

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028551.D
 Acq On : 10 Nov 2023 11:21
 Operator : MA/JU
 Sample : 05044-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHED8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 10 23:26:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	9616	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.500	136	35174	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.371	164	20457	0.400	ng/ul	# 0.02
13) Phenanthrene-d10	17.127	188	38293	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.327	240	24343	0.400	ng/ul	# 0.00
23) Perylene-d12	23.630	264	23568	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	35822	3.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	50517	0.954	ng/ul	0.02
18) Fluoranthene-d10	19.163	212	26877	0.343	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.555	128	27302	0.277	ng/ul#	1
8) 1-Methylnaphthalene	12.398	142	47894	0.726	ng/ul	94
12) Fluorene	15.421	166	29312	0.335	ng/ul#	74
20) Pyrene	19.553	202	28675	0.267	ng/ul#	62
21) Benzo(a)anthracene	21.312	228	3900	0.041	ng/ul#	1
22) Chrysene	21.362	228	9161m	0.097	ng/ul	
24) Benzo(b)fluoranthene	22.931	252	4324m	0.049	ng/ul	
26) Benzo(a)pyrene	23.530	252	4634	0.055	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.993	276	2870	0.031	ng/ul#	86
29) Benzo(g,h,i)perylene	26.721	276	5328	0.070	ng/ul#	40

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

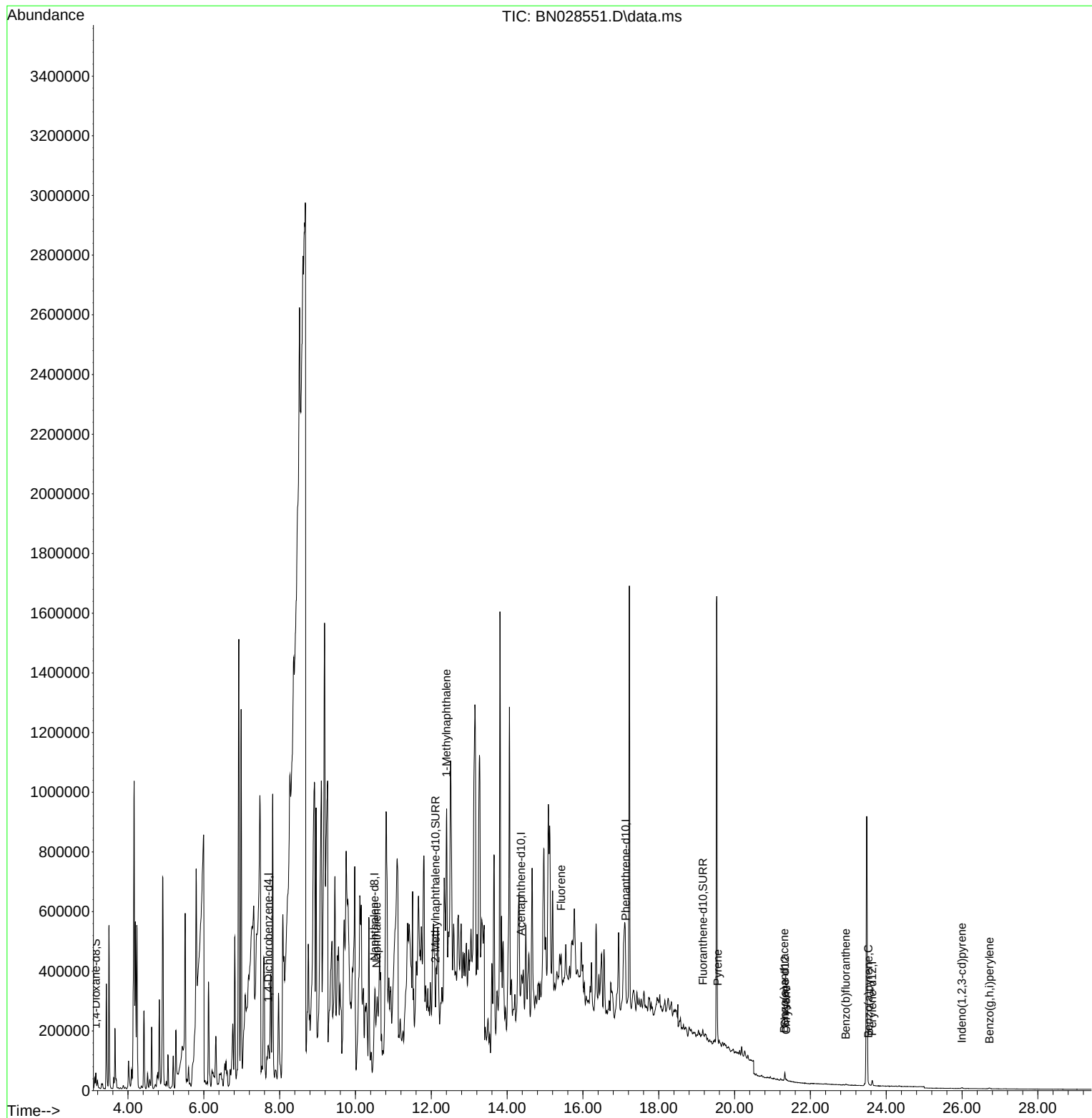
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
Data File : BN028551.D
Acq On : 10 Nov 2023 11:21
Operator : MA/JU
Sample : 05044-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

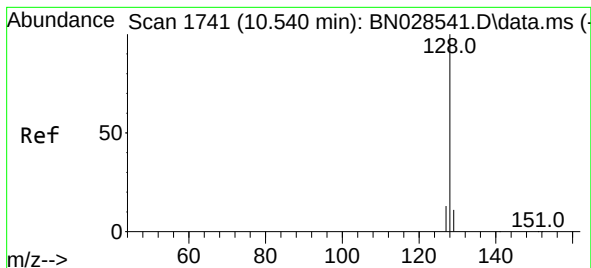
Instrument :
BNA_N
ClientSampleId :
BHED8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 10 23:26:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:30:32 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.277 ng/ul

RT: 10.555 min Scan# 1744

Delta R.T. 0.011 min

Lab File: BN028551.D

Acq: 10 Nov 2023 11:21

Instrument :

BNA_N

ClientSampleId :

BHED8

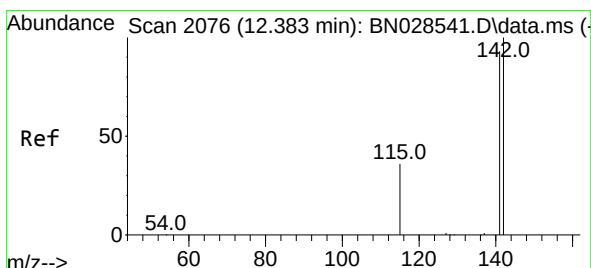
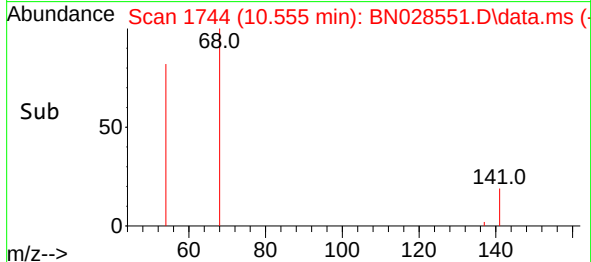
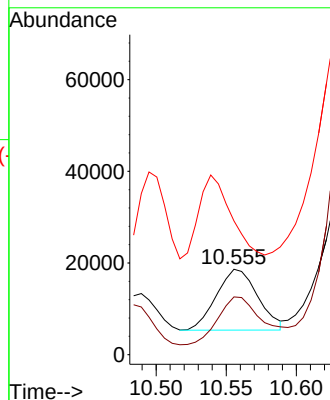
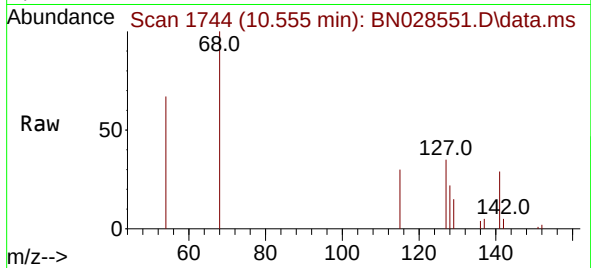
Tgt Ion:128 Resp: 27302
 Ion Ratio Lower Upper
 128 100
 129 67.6 9.2 13.8
 127 156.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/11/2023



#8

1-Methylnaphthalene

Concen: 0.726 ng/ul

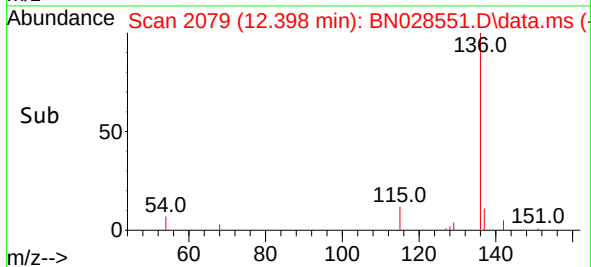
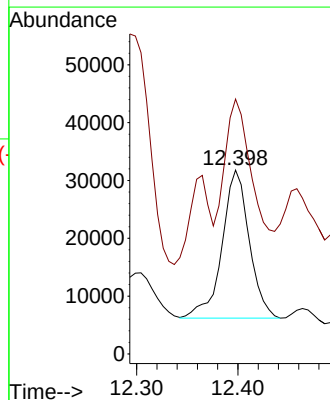
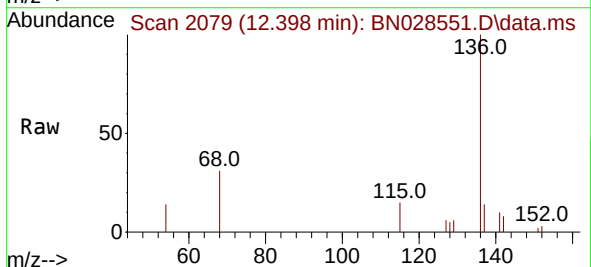
RT: 12.398 min Scan# 2079

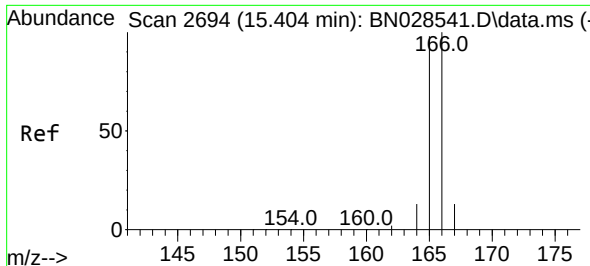
Delta R.T. 0.011 min

Lab File: BN028551.D

Acq: 10 Nov 2023 11:21

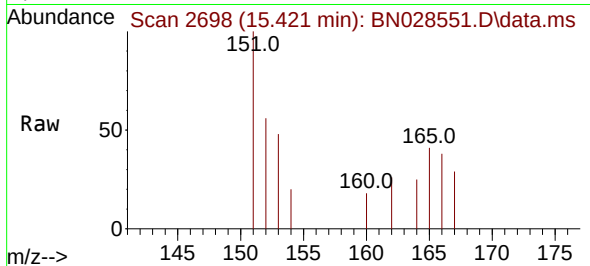
Tgt Ion:142 Resp: 47894
 Ion Ratio Lower Upper
 142 100
 141 86.4 74.1 111.1





#12
Fluorene
Concen: 0.335 ng/u1
RT: 15.421 min Scan# 20
Delta R.T. 0.014 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21

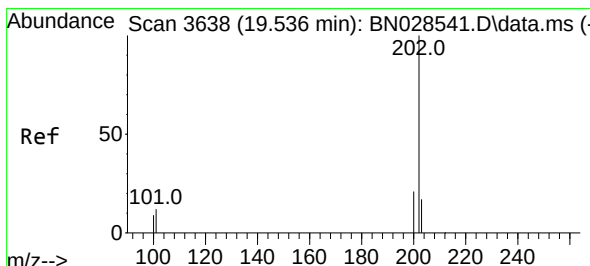
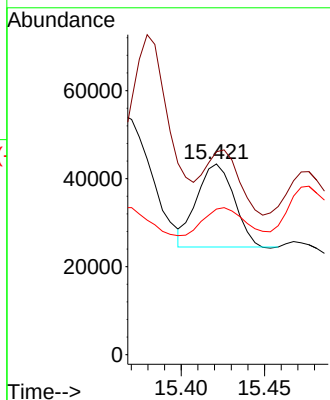
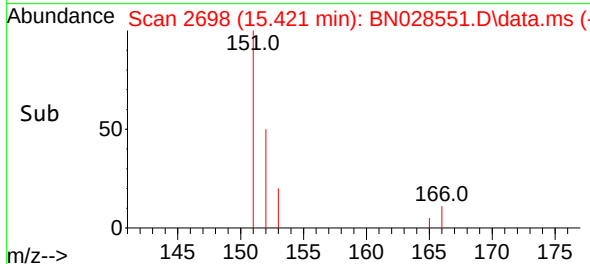
Instrument :
BNA_N
ClientSampleId :
BHED8



Tgt Ion:166 Resp: 29312
Ion Ratio Lower Upper
166 100
165 106.3 78.6 118.0
167 76.3 11.0 16.6

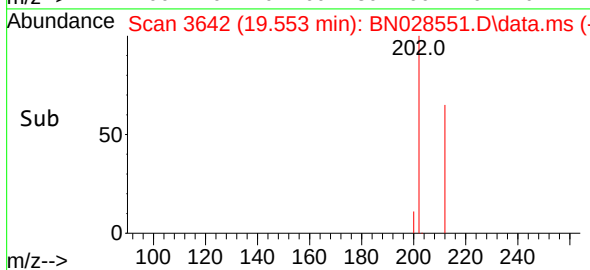
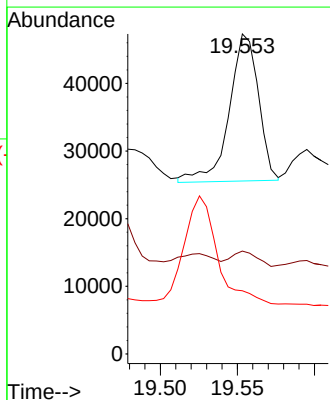
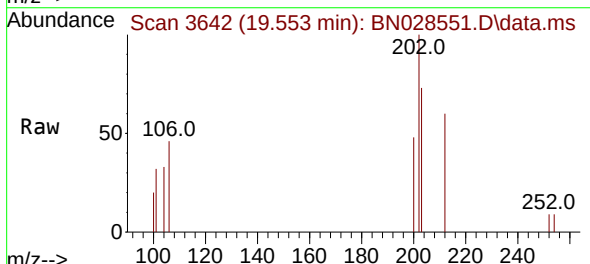
Manual Integrations
APPROVED

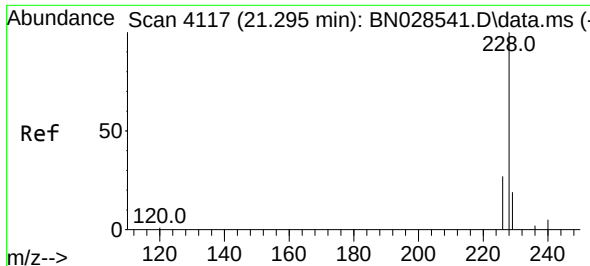
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023



#20
Pyrene
Concen: 0.267 ng/u1
RT: 19.553 min Scan# 3642
Delta R.T. 0.014 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21

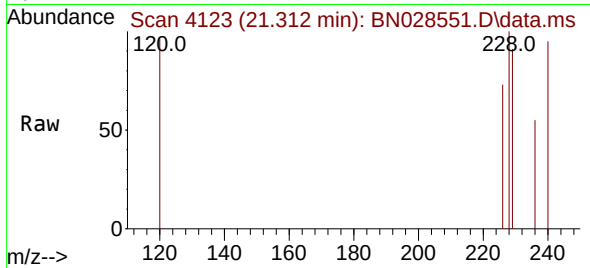
Tgt Ion:202 Resp: 28675
Ion Ratio Lower Upper
202 100
101 32.1 10.3 15.5#
100 19.7 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.312 min Scan# 4117
Delta R.T. 0.009 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21

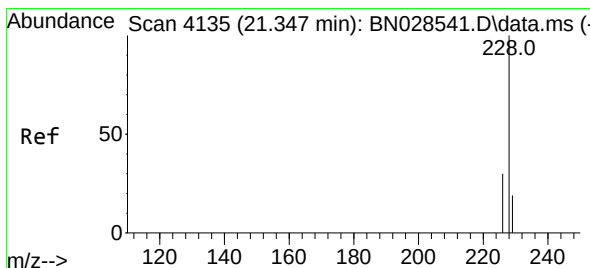
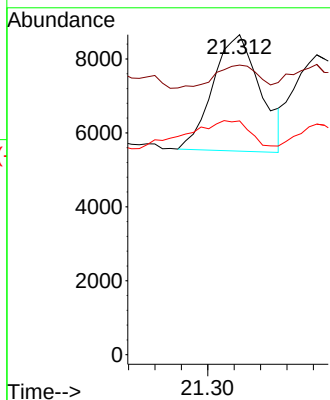
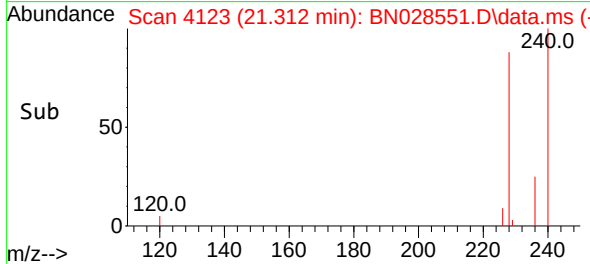
Instrument :
BNA_N
ClientSampleId :
BHED8



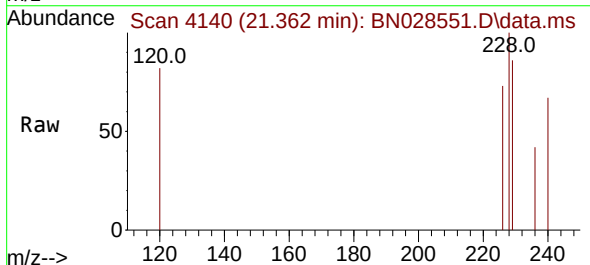
Tgt Ion:228 Resp: 3900
Ion Ratio Lower Upper
228 100
229 90.5 15.7 23.5#
226 73.1 21.4 32.0#

Manual Integrations
APPROVED

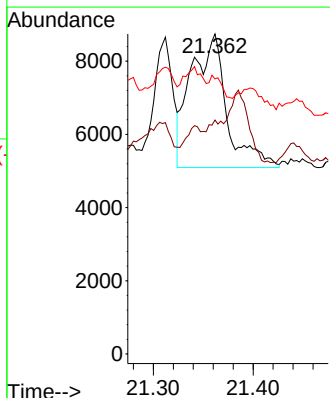
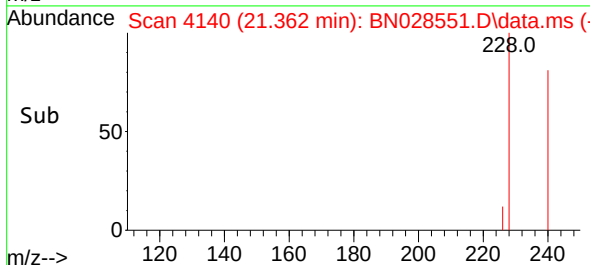
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

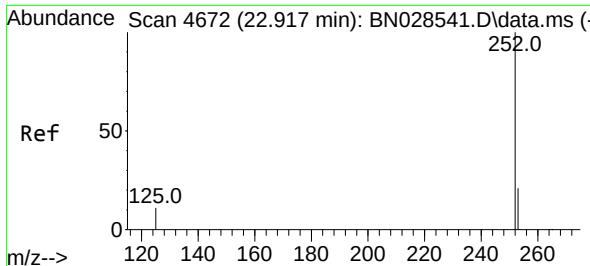


#22
Chrysene
Concen: 0.097 ng/ul m
RT: 21.362 min Scan# 4140
Delta R.T. 0.006 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21



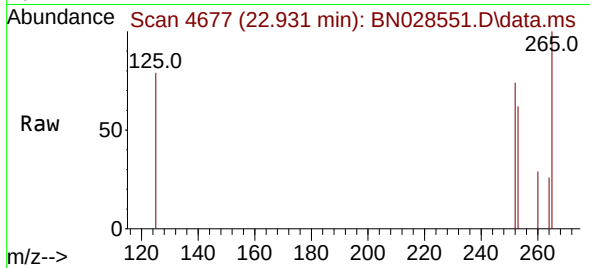
Tgt Ion:228 Resp: 9161
Ion Ratio Lower Upper
228 100
226 73.1 23.8 35.8#
229 85.9 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.931 min Scan# 4672
Delta R.T. 0.003 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21

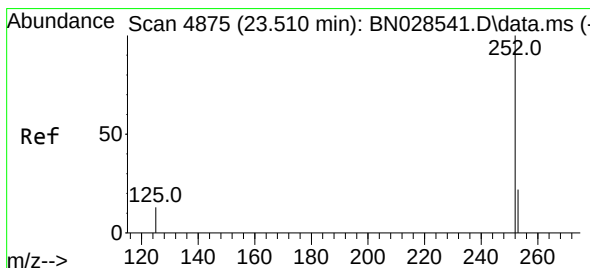
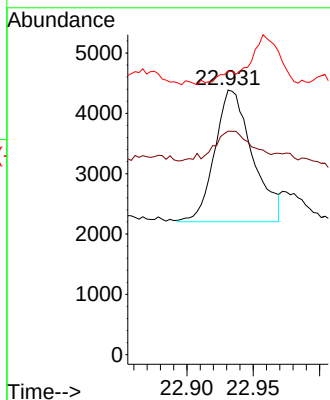
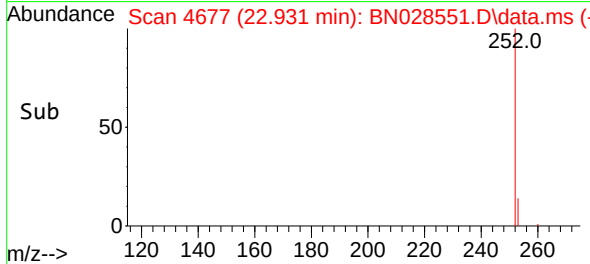
Instrument :
BNA_N
ClientSampleId :
BHED8



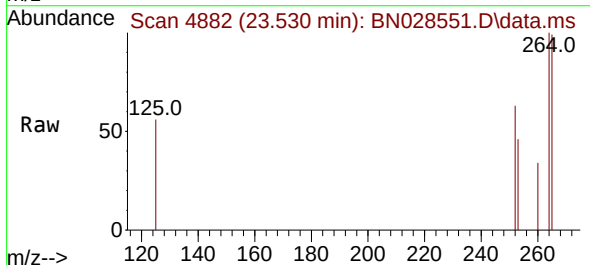
Tgt Ion:252 Resp: 4324
Ion Ratio Lower Upper
252 100
253 84.5 0.0 46.6#
125 107.0 0.0 27.6#

Manual Integrations
APPROVED

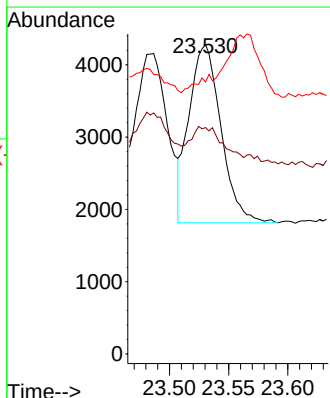
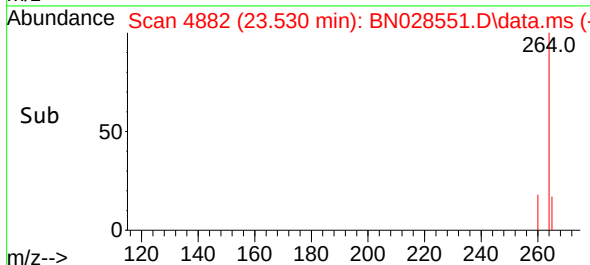
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

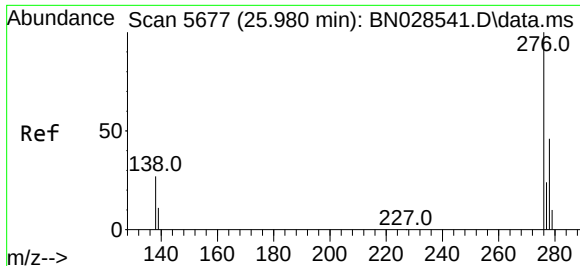


#26
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.530 min Scan# 4882
Delta R.T. 0.006 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21



Tgt Ion:252 Resp: 4634
Ion Ratio Lower Upper
252 100
253 73.1 19.0 28.6#
125 87.9 13.2 19.8#





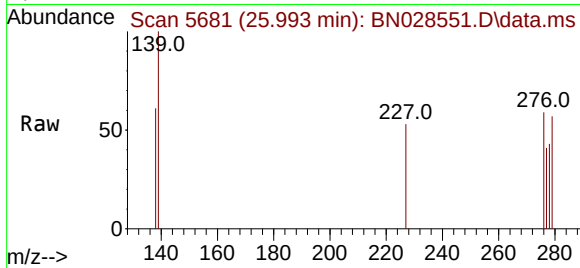
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.993 min Scan# 5681
Delta R.T. -0.000 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21

Instrument :

BNA_N

ClientSampleId :

BHED8



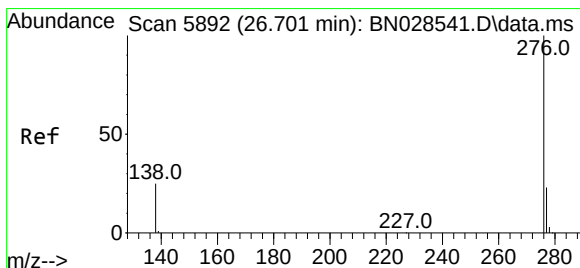
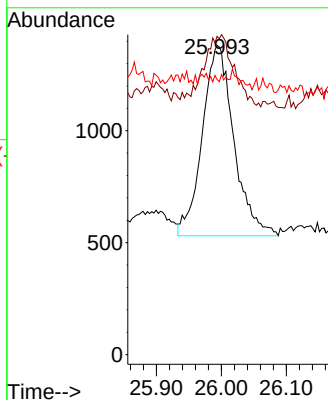
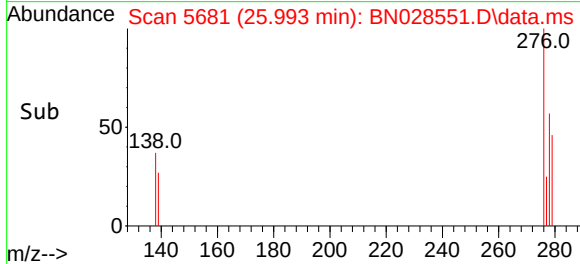
Tgt Ion:276 Resp: 2870
Ion Ratio Lower Upper
276 100
138 37.4 23.8 35.6#
227 0.0 0.1 0.1#

Manual Integrations

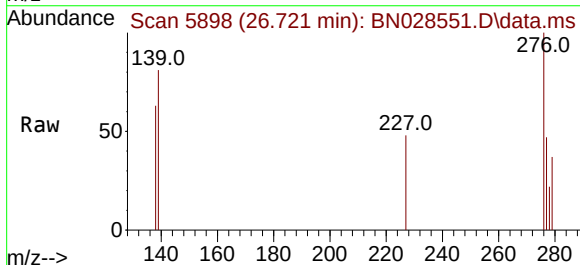
APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/11/2023



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.721 min Scan# 5898
Delta R.T. 0.003 min
Lab File: BN028551.D
Acq: 10 Nov 2023 11:21



Tgt Ion:276 Resp: 5328
Ion Ratio Lower Upper
276 100
138 63.4 20.5 30.7#
277 46.7 19.4 29.0#

