

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032947.D
 Acq On : 24 Jul 2024 14:11
 Operator : MA/JU
 Sample : P3238-08DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 15:22:05 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	7.523	152	4614	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	15784	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	8995	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	14633	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	10957	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	13564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2807	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	917	0.038	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	1394	0.039	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	2036	0.048	ng/ul#	85
7) 2-Methylnaphthalene	11.982	142	945	0.036	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	894	0.033	ng/ul	96
10) Acenaphthylene	13.897	152	3042	0.084	ng/ul#	90
11) Acenaphthene	14.239	153	6253	0.208	ng/ul	99
12) Fluorene	15.238	166	6474	0.188	ng/ul	98
15) Phenanthrene	16.978	178	125128	3.140	ng/ul	98
16) Anthracene	17.071	178	18946	0.582	ng/ul	98
19) Fluoranthene	19.008	202	196786	4.417	ng/ul	99
20) Pyrene	19.375	202	143407	3.110	ng/ul	100
21) Benzo(a)anthracene	21.141	228	75905	2.176	ng/ul	98
22) Chrysene	21.194	228	89099	1.766	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	118146m	2.469	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	43060m	0.738	ng/ul	
26) Benzo(a)pyrene	23.257	252	44175	1.067	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.562	276	43954	0.784	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.552	278	13450	0.309	ng/ul#	72
29) Benzo(g,h,i)perylene	26.250	276	6239	0.133	ng/ul#	49

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

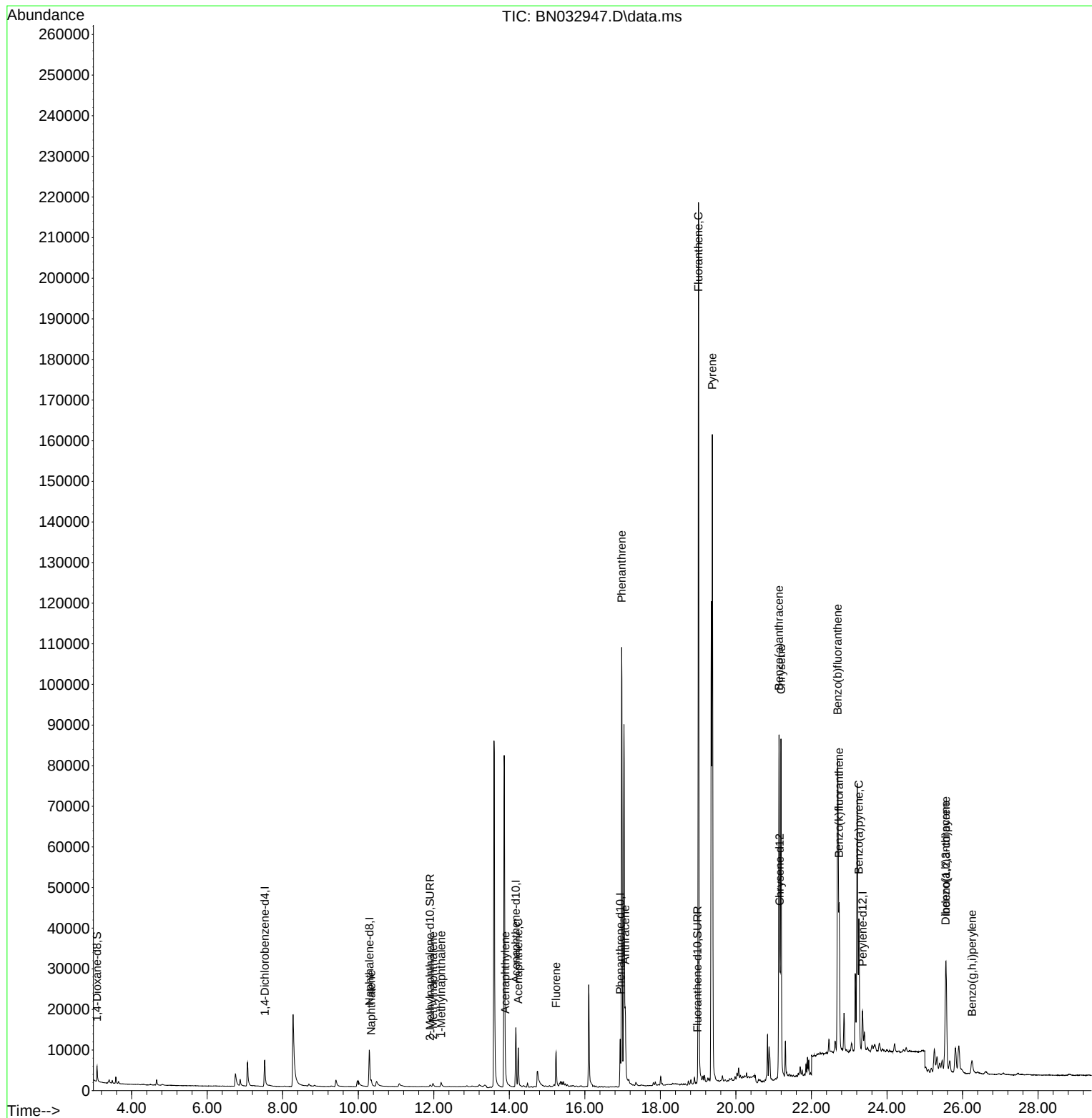
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032947.D
Acq On : 24 Jul 2024 14:11
Operator : MA/JU
Sample : P3238-08DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

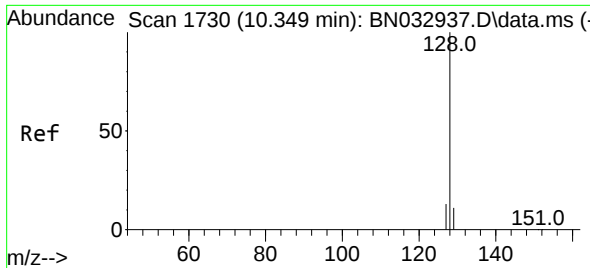
Instrument :
BNA_N
ClientSampleId :
A4BF3DL

Manual Integrations
APPROVED

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

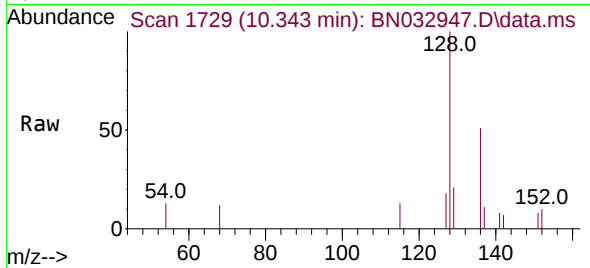
Quant Time: Jul 24 15:22:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

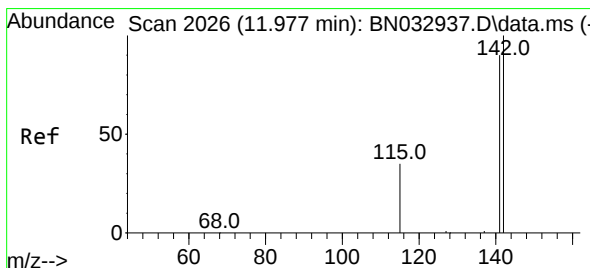
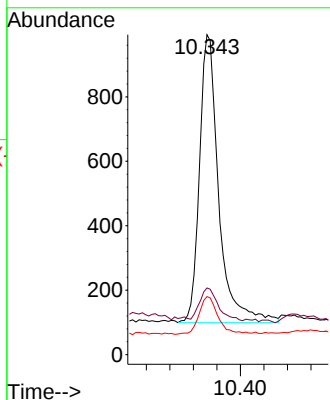
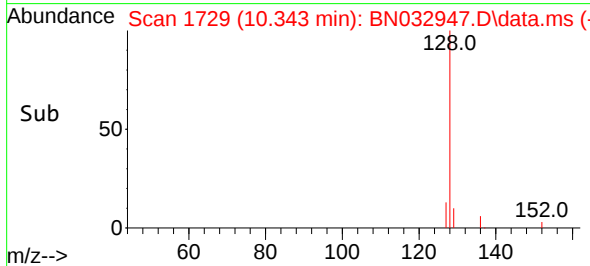
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



Tgt Ion:128 Resp: 2030
Ion Ratio Lower Upper
128 100
129 20.8 10.0 15.0
127 18.1 11.6 17.4

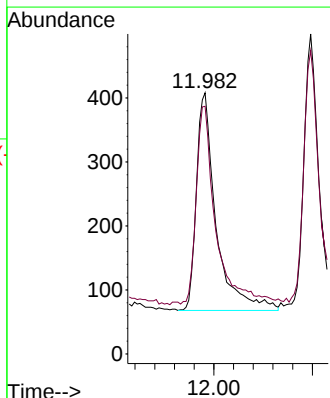
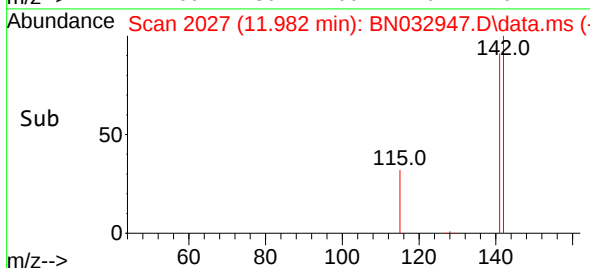
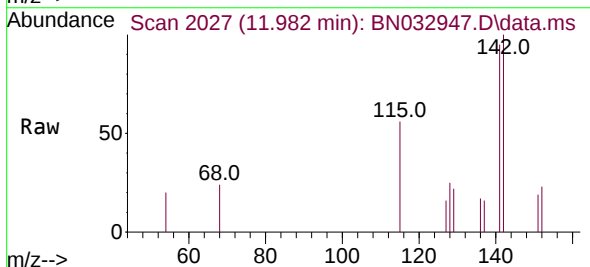
Manual Integrations
APPROVED

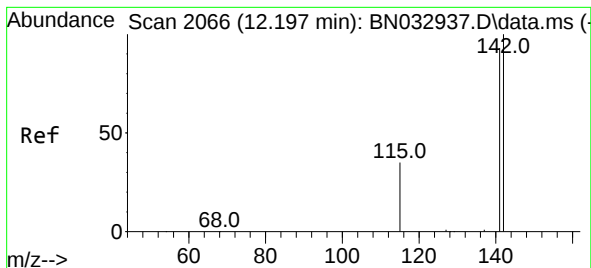
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

Tgt Ion:142 Resp: 945
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.196 min Scan# 2066

Delta R.T. -0.015 min

Lab File: BN032947.D

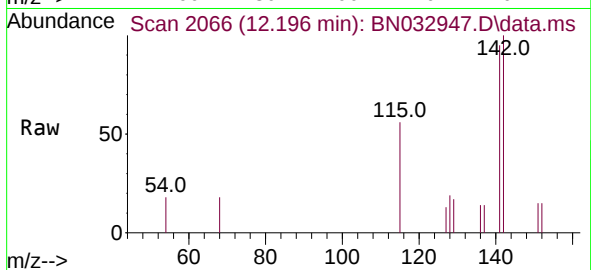
Acq: 24 Jul 2024 14:11

Instrument :

BNA_N

ClientSampleId :

A4BF3DL



Tgt Ion:142 Resp: 894

Ion Ratio Lower Upper

142 100

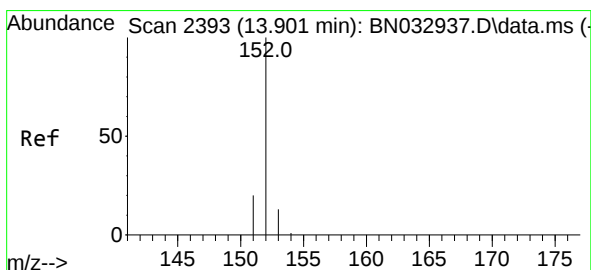
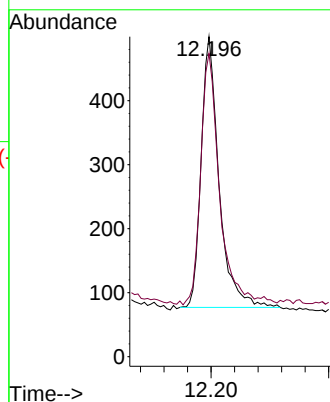
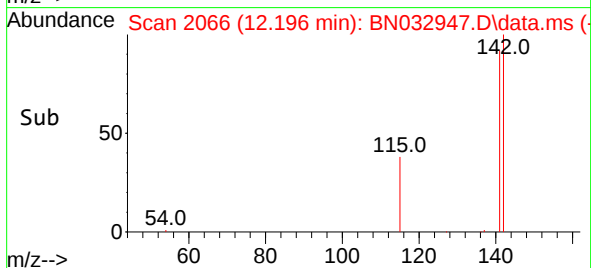
141 97.7 75.0 112.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#10

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.897 min Scan# 2392

Delta R.T. -0.017 min

Lab File: BN032947.D

Acq: 24 Jul 2024 14:11

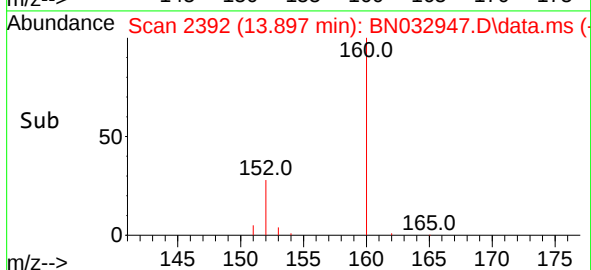
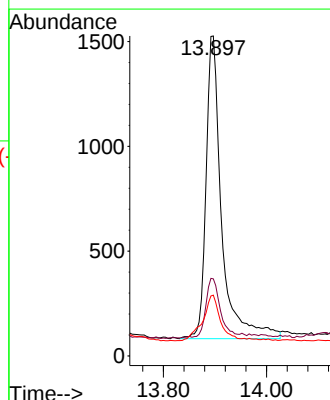
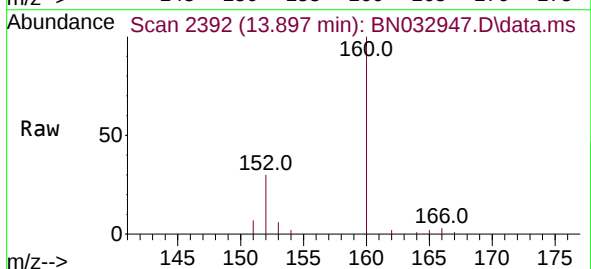
Tgt Ion:152 Resp: 3042

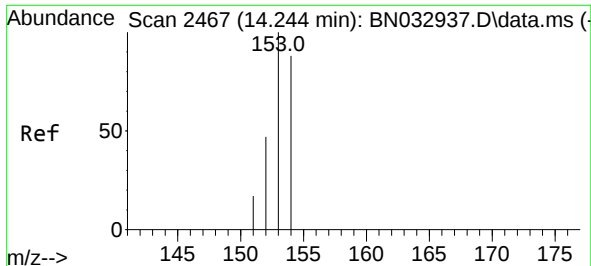
Ion Ratio Lower Upper

152 100

151 24.1 16.3 24.5

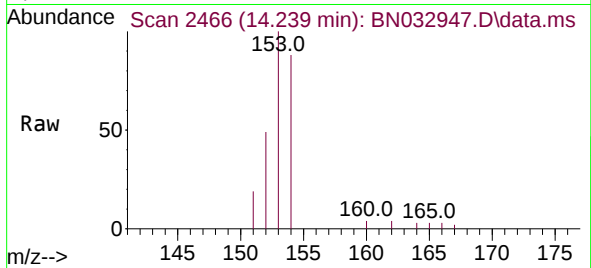
153 19.0 11.3 16.9#





#11
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

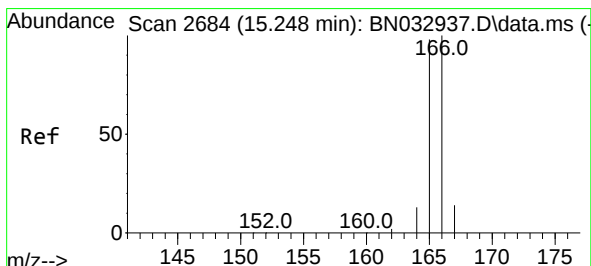
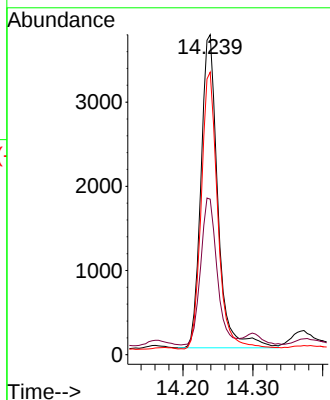
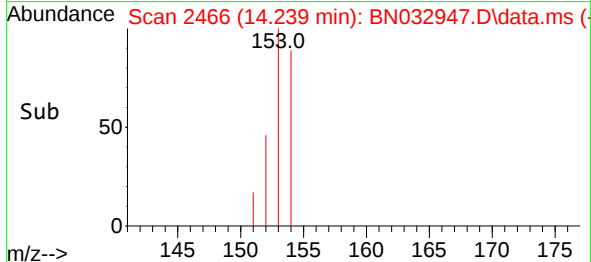
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



Tgt Ion:153 Resp: 625
Ion Ratio Lower Upper
153 100
152 48.6 40.0 60.0
154 88.3 70.2 105.4

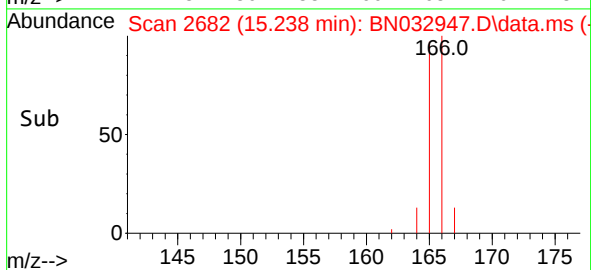
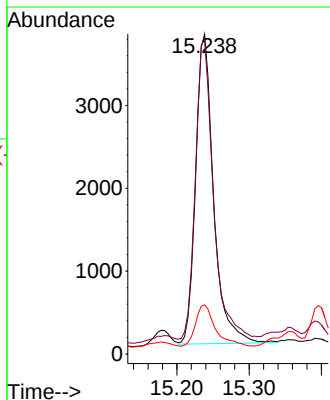
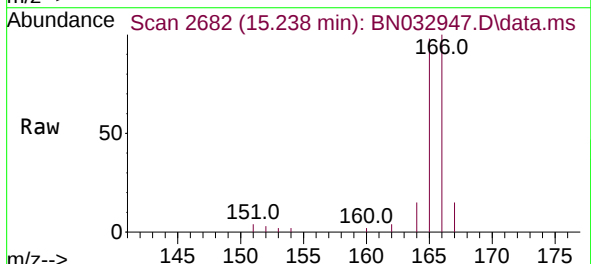
Manual Integrations
APPROVED

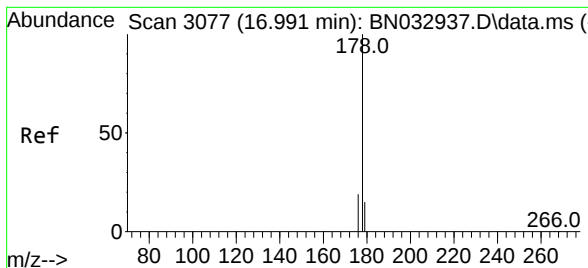
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.188 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

Tgt Ion:166 Resp: 6474
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 15.4 11.4 17.2





#15

Phenanthrene

Concen: 3.140 ng/ul

RT: 16.978 min Scan# 3074

Delta R.T. -0.024 min

Lab File: BN032947.D

Acq: 24 Jul 2024 14:11

Instrument :

BNA_N

ClientSampleId :

A4BF3DL

Tgt Ion:178 Resp: 125128

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.4

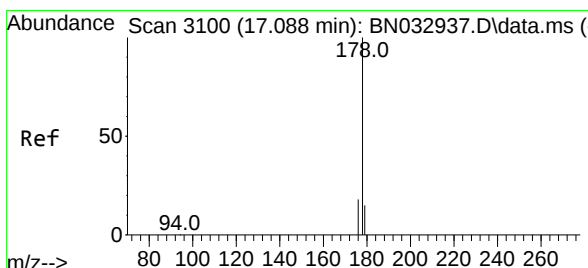
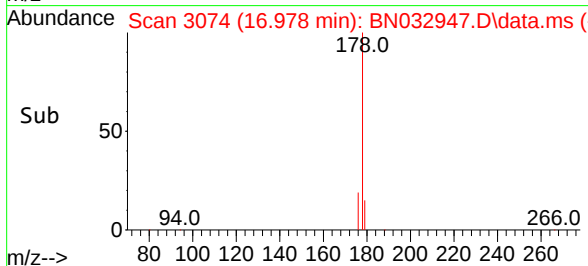
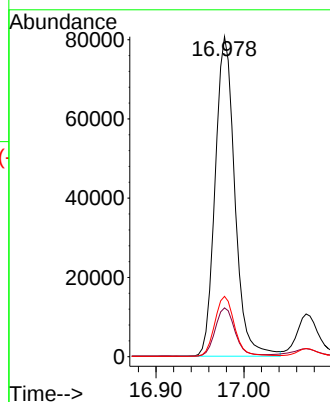
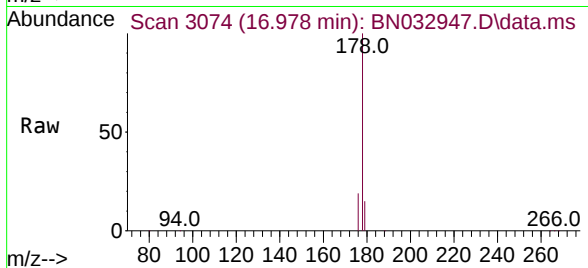
176 18.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#16

Anthracene

Concen: 0.582 ng/ul

RT: 17.071 min Scan# 3096

Delta R.T. -0.028 min

Lab File: BN032947.D

Acq: 24 Jul 2024 14:11

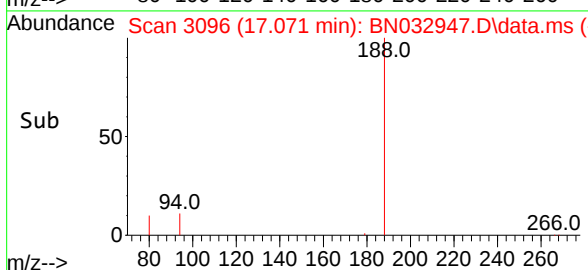
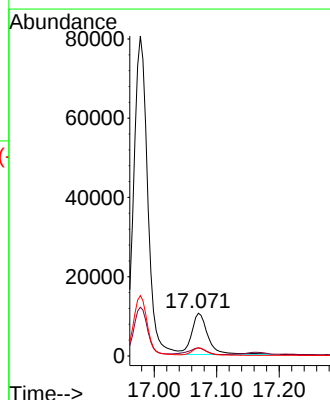
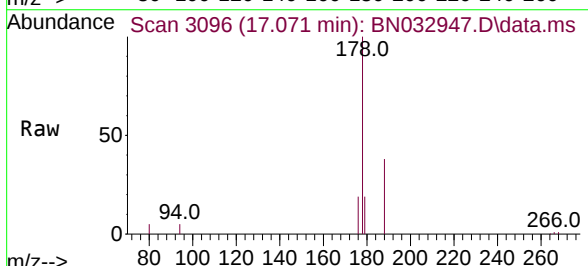
Tgt Ion:178 Resp: 18946

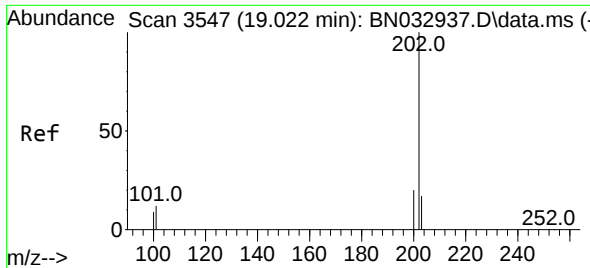
Ion Ratio Lower Upper

178 100

179 18.7 13.4 20.2

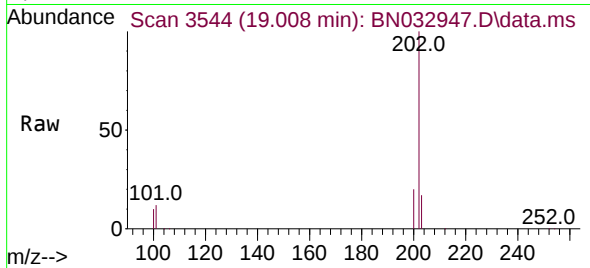
176 19.1 15.4 23.0





#19
Fluoranthene
Concen: 4.417 ng/ul
RT: 19.008 min Scan# 3547
Delta R.T. -0.017 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

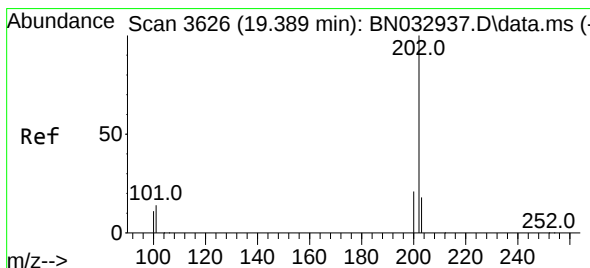
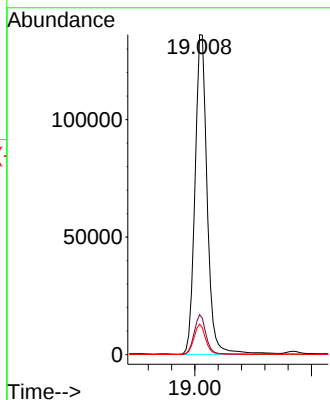
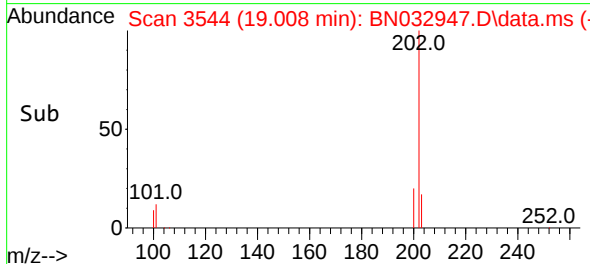
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



Tgt Ion:202 Resp: 196780
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.5 7.9 11.9

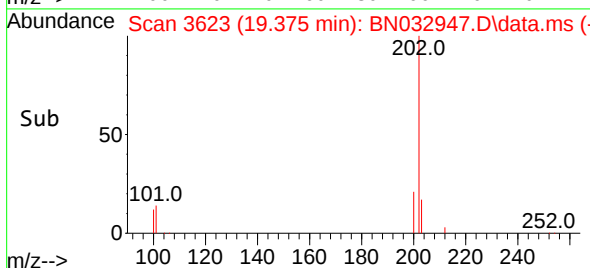
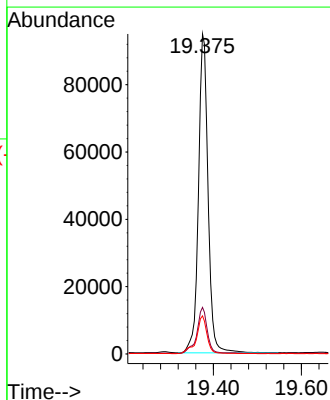
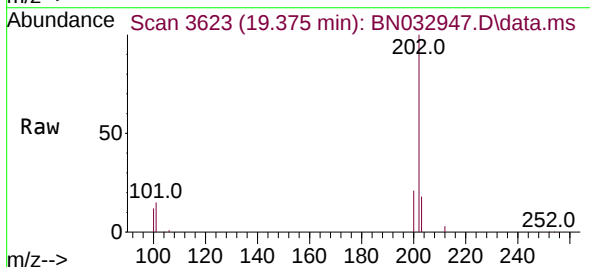
Manual Integrations
APPROVED

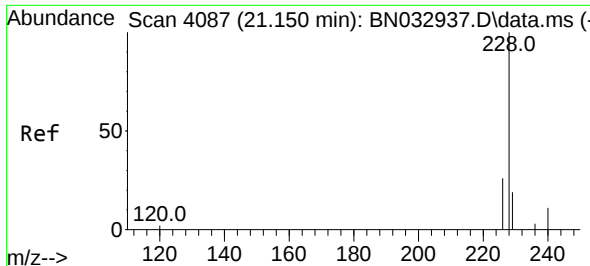
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.110 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

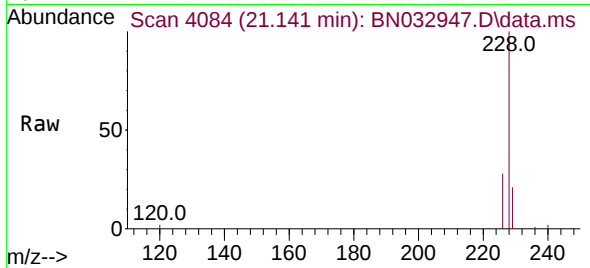
Tgt Ion:202 Resp: 143407
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.176 ng/ul
RT: 21.141 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

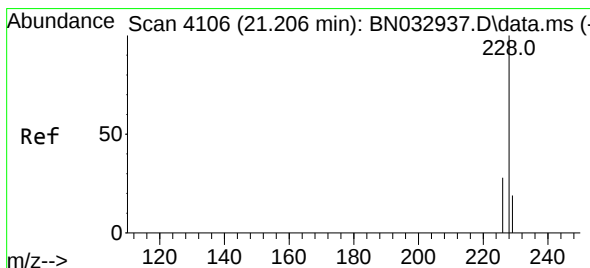
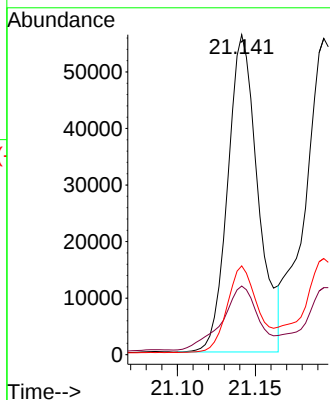
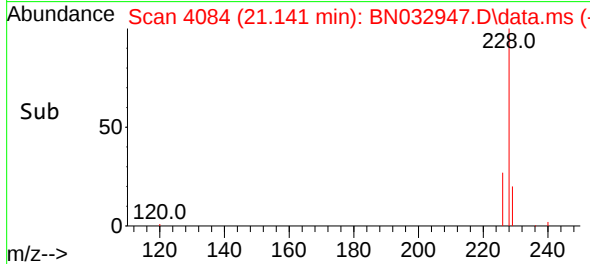
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



Tgt Ion:228 Resp: 7590
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 27.7 21.9 32.9

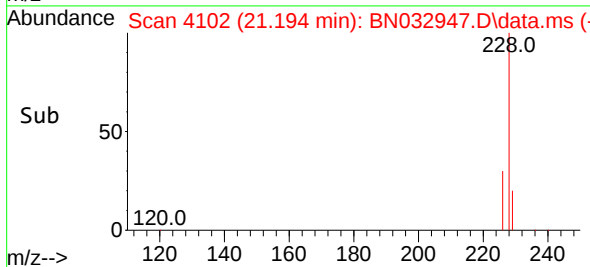
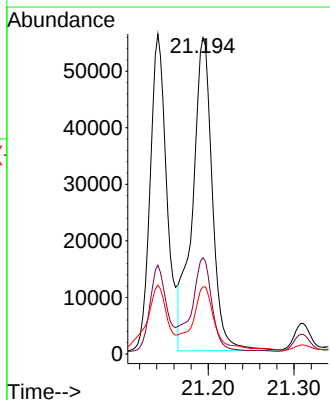
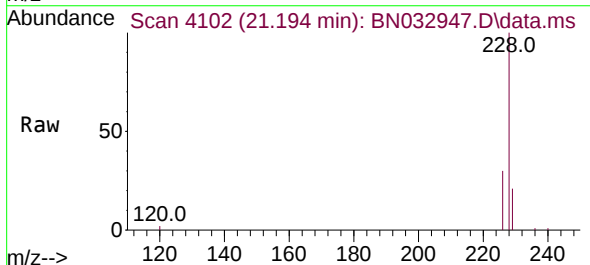
Manual Integrations
APPROVED

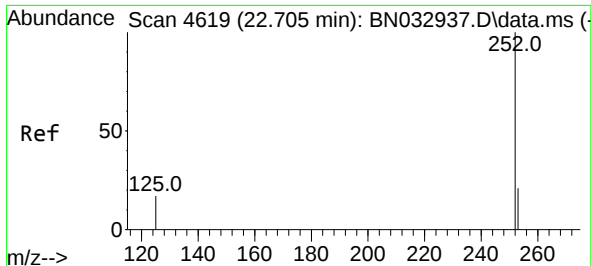
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.766 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

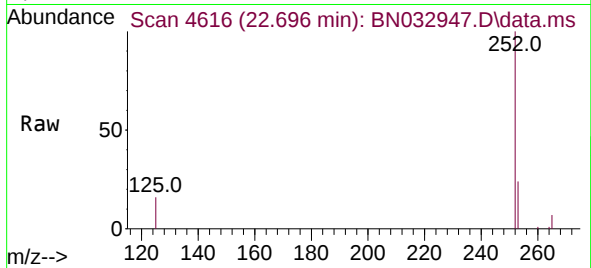
Tgt Ion:228 Resp: 89099
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.469 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

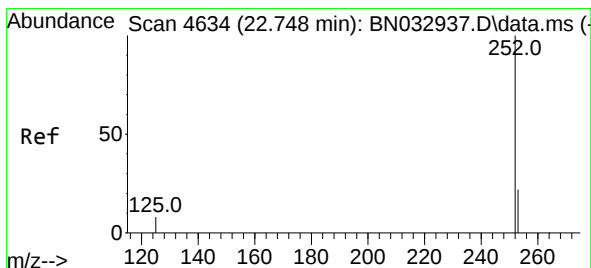
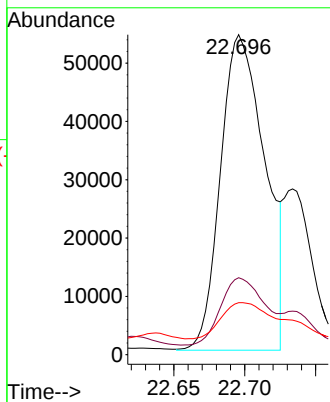
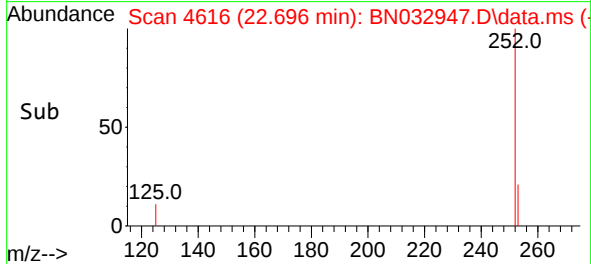
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



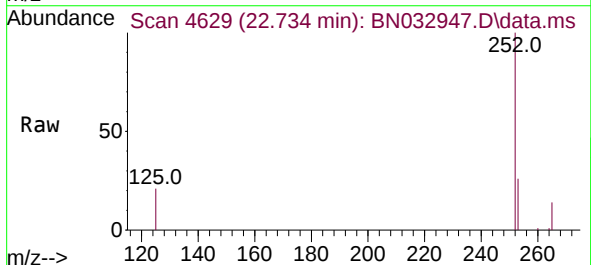
Tgt Ion:252 Resp: 118140
Ion Ratio Lower Upper
252 100
253 24.1 0.0 54.0
125 16.3 0.0 36.0

Manual Integrations
APPROVED

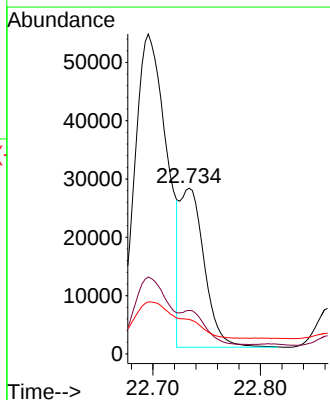
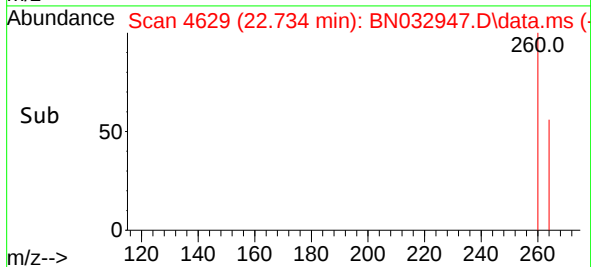
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

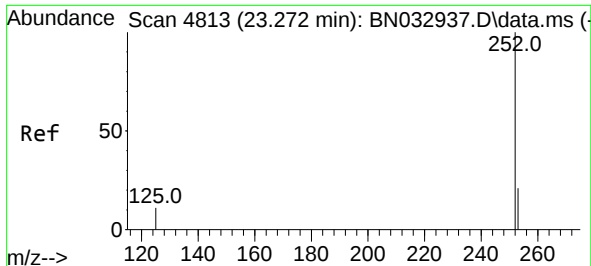


#25
Benzo(k)fluoranthene
Concen: 0.738 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11



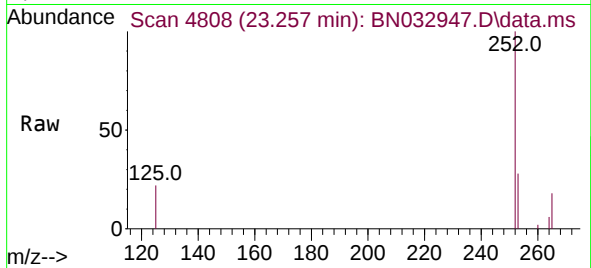
Tgt Ion:252 Resp: 43060
Ion Ratio Lower Upper
252 100
253 26.3 21.2 31.8
125 20.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.067 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.006 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

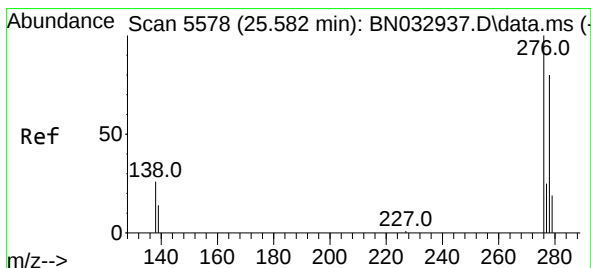
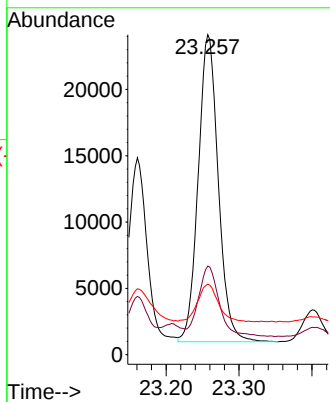
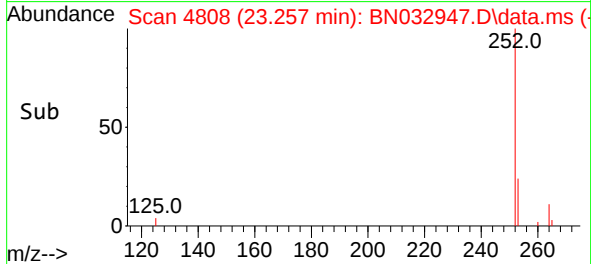
Instrument :
BNA_N
ClientSampleId :
A4BF3DL



Tgt Ion:252 Resp: 44175
Ion Ratio Lower Upper
252 100
253 27.7 25.4 38.0
125 22.1 20.6 30.8

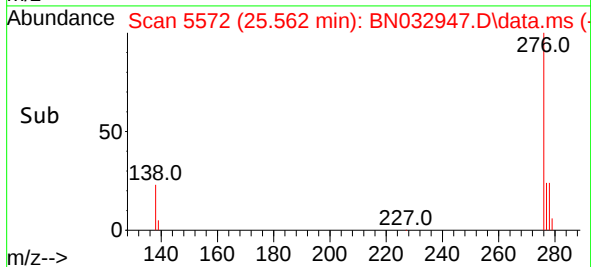
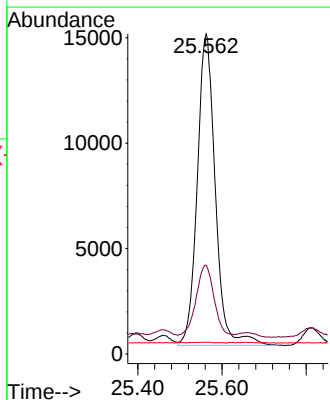
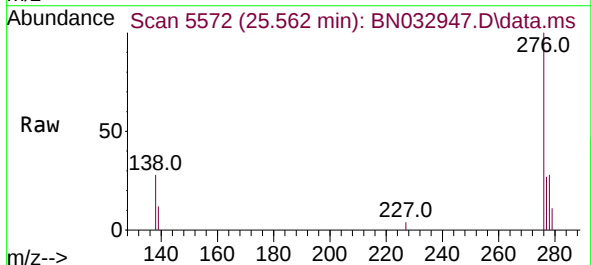
Manual Integrations
APPROVED

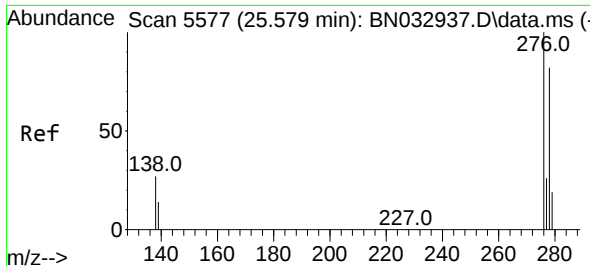
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.784 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.007 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

Tgt Ion:276 Resp: 43954
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.1 0.0 0.0#





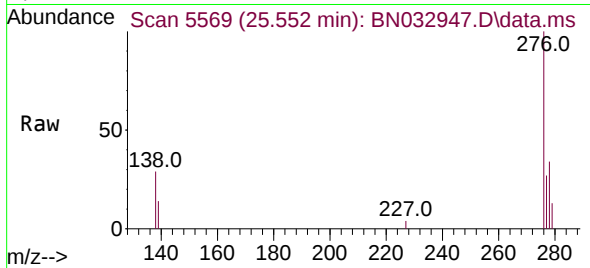
#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

Instrument :

BNA_N

ClientSampleId :

A4BF3DL



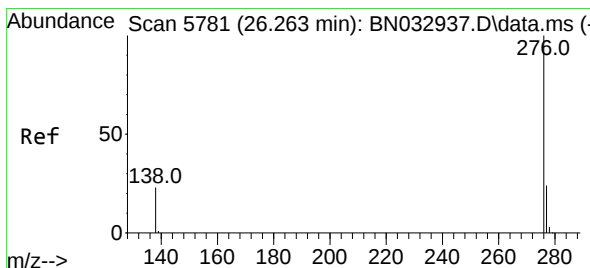
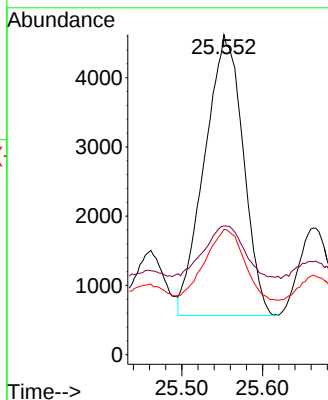
Tgt Ion:278 Resp: 13450
Ion Ratio Lower Upper
278 100
139 40.2 16.6 24.8#
279 39.1 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.133 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.000 min
Lab File: BN032947.D
Acq: 24 Jul 2024 14:11

Tgt Ion:276 Resp: 6239
Ion Ratio Lower Upper
276 100
138 56.3 21.0 31.4#
277 47.3 20.6 31.0#

