

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027101.D
 Acq On : 24 Aug 2023 17:24
 Operator : MA/JU
 Sample : 03968-31RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P9RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:51:01 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 : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	10925	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	36444	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	21829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	59128	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	39186	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	38884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	35041	2.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	7193	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	18156	0.147	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.966	128	9289	0.090	ng/ul	98
7) 2-Methylnaphthalene	12.560	142	4515	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	3897	0.060	ng/ul	99
10) Acenaphthylene	14.444	152	15637	0.128	ng/ul	97
11) Acenaphthene	14.777	153	16728	0.198	ng/ul	99
12) Fluorene	15.762	166	19896	0.208	ng/ul	99
15) Phenanthrene	17.502	178	368949	1.899	ng/ul	99
16) Anthracene	17.595	178	79443	0.453	ng/ul	99
19) Fluoranthene	19.511	202	592326	3.639	ng/ul	99
20) Pyrene	19.878	202	599632m	3.453	ng/ul	
21) Benzo(a)anthracene	21.618	228	290887	1.866	ng/ul	99
22) Chrysene	21.676	228	281748	1.832	ng/ul	97
24) Benzo(b)fluoranthene	23.386	252	341415m	2.321	ng/ul	
25) Benzo(k)fluoranthene	23.436	252	111375m	0.768	ng/ul	
26) Benzo(a)pyrene	24.059	252	246620	1.858	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.844	276	125532	0.723	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	30730	0.222	ng/ul#	86
29) Benzo(g,h,i)perylene	27.689	276	118130	0.817	ng/ul	99

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

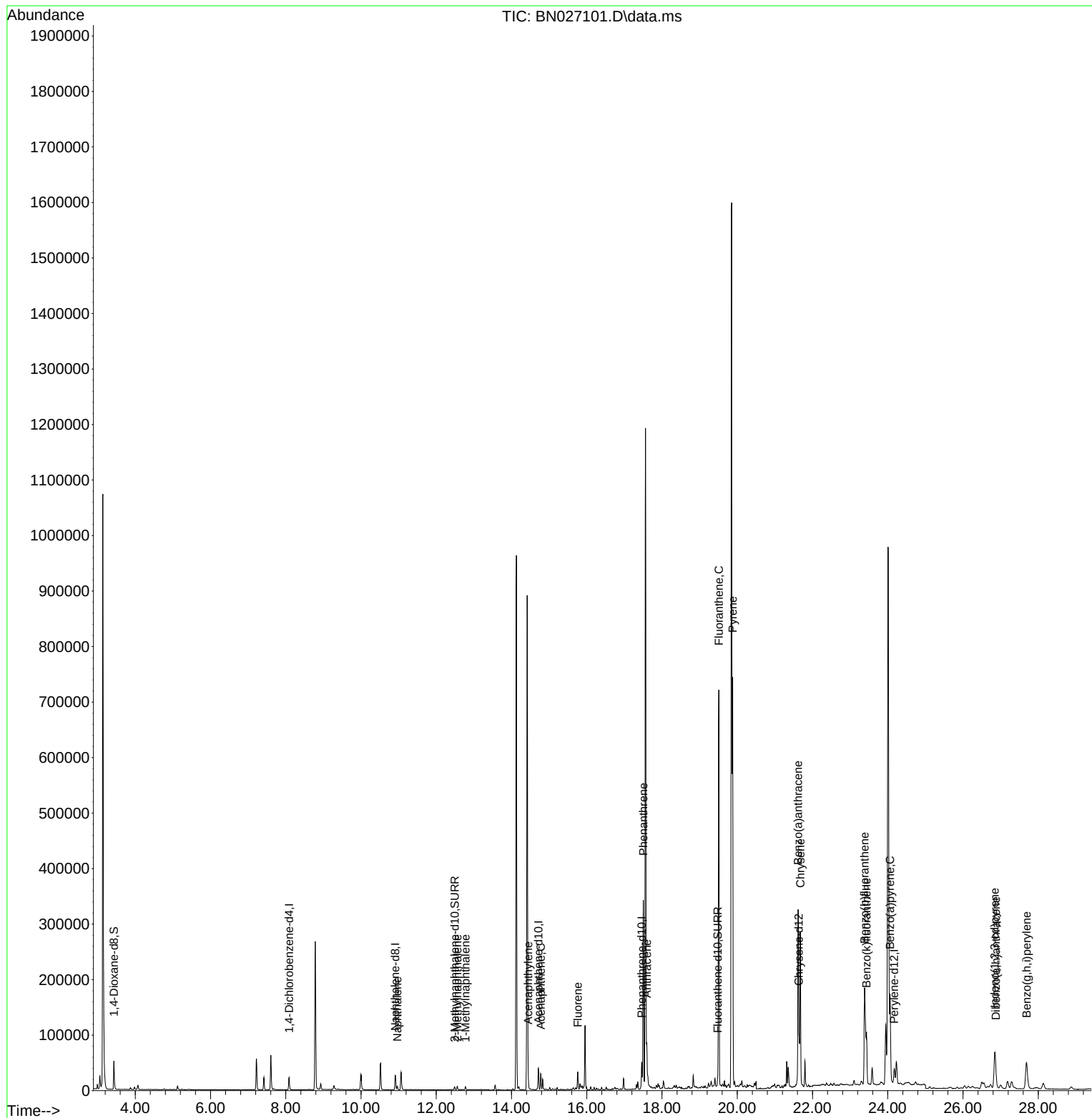
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027101.D
Acq On : 24 Aug 2023 17:24
Operator : MA/JU
Sample : 03968-31RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

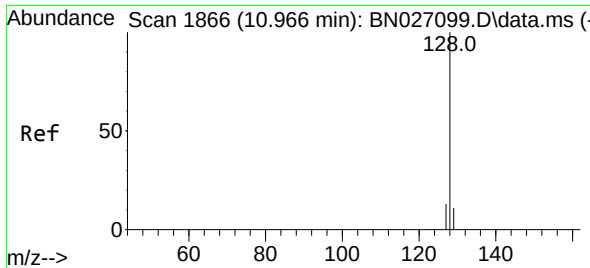
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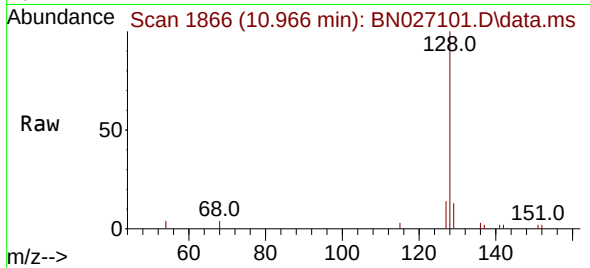
Quant Time: Aug 25 03:51:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

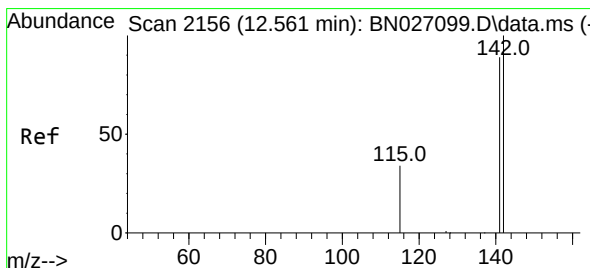
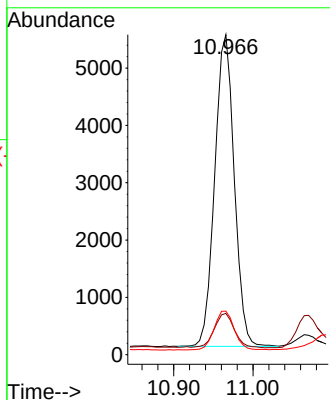
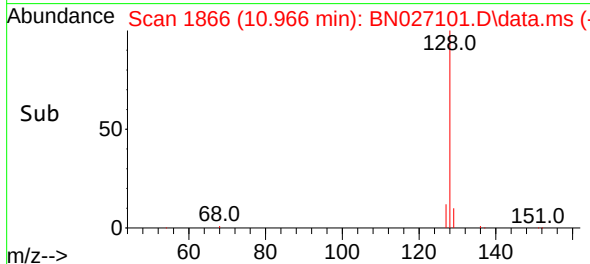
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:128 Resp: 9289
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.6 10.5 15.7

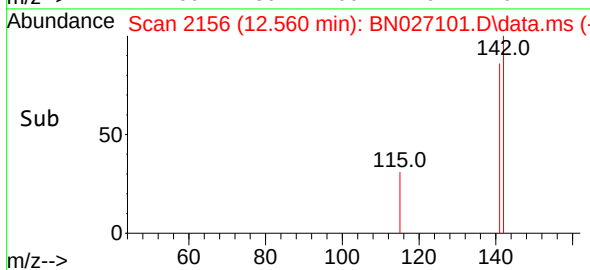
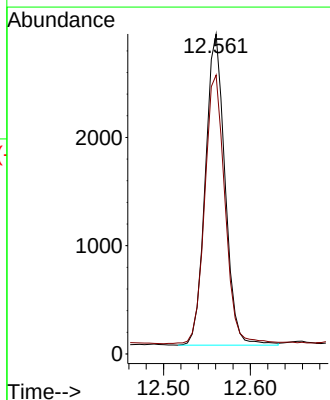
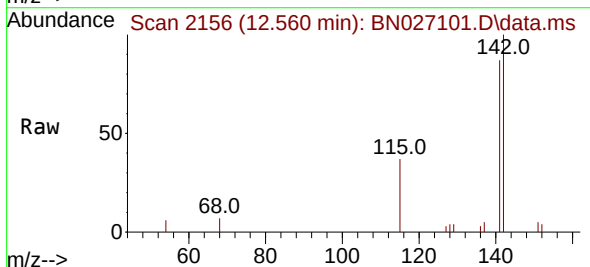
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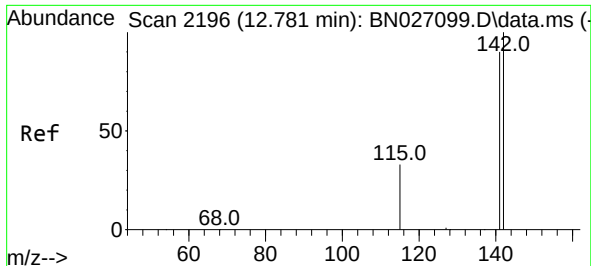
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.560 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

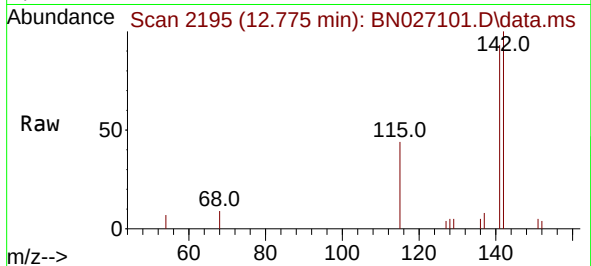
Tgt Ion:142 Resp: 4515
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

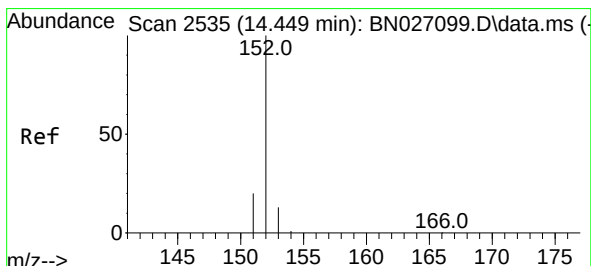
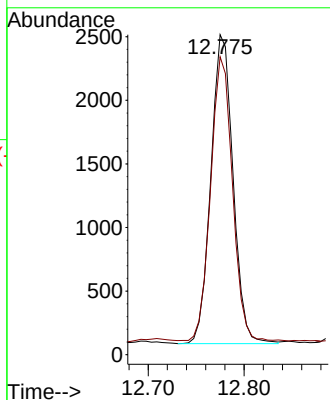
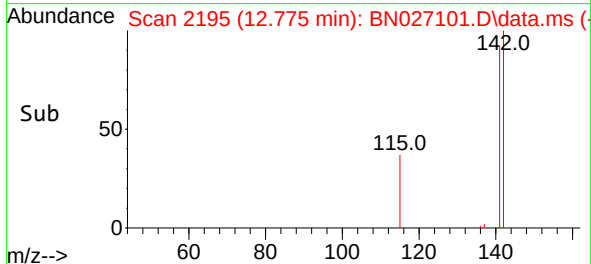
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:142 Resp: 389
Ion Ratio Lower Upper
142 100
141 90.2 73.2 109.8

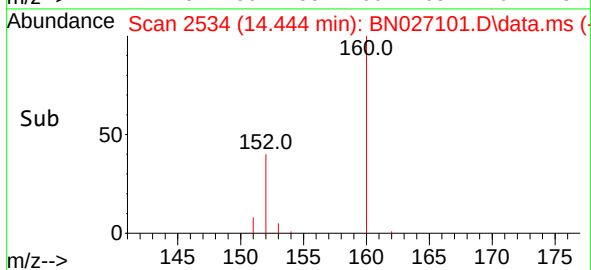
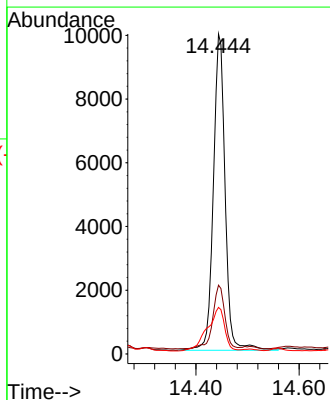
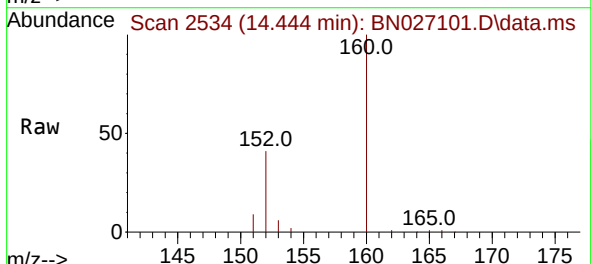
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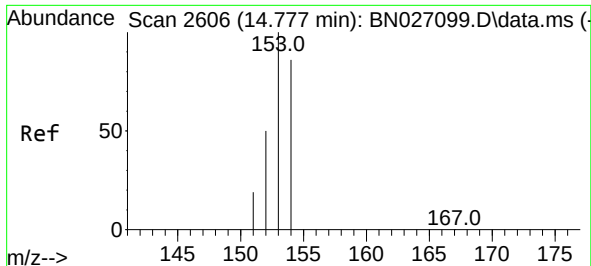
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

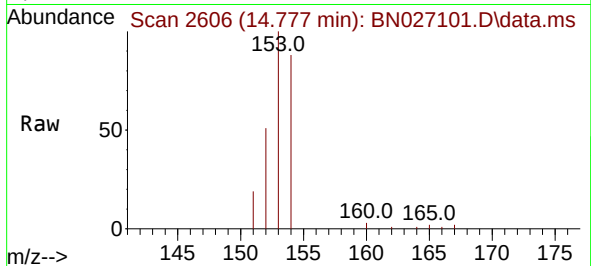
Tgt Ion:152 Resp: 15637
Ion Ratio Lower Upper
152 100
151 21.5 15.9 23.9
153 14.5 11.0 16.6





#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

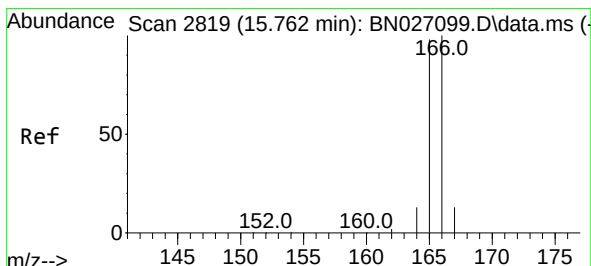
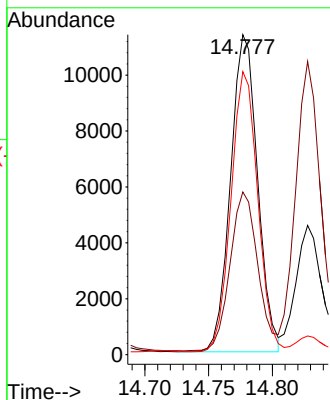
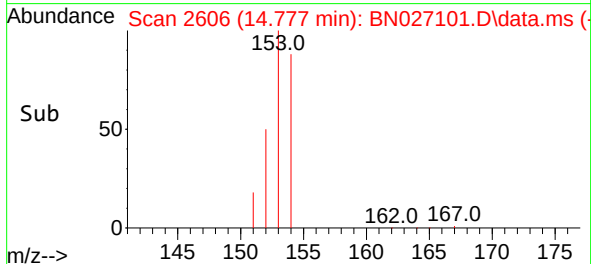
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:153 Resp: 16728
Ion Ratio Lower Upper
153 100
152 50.9 41.1 61.7
154 88.5 71.6 107.4

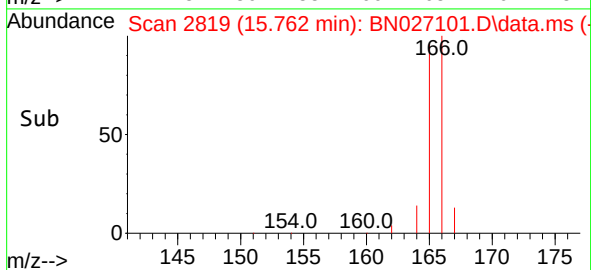
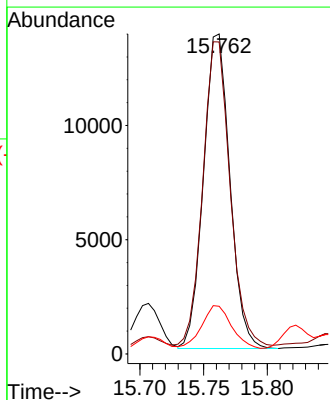
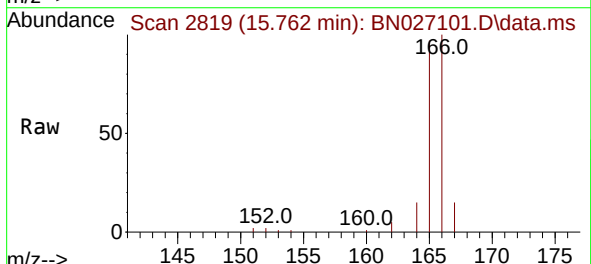
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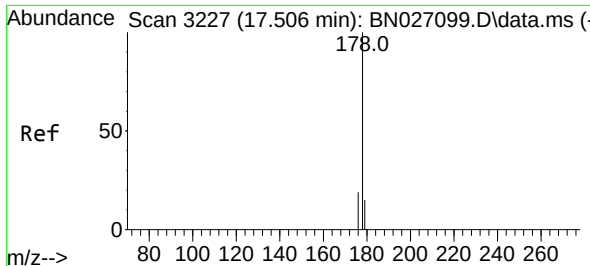
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

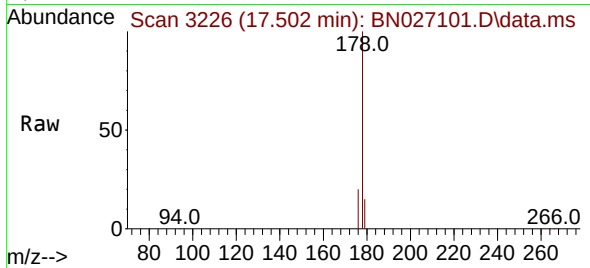
Tgt Ion:166 Resp: 19896
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 14.9 11.4 17.0





#15
Phenanthrene
Concen: 1.899 ng/u1
RT: 17.502 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

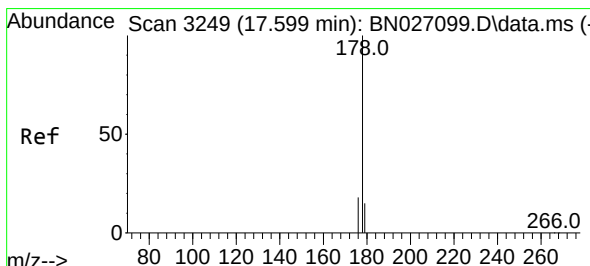
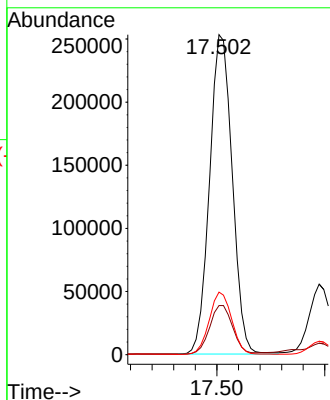
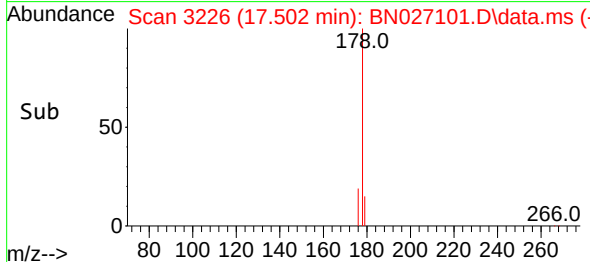
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:178 Resp: 368949
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.6 15.4 23.2

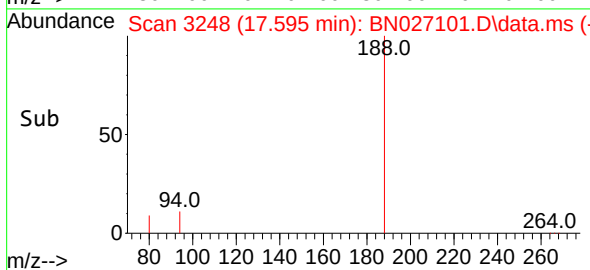
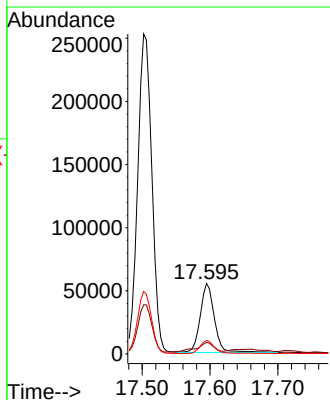
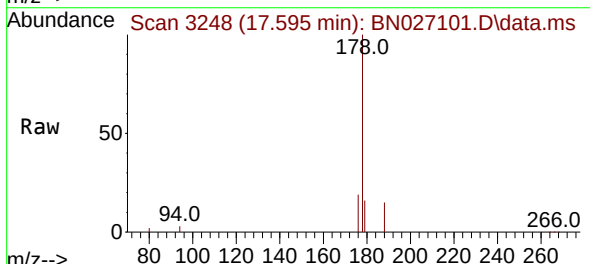
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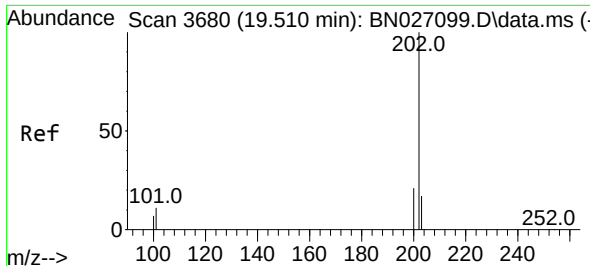
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
Anthracene
Concen: 0.453 ng/u1
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

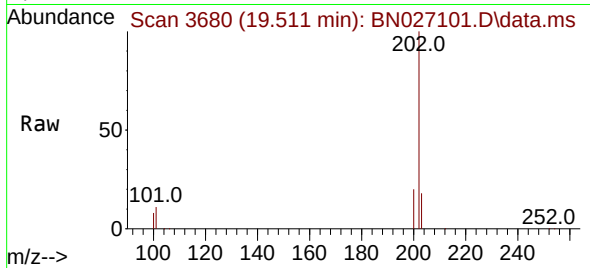
Tgt Ion:178 Resp: 79443
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 3.639 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

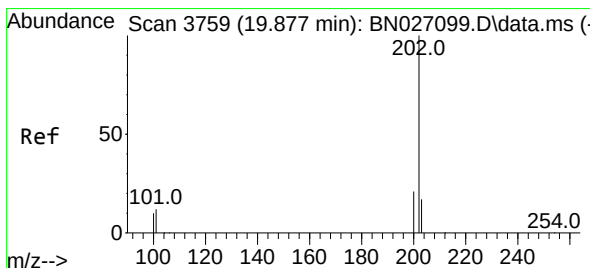
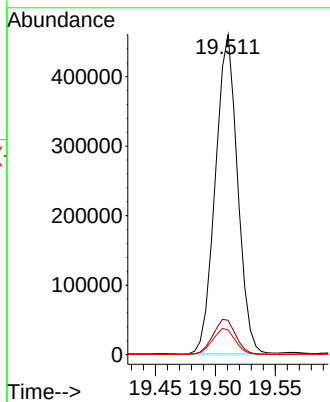
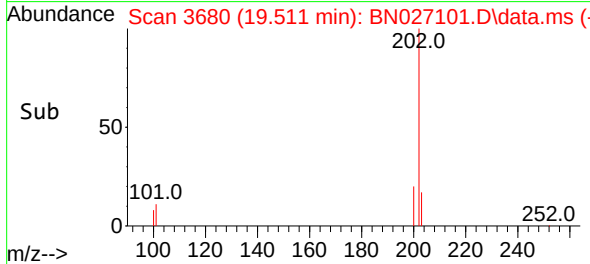
Instrument :
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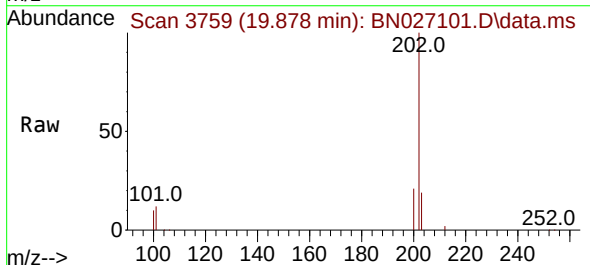
Tgt Ion:202 Resp: 592320
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 7.7 6.2 9.2

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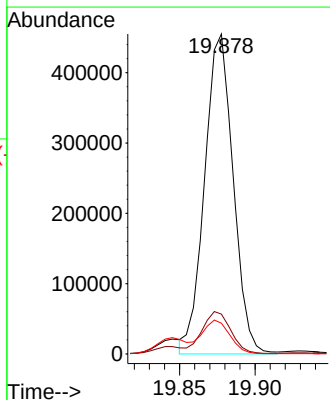
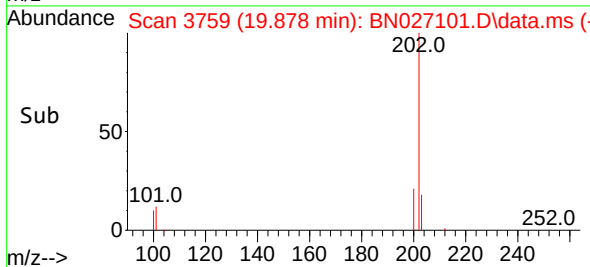
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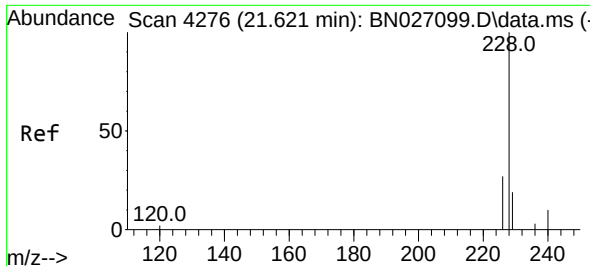


#20
Pyrene
Concen: 3.453 ng/ul m
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24



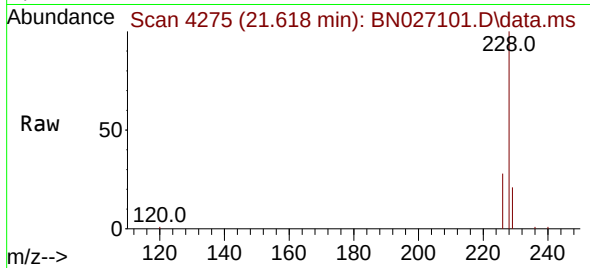
Tgt Ion:202 Resp: 599632
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.866 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

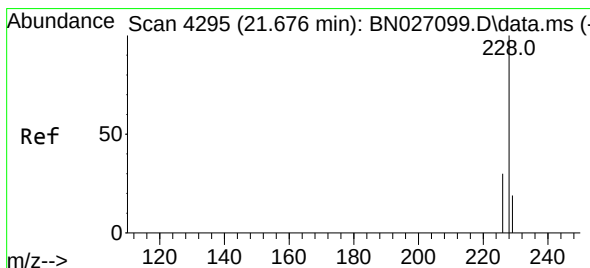
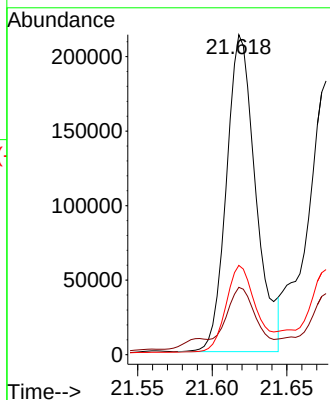
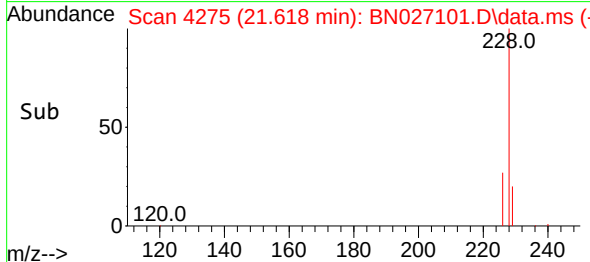
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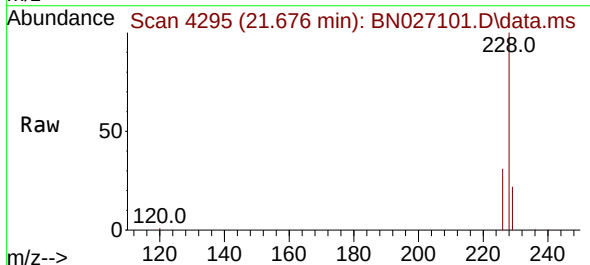
Tgt Ion:228 Resp: 29088
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 27.9 22.2 33.2

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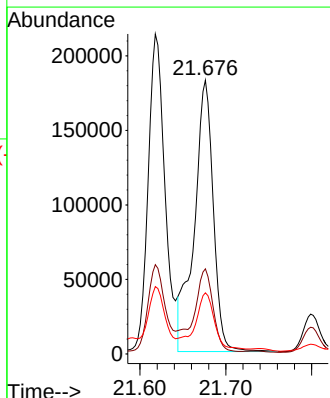
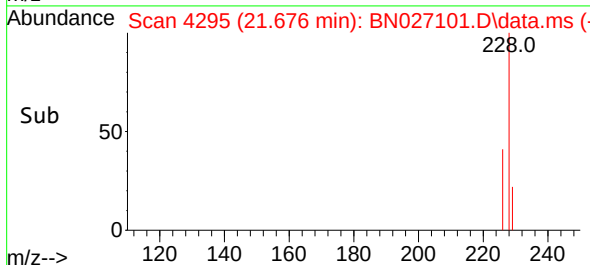
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

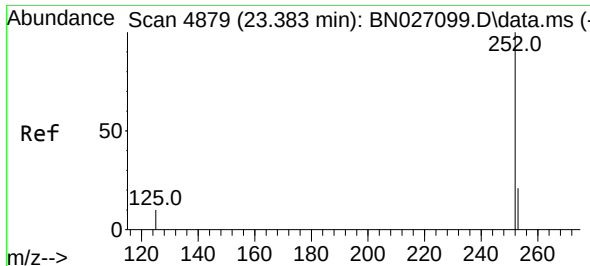


#22
Chrysene
Concen: 1.832 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24



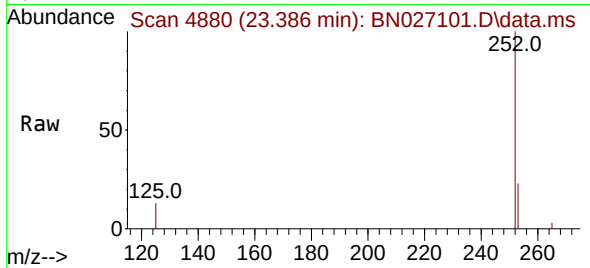
Tgt Ion:228 Resp: 281748
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.321 ng/ul m
RT: 23.386 min Scan# 4879
Delta R.T. -0.000 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

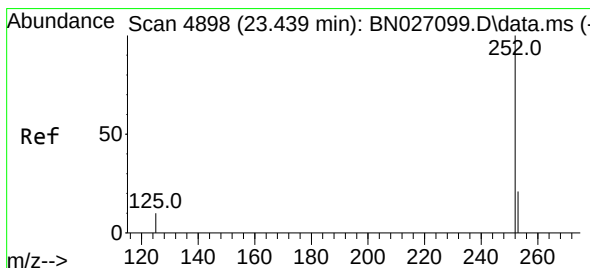
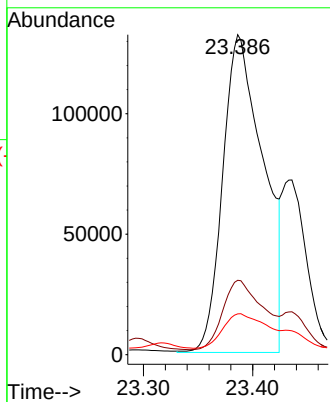
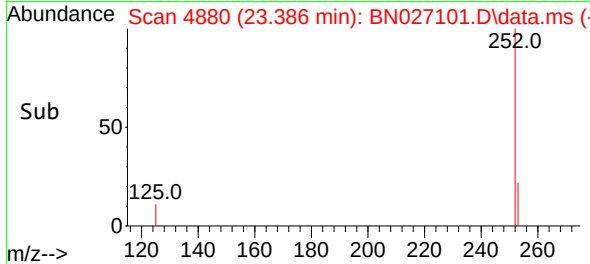
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:252 Resp: 341411
Ion Ratio Lower Upper
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253 23.2 0.0 46.8
125 12.8 0.0 25.2

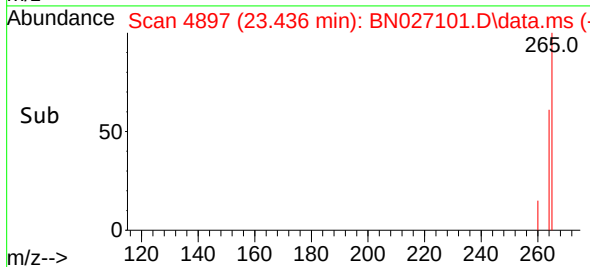
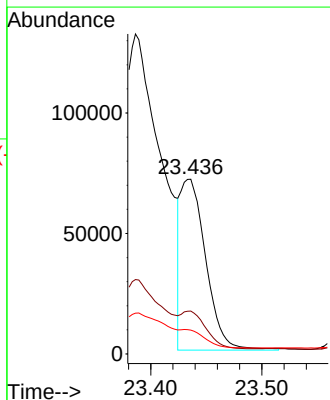
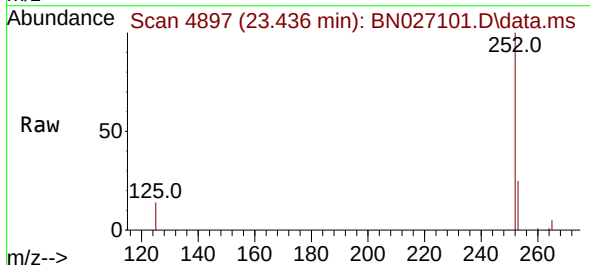
Manual Integrations
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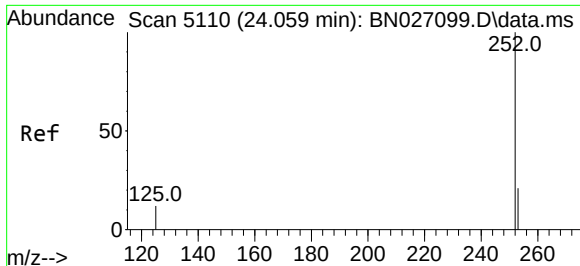
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.768 ng/ul m
RT: 23.436 min Scan# 4897
Delta R.T. -0.003 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

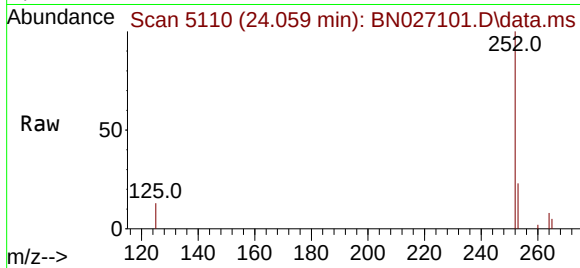
Tgt Ion:252 Resp: 111375
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.4
125 13.7 9.9 14.9





#26
Benzo(a)pyrene
Concen: 1.858 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

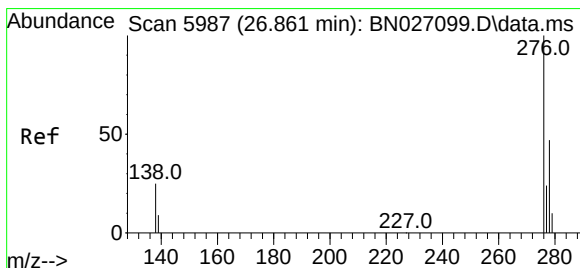
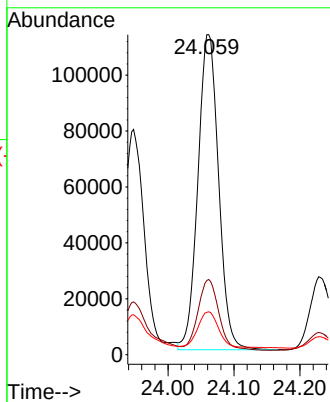
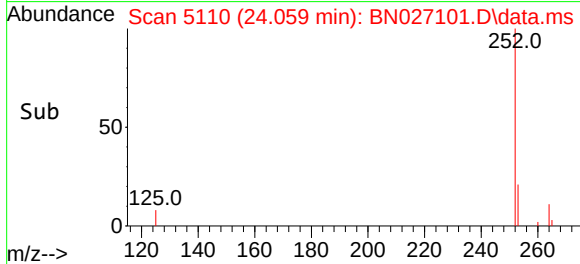
Instrument :
BNA_N
ClientSampleId :
A48P9RE



Tgt Ion:252 Resp: 246620
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 13.3 11.4 17.0

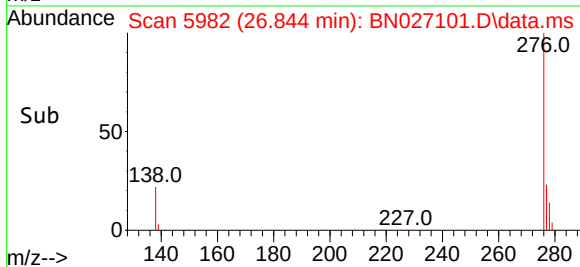
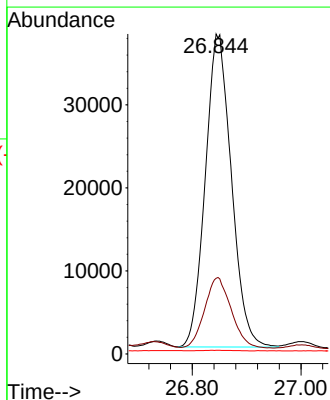
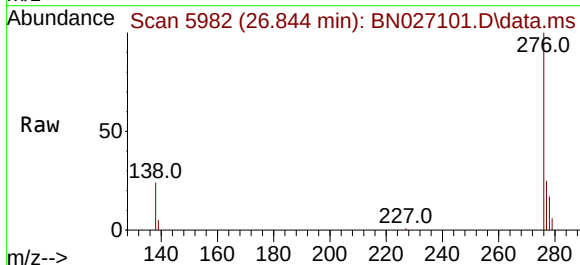
Manual Integrations
APPROVED

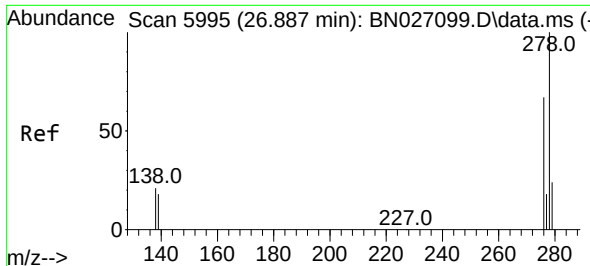
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.723 ng/ul
RT: 26.844 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:276 Resp: 125532
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.2 0.0 0.0#





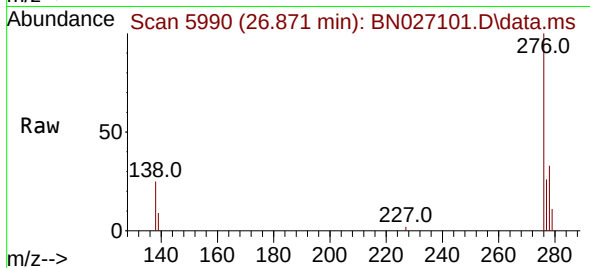
#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 26.871 min Scan# 5995
Delta R.T. -0.014 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :

BNA_N

ClientSampleId :

A48P9RE

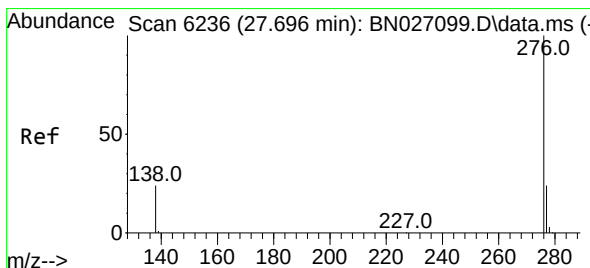
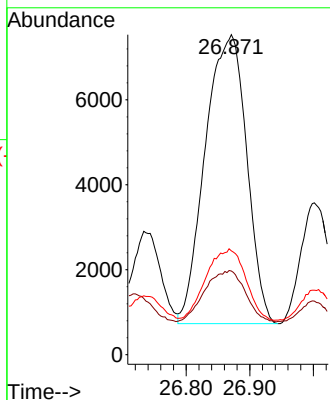
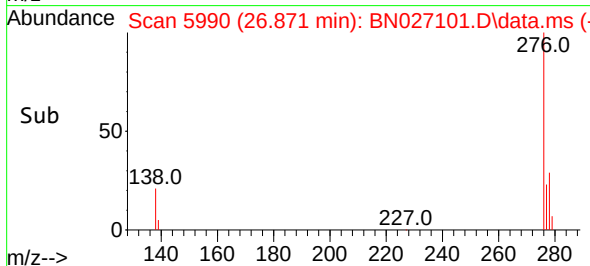


Tgt Ion:278 Resp: 30730
Ion Ratio Lower Upper
278 100
139 26.1 15.7 23.5
279 32.4 20.2 30.4

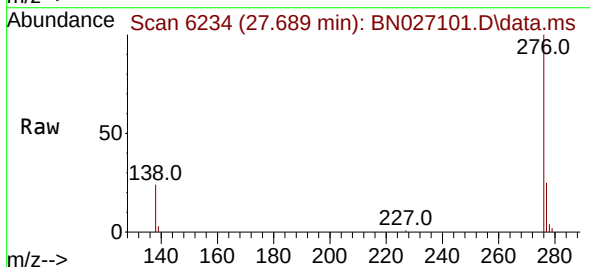
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.817 ng/ul
RT: 27.689 min Scan# 6234
Delta R.T. -0.007 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24



Tgt Ion:276 Resp: 118130
Ion Ratio Lower Upper
276 100
138 24.5 19.3 28.9
277 25.0 19.8 29.8

