

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026977.D
 Acq On : 19 Aug 2023 03:16
 Operator : MA/JU
 Sample : 03965-12DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 04:01:32 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	5588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	18563	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	11562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	25780	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	21740	0.400	ng/ul	0.00
23) Perylene-d12	24.188	264	20350	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5523	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1531	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	4008	0.058	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	1772	0.034	ng/ul#	82
10) Acenaphthylene	14.458	152	3520	0.054	ng/ul	94
11) Acenaphthene	14.791	153	965	0.022	ng/ul	95
12) Fluorene	15.772	166	1541	0.030	ng/ul#	94
15) Phenanthrene	17.515	178	34036	0.402	ng/ul	99
16) Anthracene	17.608	178	7881	0.103	ng/ul	96
19) Fluoranthene	19.520	202	92057	1.019	ng/ul	99
20) Pyrene	19.882	202	85867m	0.891	ng/ul	
21) Benzo(a)anthracene	21.627	228	42816	0.495	ng/ul	99
22) Chrysene	21.685	228	47195	0.553	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	62143m	0.807	ng/ul	
25) Benzo(k)fluoranthene	23.451	252	21993m	0.290	ng/ul	
26) Benzo(a)pyrene	24.073	252	38070	0.548	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.874	276	23287	0.256	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.891	278	5313	0.073	ng/ul#	64
29) Benzo(g,h,i)perylene	27.716	276	21510	0.284	ng/ul	96

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

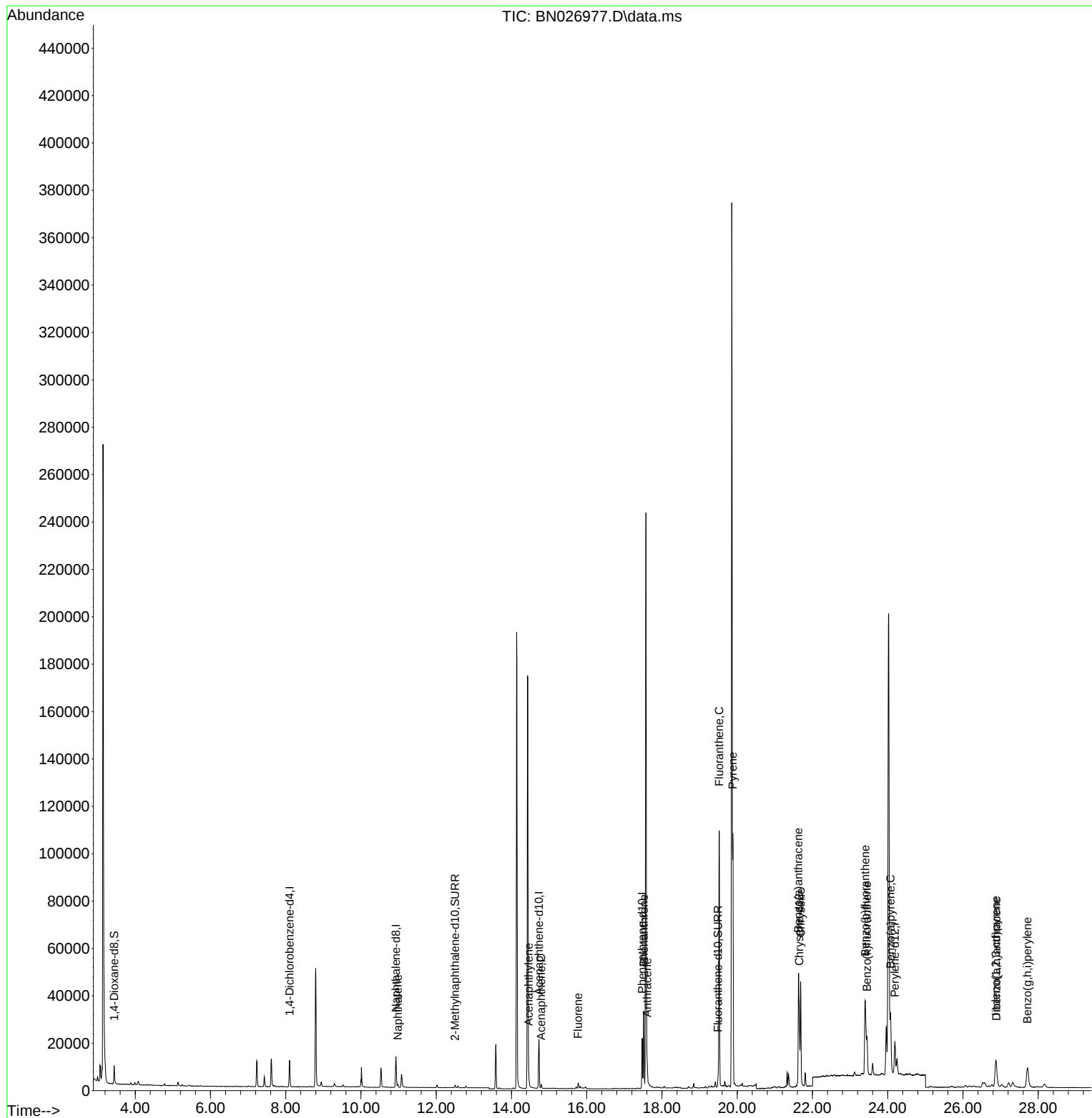
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026977.D
Acq On : 19 Aug 2023 03:16
Operator : MA/JU
Sample : 03965-12DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

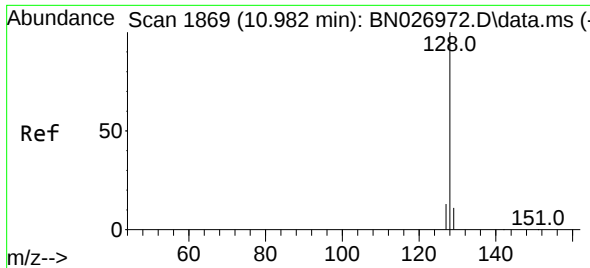
Instrument :
BNA_N
ClientSampleId :
A48K1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

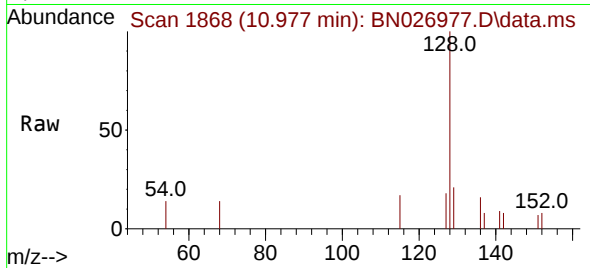
Quant Time: Aug 19 04:01:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

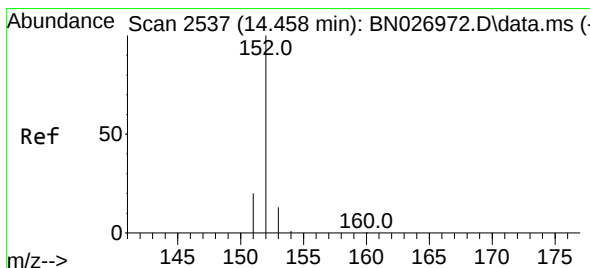
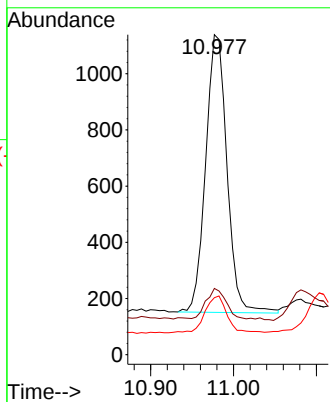
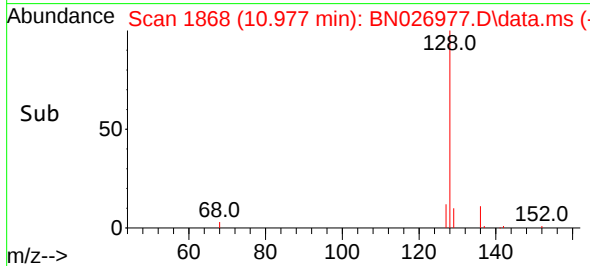
Instrument :
BNA_N
ClientSampleId :
A48K1DL



Tgt Ion:128 Resp: 1772
Ion Ratio Lower Upper
128 100
129 20.7 9.2 13.8
127 17.8 10.5 15.7

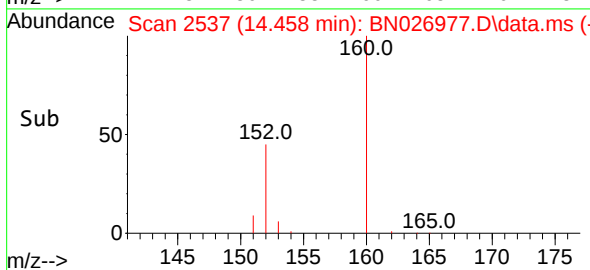
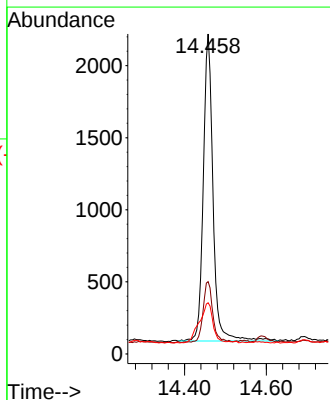
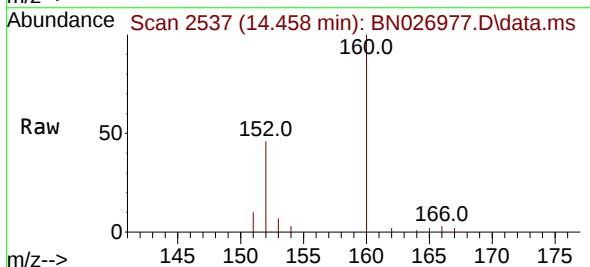
Manual Integrations
APPROVED

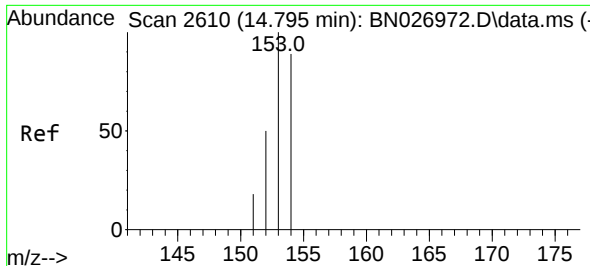
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

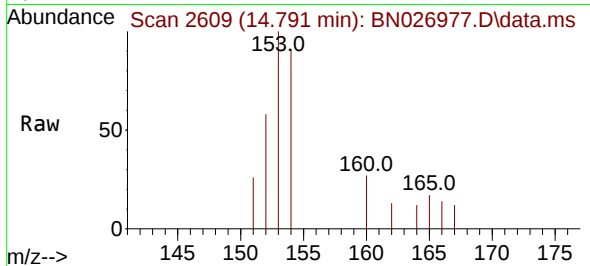
Tgt Ion:152 Resp: 3520
Ion Ratio Lower Upper
152 100
151 22.6 15.9 23.9
153 16.0 11.0 16.6





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

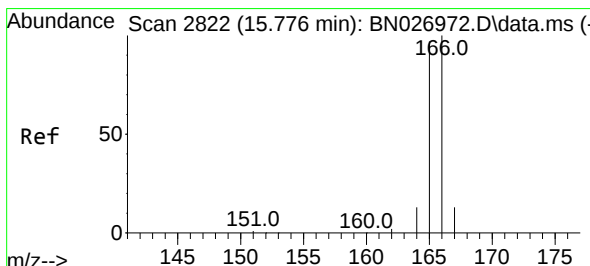
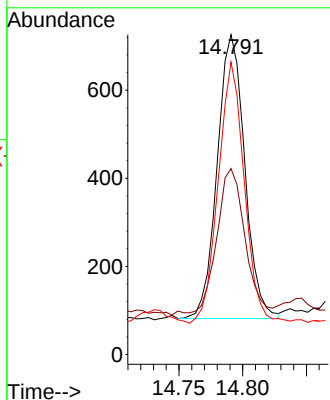
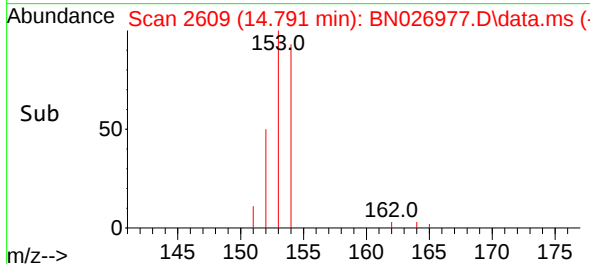
Instrument :
BNA_N
ClientSampleId :
A48K1DL



Tgt Ion:153 Resp: 96
Ion Ratio Lower Upper
153 100
152 58.1 41.1 61.7
154 91.5 71.6 107.4

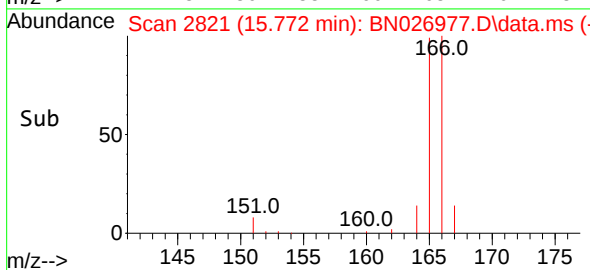
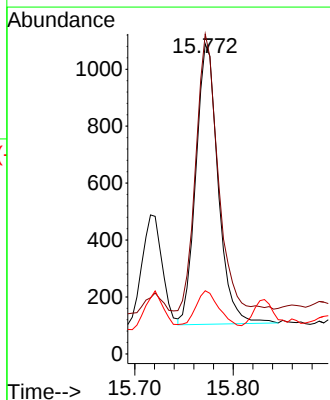
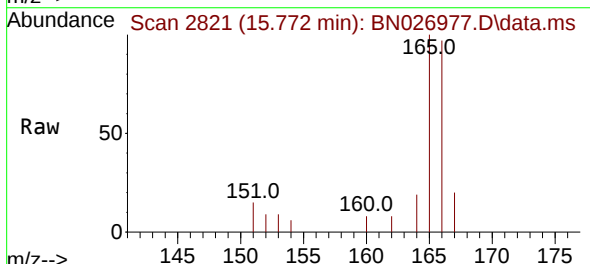
Manual Integrations
APPROVED

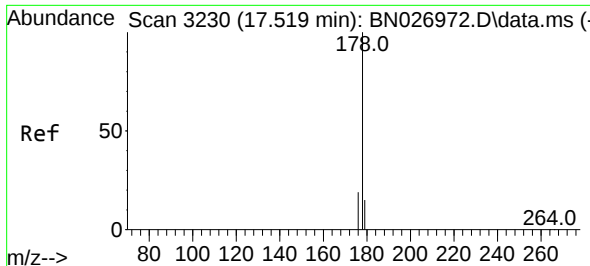
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

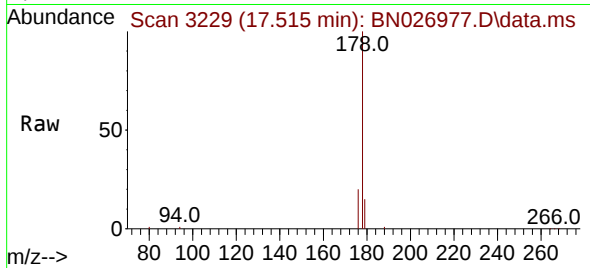
Tgt Ion:166 Resp: 1541
Ion Ratio Lower Upper
166 100
165 103.2 79.1 118.7
167 20.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

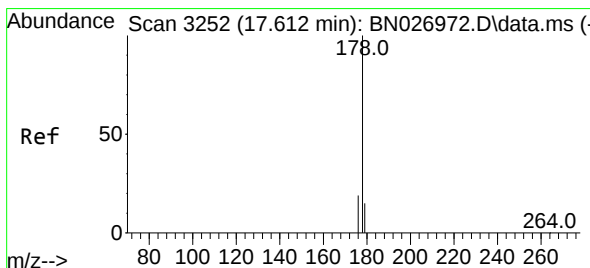
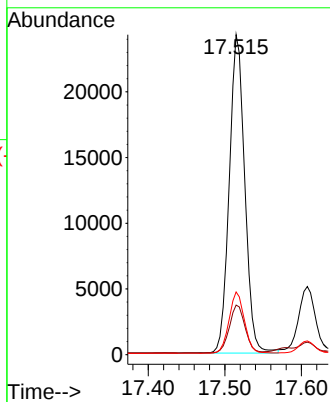
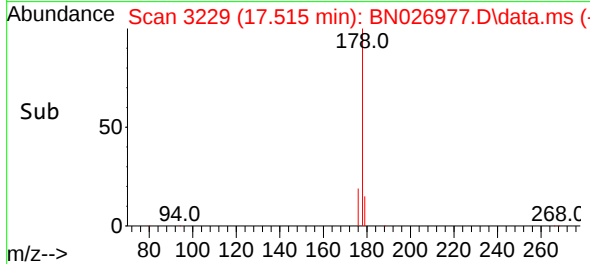
Instrument :
BNA_N
ClientSampleId :
A48K1DL



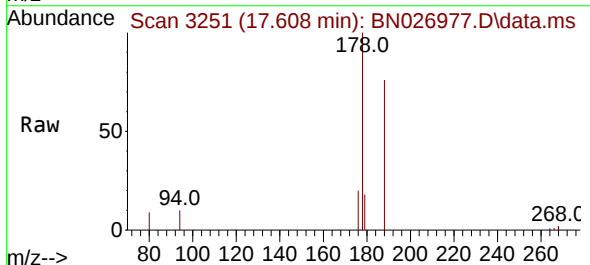
Tgt Ion:178 Resp: 3403
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.6 15.4 23.2

Manual Integrations
APPROVED

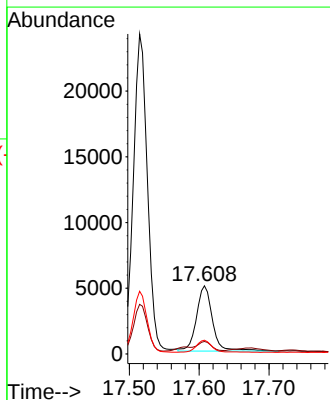
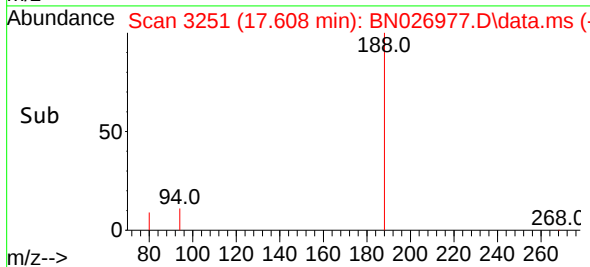
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

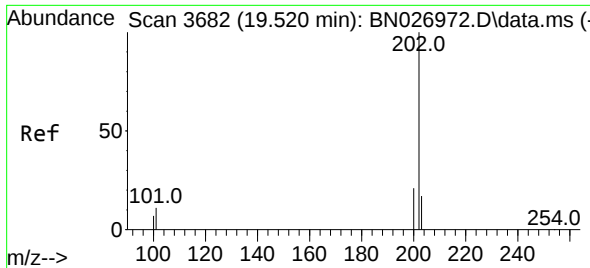


#16
Anthracene
Concen: 0.103 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16



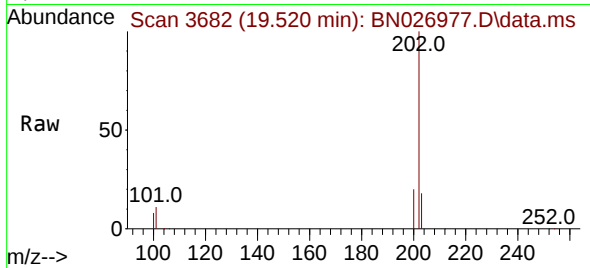
Tgt Ion:178 Resp: 7881
Ion Ratio Lower Upper
178 100
179 18.3 12.6 19.0
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 1.019 ng/ul
RT: 19.520 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

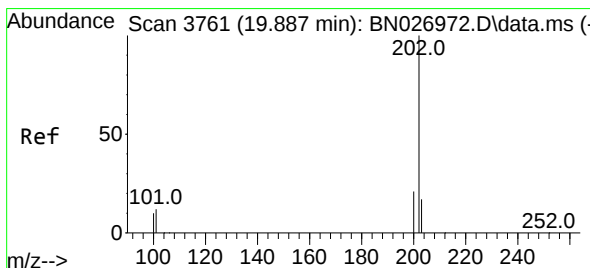
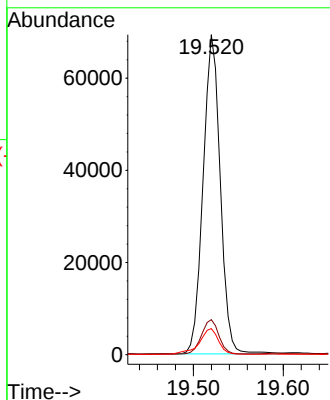
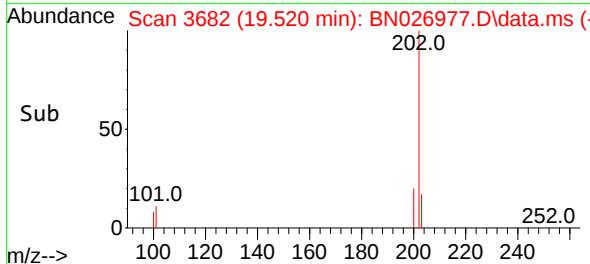
Instrument :
BNA_N
ClientSampleId :
A48K1DL



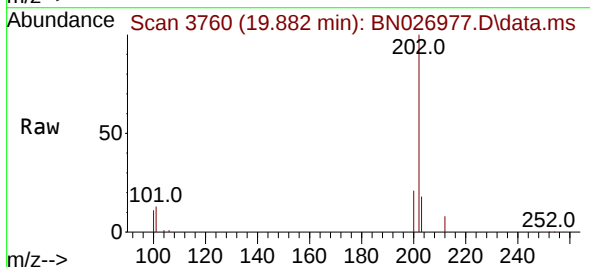
Tgt Ion:202 Resp: 9205
Ion Ratio Lower Upper
202 100
101 11.0 8.3 12.5
100 8.2 6.2 9.2

Manual Integrations
APPROVED

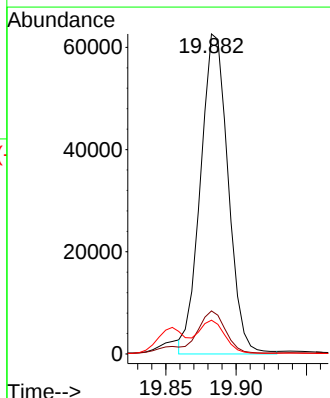
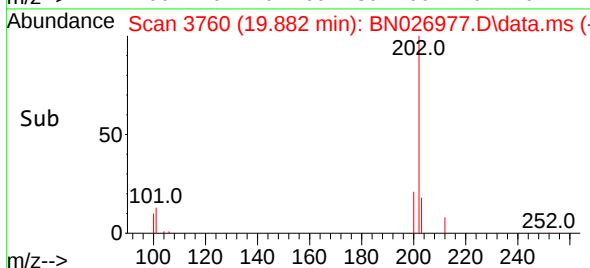
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

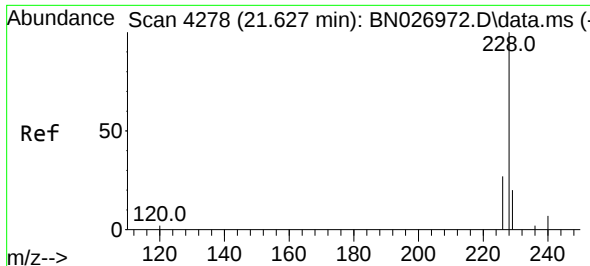


#20
Pyrene
Concen: 0.891 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16



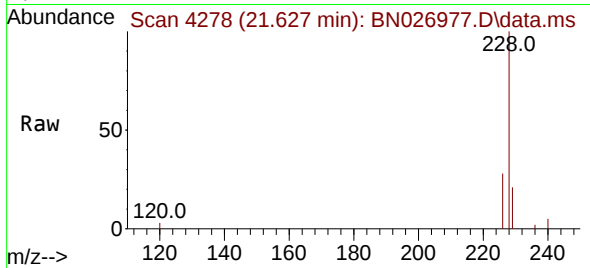
Tgt Ion:202 Resp: 85867
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

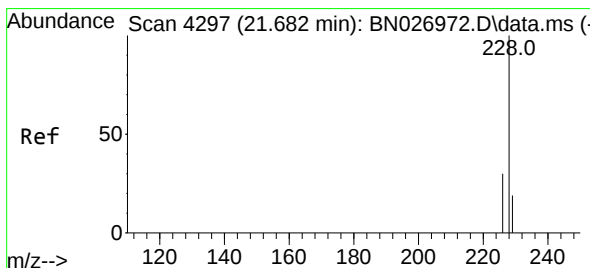
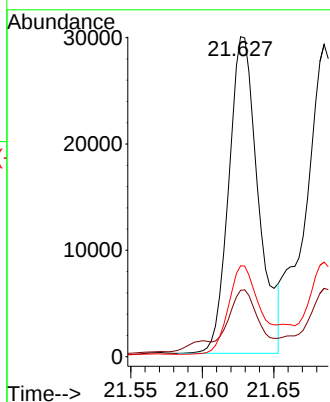
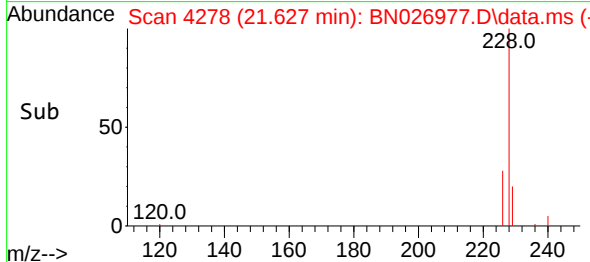
Instrument :
BNA_N
ClientSampleId :
A48K1DL



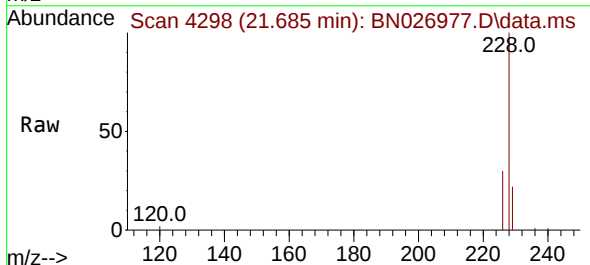
Tgt Ion:228 Resp: 42810
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.4 22.2 33.2

Manual Integrations
APPROVED

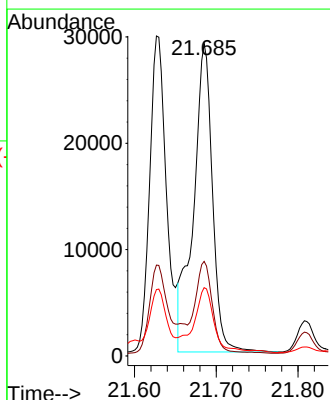
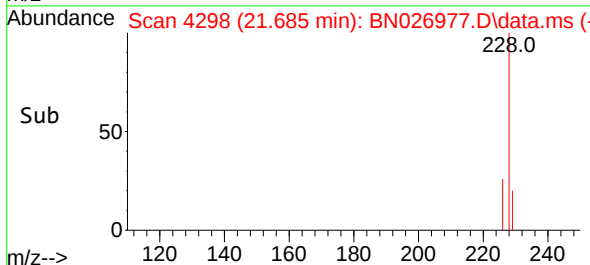
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

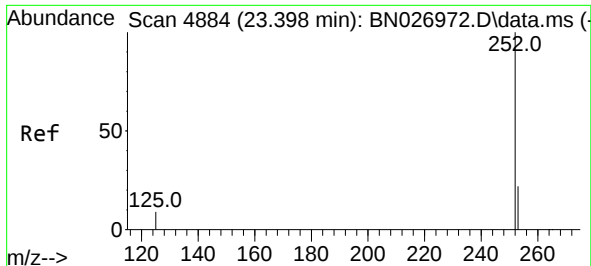


#22
Chrysene
Concen: 0.553 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16



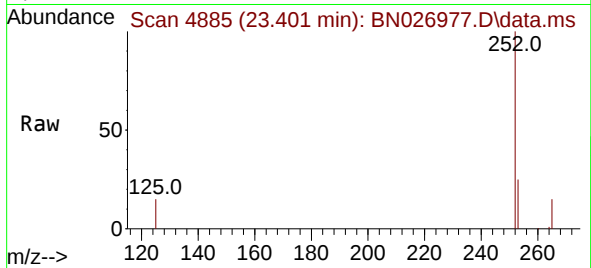
Tgt Ion:228 Resp: 47195
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.807 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

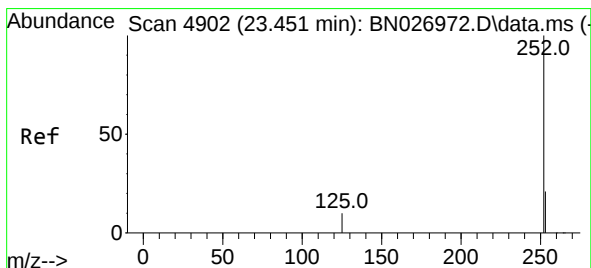
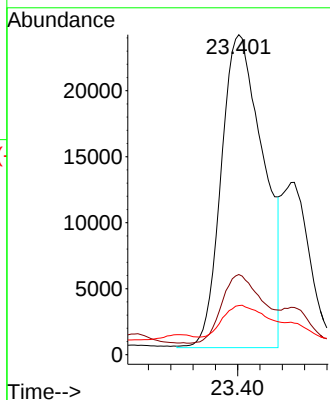
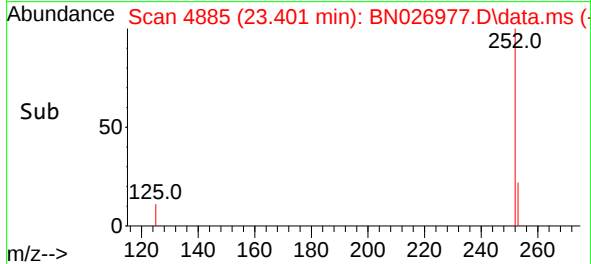
Instrument :
BNA_N
ClientSampleId :
A48K1DL



Tgt Ion:252 Resp: 6214
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.8
125 15.4 0.0 25.2

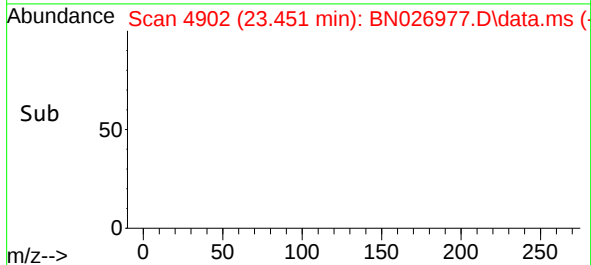
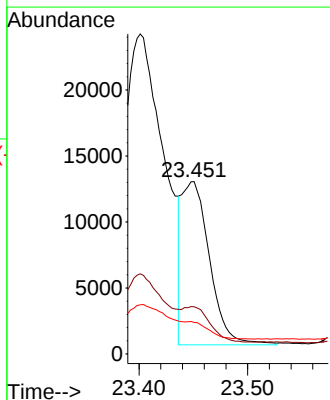
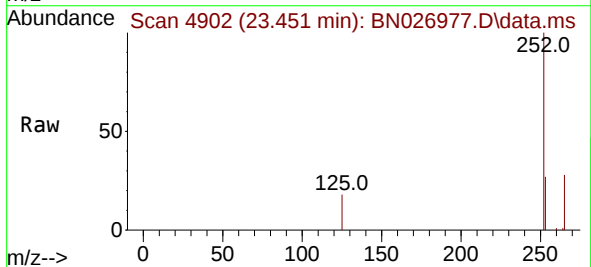
Manual Integrations
APPROVED

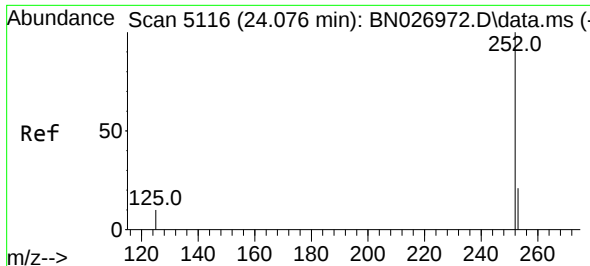
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.451 min Scan# 4902
Delta R.T. -0.009 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

Tgt Ion:252 Resp: 21993
Ion Ratio Lower Upper
252 100
253 27.4 18.2 27.4#
125 18.3 9.9 14.9#





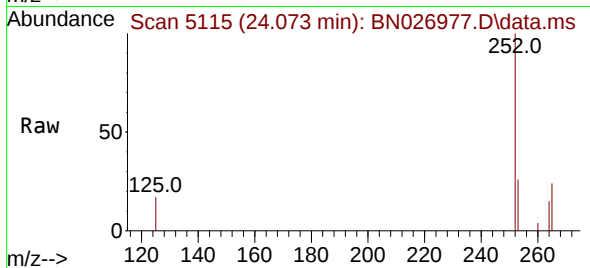
#26
Benzo(a)pyrene
Concen: 0.548 ng/ul
RT: 24.073 min Scan# 5116
Delta R.T. -0.012 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

Instrument :

BNA_N

ClientSampleId :

A48K1DL

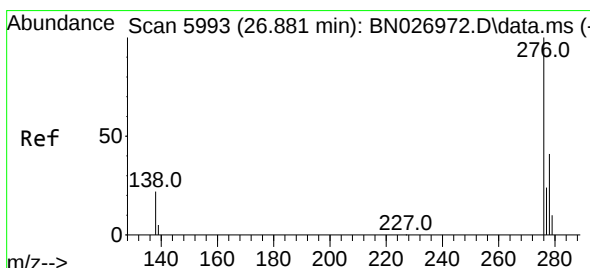
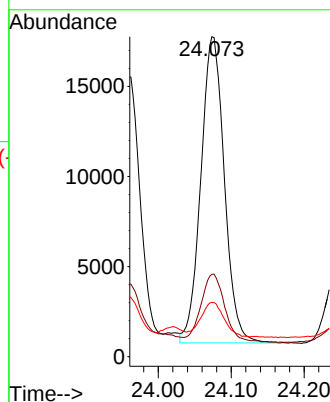
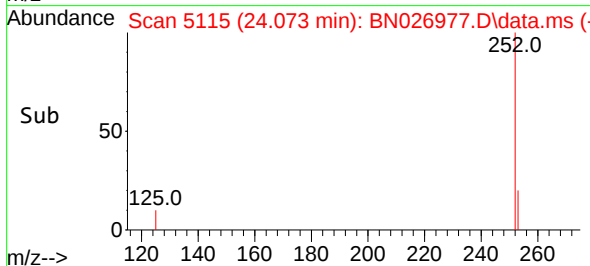


Tgt Ion:252 Resp: 38070
Ion Ratio Lower Upper
252 100
253 25.7 19.0 28.6
125 17.0 11.4 17.0

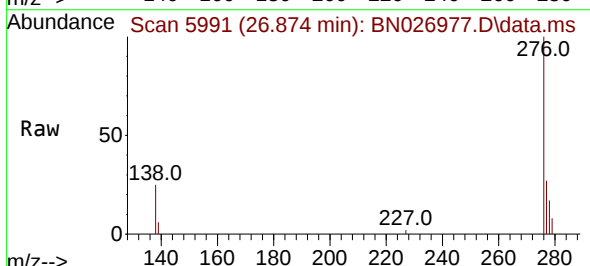
Manual Integrations

APPROVED

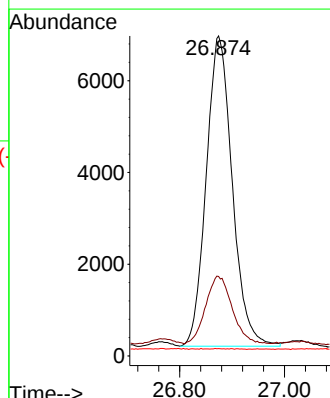
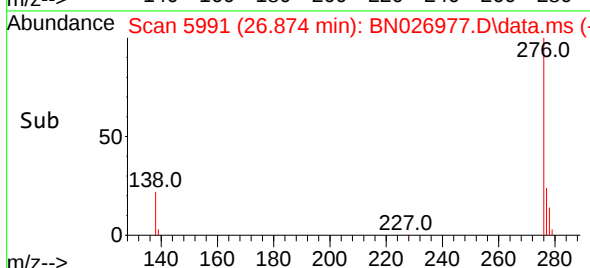
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

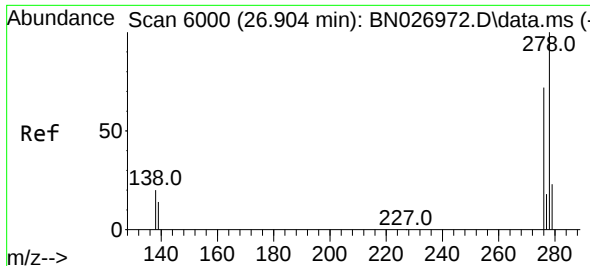


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.011 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16



Tgt Ion:276 Resp: 23287
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.031 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

Instrument :

BNA_N

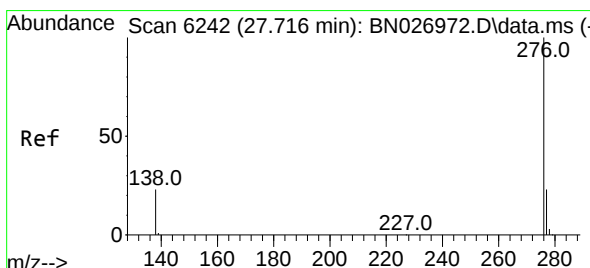
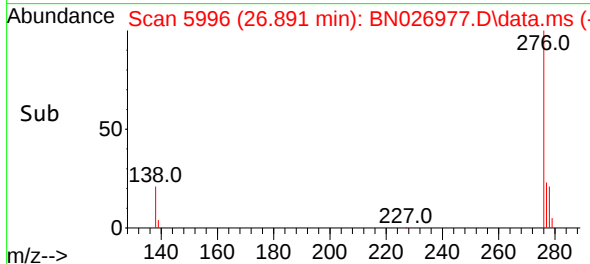
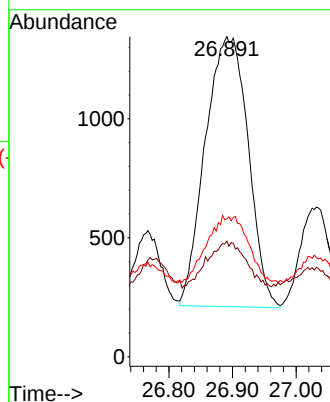
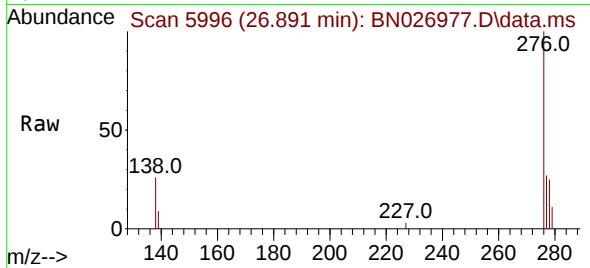
ClientSampleId :

A48K1DL

Tgt Ion:278 Resp: 531
Ion Ratio Lower Upper
278 100
139 36.1 15.7 23.5
279 43.1 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN026977.D
Acq: 19 Aug 2023 03:16

Tgt Ion:276 Resp: 21510
Ion Ratio Lower Upper
276 100
138 26.6 19.3 28.9
277 26.7 19.8 29.8

