

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032957.D
 Acq On : 24 Jul 2024 20:49
 Operator : MA/JU
 Sample : P3215-01DL 5X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD3DL

Manual Integrations
 APPROVED

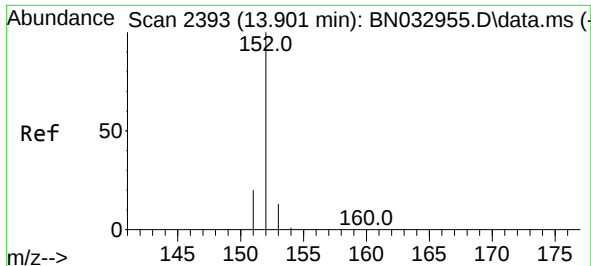
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:49:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

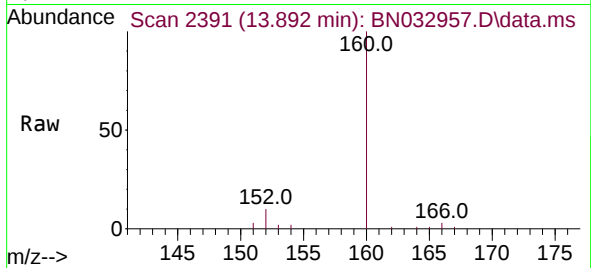
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	3540	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	12100	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	6297	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	10084	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	8826	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	11395	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2789	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	794	0.043	ng/ul	-0.01
18) Fluoranthene-d10	18.980	212	1232	0.043	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.892	152	1395	0.055	ng/ul#	83
11) Acenaphthene	14.235	153	820	0.039	ng/ul	95
12) Fluorene	15.239	166	938	0.039	ng/ul#	95
15) Phenanthrene	16.978	178	20834	0.759	ng/ul	99
16) Anthracene	17.075	178	4699	0.209	ng/ul#	92
19) Fluoranthene	19.008	202	45457	1.267	ng/ul	99
20) Pyrene	19.375	202	27067	0.729	ng/ul	100
21) Benzo(a)anthracene	21.141	228	21396	0.762	ng/ul	97
22) Chrysene	21.191	228	21634	0.532	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	32162m	0.800	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	12480m	0.255	ng/ul	
26) Benzo(a)pyrene	23.254	252	8681	0.249	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.559	276	10094	0.214	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.552	278	3853	0.106	ng/ul#	42
29) Benzo(g,h,i)perylene	26.247	276	1517	0.039	ng/ul#	2

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



#10
Acenaphthylene
Concen: 0.055 ng/u1
RT: 13.892 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

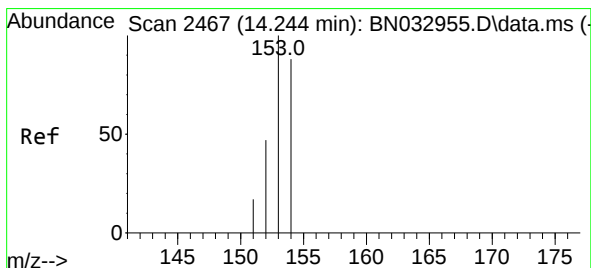
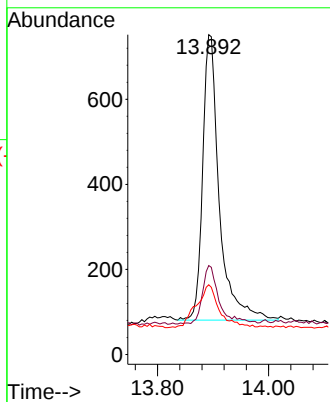
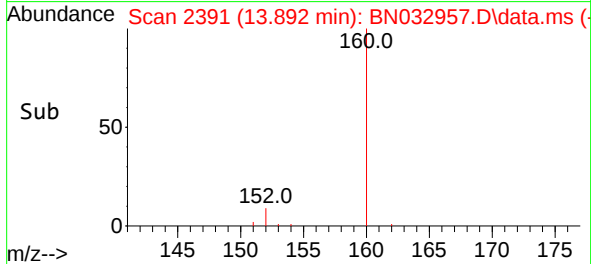
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:152 Resp: 139
Ion Ratio Lower Upper
152 100
151 27.8 16.3 24.5
153 21.8 11.3 16.9

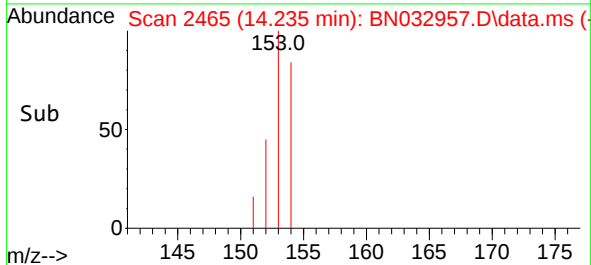
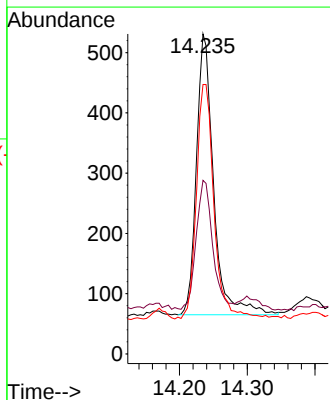
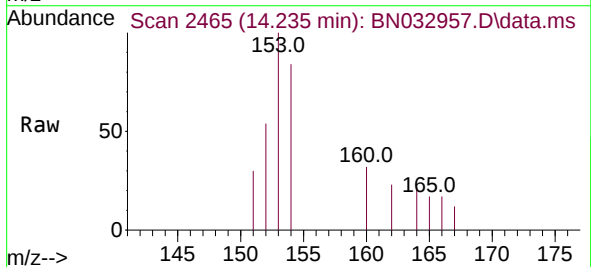
Manual Integrations
APPROVED

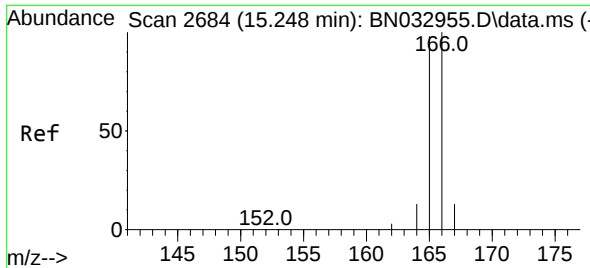
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

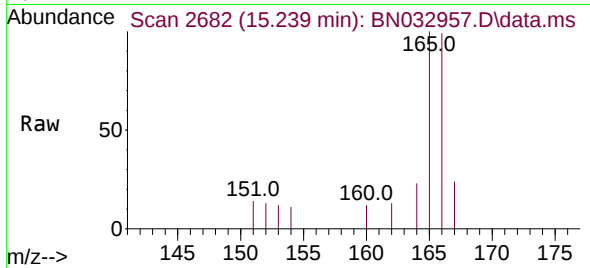
Tgt Ion:153 Resp: 820
Ion Ratio Lower Upper
153 100
152 54.2 40.0 60.0
154 84.2 70.2 105.4





#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.239 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

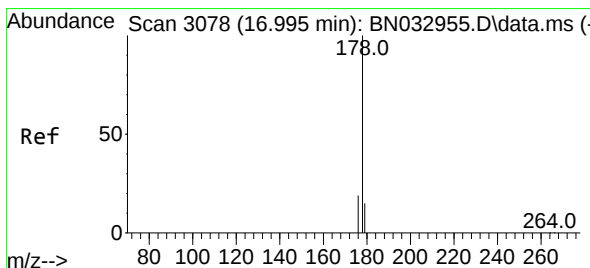
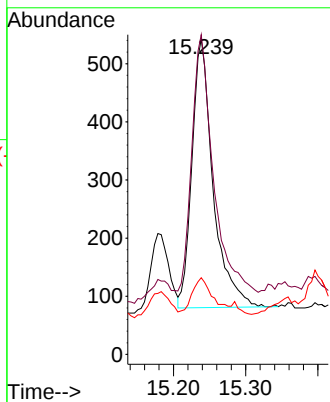
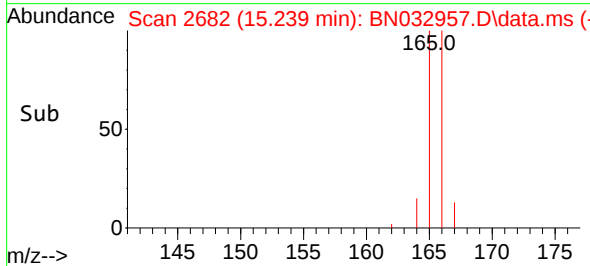
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:166 Resp: 938
Ion Ratio Lower Upper
166 100
165 101.5 79.7 119.5
167 24.4 11.4 17.2

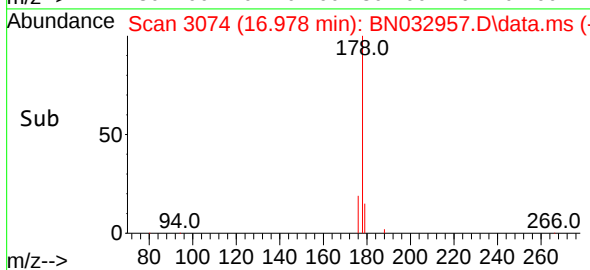
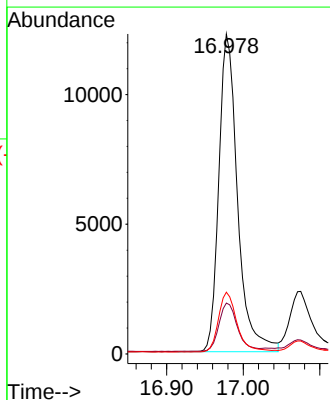
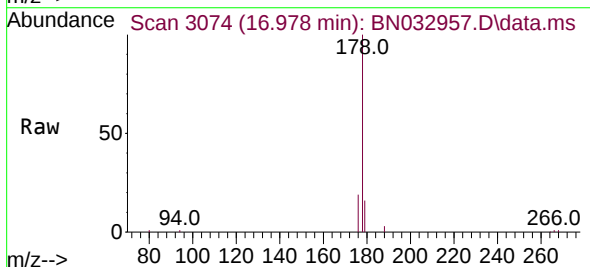
Manual Integrations
APPROVED

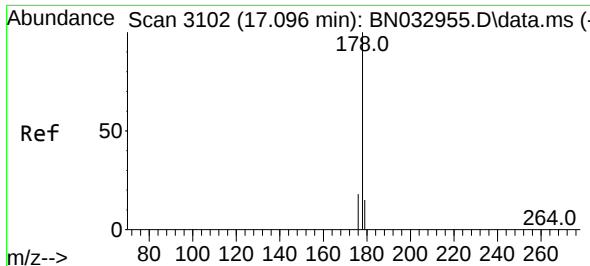
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.759 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

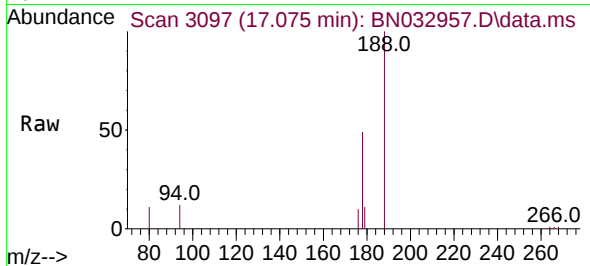
Tgt Ion:178 Resp: 20834
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 0.209 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032957.D
 Acq: 24 Jul 2024 20:49

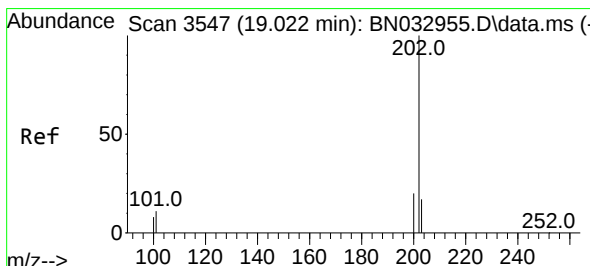
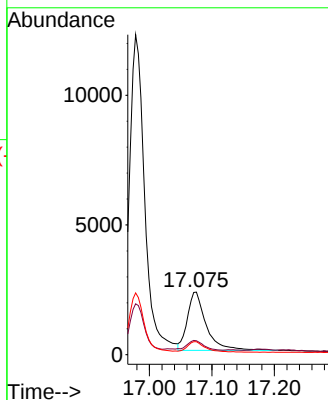
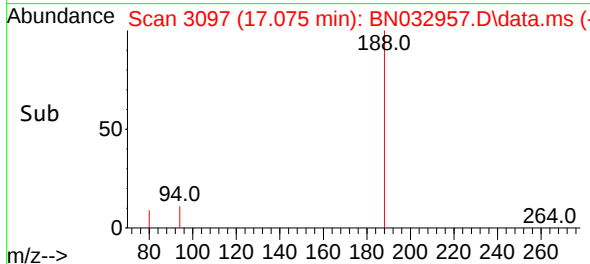
Instrument :
 BNA_N
 ClientSampleId :
 A4BD3DL



Tgt Ion:178 Resp: 4699
 Ion Ratio Lower Upper
 178 100
 179 22.3 13.4 20.2
 176 20.8 15.4 23.0

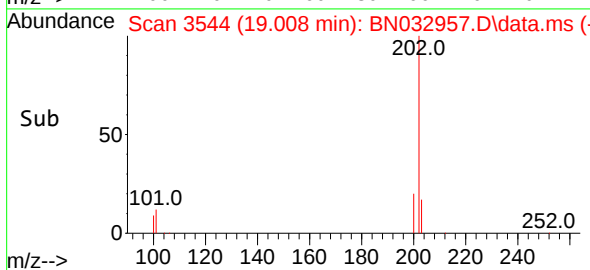
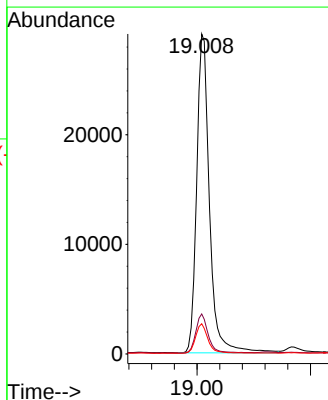
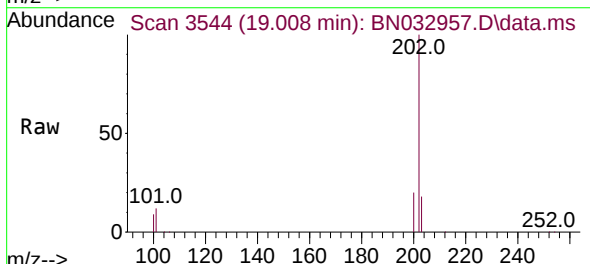
Manual Integrations
 APPROVED

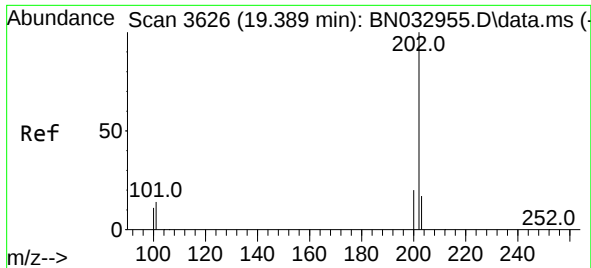
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 1.267 ng/ul
 RT: 19.008 min Scan# 3544
 Delta R.T. -0.017 min
 Lab File: BN032957.D
 Acq: 24 Jul 2024 20:49

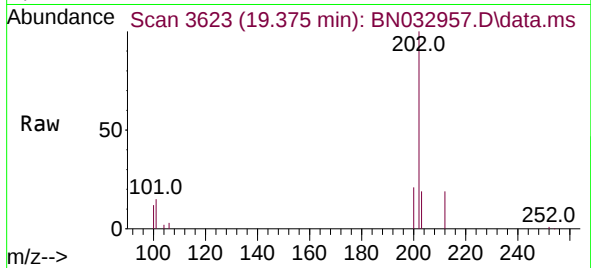
Tgt Ion:202 Resp: 45457
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.8 14.8
 100 9.5 7.9 11.9





#20
Pyrene
Concen: 0.729 ng/ul
RT: 19.375 min Scan# 30
Delta R.T. -0.017 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

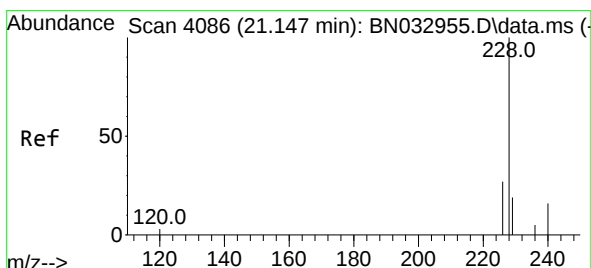
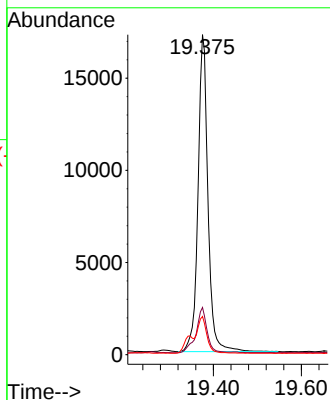
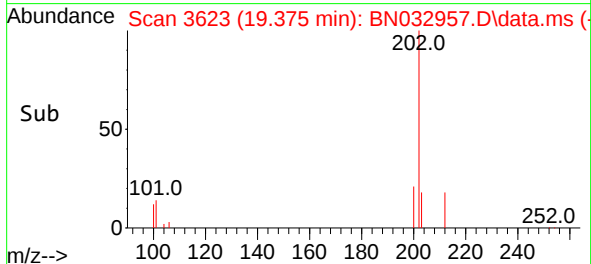
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



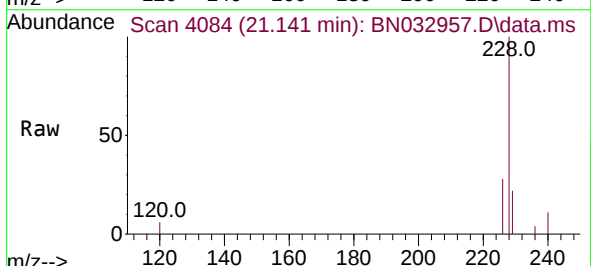
Tgt Ion:202 Resp: 2706
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.0 9.6 14.4

Manual Integrations
APPROVED

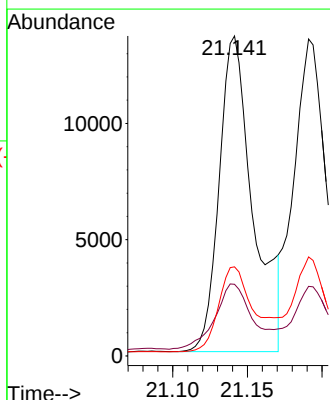
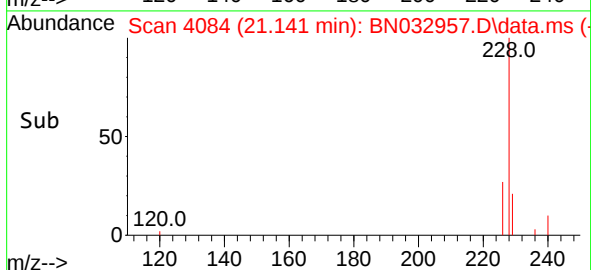
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

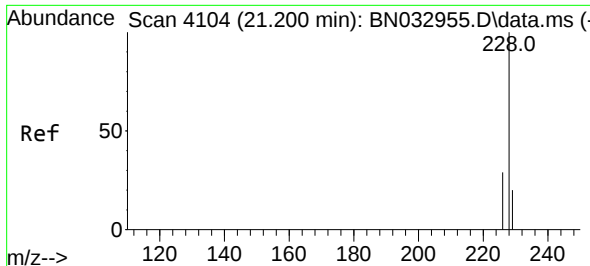


#21
Benzo(a)anthracene
Concen: 0.762 ng/ul
RT: 21.141 min Scan# 4084
Delta R.T. -0.009 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49



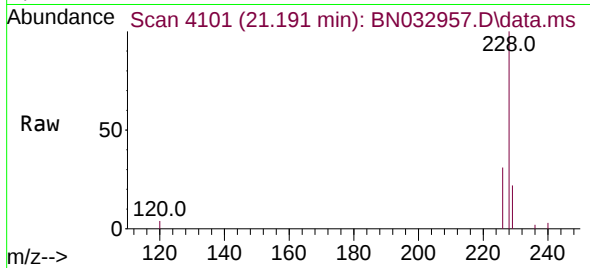
Tgt Ion:228 Resp: 21396
Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 27.9 21.9 32.9





#22
Chrysene
Concen: 0.532 ng/ul
RT: 21.191 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

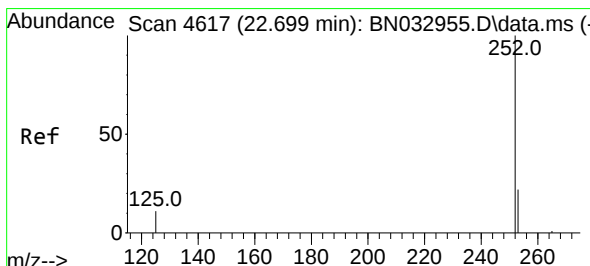
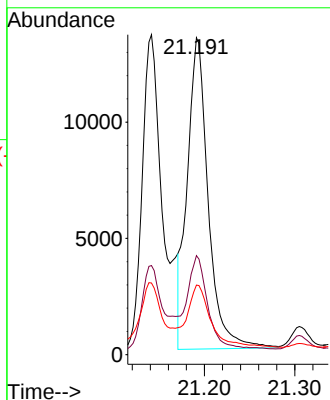
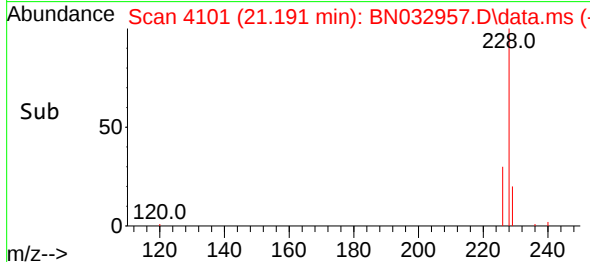
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



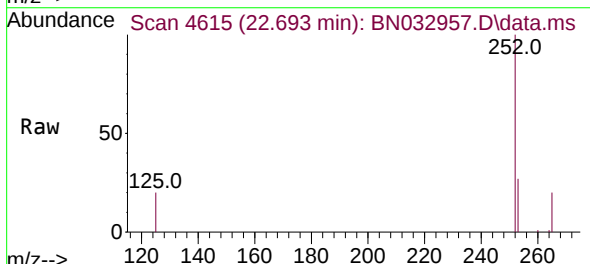
Tgt Ion:228 Resp: 21634
Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 21.9 15.8 23.6

Manual Integrations
APPROVED

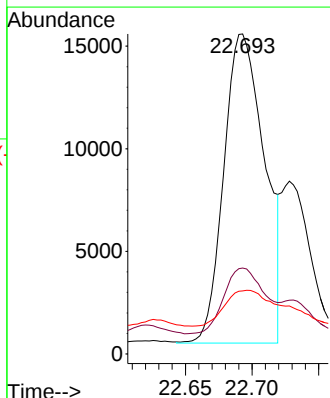
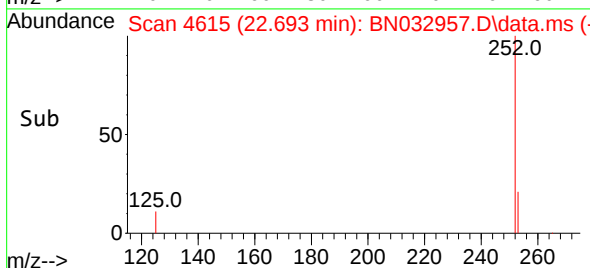
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

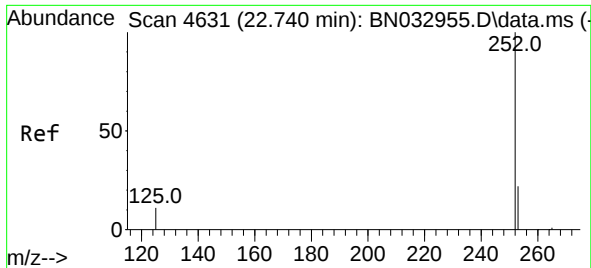


#24
Benzo(b)fluoranthene
Concen: 0.800 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49



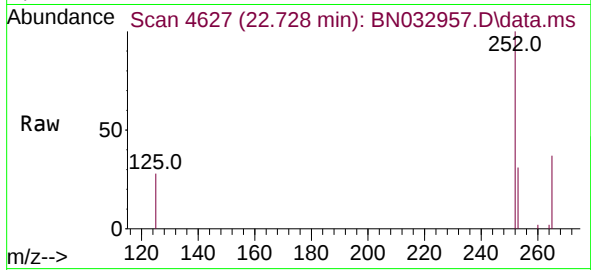
Tgt Ion:252 Resp: 32162
Ion Ratio Lower Upper
252 100
253 26.8 0.0 54.0
125 19.7 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.255 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

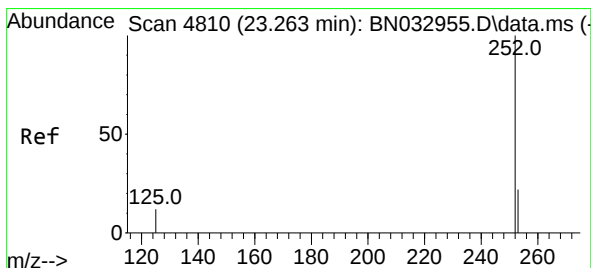
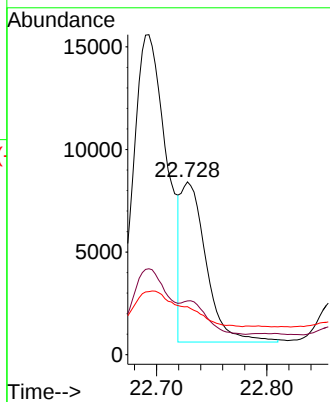
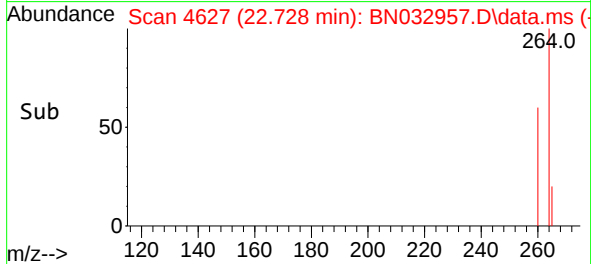
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



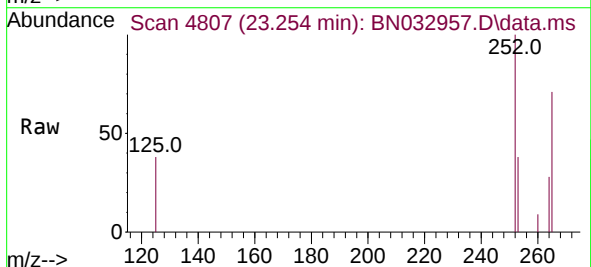
Tgt Ion:252 Resp: 12480
Ion Ratio Lower Upper
252 100
253 31.1 21.2 31.8
125 27.7 14.8 22.2

Manual Integrations
APPROVED

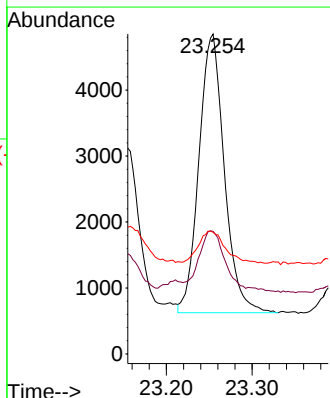
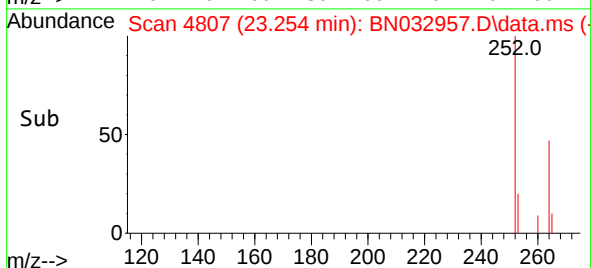
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

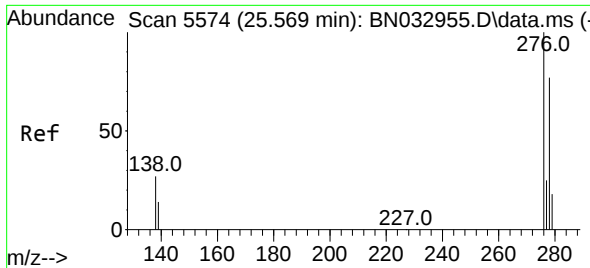


#26
Benzo(a)pyrene
Concen: 0.249 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49



Tgt Ion:252 Resp: 8681
Ion Ratio Lower Upper
252 100
253 38.3 25.4 38.0#
125 38.1 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.214 ng/ul
 RT: 25.559 min Scan# 5574
 Delta R.T. -0.010 min
 Lab File: BN032957.D
 Acq: 24 Jul 2024 20:49

Instrument :

BNA_N

ClientSampleId :

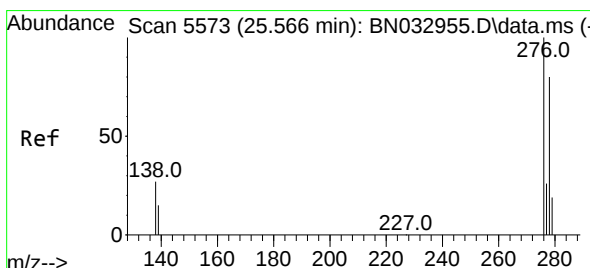
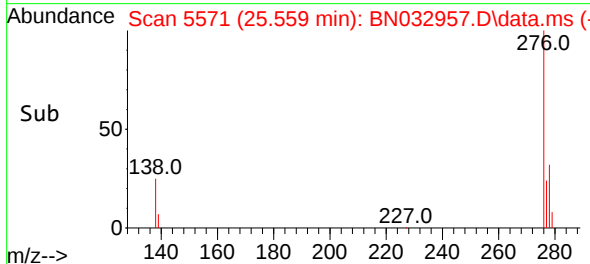
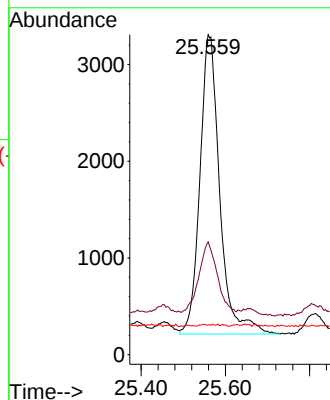
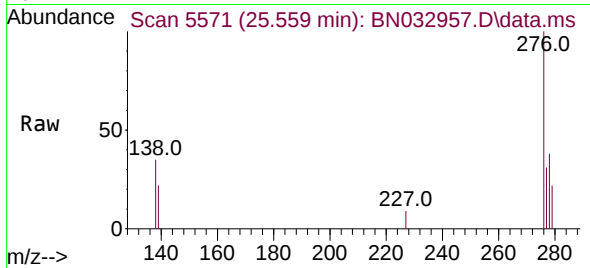
A4BD3DL

Tgt Ion:276 Resp: 10094
 Ion Ratio Lower Upper
 276 100
 138 23.2 21.6 32.4
 227 0.4 0.0 0.0

Manual Integrations

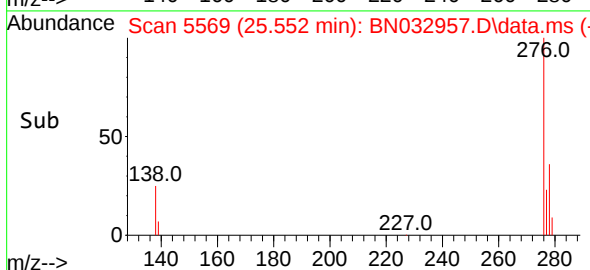
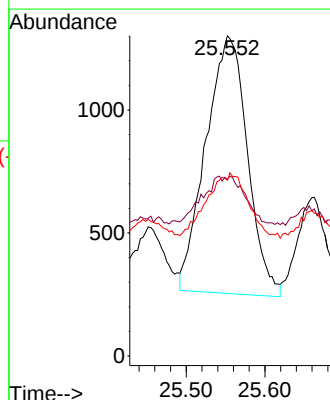
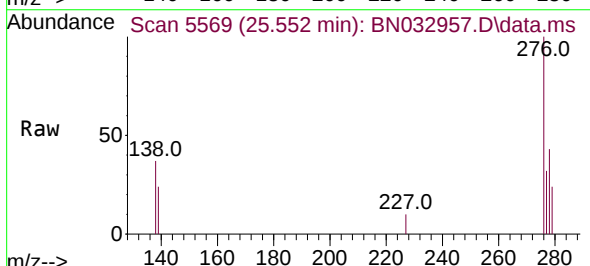
APPROVED

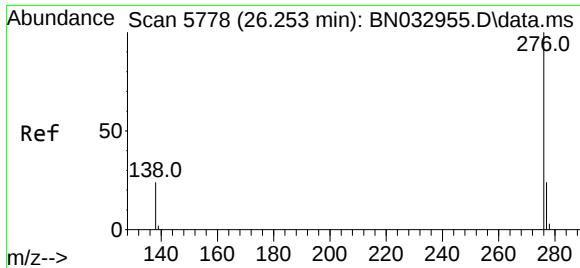
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.106 ng/ul
 RT: 25.552 min Scan# 5569
 Delta R.T. -0.017 min
 Lab File: BN032957.D
 Acq: 24 Jul 2024 20:49

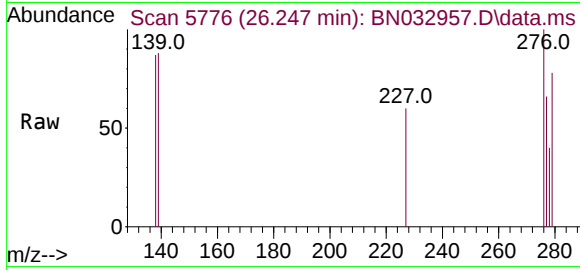
Tgt Ion:278 Resp: 3853
 Ion Ratio Lower Upper
 278 100
 139 55.2 16.6 24.8#
 279 54.9 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.247 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN032957.D
Acq: 24 Jul 2024 20:49

Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion: 276 Resp: 151
Ion Ratio Lower Upper
276 100
138 86.6 21.0 31.4
277 65.6 20.6 31.0

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/25/2024
Supervised By : mohammad ahmed 07/26/2024

