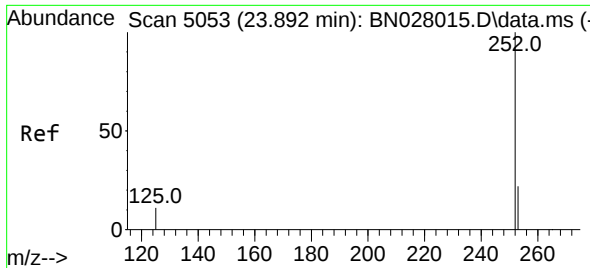
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

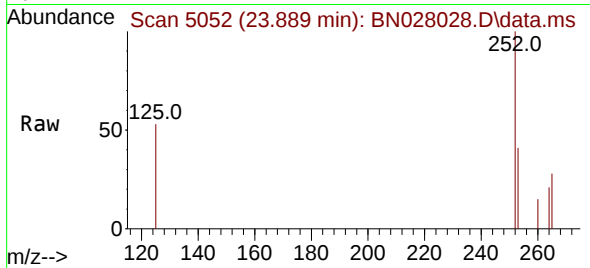
Tgt Ion:252 Resp: 27212
Ion Ratio Lower Upper
252 100
253 50.6 21.8 32.8#
125 69.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.732 ng/ul
RT: 23.889 min Scan# 5053
Delta R.T. -0.006 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29

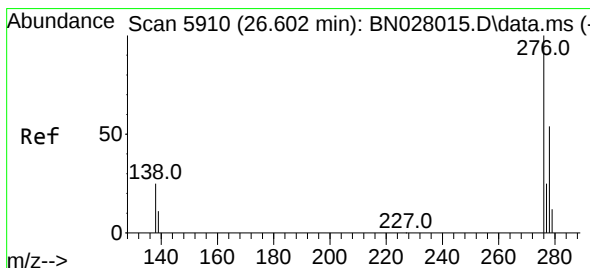
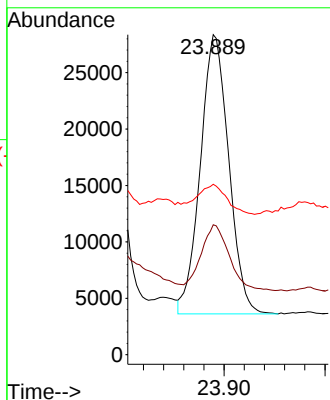
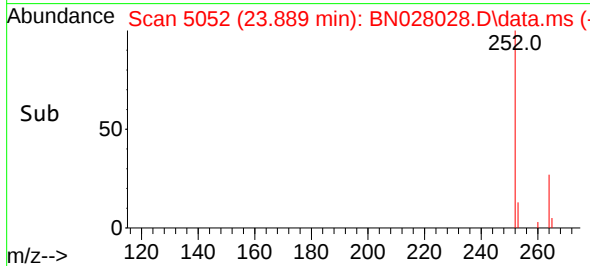
Instrument :
BNA_N
ClientSampleId :
EZY7



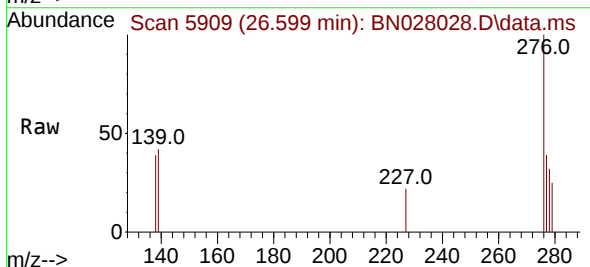
Tgt Ion:252 Resp: 48395
Ion Ratio Lower Upper
252 100
253 40.6 23.4 35.2
125 53.2 15.3 22.9

Manual Integrations
APPROVED

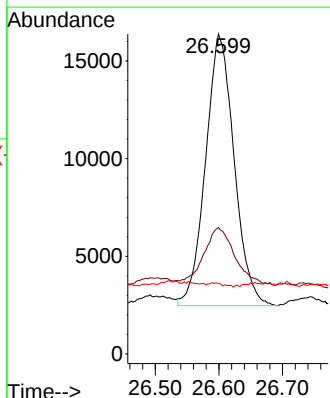
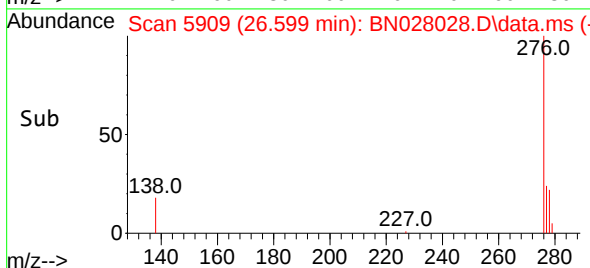
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

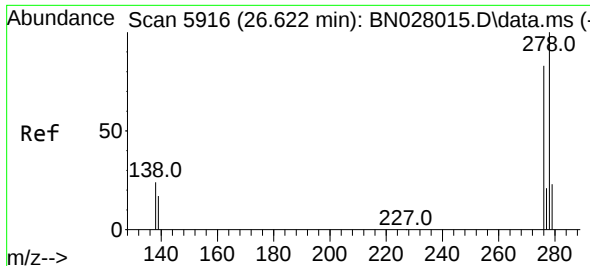


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.543 ng/ul
RT: 26.599 min Scan# 5909
Delta R.T. -0.003 min
Lab File: BN028028.D
Acq: 04 Oct 2023 02:29



Tgt Ion:276 Resp: 43430
Ion Ratio Lower Upper
276 100
138 24.1 21.6 32.4
227 0.7 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.217 ng/ul

RT: 26.599 min Scan# 5909

Delta R.T. -0.020 min

Lab File: BN028028.D

Acq: 04 Oct 2023 02:29

Instrument :

BNA_N

ClientSampleId :

EZY7

Tgt Ion:278 Resp: 1414

Ion Ratio Lower Upper

278 100

139 133.5 15.9 23.9

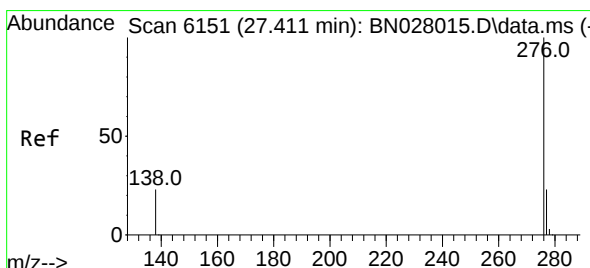
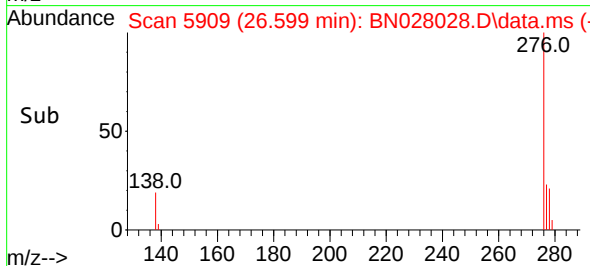
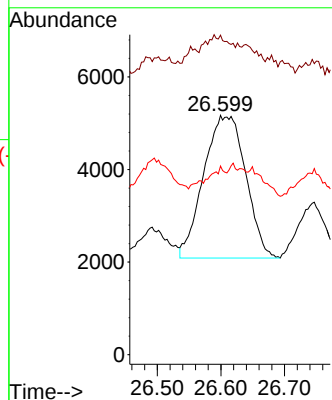
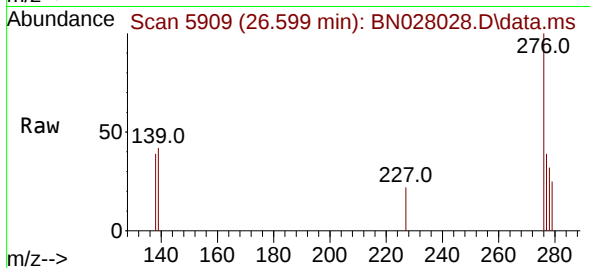
279 78.8 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#29

Benzo(g,h,i)perylene

Concen: 0.801 ng/ul

RT: 27.428 min Scan# 6156

Delta R.T. 0.007 min

Lab File: BN028028.D

Acq: 04 Oct 2023 02:29

Tgt Ion:276 Resp: 52391

Ion Ratio Lower Upper

276 100

138 41.0 19.8 29.6

277 37.9 20.6 31.0

