

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028025.D
 Acq On : 04 Oct 2023 00:39
 Operator : MA/JU
 Sample : 04417-39DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE6DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 04:09:35 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	7.946	152	4175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	14491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	8773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	20452	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	18368	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	16216	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	6184	1.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	2366	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	5898	0.101	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.812	128	13899	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	8064	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	5733	0.213	ng/ul	100
10) Acenaphthylene	14.314	152	1515	0.038	ng/ul#	32
11) Acenaphthene	14.652	153	663	0.021	ng/ul#	76
15) Phenanthrene	17.384	178	87089	1.429	ng/ul	98
16) Anthracene	17.477	178	4950m	0.091	ng/ul	
19) Fluoranthene	19.399	202	172080	2.453	ng/ul	99
20) Pyrene	19.766	202	149382	2.055	ng/ul	99
21) Benzo(a)anthracene	21.513	228	77930	1.162	ng/ul	95
22) Chrysene	21.568	228	122614	1.810	ng/ul	95
24) Benzo(b)fluoranthene	23.235	252	159271m	2.649	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	57477m	0.961	ng/ul	
26) Benzo(a)pyrene	23.886	252	69984	1.365	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.586	276	70511	1.137	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.603	278	20307	0.402	ng/ul#	66
29) Benzo(g,h,i)perylene	27.411	276	65685	1.295	ng/ul	97

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

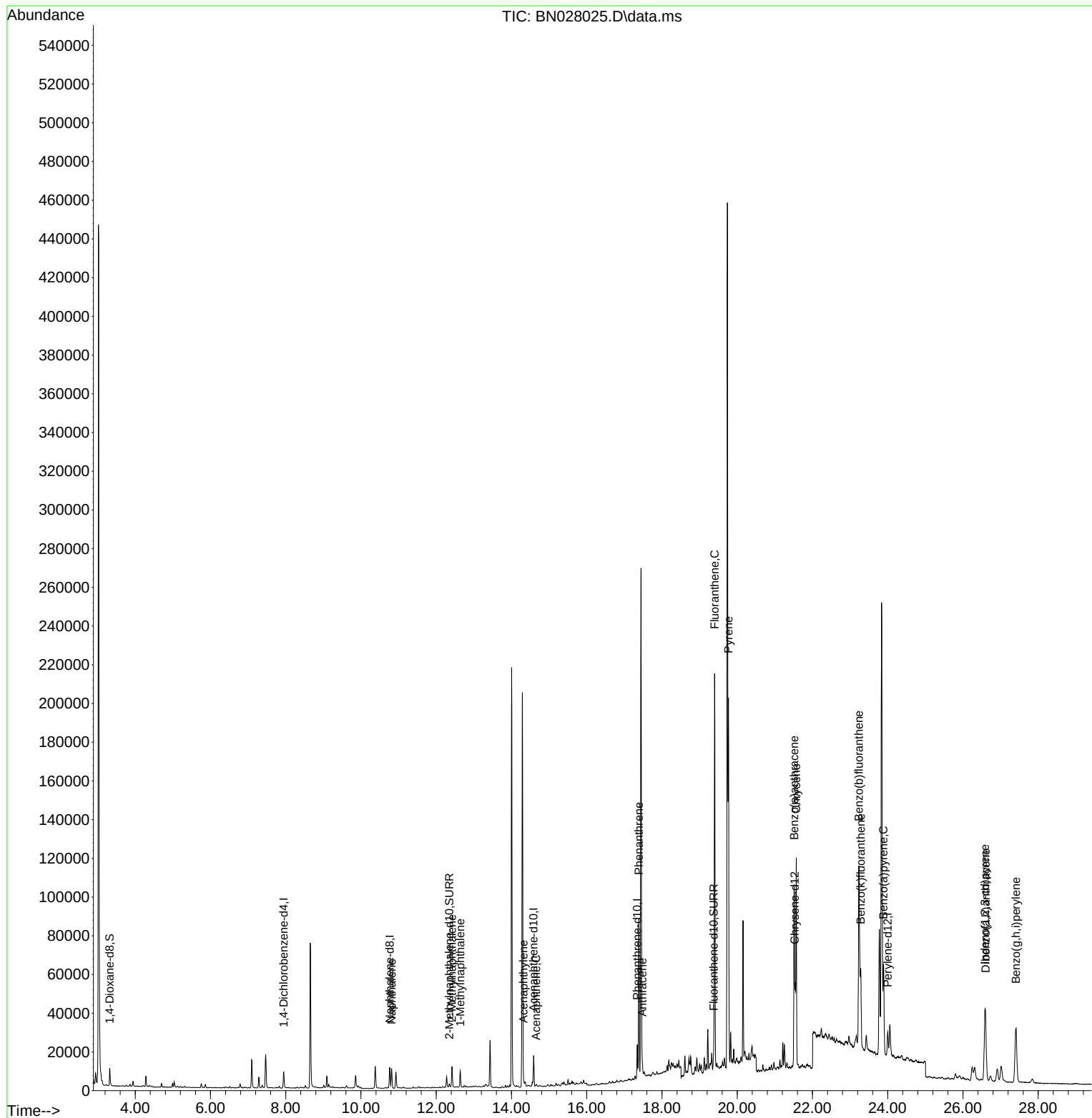
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
Data File : BN028025.D
Acq On : 04 Oct 2023 00:39
Operator : MA/JU
Sample : 04417-39DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

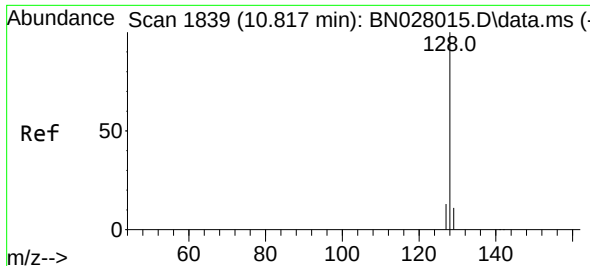
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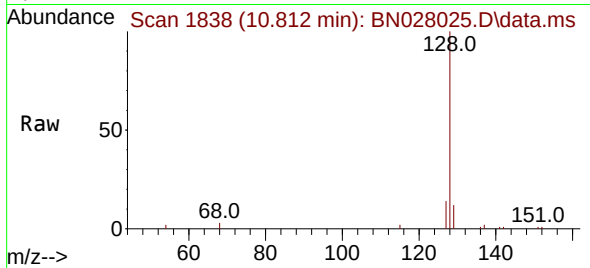
Quant Time: Oct 04 04:09:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.812 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

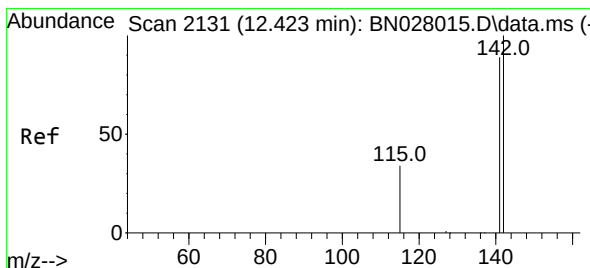
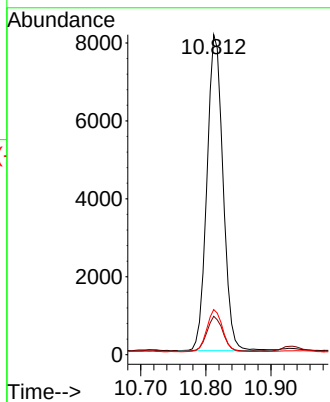
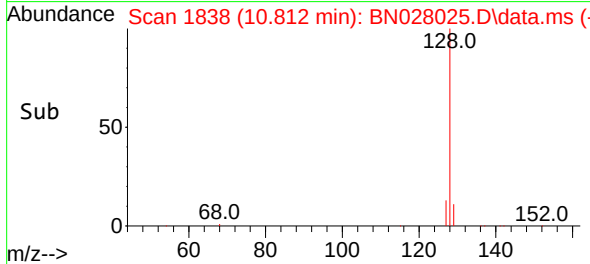
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:128 Resp: 1389
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 14.1 11.0 16.4

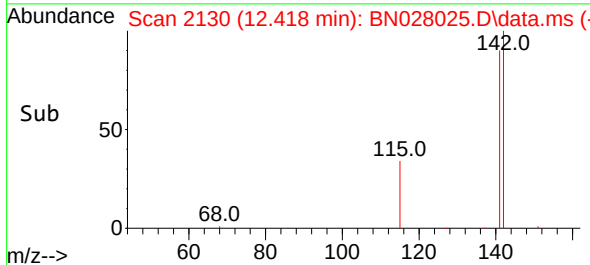
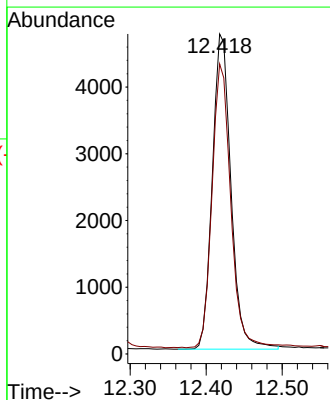
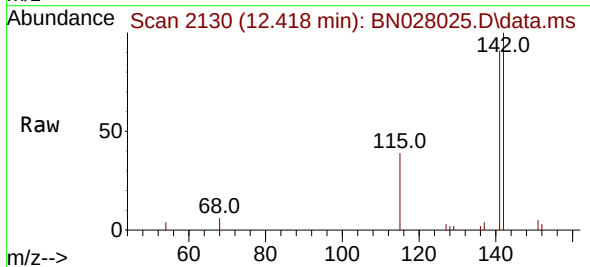
Manual Integrations
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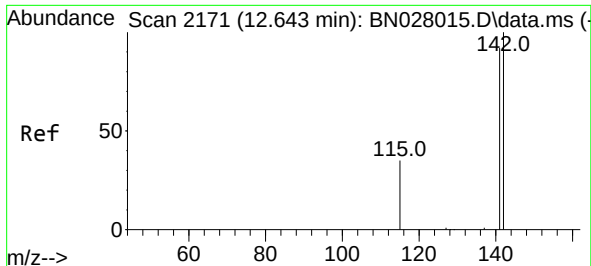
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

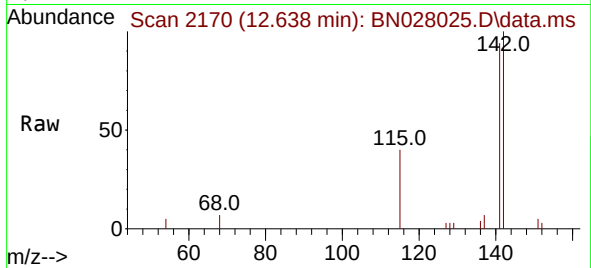
Tgt Ion:142 Resp: 8064
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.638 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

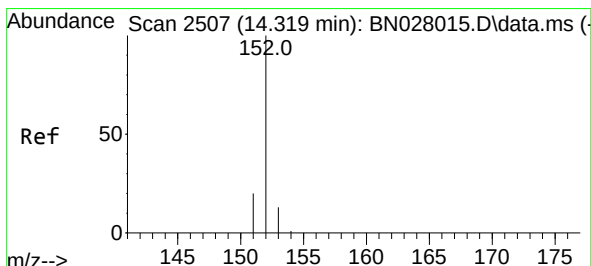
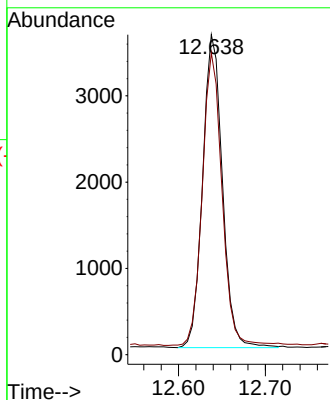
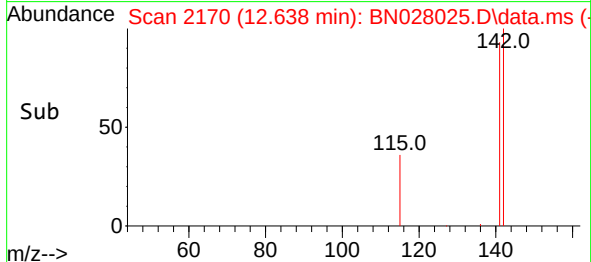
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:142 Resp: 573
Ion Ratio Lower Upper
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141 92.7 74.4 111.6

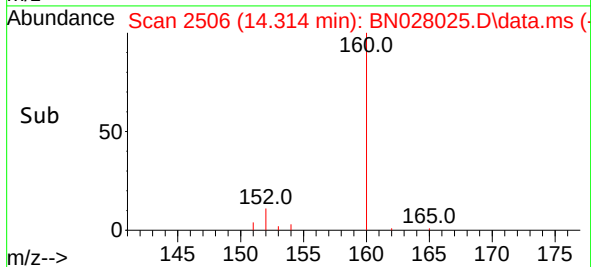
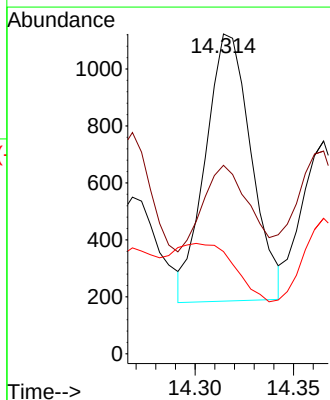
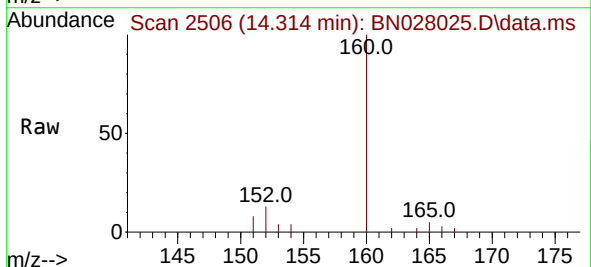
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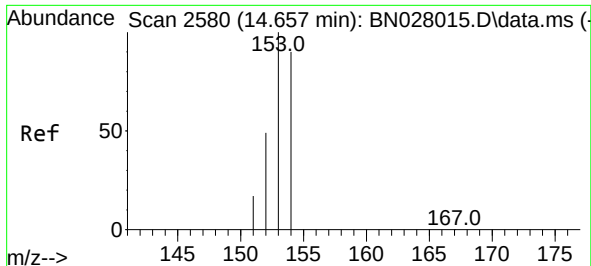
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

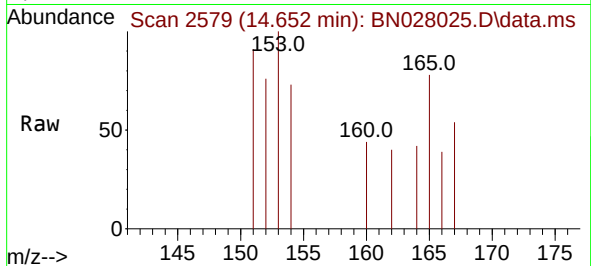
Tgt Ion:152 Resp: 1515
Ion Ratio Lower Upper
152 100
151 58.9 16.4 24.6#
153 32.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.652 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

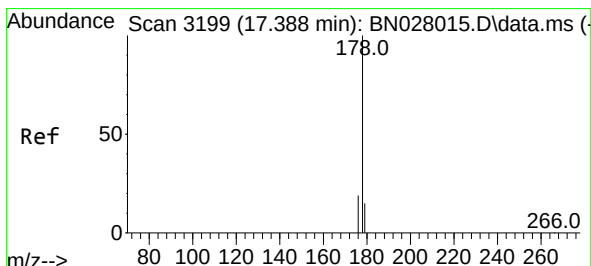
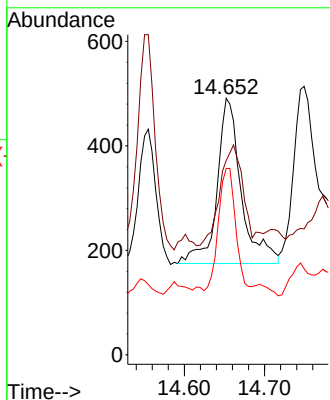
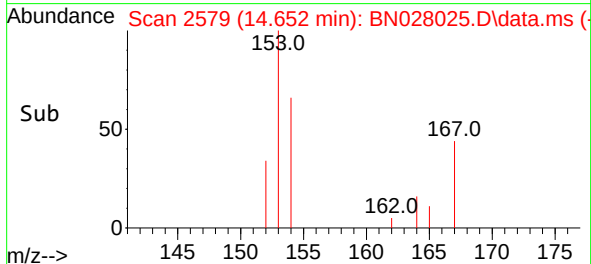
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:153 Resp: 66
Ion Ratio Lower Upper
153 100
152 75.8 39.4 59.0
154 72.7 70.2 105.4

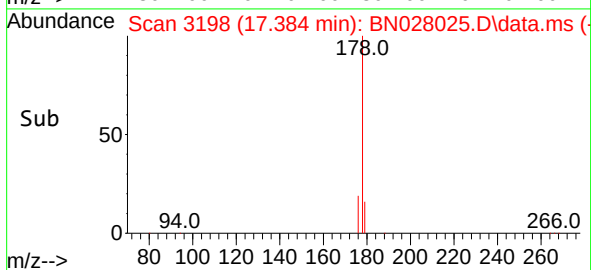
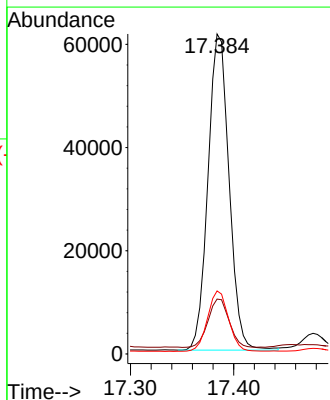
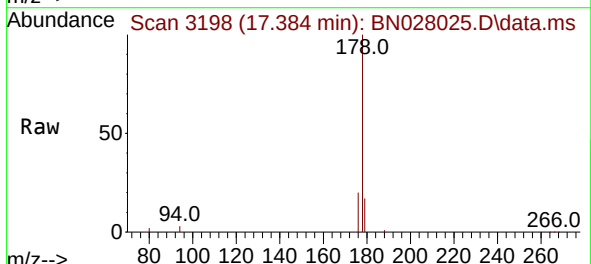
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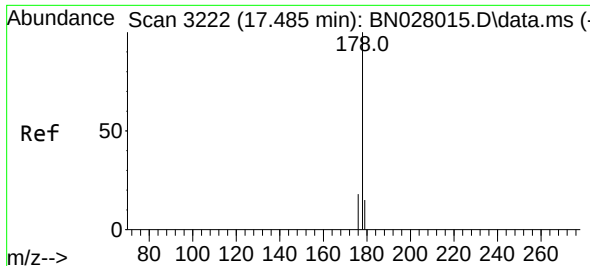
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#15
Phenanthrene
Concen: 1.429 ng/ul
RT: 17.384 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

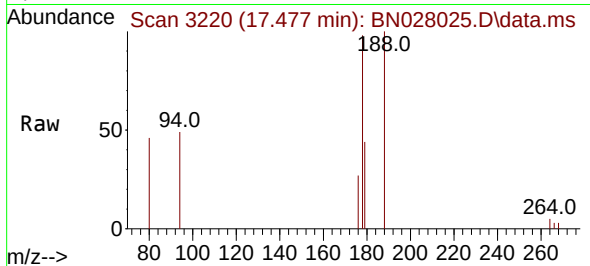
Tgt Ion:178 Resp: 87089
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 19.7 15.5 23.3





#16
 Anthracene
 Concen: 0.091 ng/ul m
 RT: 17.477 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN028025.D
 Acq: 04 Oct 2023 00:39

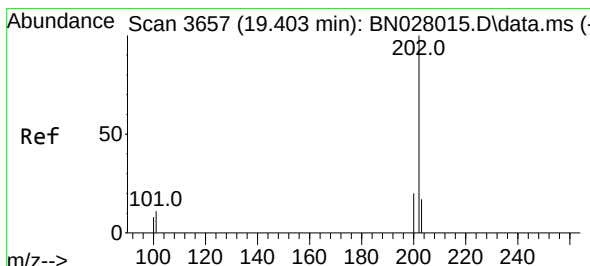
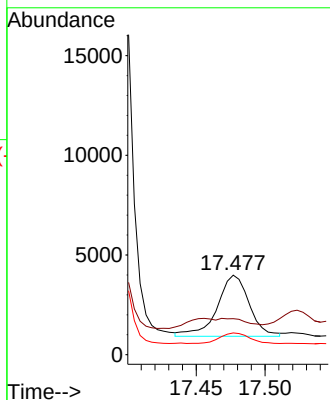
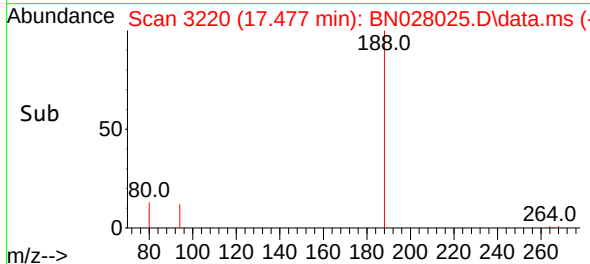
Instrument :
 BNA_N
 ClientSampleId :
 EYZE6DL



Tgt Ion:178 Resp: 4950
 Ion Ratio Lower Upper
 178 100
 179 45.2 12.8 19.2
 176 27.4 15.0 22.6

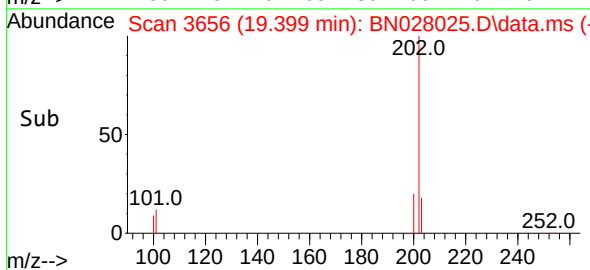
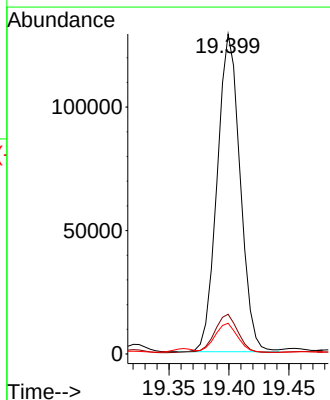
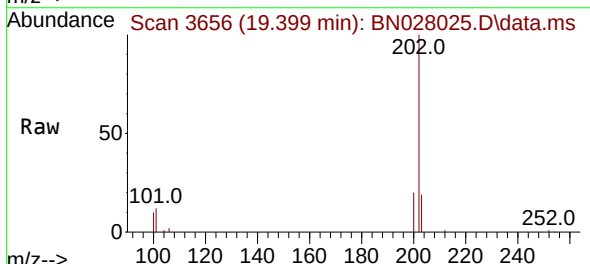
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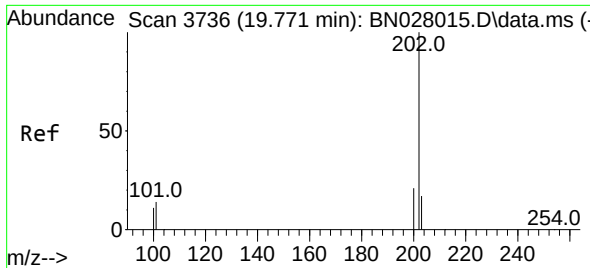
Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023



#19
 Fluoranthene
 Concen: 2.453 ng/ul
 RT: 19.399 min Scan# 3656
 Delta R.T. -0.004 min
 Lab File: BN028025.D
 Acq: 04 Oct 2023 00:39

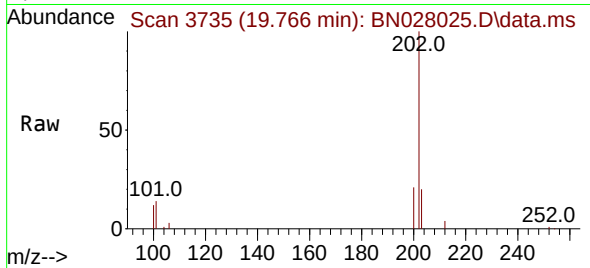
Tgt Ion:202 Resp: 172080
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.6 14.4
 100 9.6 7.4 11.0





#20
Pyrene
Concen: 2.055 ng/ul
RT: 19.766 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

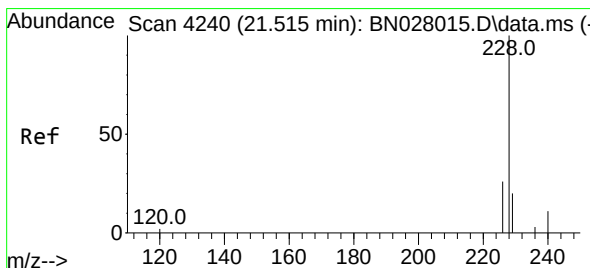
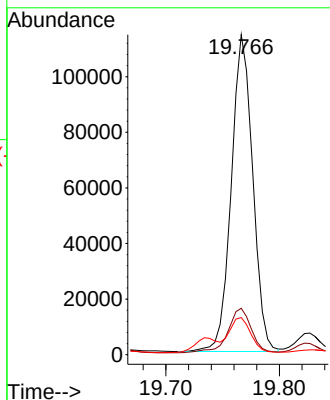
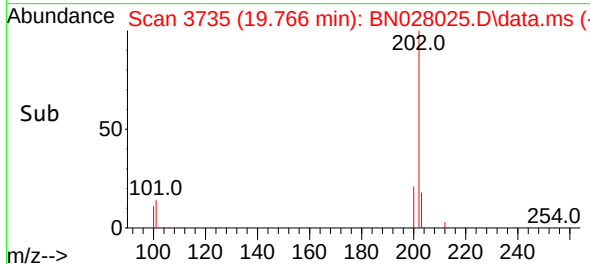
Instrument :
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ClientSampleId :
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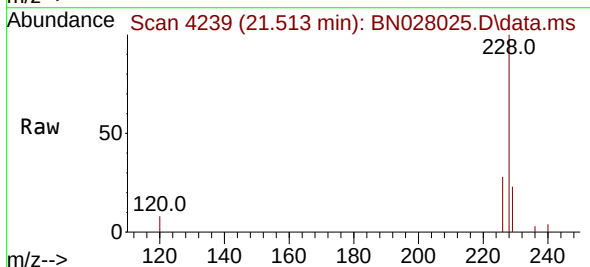
Tgt Ion:202 Resp: 14938
Ion Ratio Lower Upper
202 100
101 14.5 11.2 16.8
100 11.6 9.1 13.7

Manual Integrations
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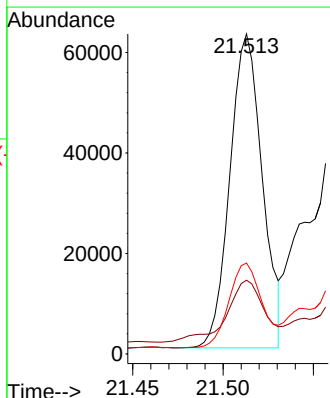
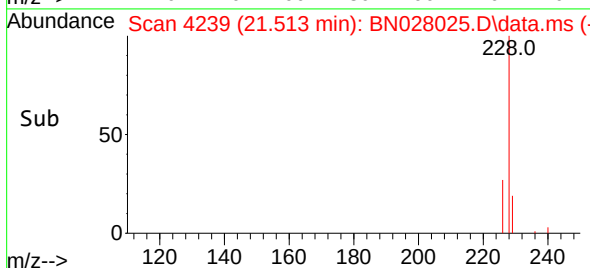
Reviewed By :Yogesh Patel 10/04/2023
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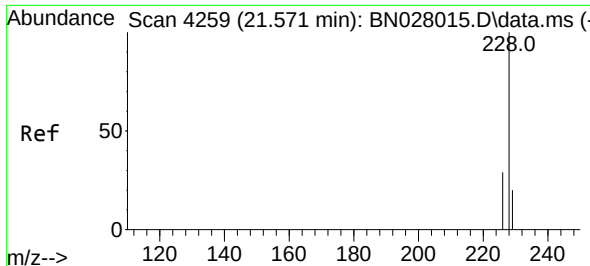


#21
Benzo(a)anthracene
Concen: 1.162 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. -0.005 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39



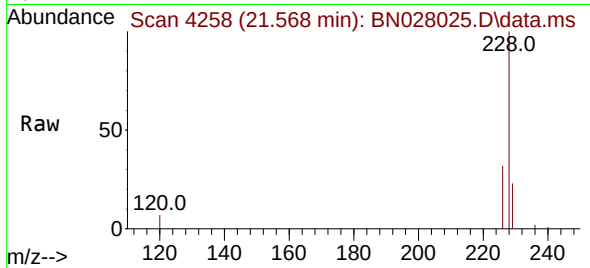
Tgt Ion:228 Resp: 77930
Ion Ratio Lower Upper
228 100
229 23.1 16.0 24.0
226 28.4 21.5 32.3





#22
Chrysene
Concen: 1.810 ng/ul
RT: 21.568 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

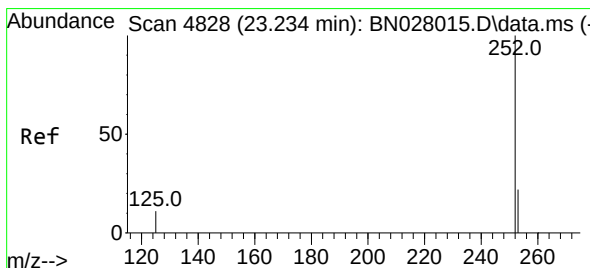
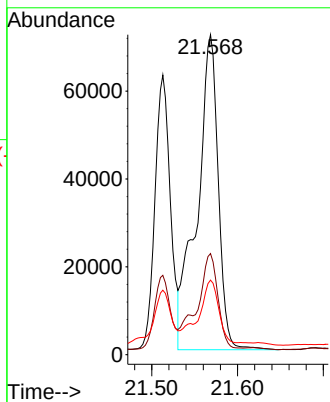
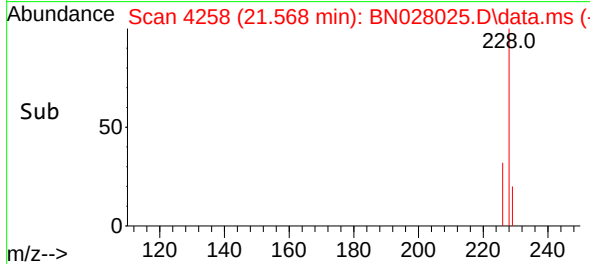
Instrument :
BNA_N
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EZY6DL



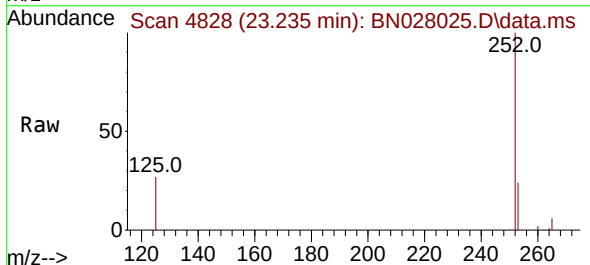
Tgt Ion:228 Resp: 122614
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.8
229 23.3 16.0 24.0

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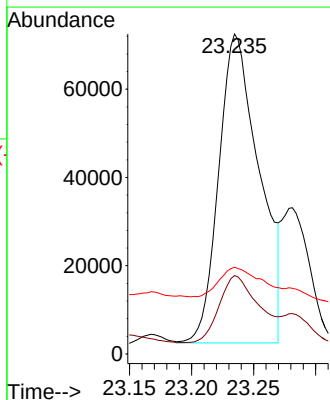
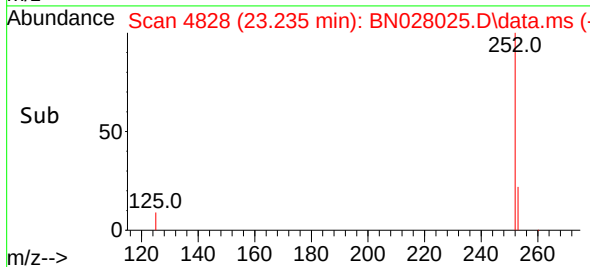
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

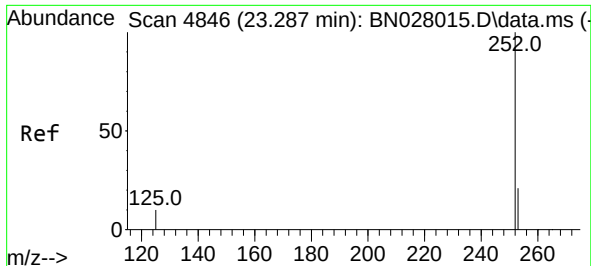


#24
Benzo(b)fluoranthene
Concen: 2.649 ng/ul m
RT: 23.235 min Scan# 4828
Delta R.T. -0.005 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39



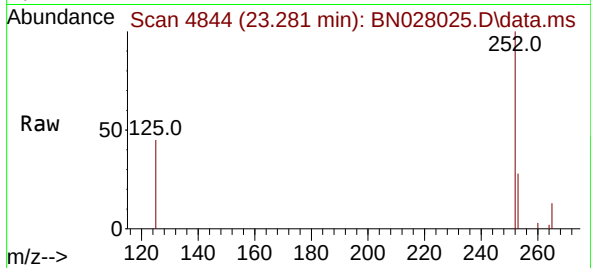
Tgt Ion:252 Resp: 159271
Ion Ratio Lower Upper
252 100
253 24.5 0.0 54.0
125 27.1 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.961 ng/ul m
RT: 23.281 min Scan# 4846
Delta R.T. -0.008 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

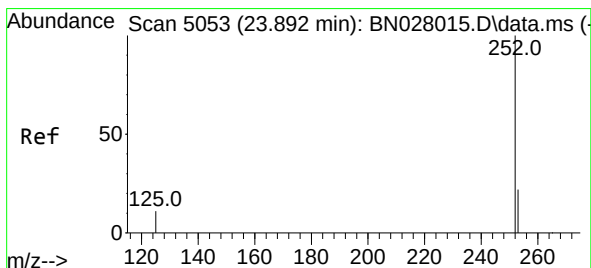
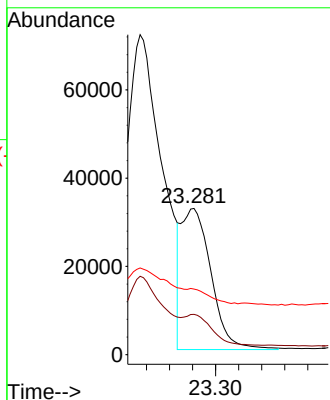
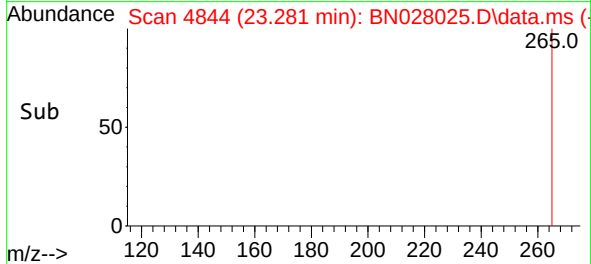
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:252 Resp: 5747
Ion Ratio Lower Upper
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253 27.5 21.8 32.8
125 44.8 12.8 19.2

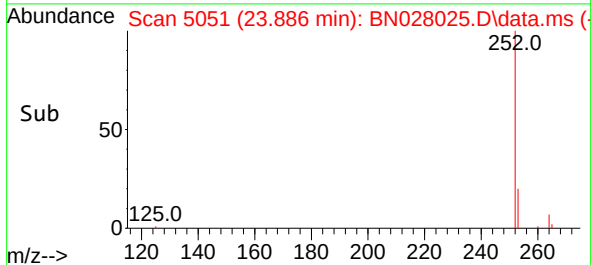
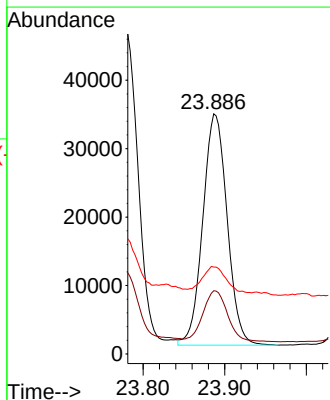
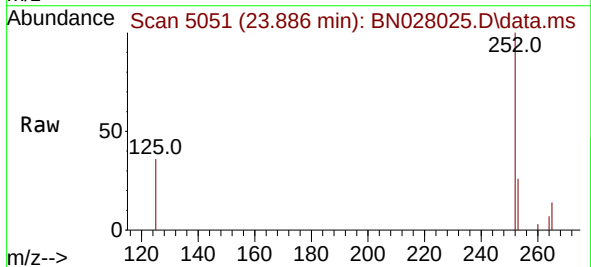
Manual Integrations
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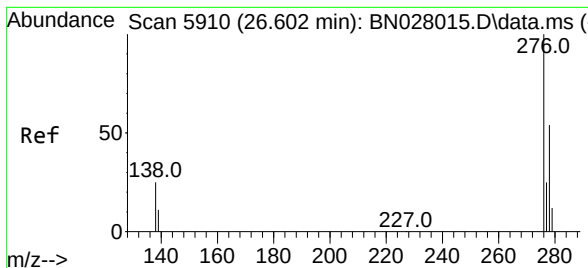
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#26
Benzo(a)pyrene
Concen: 1.365 ng/ul
RT: 23.886 min Scan# 5051
Delta R.T. -0.008 min
Lab File: BN028025.D
Acq: 04 Oct 2023 00:39

Tgt Ion:252 Resp: 69984
Ion Ratio Lower Upper
252 100
253 26.3 23.4 35.2
125 36.1 15.3 22.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.137 ng/ul

RT: 26.586 min Scan# 5905

Delta R.T. -0.016 min

Lab File: BN028025.D

Acq: 04 Oct 2023 00:39

Instrument :

BNA_N

ClientSampleId :

EZY6DL

Tgt Ion:276 Resp: 7051

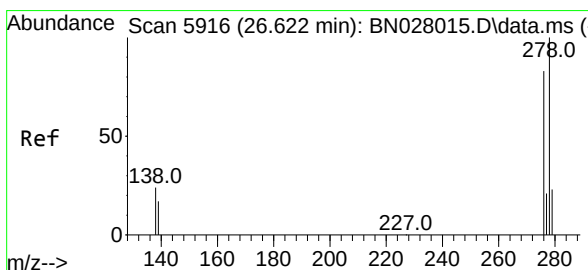
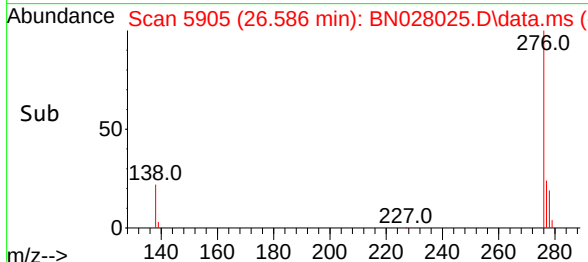
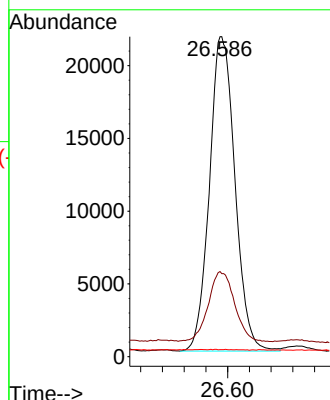
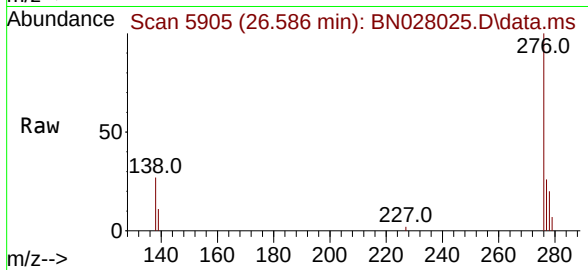
Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.6	32.4
227	0.1	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 26.603 min Scan# 5910

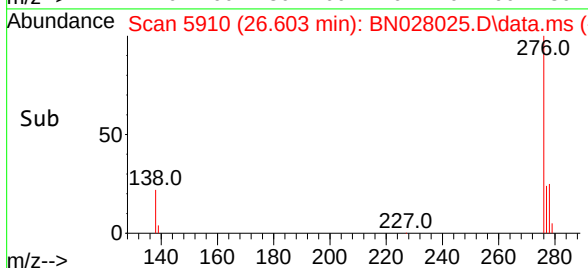
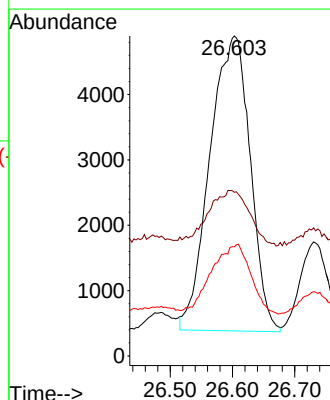
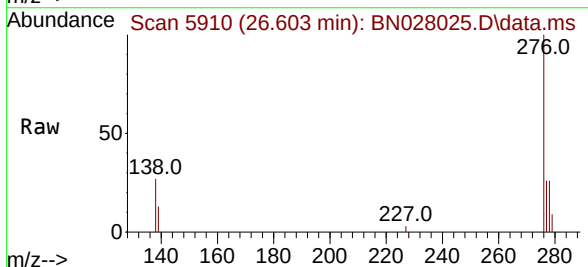
Delta R.T. -0.016 min

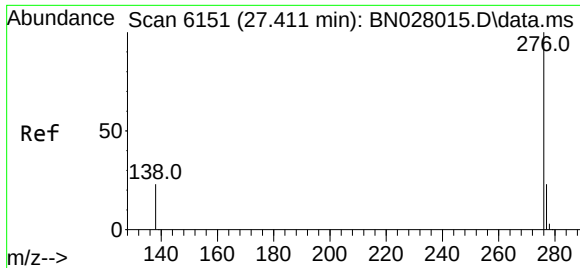
Lab File: BN028025.D

Acq: 04 Oct 2023 00:39

Tgt Ion:278 Resp: 20307

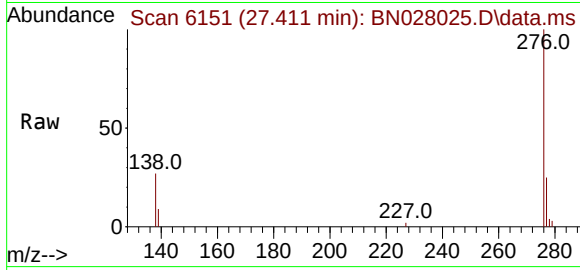
Ion	Ratio	Lower	Upper
278	100		
139	51.2	15.9	23.9
279	34.1	22.8	34.2





#29
 Benzo(g,h,i)perylene
 Concen: 1.295 ng/ul
 RT: 27.411 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: BN028025.D
 Acq: 04 Oct 2023 00:39

Instrument :
 BNA_N
 ClientSampleId :
 EZYE6DL



Tgt Ion: 276 Resp: 6568

Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.8	29.6
277	25.3	20.6	31.0

Manual Integrations
 APPROVED

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

