

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027886.D
 Acq On : 27 Sep 2023 06:32
 Operator : MA/JU
 Sample : 04472-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 07:05:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	7193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	26587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	17121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	37651	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	33708	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	39315	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	7182	0.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2376	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	6192	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	104563	1.376	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	36748	0.762	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	27326	0.549	ng/ul	99
10) Acenaphthylene	14.328	152	6326	0.085	ng/ul#	79
11) Acenaphthene	14.666	153	32976	0.510	ng/ul	98
12) Fluorene	15.651	166	40366	0.531	ng/ul	98
15) Phenanthrene	17.396	178	337874	2.856	ng/ul	98
16) Anthracene	17.489	178	53284	0.538	ng/ul#	95
19) Fluoranthene	19.413	202	467828	3.432	ng/ul	100
20) Pyrene	19.780	202	469737	3.345	ng/ul	99
21) Benzo(a)anthracene	21.524	228	209291	1.605	ng/ul#	95
22) Chrysene	21.577	228	212099	1.574	ng/ul#	93
24) Benzo(b)fluoranthene	23.246	252	285160m	1.627	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	105308m	0.620	ng/ul	
26) Benzo(a)pyrene	23.904	252	193859	1.375	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.609	276	120171	0.665	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.612	278	32506	0.224	ng/ul#	64
29) Benzo(g,h,i)perylene	27.421	276	118397	0.772	ng/ul	98

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

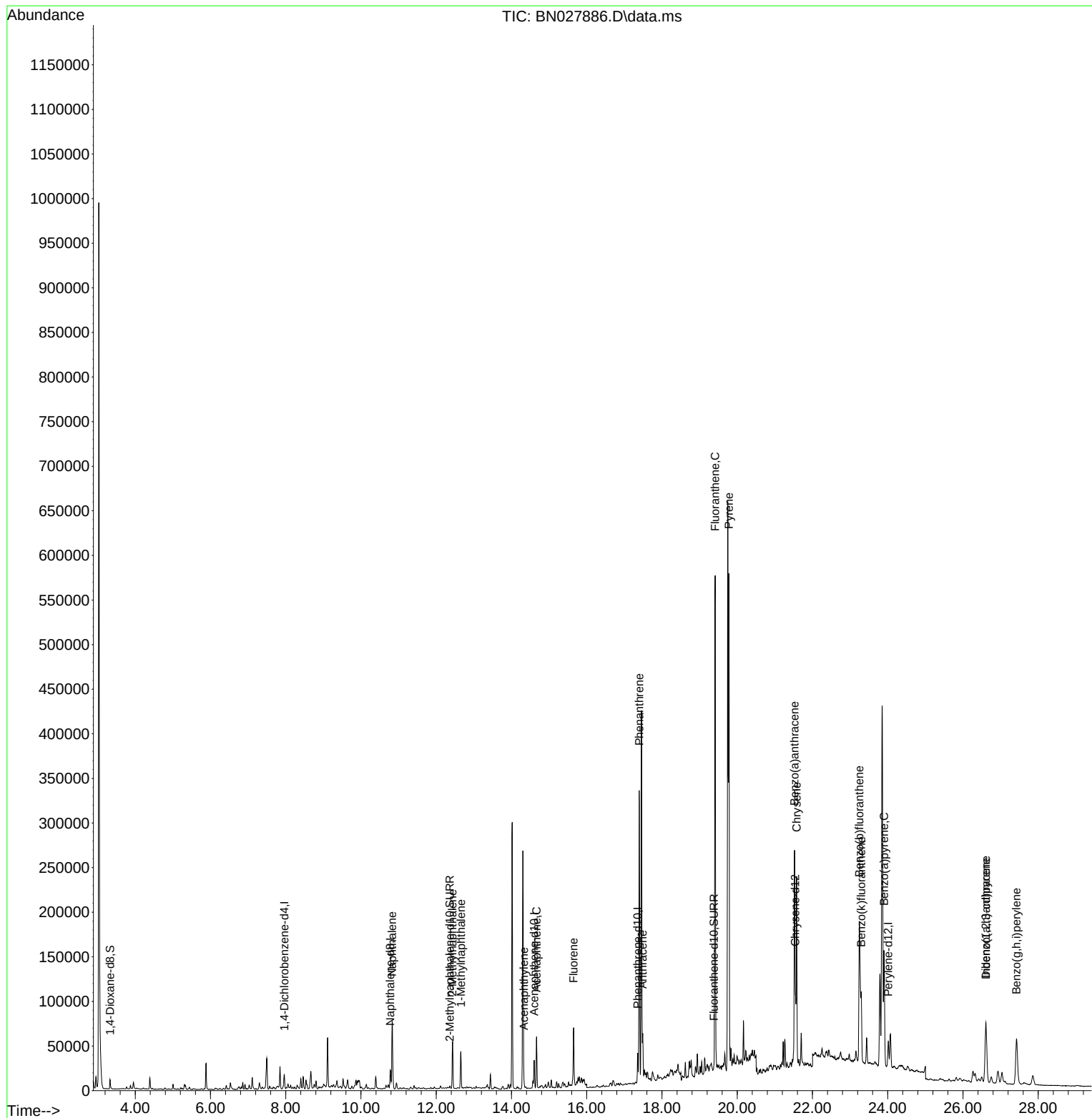
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027886.D
Acq On : 27 Sep 2023 06:32
Operator : MA/JU
Sample : 04472-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

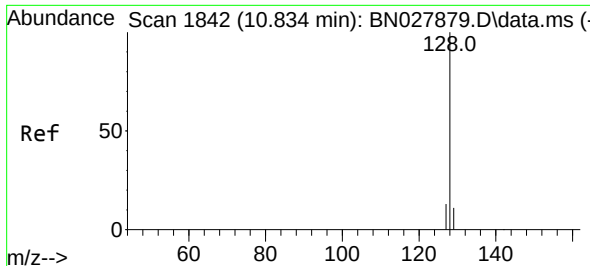
Instrument :
BNA_N
ClientSampleId :
EZYM8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

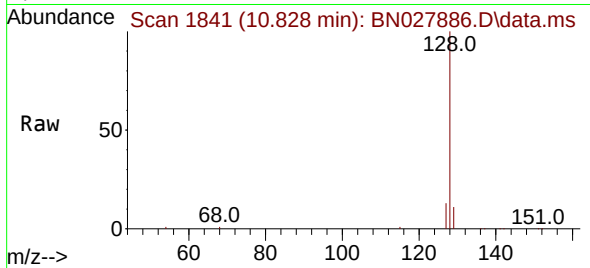
Quant Time: Sep 27 07:05:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.376 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

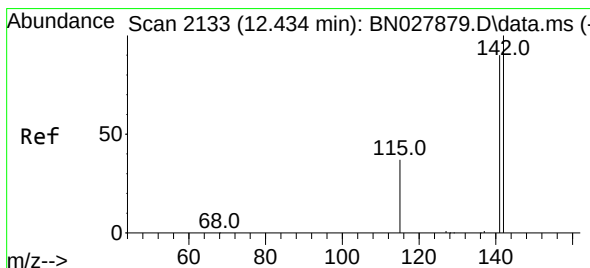
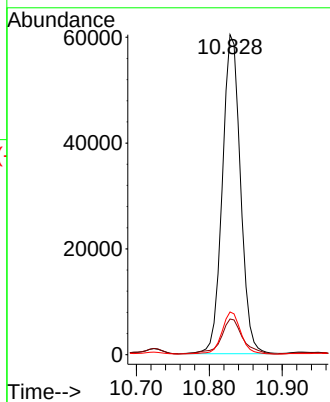
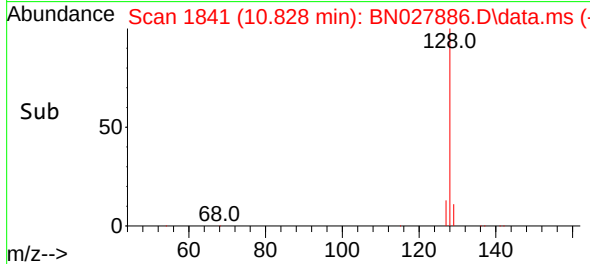
Instrument :
BNA_N
ClientSampleId :
EZY8



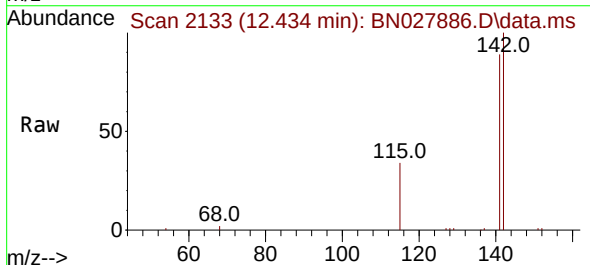
Tgt Ion:128 Resp: 10456
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.7 16.1

Manual Integrations
APPROVED

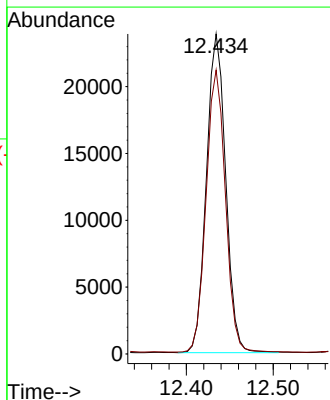
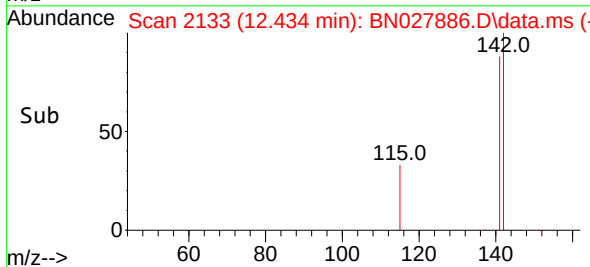
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

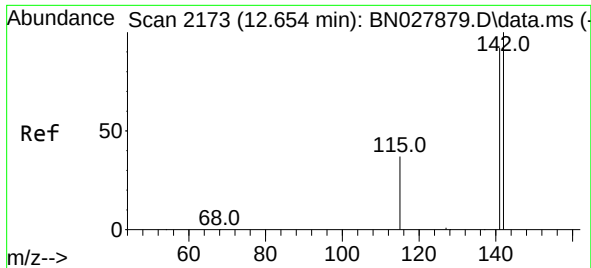


#7
2-Methylnaphthalene
Concen: 0.762 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32



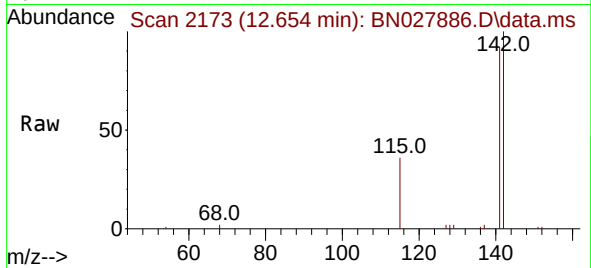
Tgt Ion:142 Resp: 36748
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.549 ng/u1
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

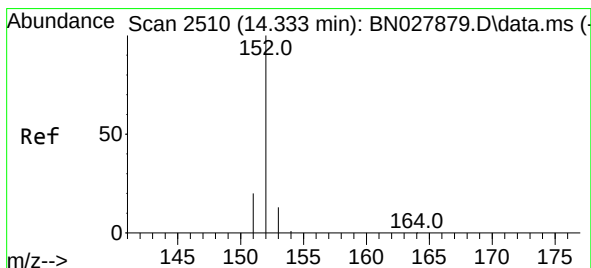
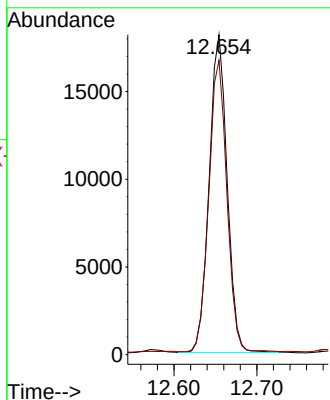
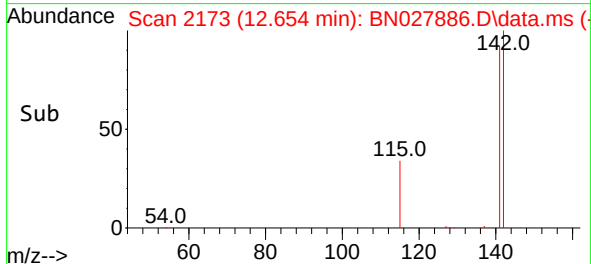
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:142 Resp: 27320
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2

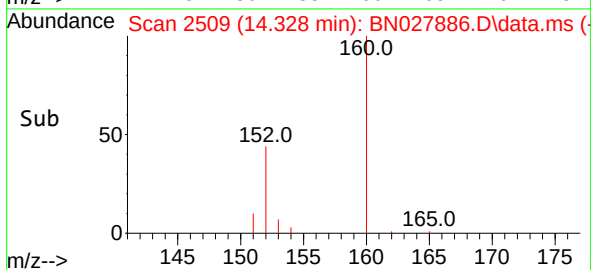
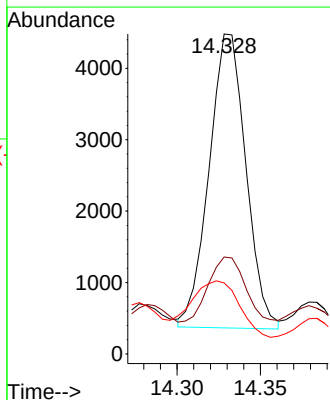
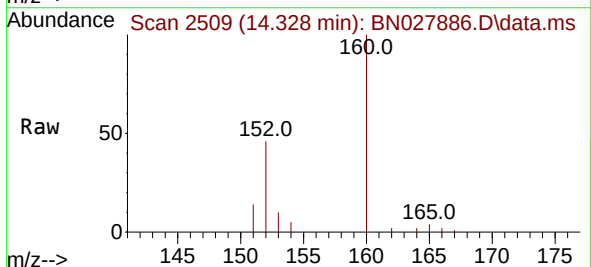
Manual Integrations
APPROVED

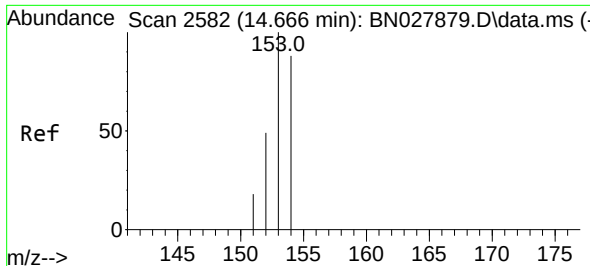
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.085 ng/u1
RT: 14.328 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

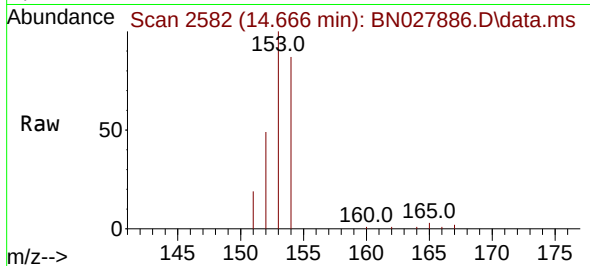
Tgt Ion:152 Resp: 6326
Ion Ratio Lower Upper
152 100
151 30.3 16.6 25.0#
153 22.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.510 ng/u1
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

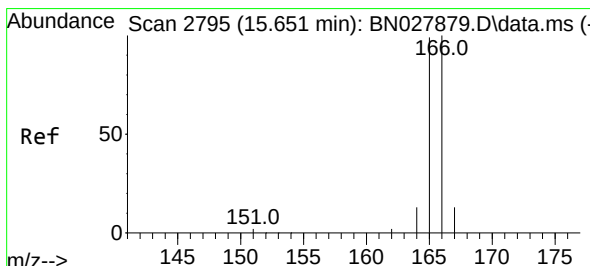
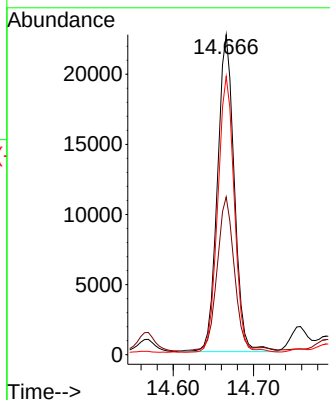
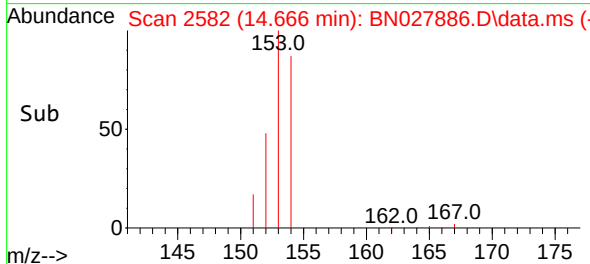
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:153 Resp: 32970
Ion Ratio Lower Upper
153 100
152 49.3 41.7 62.5
154 87.0 70.3 105.5

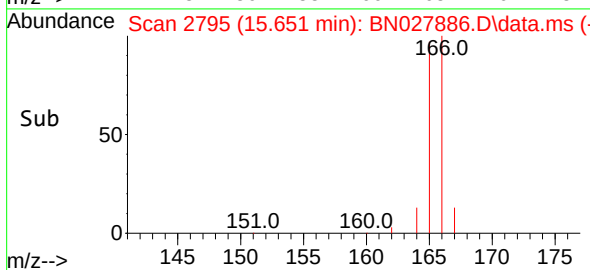
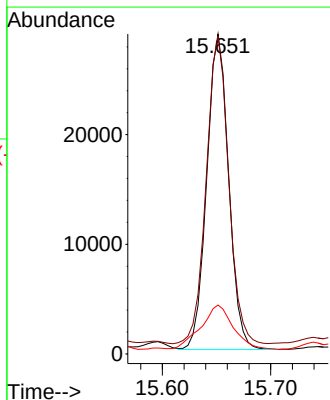
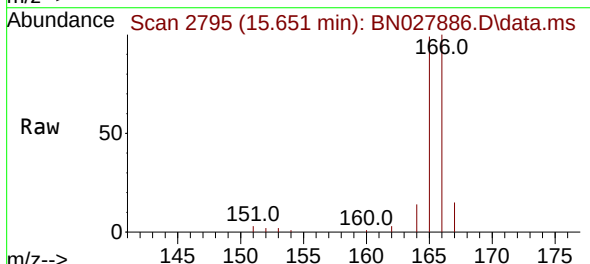
Manual Integrations
APPROVED

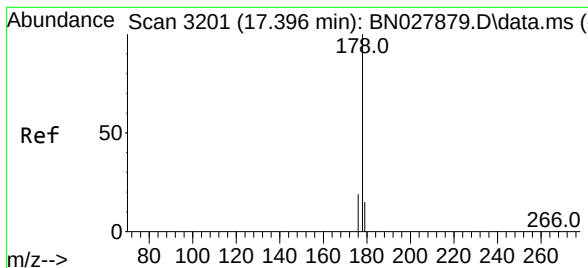
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.531 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

Tgt Ion:166 Resp: 40366
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 15.3 11.4 17.2





#15

Phenanthrene

Concen: 2.856 ng/u1

RT: 17.396 min Scan# 3201

Delta R.T. -0.000 min

Lab File: BN027886.D

Acq: 27 Sep 2023 06:32

Instrument :

BNA_N

ClientSampleId :

EZYM8

Tgt Ion:178 Resp: 337874

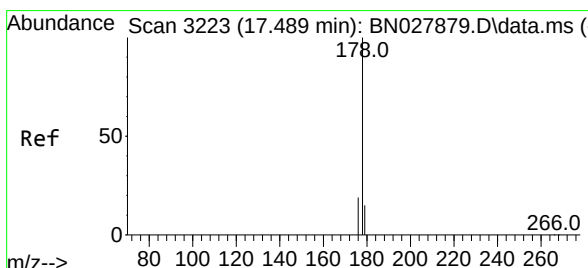
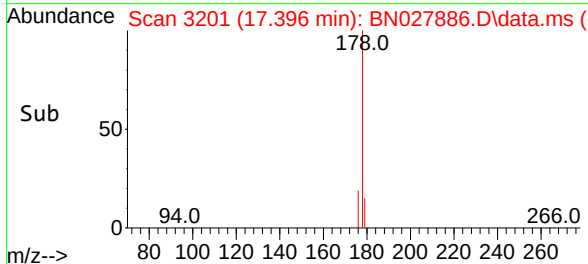
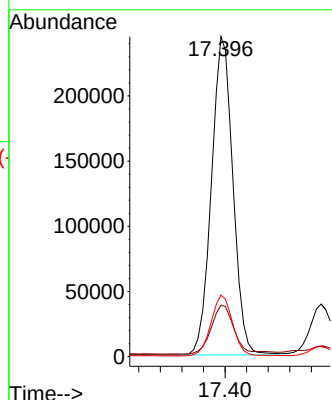
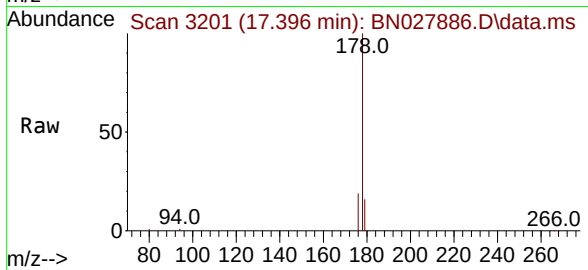
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	19.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/28/2023



#16

Anthracene

Concen: 0.538 ng/u1

RT: 17.489 min Scan# 3223

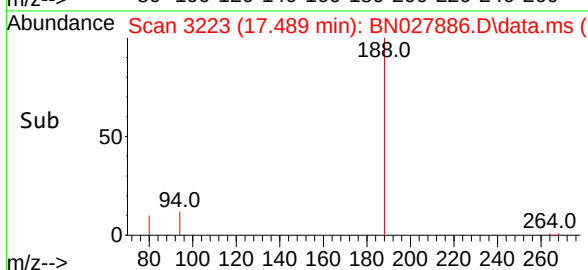
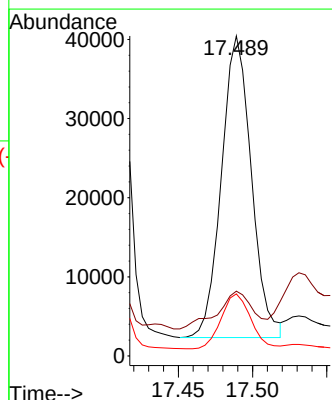
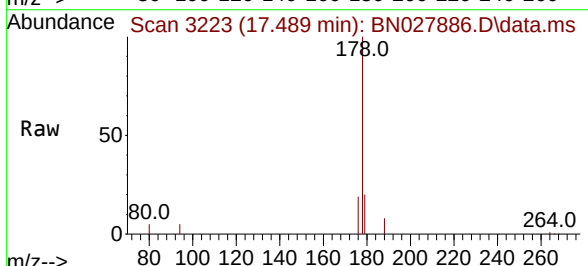
Delta R.T. -0.000 min

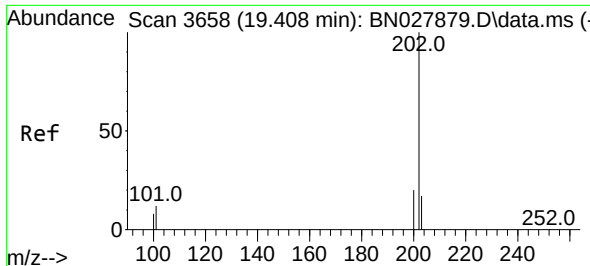
Lab File: BN027886.D

Acq: 27 Sep 2023 06:32

Tgt Ion:178 Resp: 53284

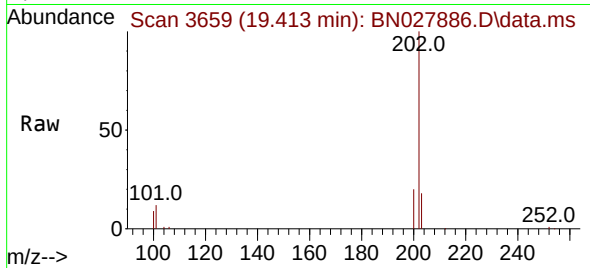
Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.6	19.0#
176	19.4	15.5	23.3





#19
Fluoranthene
Concen: 3.432 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.004 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

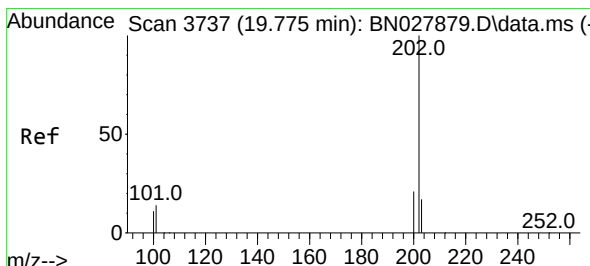
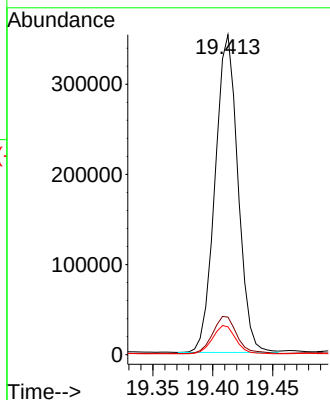
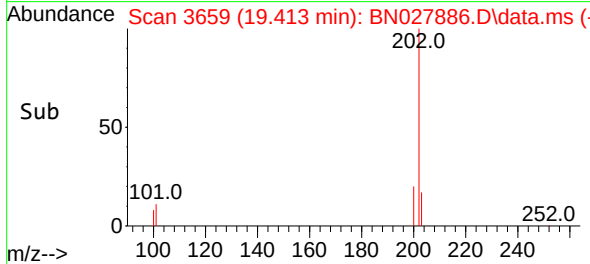
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:202 Resp: 467828
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 8.7 7.0 10.4

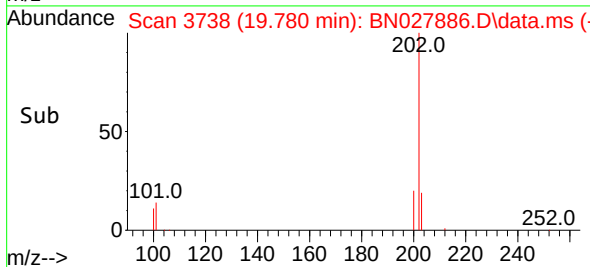
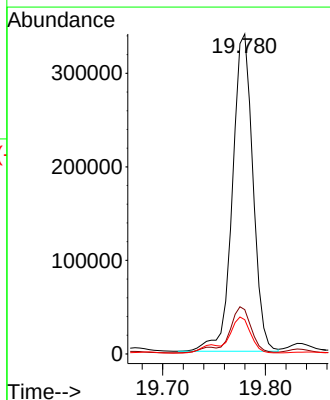
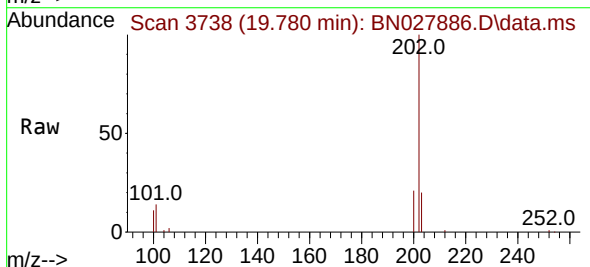
Manual Integrations
APPROVED

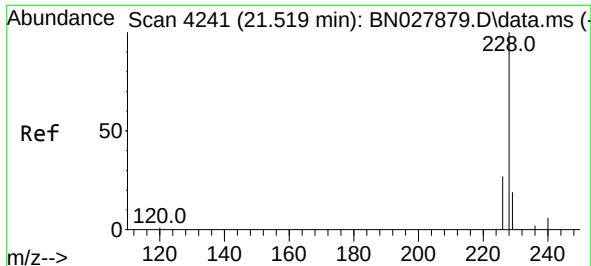
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 3.345 ng/u1
RT: 19.780 min Scan# 3738
Delta R.T. 0.004 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

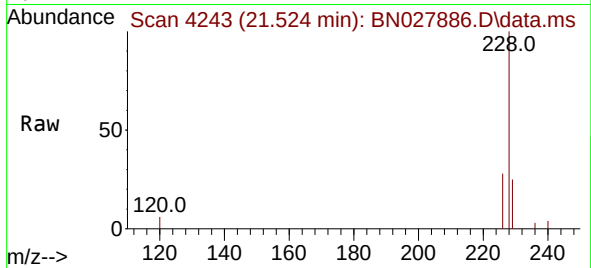
Tgt Ion:202 Resp: 469737
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.605 ng/ul
RT: 21.524 min Scan# 4241
Delta R.T. 0.006 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

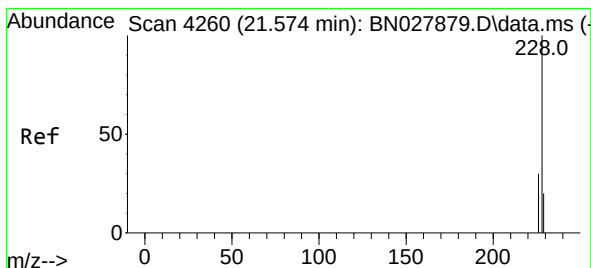
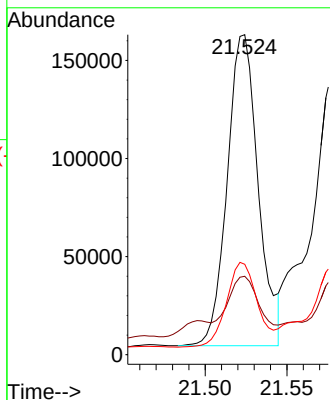
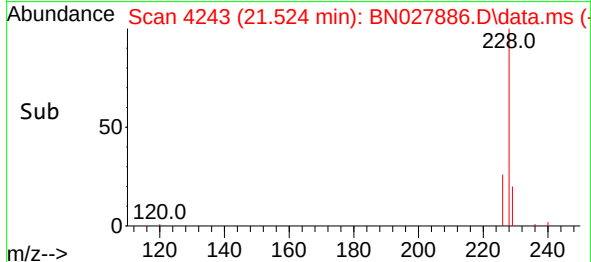
Instrument :
BNA_N
ClientSampleId :
EZY8



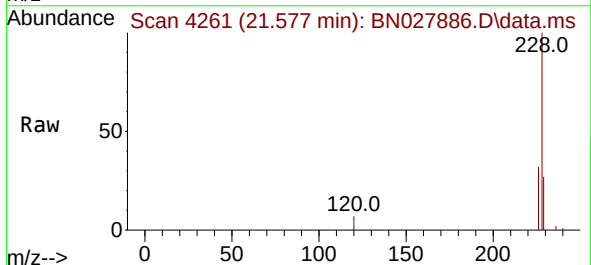
Tgt Ion:228 Resp: 20929
Ion Ratio Lower Upper
228 100
229 24.5 15.8 23.8
226 28.3 22.0 33.0

Manual Integrations
APPROVED

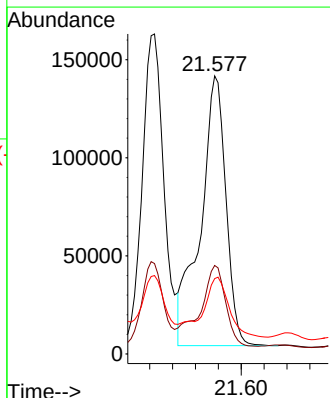
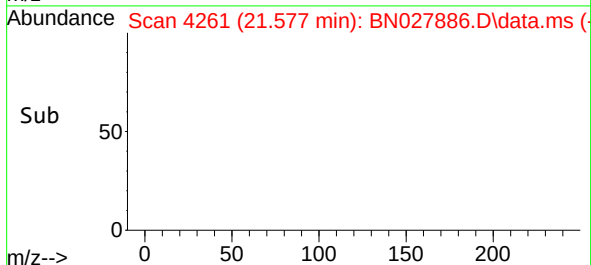
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

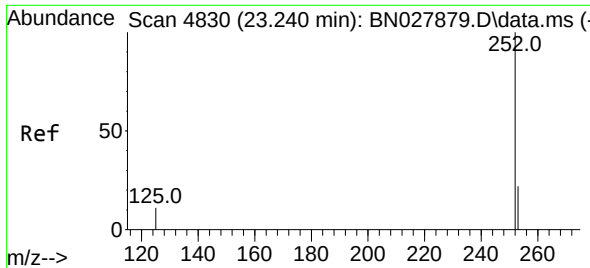


#22
Chrysene
Concen: 1.574 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32



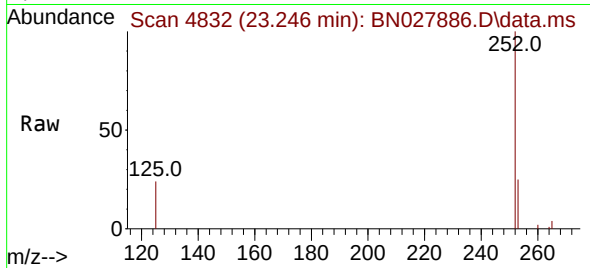
Tgt Ion:228 Resp: 212099
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 27.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.627 ng/ul m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

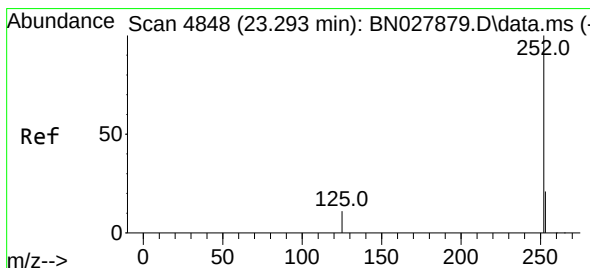
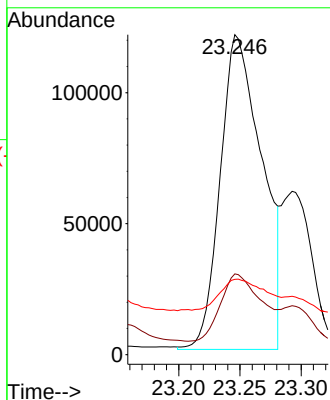
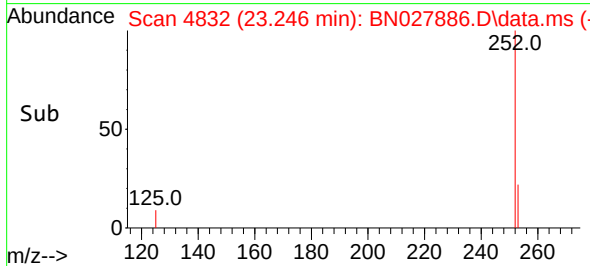
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:252 Resp: 285160
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.2
125 23.5 0.0 31.4

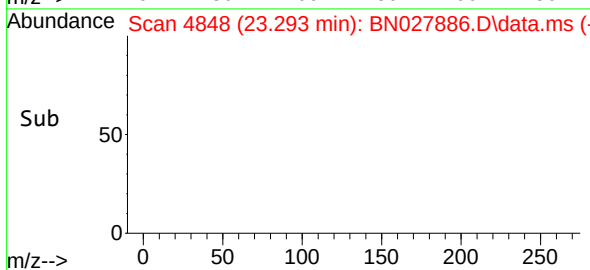
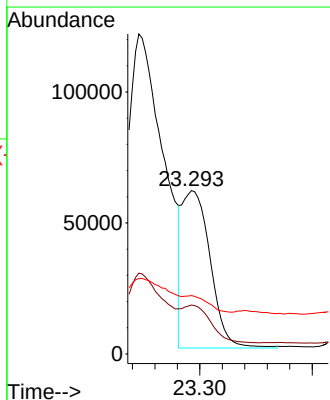
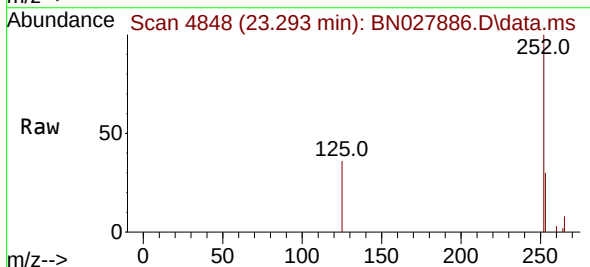
Manual Integrations
APPROVED

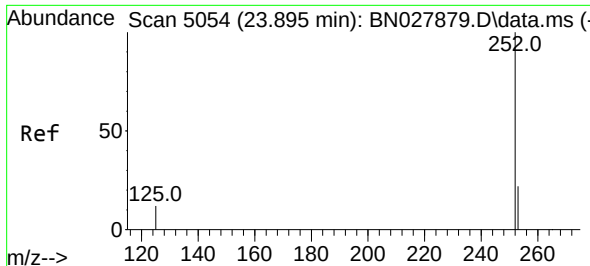
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.620 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. -0.000 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

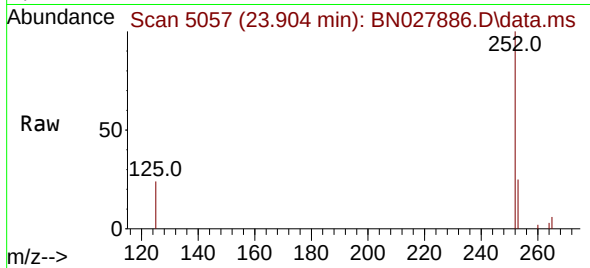
Tgt Ion:252 Resp: 105308
Ion Ratio Lower Upper
252 100
253 29.9 19.9 29.9#
125 35.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 1.375 ng/ul
RT: 23.904 min Scan# 5054
Delta R.T. 0.009 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

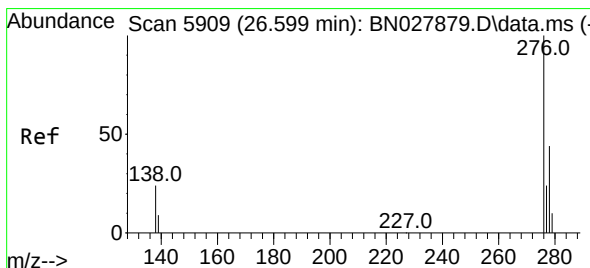
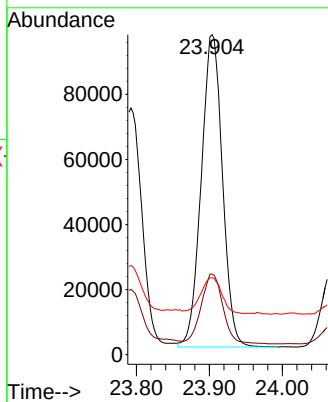
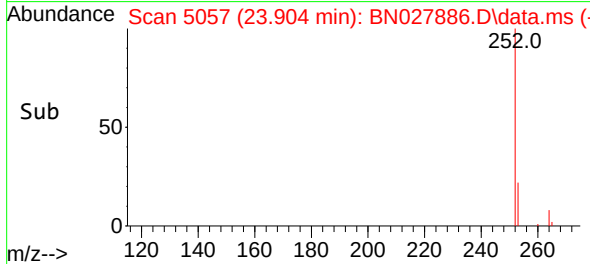
Instrument :
BNA_N
ClientSampleId :
EZYM8



Tgt Ion:252 Resp: 193859
Ion Ratio Lower Upper
252 100
253 25.2 21.9 32.9
125 24.1 15.5 23.3

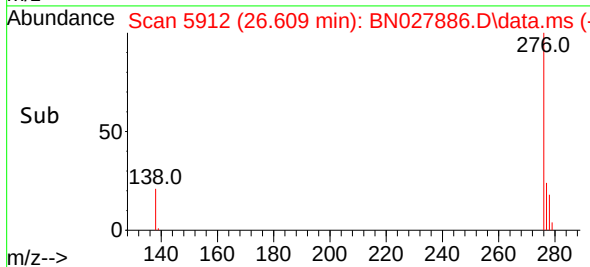
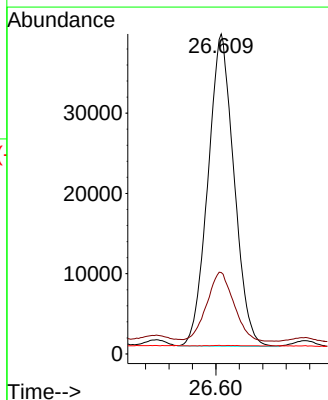
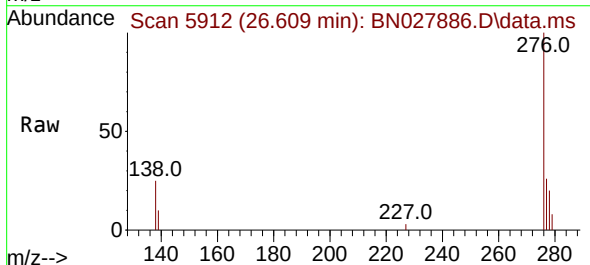
Manual Integrations
APPROVED

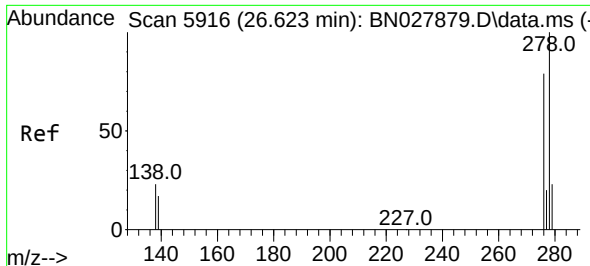
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.665 ng/ul
RT: 26.609 min Scan# 5912
Delta R.T. 0.010 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

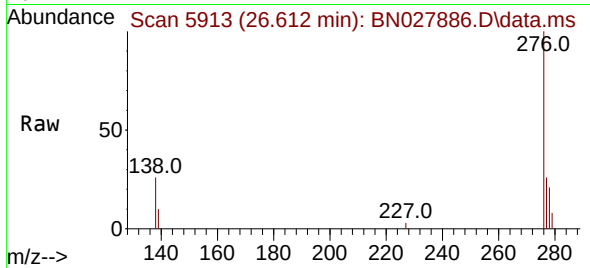
Tgt Ion:276 Resp: 120171
Ion Ratio Lower Upper
276 100
138 22.9 24.3 36.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 26.612 min Scan# 5916
Delta R.T. -0.010 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32

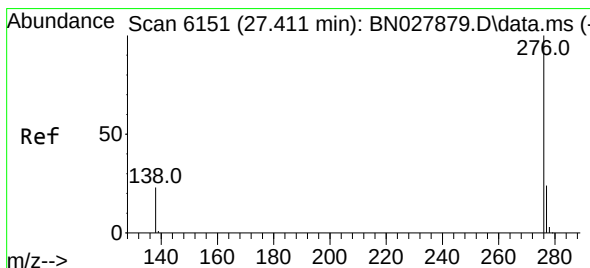
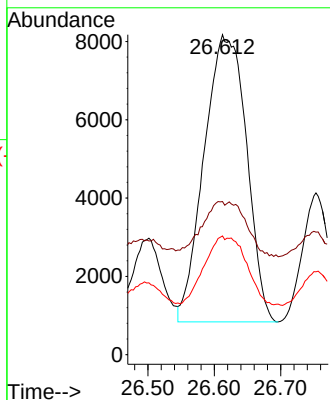
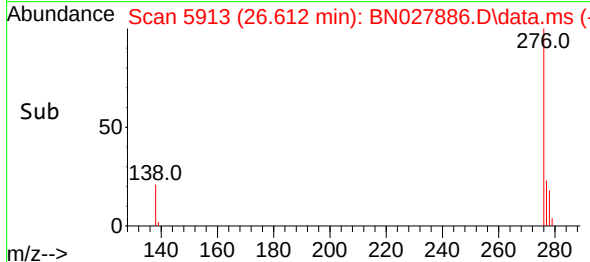
Instrument :
BNA_N
ClientSampleId :
EZYM8



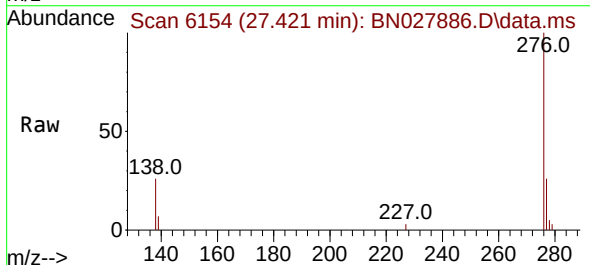
Tgt Ion:278 Resp: 32500
Ion Ratio Lower Upper
278 100
139 47.9 17.2 25.8
279 37.1 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.772 ng/ul
RT: 27.421 min Scan# 6154
Delta R.T. 0.010 min
Lab File: BN027886.D
Acq: 27 Sep 2023 06:32



Tgt Ion:276 Resp: 118397
Ion Ratio Lower Upper
276 100
138 26.1 21.7 32.5
277 25.9 20.2 30.2

