

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 02:56:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	8079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	26666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	34729	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	29261	0.400	ng/ul	# 0.00
23) Perylene-d12	24.184	264	26541	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	42653	4.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	8860	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	20349	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	13049	0.173	ng/ul	97
7) 2-Methylnaphthalene	12.572	142	4801	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	3138	0.066	ng/ul	100
10) Acenaphthylene	14.453	152	38190	0.433	ng/ul	100
11) Acenaphthene	14.791	153	6079	0.100	ng/ul	94
12) Fluorene	15.772	166	9348	0.135	ng/ul	98
15) Phenanthrene	17.514	178	245940	2.156	ng/ul	100
16) Anthracene	17.607	178	48478	0.470	ng/ul	99
19) Fluoranthene	19.515	202	764753	6.292	ng/ul	97
20) Pyrene	19.882	202	686697m	5.295	ng/ul	
21) Benzo(a)anthracene	21.623	228	341538	2.935	ng/ul	99
22) Chrysene	21.682	228	382640	3.331	ng/ul	97
24) Benzo(b)fluoranthene	23.398	252	540236m	5.381	ng/ul	
25) Benzo(k)fluoranthene	23.442	252	164963m	1.666	ng/ul	
26) Benzo(a)pyrene	24.070	252	320358	3.536	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.867	276	214965	1.814	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.887	278	46464	0.492	ng/ul#	88
29) Benzo(g,h,i)perylene	27.709	276	208567	2.114	ng/ul	99

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

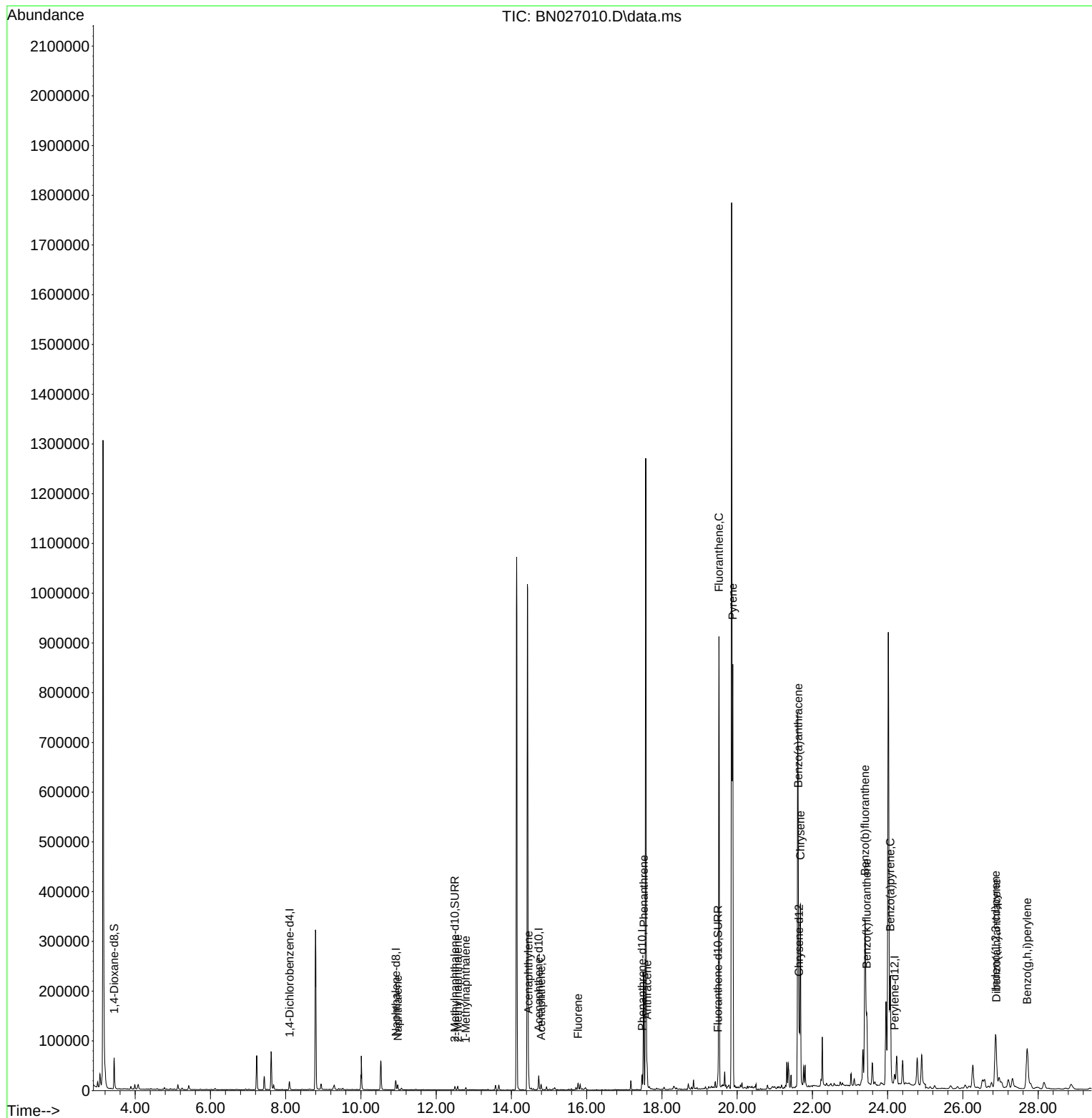
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027010.D
Acq On : 22 Aug 2023 02:26
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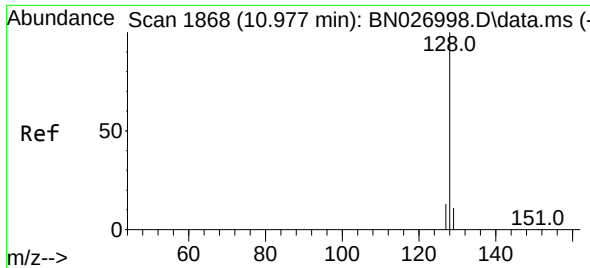
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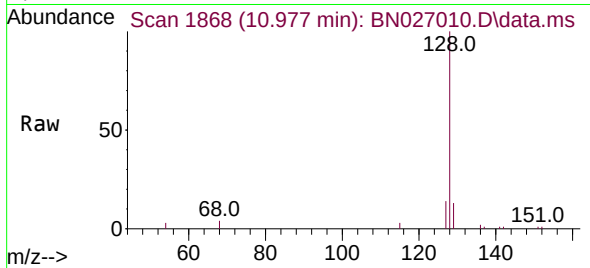
Quant Time: Aug 22 02:56:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

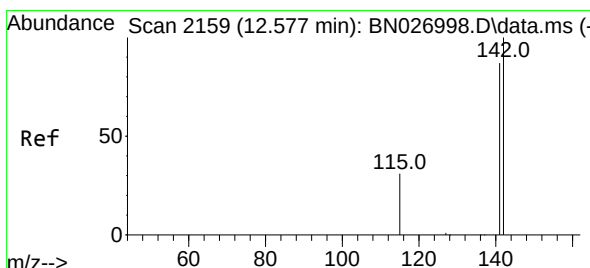
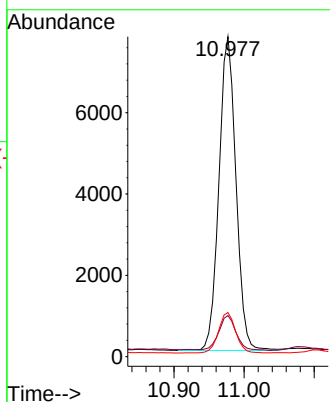
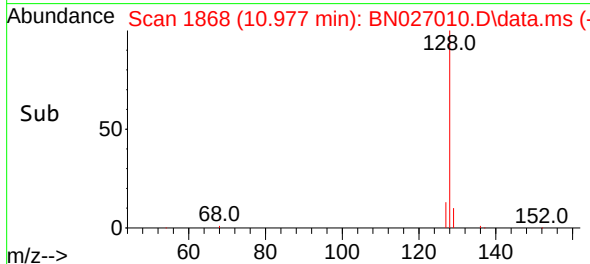
Instrument :
BNA_N
ClientSampleId :
A48N1



Tgt Ion:128 Resp: 13049
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 13.8 10.5 15.7

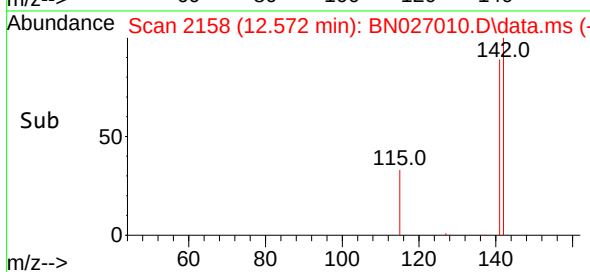
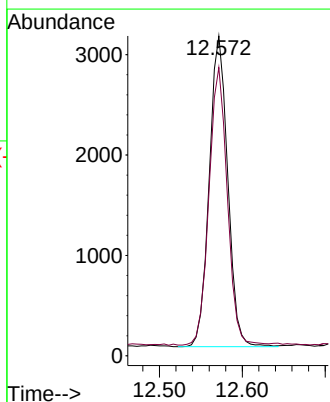
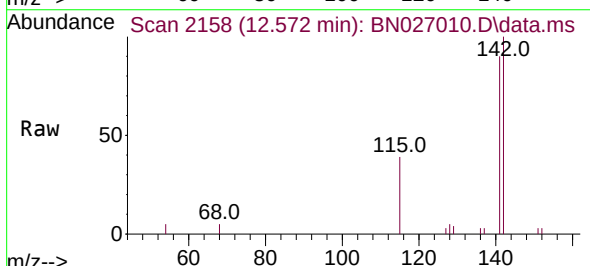
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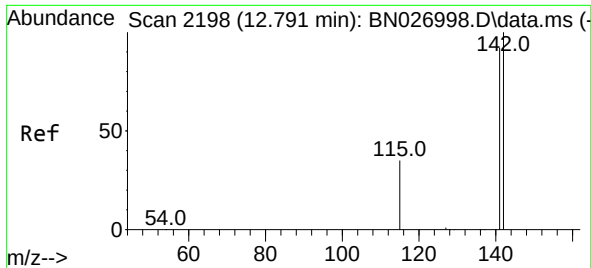
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

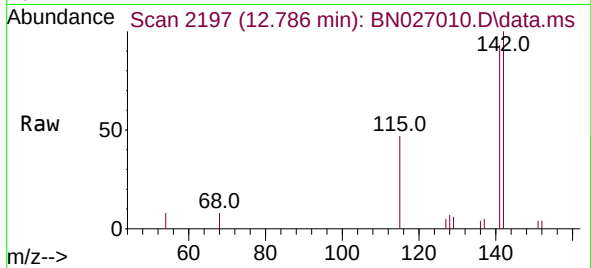
Tgt Ion:142 Resp: 4801
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

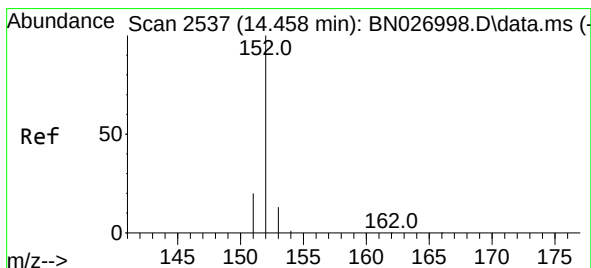
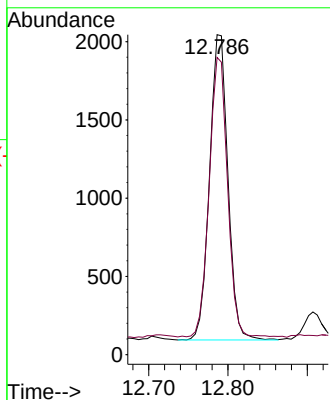
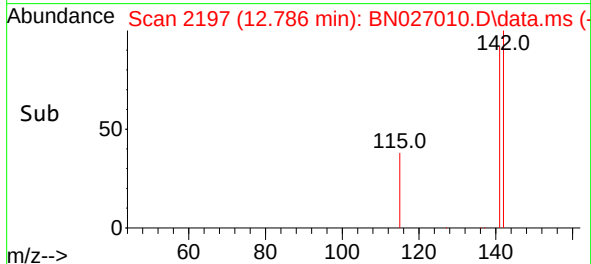
Instrument :
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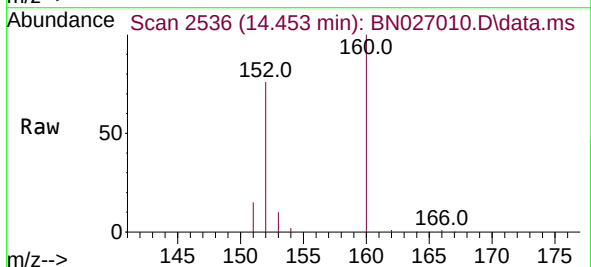
Tgt Ion:142 Resp: 3138
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

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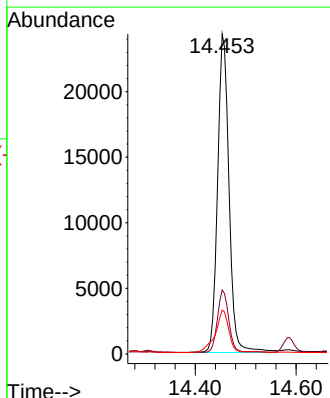
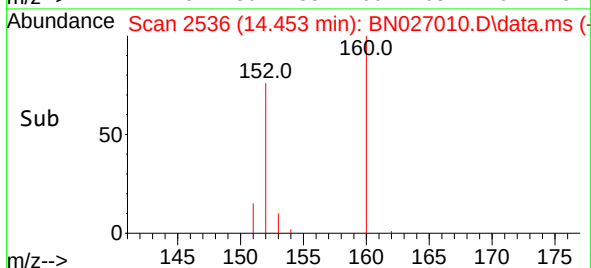
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

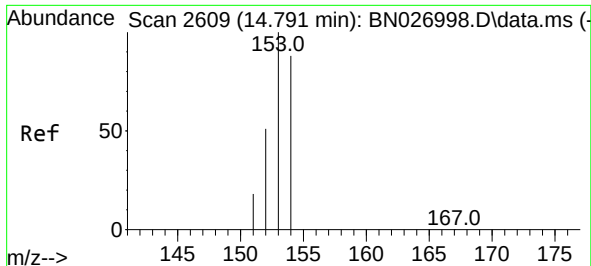


#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.453 min Scan# 2536
Delta R.T. -0.005 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26



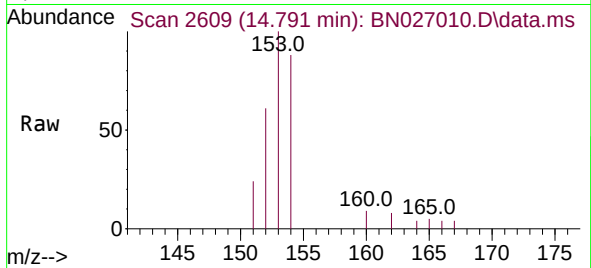
Tgt Ion:152 Resp: 38190
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.7 11.0 16.6





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

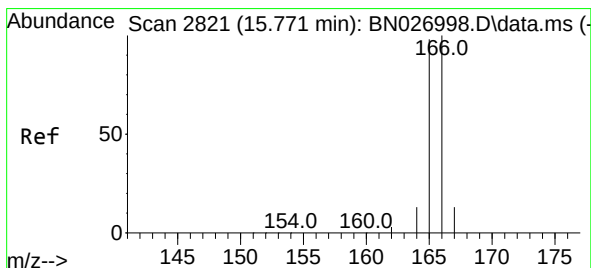
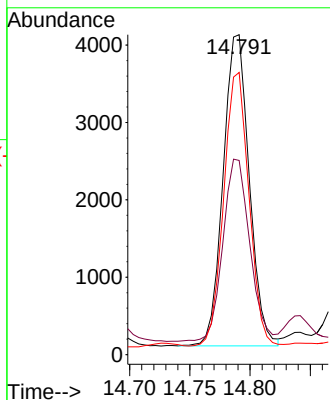
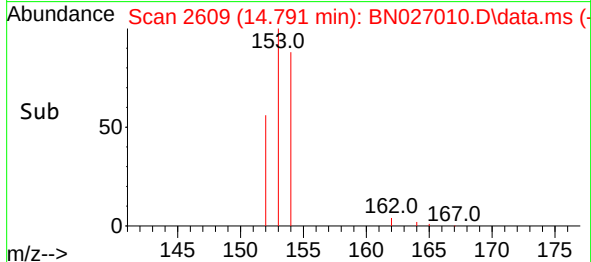
Instrument :
BNA_N
ClientSampleId :
A48N1



Tgt Ion:153 Resp: 6079
Ion Ratio Lower Upper
153 100
152 60.7 41.1 61.7
154 88.2 71.6 107.4

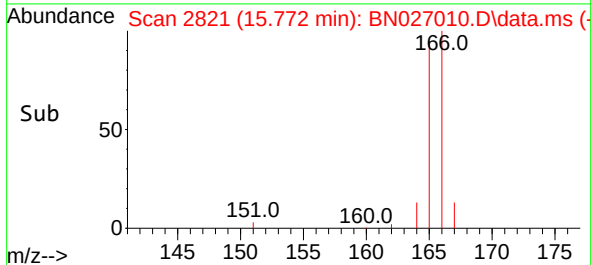
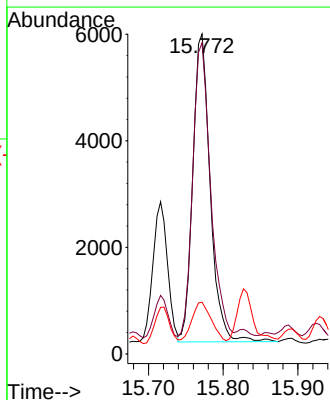
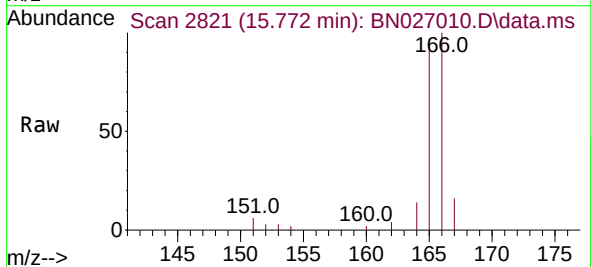
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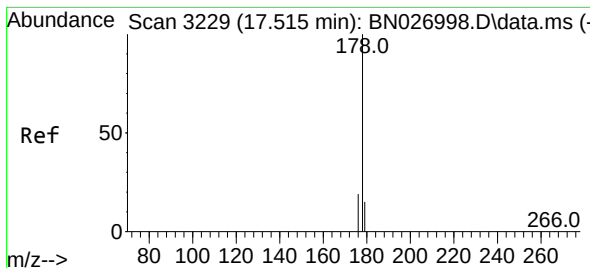
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

Tgt Ion:166 Resp: 9348
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 16.2 11.4 17.0





#15

Phenanthrene

Concen: 2.156 ng/ul

RT: 17.514 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN027010.D

Acq: 22 Aug 2023 02:26

Instrument :

BNA_N

ClientSampleId :

A48N1

Tgt Ion:178 Resp: 245940

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

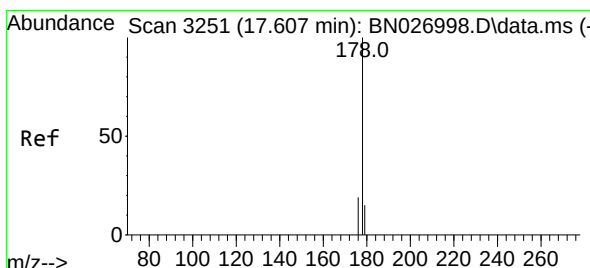
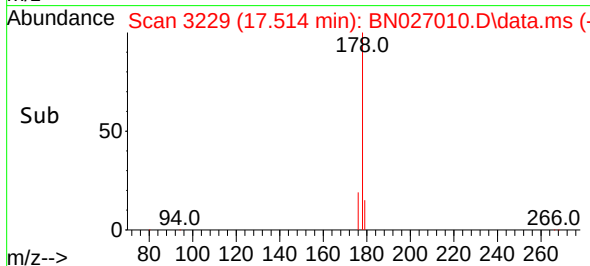
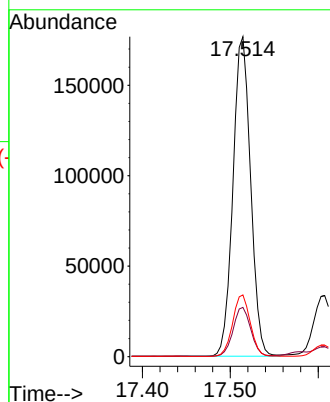
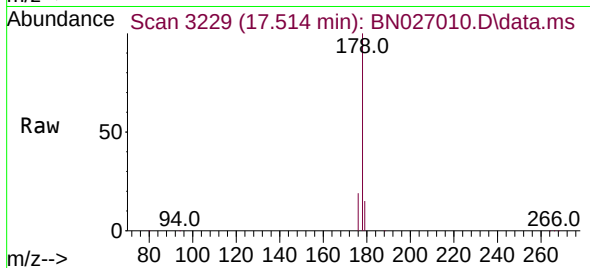
176 19.3 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#16

Anthracene

Concen: 0.470 ng/ul

RT: 17.607 min Scan# 3251

Delta R.T. -0.000 min

Lab File: BN027010.D

Acq: 22 Aug 2023 02:26

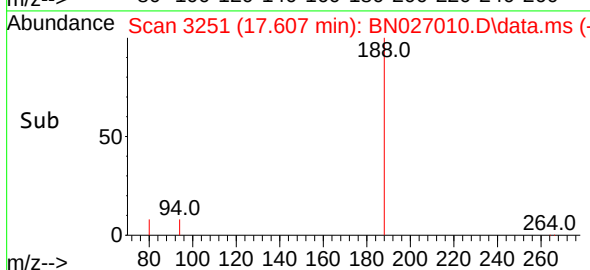
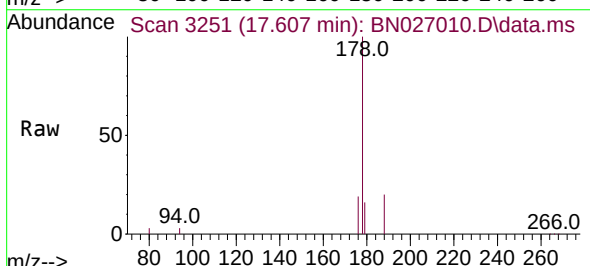
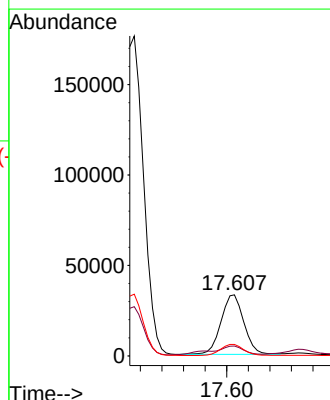
Tgt Ion:178 Resp: 48478

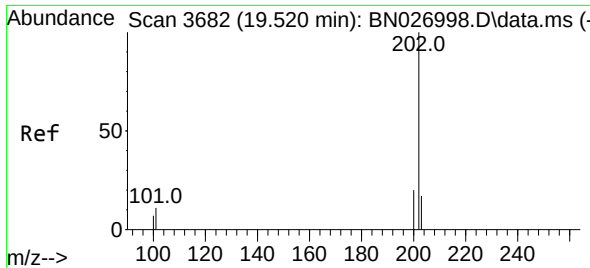
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

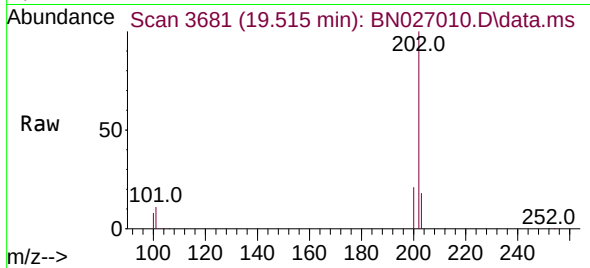
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 6.292 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.010 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

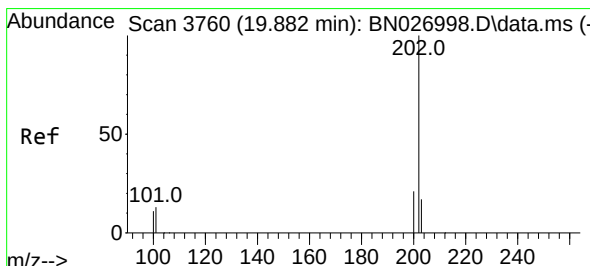
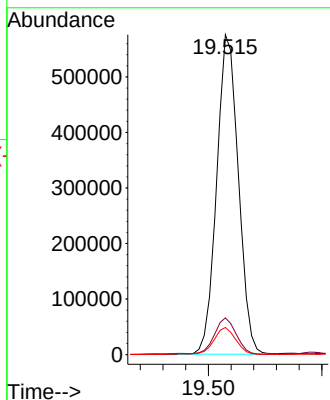
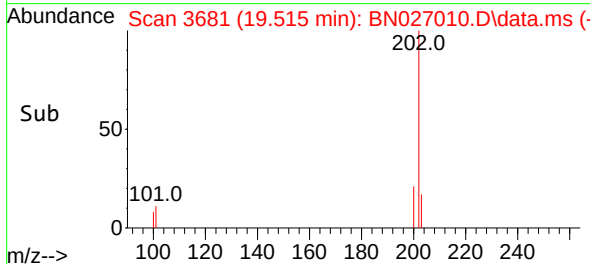
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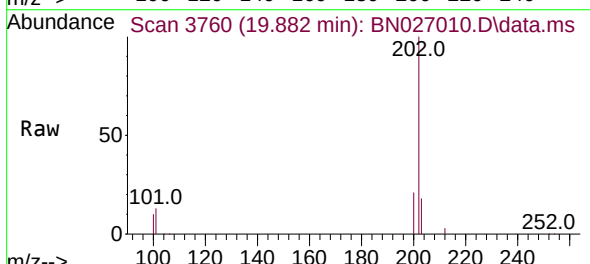
Tgt Ion:202 Resp: 764753
Ion Ratio Lower Upper
202 100
101 11.5 8.3 12.5
100 8.5 6.2 9.2

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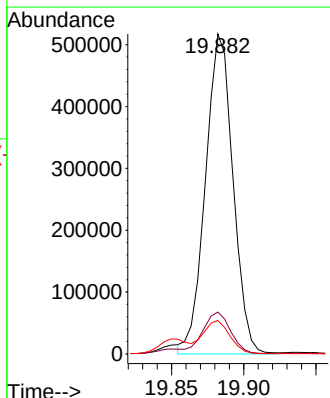
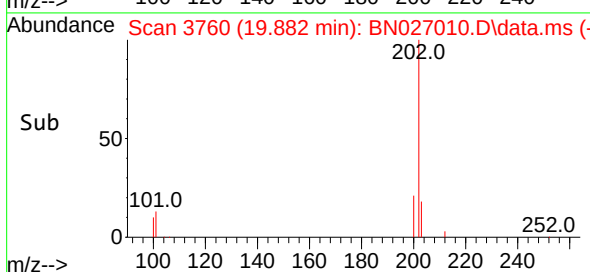
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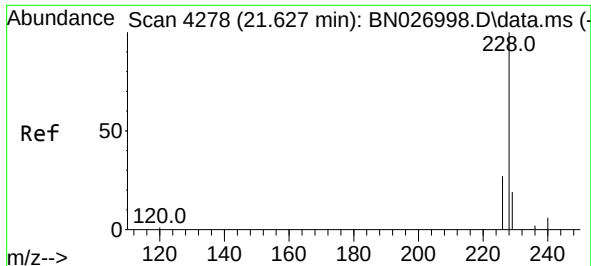


#20
Pyrene
Concen: 5.295 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26



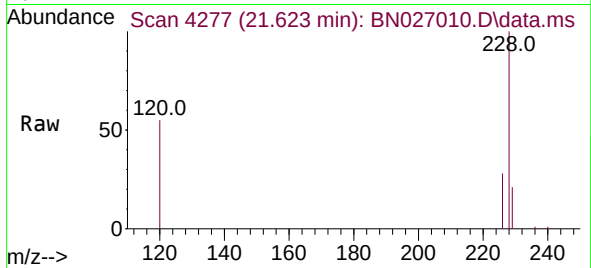
Tgt Ion:202 Resp: 686697
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.935 ng/ul
RT: 21.623 min Scan# 4278
Delta R.T. -0.009 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

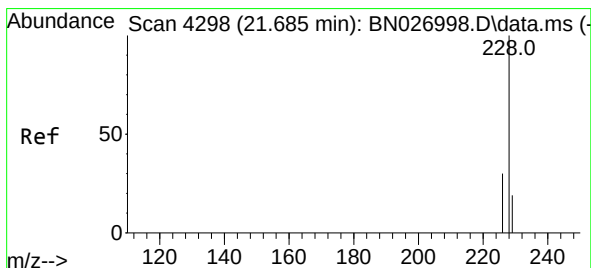
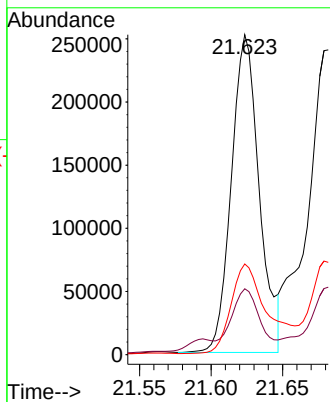
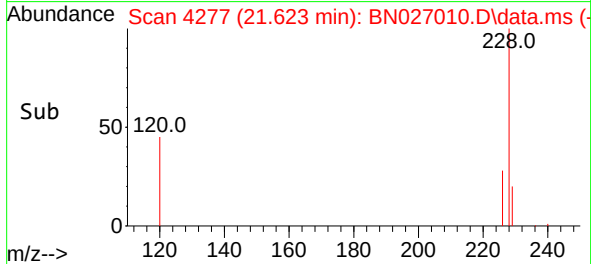
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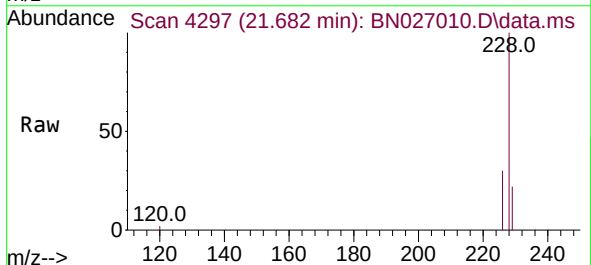
Tgt Ion:228 Resp: 341538
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.3 22.2 33.2

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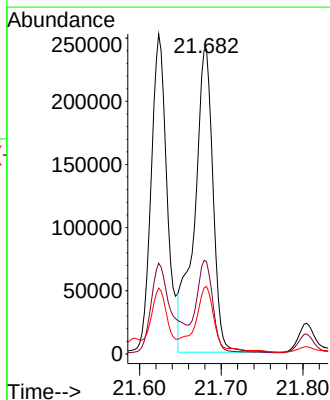
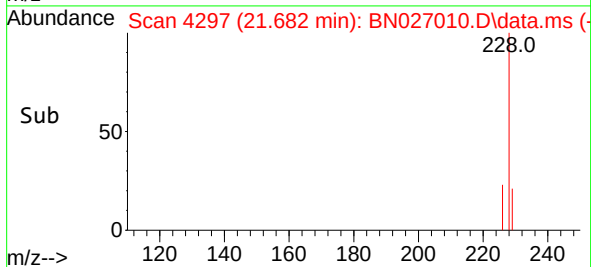
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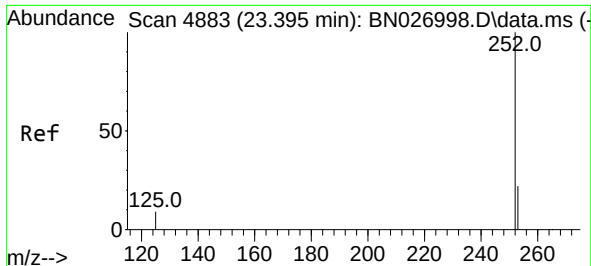


#22
Chrysene
Concen: 3.331 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26



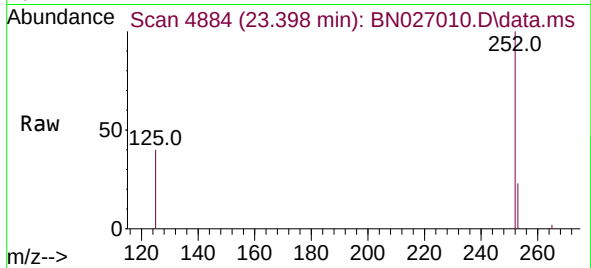
Tgt Ion:228 Resp: 382640
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.381 ng/ul m
RT: 23.398 min Scan# 4883
Delta R.T. -0.009 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

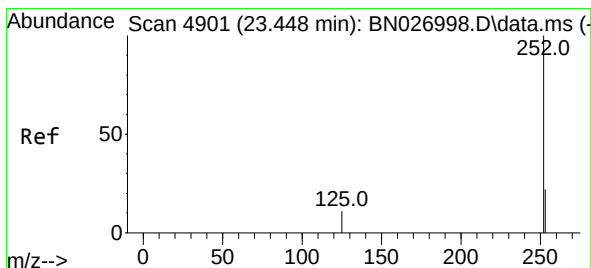
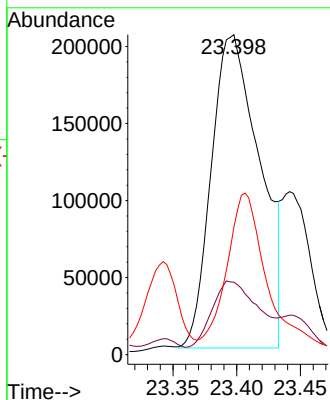
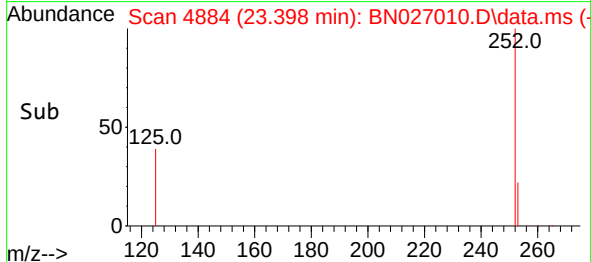
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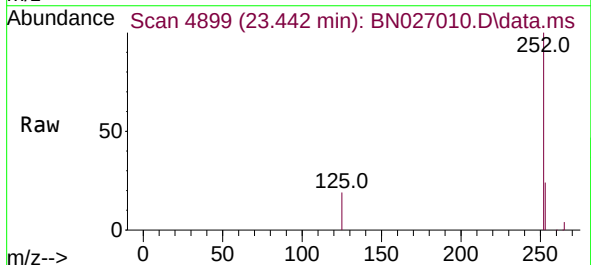
Tgt Ion:252 Resp: 540236
Ion Ratio Lower Upper
252 100
253 22.6 0.0 46.8
125 39.8 0.0 25.2

Manual Integrations
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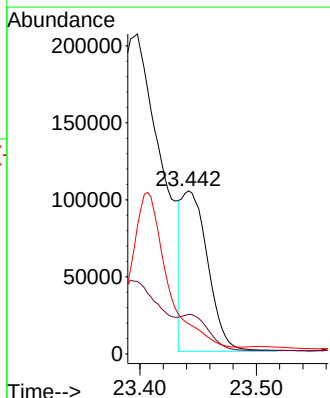
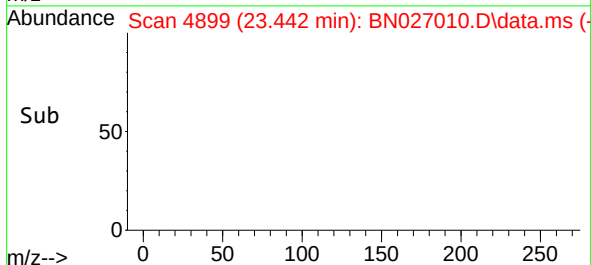
Reviewed By :Yogesh Patel 08/22/2023
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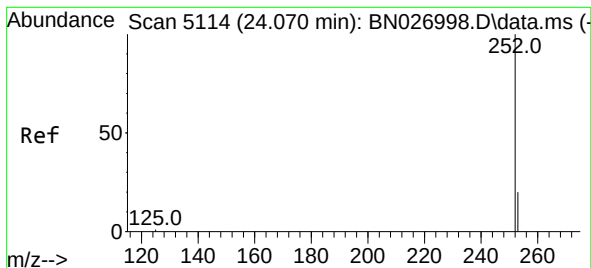


#25
Benzo(k)fluoranthene
Concen: 1.666 ng/ul m
RT: 23.442 min Scan# 4899
Delta R.T. -0.018 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26



Tgt Ion:252 Resp: 164963
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.4
125 18.5 9.9 14.9





#26

Benzo(a)pyrene

Concen: 3.536 ng/ul

RT: 24.070 min Scan# 5114

Delta R.T. -0.015 min

Lab File: BN027010.D

Acq: 22 Aug 2023 02:26

Instrument :

BN027010.D

ClientSampleId :

A48N1

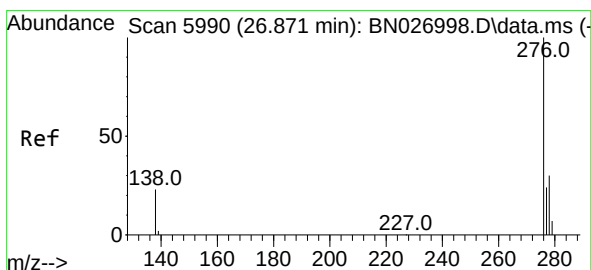
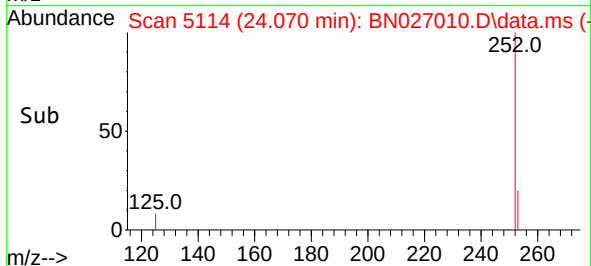
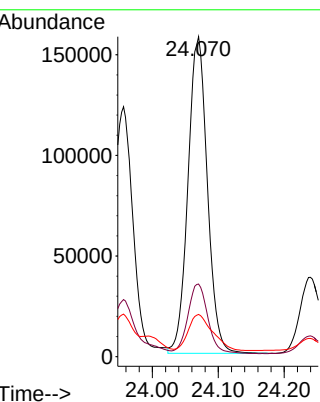
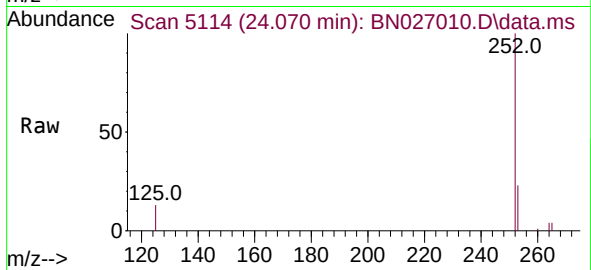
Tgt Ion:252 Resp: 320358
 Ion Ratio Lower Upper
 252 100
 253 22.7 19.0 28.6
 125 13.2 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.814 ng/ul

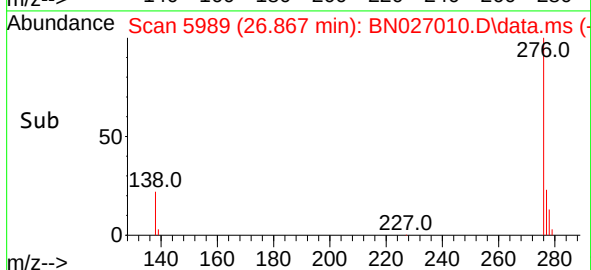
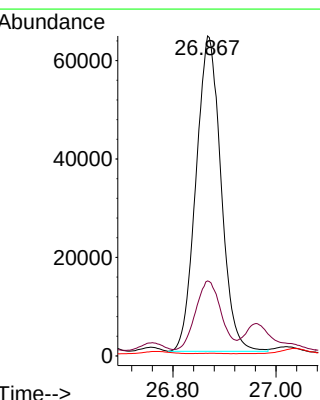
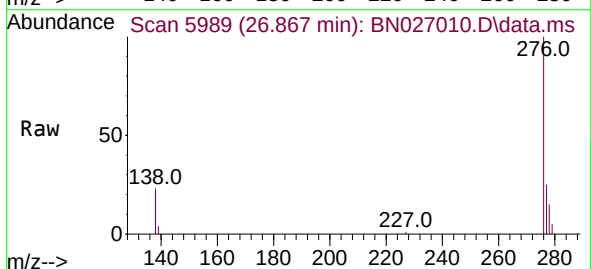
RT: 26.867 min Scan# 5989

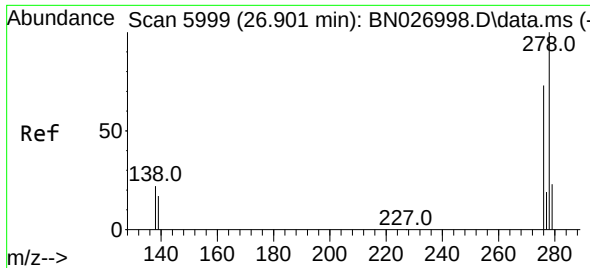
Delta R.T. -0.018 min

Lab File: BN027010.D

Acq: 22 Aug 2023 02:26

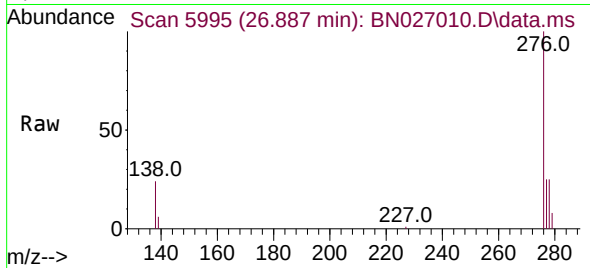
Tgt Ion:276 Resp: 214965
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.6 32.4
 227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.492 ng/ul
RT: 26.887 min Scan# 5999
Delta R.T. -0.034 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

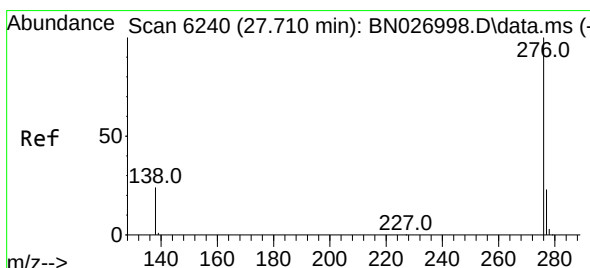
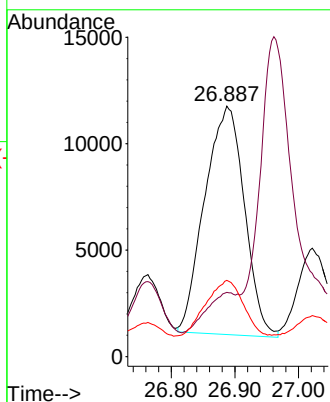
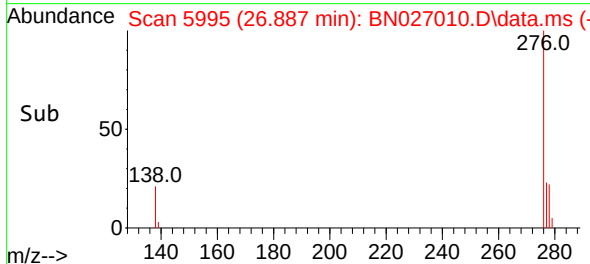
Instrument :
BNA_N
ClientSampleId :
A48N1



Tgt Ion:278 Resp: 46464
Ion Ratio Lower Upper
278 100
139 25.6 15.7 23.5
279 30.4 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#29
Benzo(g,h,i)perylene
Concen: 2.114 ng/ul
RT: 27.709 min Scan# 6240
Delta R.T. -0.014 min
Lab File: BN027010.D
Acq: 22 Aug 2023 02:26

Tgt Ion:276 Resp: 208567
Ion Ratio Lower Upper
276 100
138 23.9 19.3 28.9
277 24.4 19.8 29.8

