

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032911.D
 Acq On : 23 Jul 2024 15:19
 Operator : MA/JU
 Sample : P3178-11DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 16:10:10 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	7.523	152	5217	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	17190	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10268	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	16379	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	12450	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	15735	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3545	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	1069	0.041	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1588	0.039	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1192	0.026	ng/ul#	78
10) Acenaphthylene	13.897	152	1447	0.035	ng/ul#	86
15) Phenanthrene	16.978	178	12900	0.289	ng/ul	99
16) Anthracene	17.075	178	2581	0.071	ng/ul#	86
19) Fluoranthene	19.013	202	25060	0.495	ng/ul	99
20) Pyrene	19.375	202	15652	0.299	ng/ul	97
21) Benzo(a)anthracene	21.144	228	11618m	0.293	ng/ul	
22) Chrysene	21.197	228	12096	0.211	ng/ul	95
24) Benzo(b)fluoranthene	22.699	252	17911m	0.323	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	7629m	0.113	ng/ul	
26) Benzo(a)pyrene	23.257	252	5030	0.105	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.566	276	5876	0.090	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.555	278	2338	0.046	ng/ul#	18

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

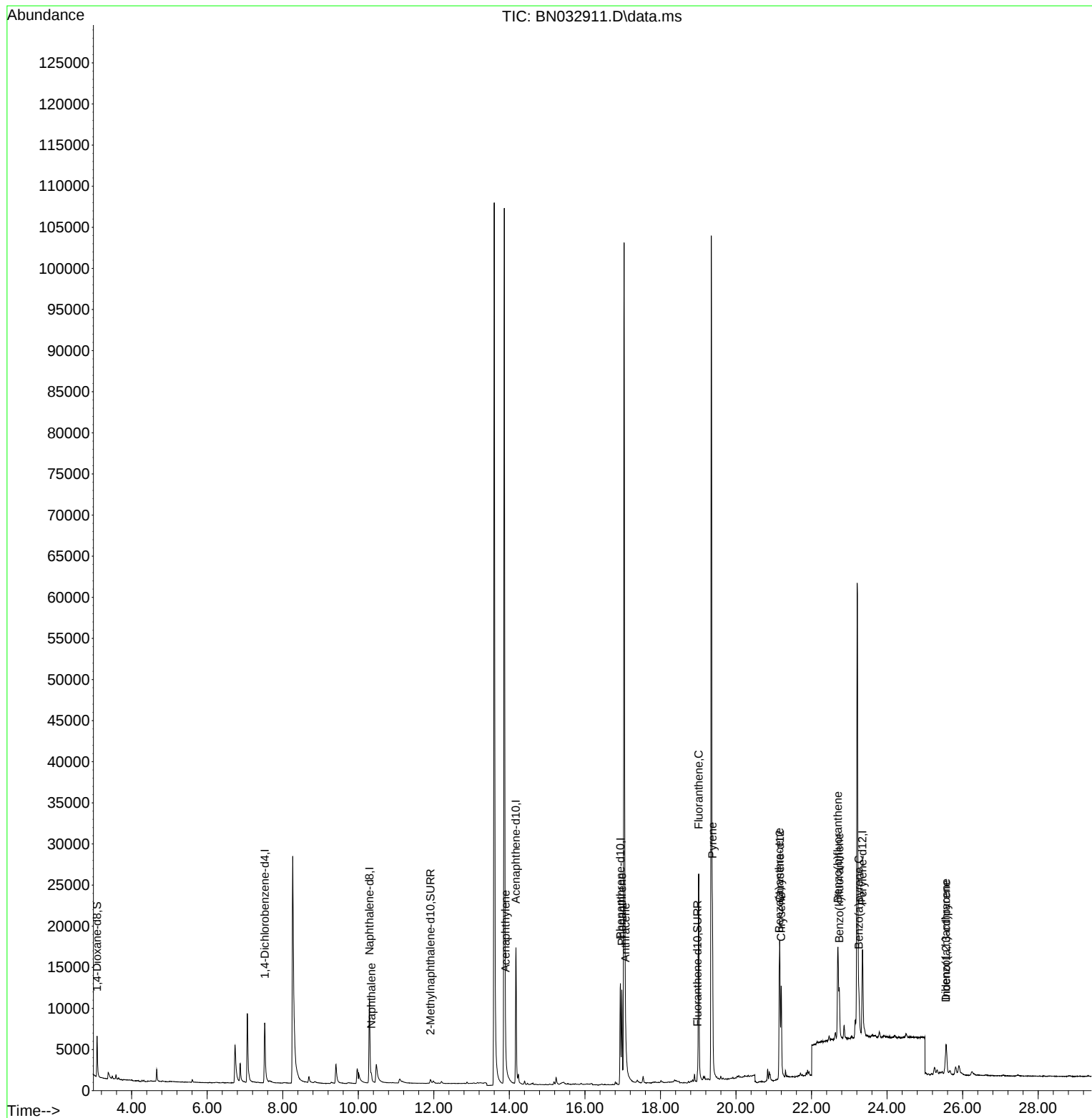
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032911.D
Acq On : 23 Jul 2024 15:19
Operator : MA/JU
Sample : P3178-11DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

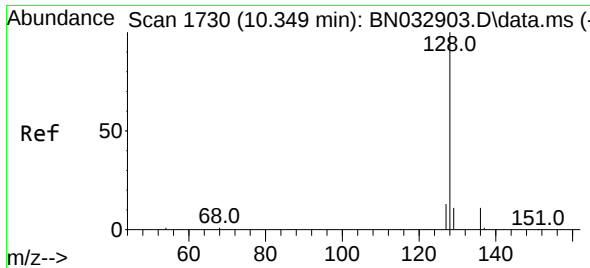
Instrument :
BNA_N
ClientSampleId :
A4BT6DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

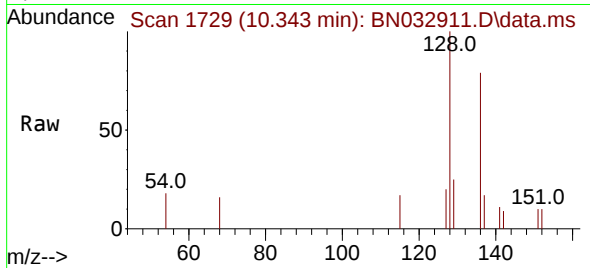
Quant Time: Jul 23 16:10:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/u1
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

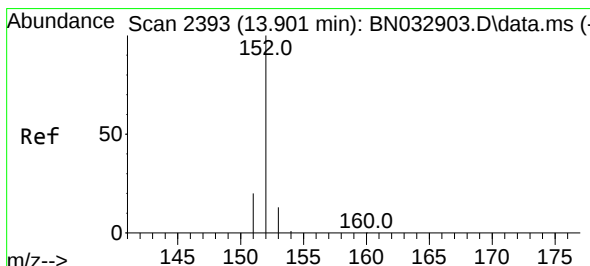
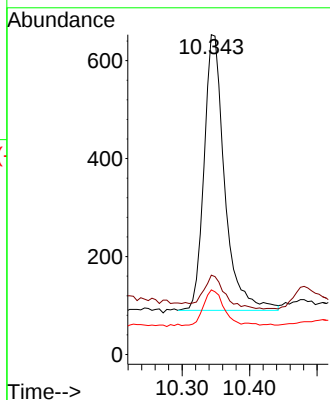
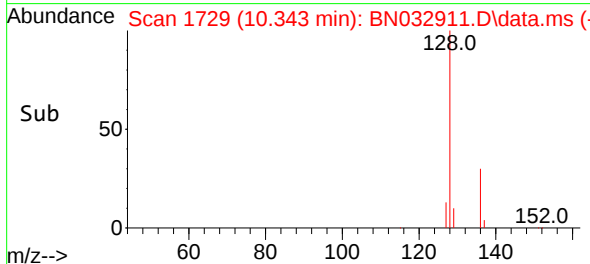
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



Tgt Ion:128 Resp: 1192
Ion Ratio Lower Upper
128 100
129 24.8 10.0 15.0#
127 20.2 11.6 17.4#

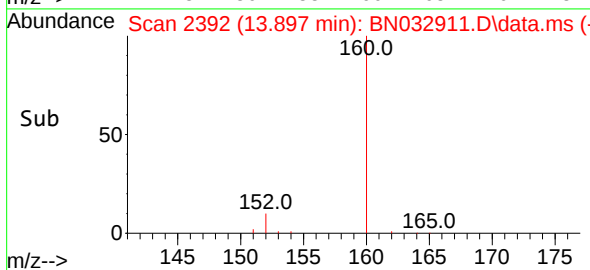
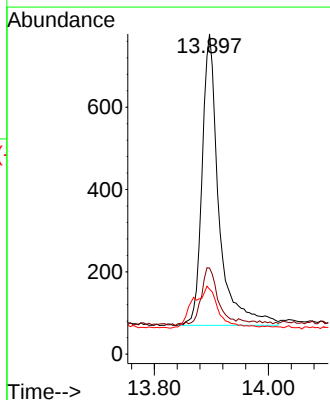
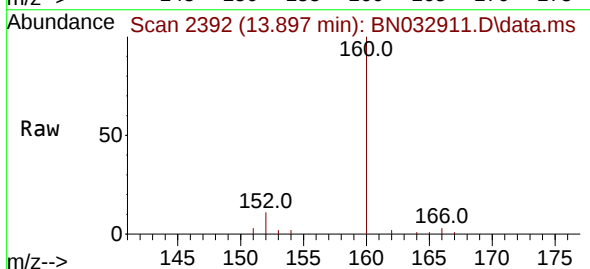
Manual Integrations
APPROVED

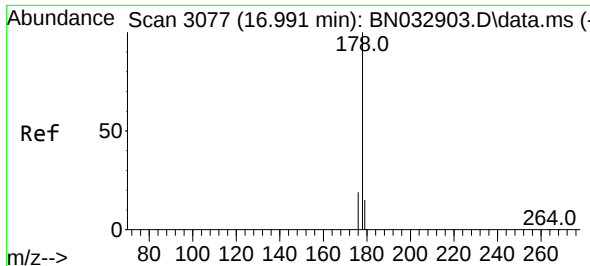
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

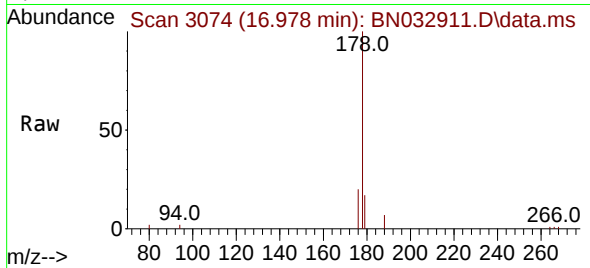
Tgt Ion:152 Resp: 1447
Ion Ratio Lower Upper
152 100
151 26.9 16.3 24.5#
153 20.3 11.3 16.9#





#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 16.978 min Scan# 3077
Delta R.T. -0.024 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

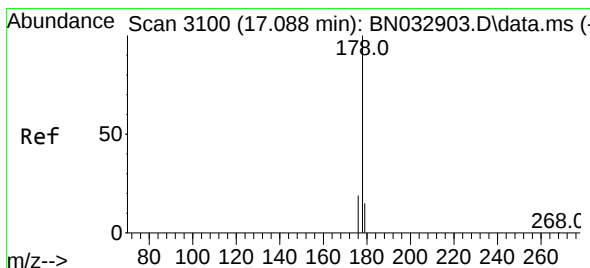
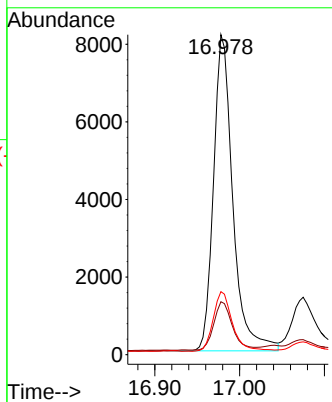
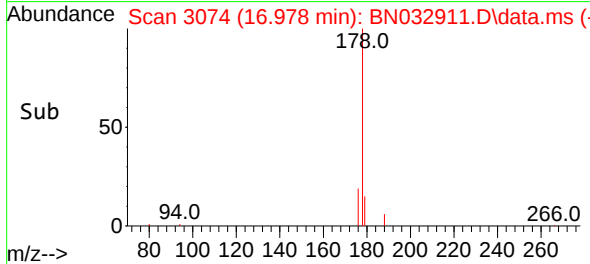
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



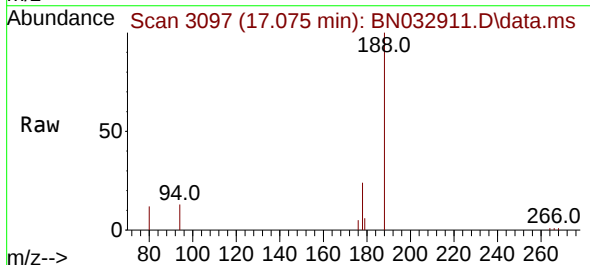
Tgt Ion:178 Resp: 12900
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.7 15.6 23.4

Manual Integrations
APPROVED

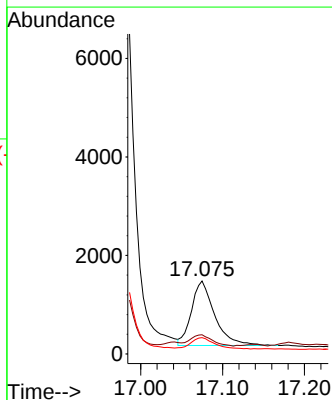
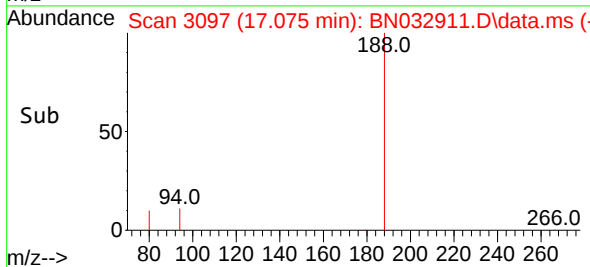
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

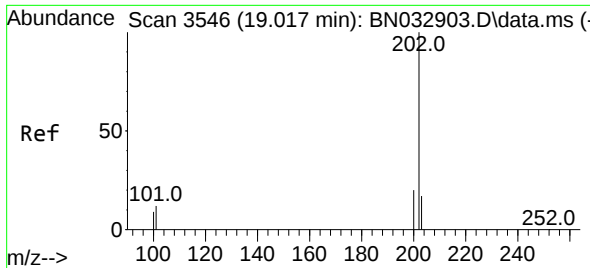


#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19



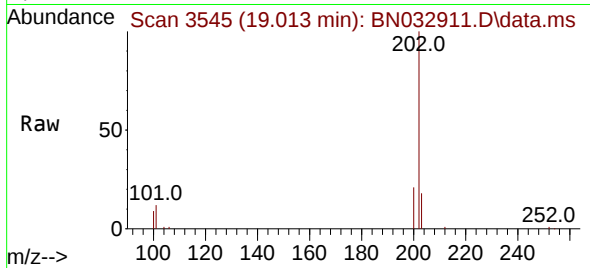
Tgt Ion:178 Resp: 2581
Ion Ratio Lower Upper
178 100
179 26.3 13.4 20.2#
176 22.3 15.4 23.0





#19
Fluoranthene
Concen: 0.495 ng/u1
RT: 19.013 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

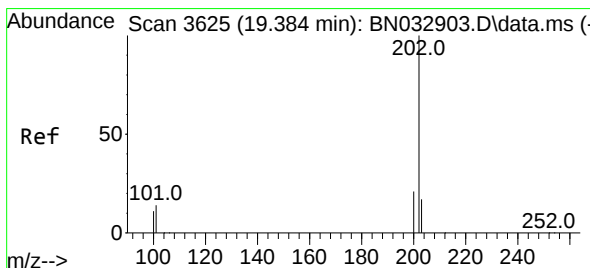
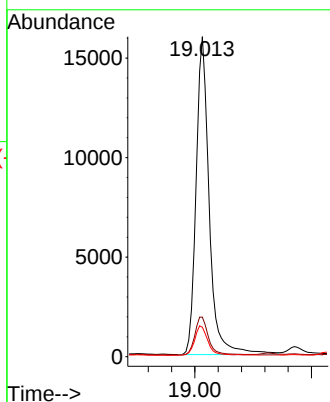
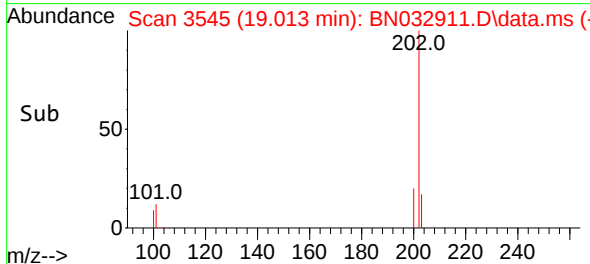
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



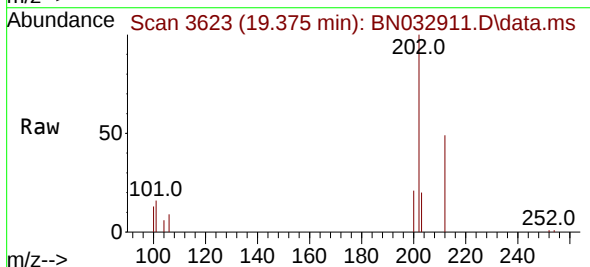
Tgt Ion:202 Resp: 25060
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.2 7.9 11.9

Manual Integrations
APPROVED

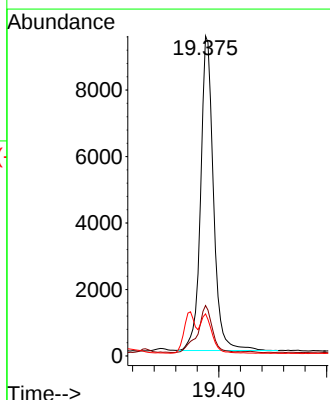
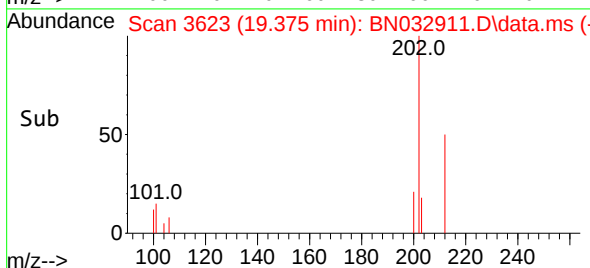
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

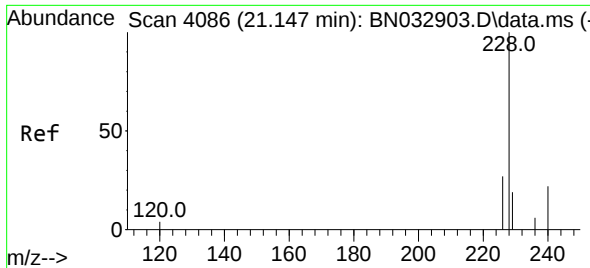


#20
Pyrene
Concen: 0.299 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19



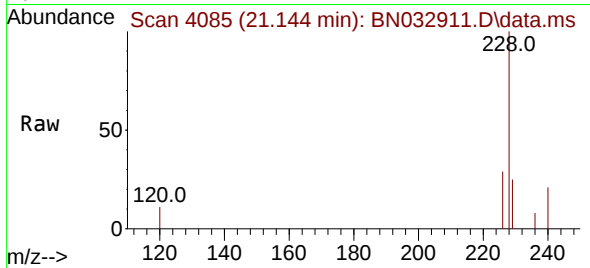
Tgt Ion:202 Resp: 15652
Ion Ratio Lower Upper
202 100
101 15.8 11.8 17.6
100 13.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.293 ng/ul m
RT: 21.144 min Scan# 4086
Delta R.T. -0.006 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

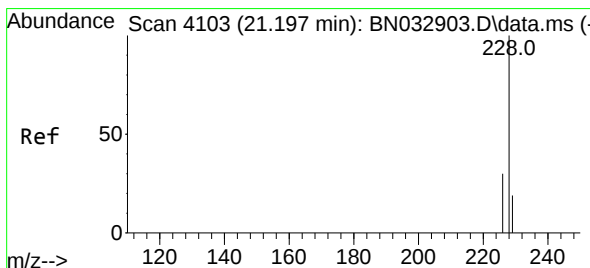
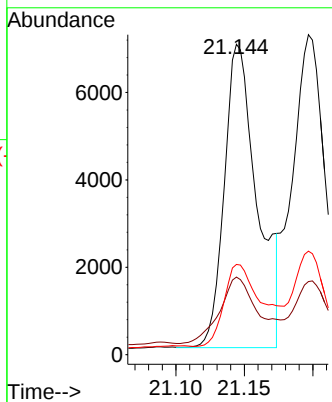
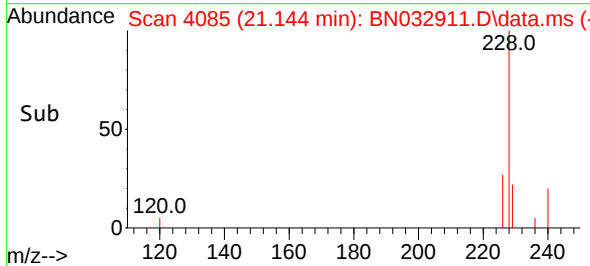
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



Tgt Ion:228 Resp: 11618
Ion Ratio Lower Upper
228 100
229 25.0 16.1 24.1
226 29.1 21.9 32.9

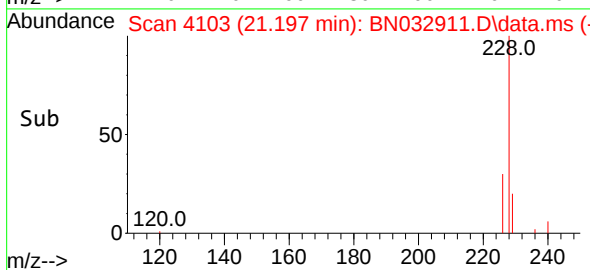
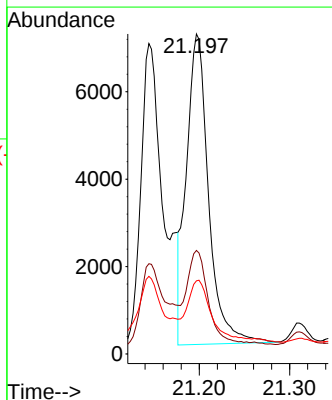
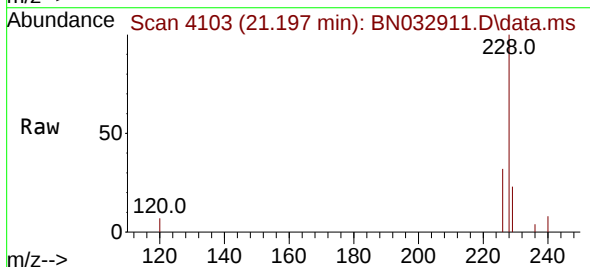
Manual Integrations
APPROVED

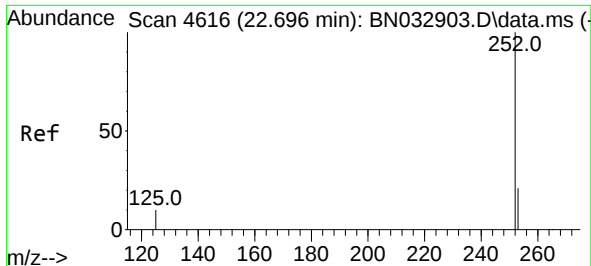
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

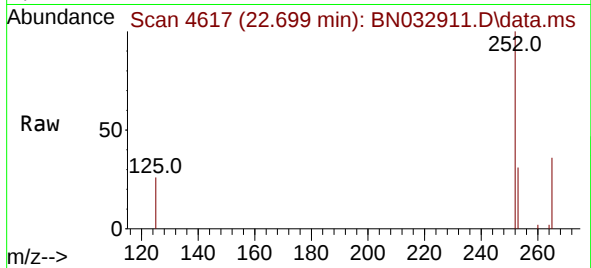
Tgt Ion:228 Resp: 12096
Ion Ratio Lower Upper
228 100
226 32.4 24.0 36.0
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul m
RT: 22.699 min Scan# 4616
Delta R.T. -0.000 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

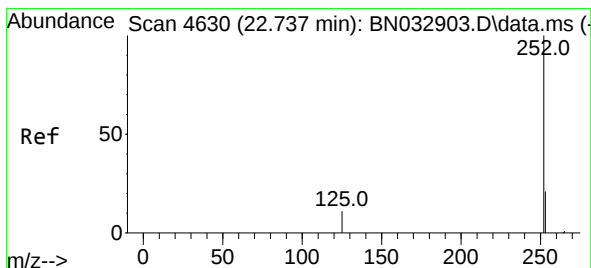
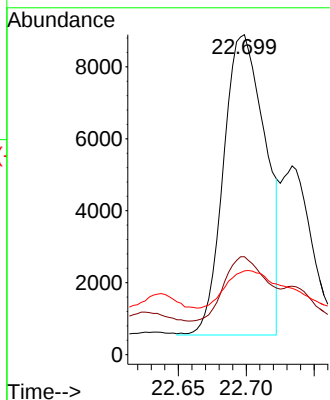
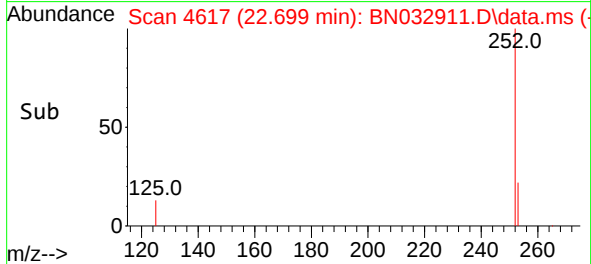
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



Tgt Ion:252 Resp: 1791
Ion Ratio Lower Upper
252 100
253 30.6 0.0 54.0
125 26.2 0.0 36.0

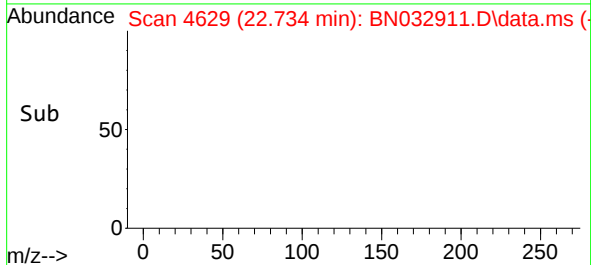
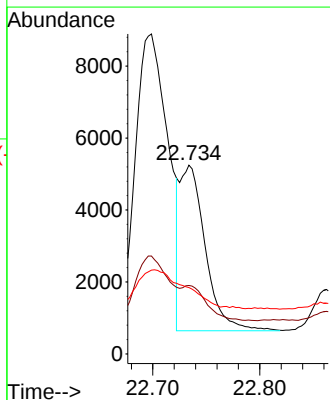
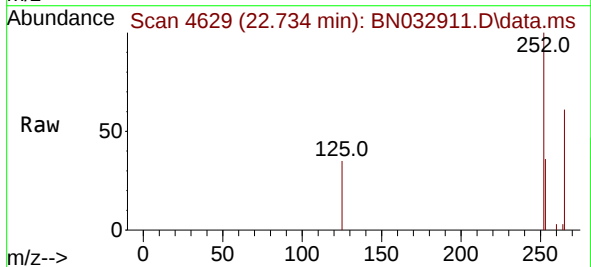
Manual Integrations
APPROVED

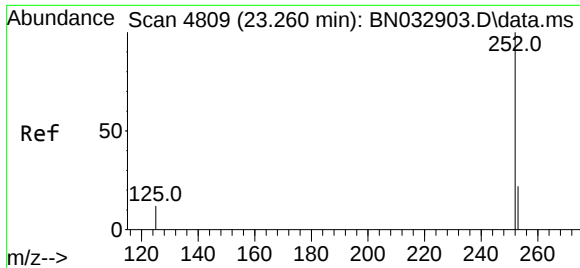
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

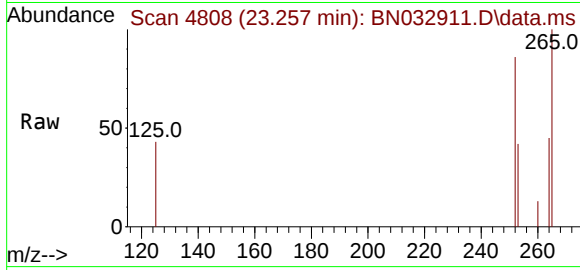
Tgt Ion:252 Resp: 7629
Ion Ratio Lower Upper
252 100
253 36.3 21.2 31.8#
125 35.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.257 min Scan# 4809
Delta R.T. -0.006 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

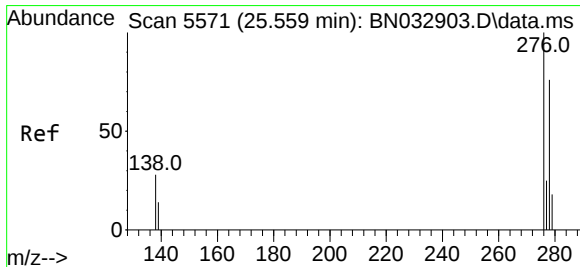
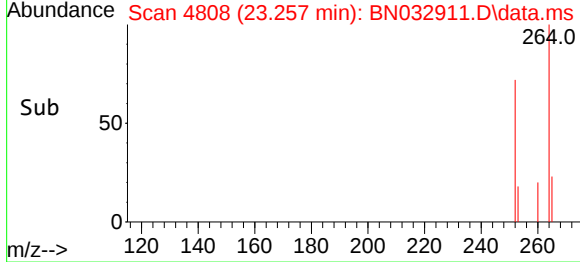
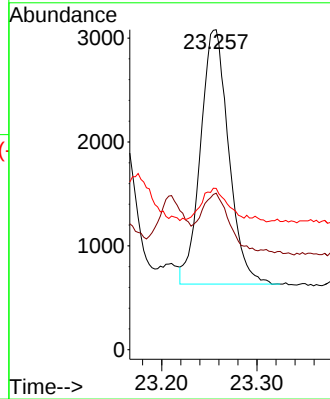
Instrument :
BNA_N
ClientSampleId :
A4BT6DL



Tgt Ion:252 Resp: 5030
Ion Ratio Lower Upper
252 100
253 48.9 25.4 38.0
125 50.4 20.6 30.8

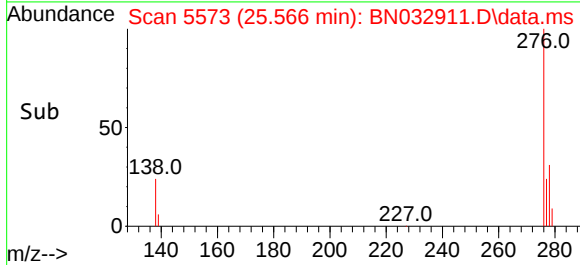
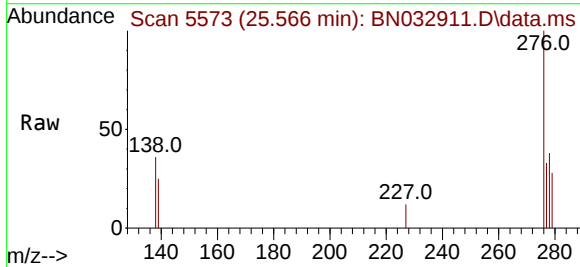
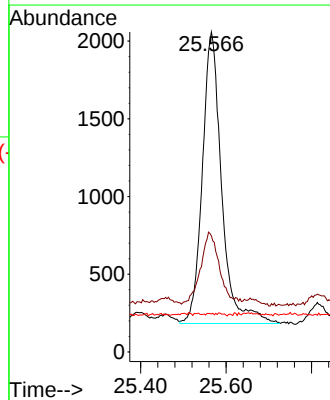
Manual Integrations
APPROVED

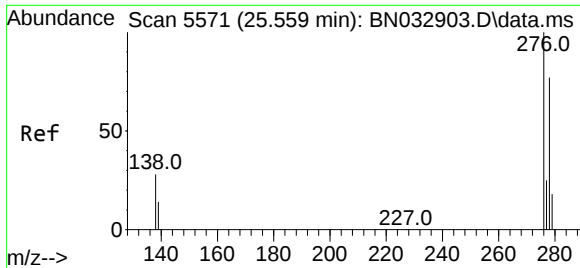
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.004 min
Lab File: BN032911.D
Acq: 23 Jul 2024 15:19

Tgt Ion:276 Resp: 5876
Ion Ratio Lower Upper
276 100
138 25.1 21.6 32.4
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.046 ng/ul

RT: 25.555 min Scan# 51

Delta R.T. -0.014 min

Lab File: BN032911.D

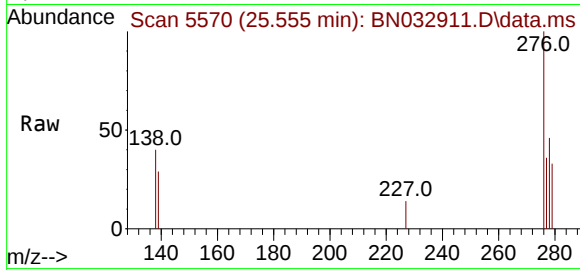
Acq: 23 Jul 2024 15:19

Instrument :

BNA_N

ClientSampleId :

A4BT6DL



Tgt Ion:278 Resp: 2338

Ion Ratio Lower Upper

278 100

139 63.3 16.6 24.8

279 70.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/26/2024

