

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024234.D
 Acq On : 10 Mar 2023 13:21
 Operator : CG/JU
 Sample : 01746-21DL 5X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC6DL

Quant Time: Mar 11 00:08:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	7773	0.400	ng/u1	0.00
4) Naphthalene-d8	10.867	136	23699	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.684	164	13244	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.426	188	27740	0.400	ng/u1	0.00
17) Chrysene-d12	21.618	240	19298	0.400	ng/u1	0.00
23) Perylene-d12	24.117	264	17889	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3936	0.460	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2024	0.072	ng/u1	0.00
18) Fluoranthene-d10	19.450	212	4567	0.089	ng/u1	0.00
Target Compounds						Qvalue
5) Naphthalene	10.916	128	51503	0.871	ng/u1	100
8) 1-Methylnaphthalene	12.737	142	2287	0.061	ng/u1	100
10) Acenaphthylene	14.407	152	8085	0.146	ng/u1#	95
11) Acenaphthene	14.749	153	295679	6.945	ng/u1	97
12) Fluorene	15.730	166	127394	2.680	ng/u1	99
15) Phenanthrene	17.468	178	8993	0.113	ng/u1	96
16) Anthracene	17.561	178	2967m	0.043	ng/u1	
19) Fluoranthene	19.483	202	3956	0.052	ng/u1	97
20) Pyrene	19.845	202	2237m	0.029	ng/u1	

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

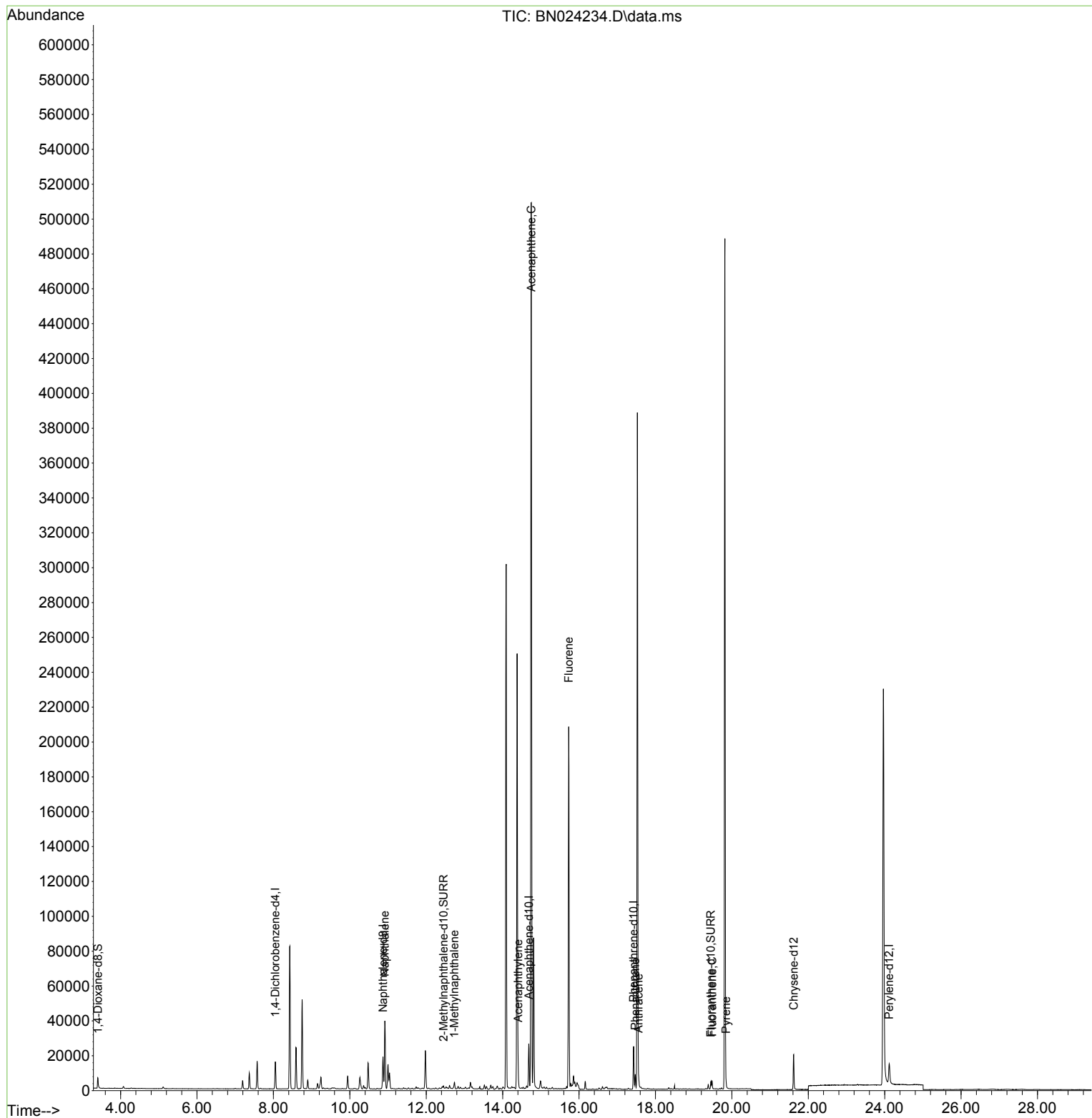
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024234.D
Acq On : 10 Mar 2023 13:21
Operator : CG/JU
Sample : 01746-21DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

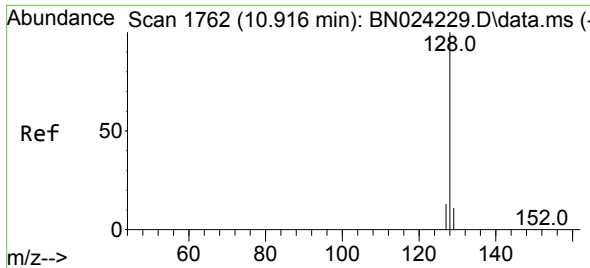
Instrument :
BNA_N
ClientSampleId :
DCAC6DL

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

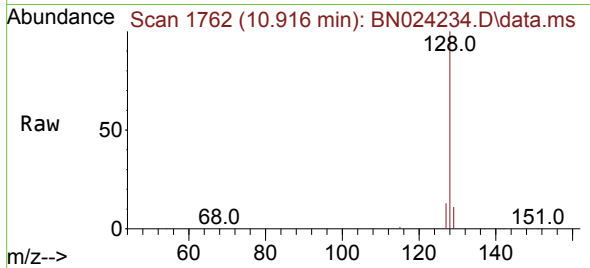
Quant Time: Mar 11 00:08:13 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.871 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024234.D
Acq: 10 Mar 2023 13:21

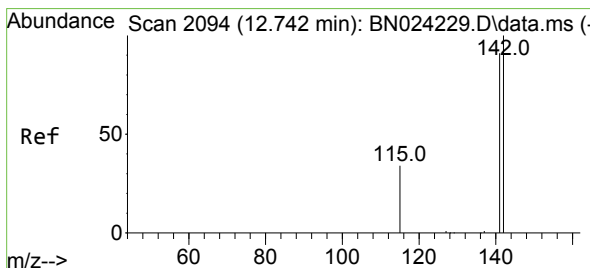
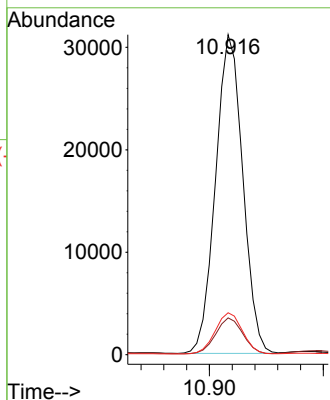
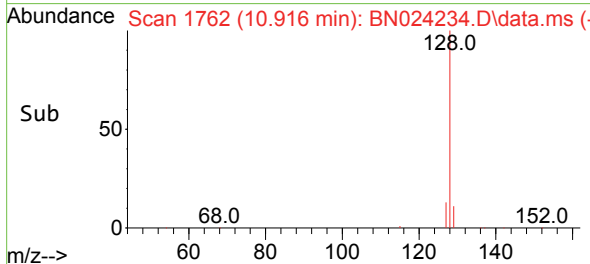
Instrument :
BNA_N
ClientSampleId :
DCAC6DL



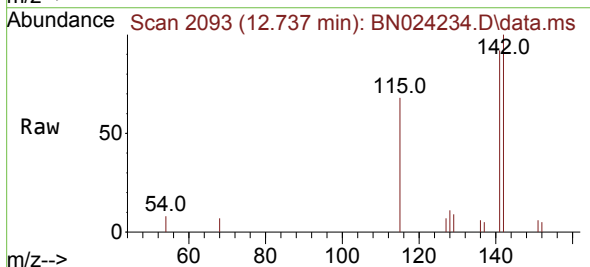
Tgt Ion:128 Resp: 5150
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.1 10.5 15.7

Manual Integrations
APPROVED

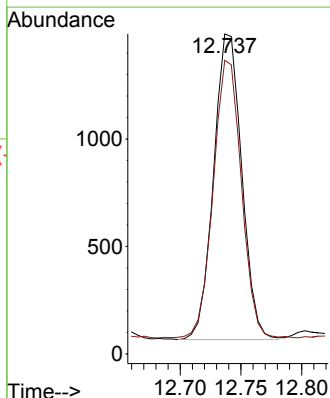
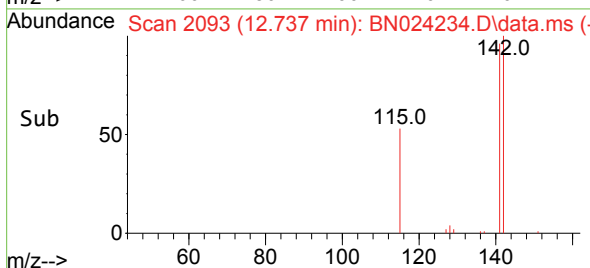
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

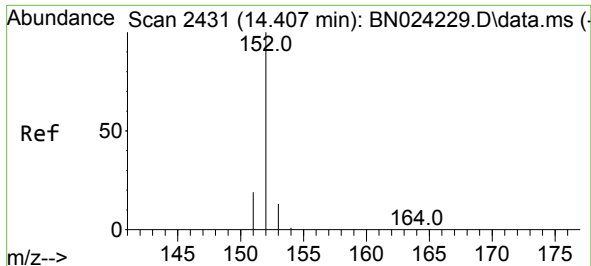


#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.737 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BN024234.D
Acq: 10 Mar 2023 13:21



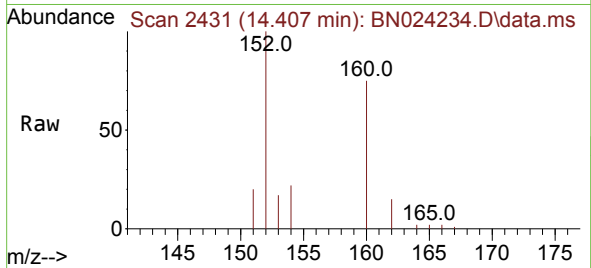
Tgt Ion:142 Resp: 2287
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6





#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024234.D
Acq: 10 Mar 2023 13:21

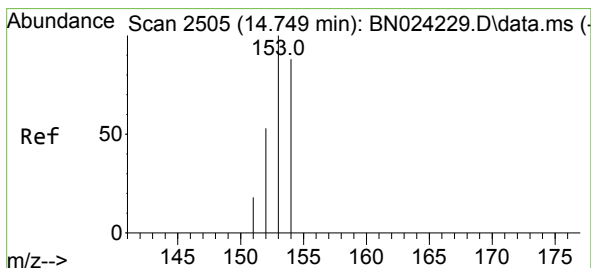
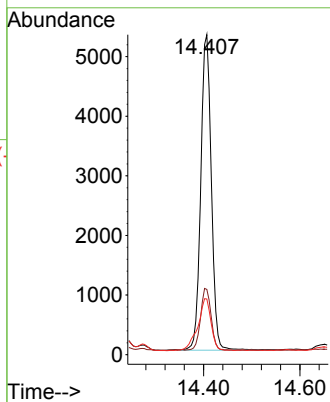
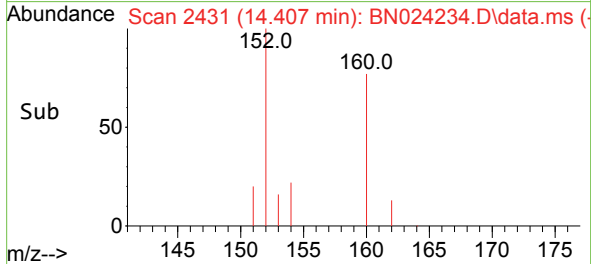
Instrument :
BNA_N
ClientSampleId :
DCAC6DL



Tgt Ion:152 Resp: 8085
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 17.4 10.6 16.0

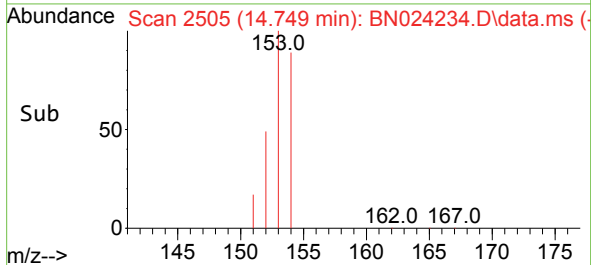
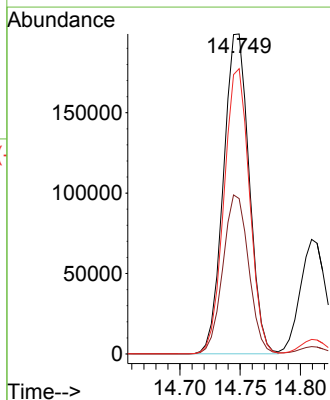
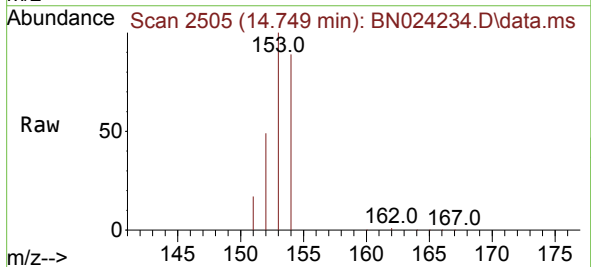
Manual Integrations
APPROVED

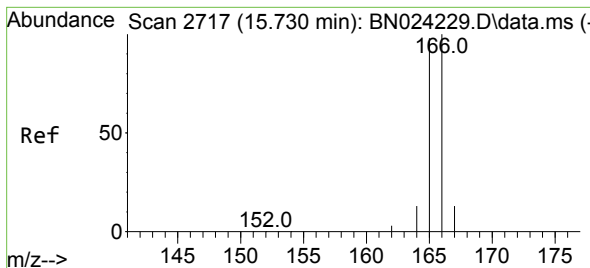
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#11
Acenaphthene
Concen: 6.945 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024234.D
Acq: 10 Mar 2023 13:21

Tgt Ion:153 Resp: 295679
Ion Ratio Lower Upper
153 100
152 48.6 42.6 64.0
154 89.1 70.6 105.8





#12

Fluorene

Concen: 2.680 ng/u1

RT: 15.730 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024234.D

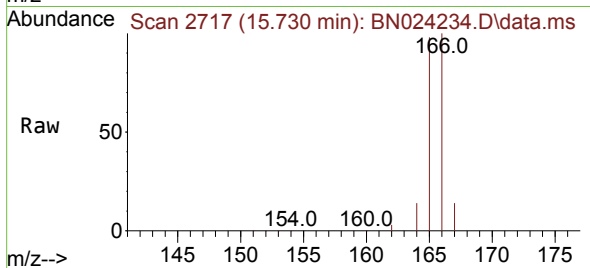
Acq: 10 Mar 2023 13:21

Instrument :

BNA_N

ClientSampleId :

DCAC6DL



Tgt Ion:166 Resp: 127394

Ion Ratio Lower Upper

166 100

165 98.3 77.4 116.0

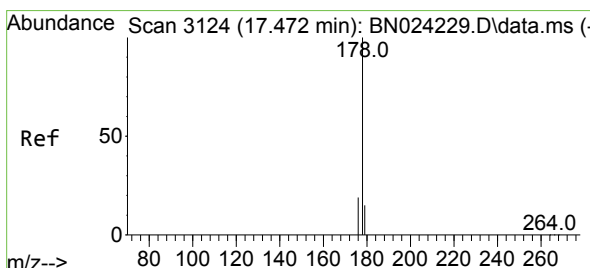
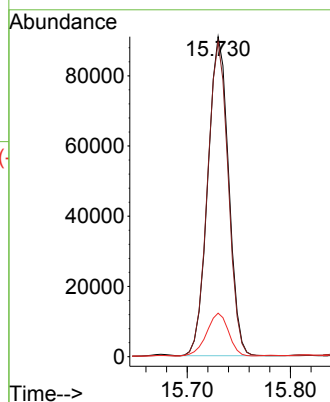
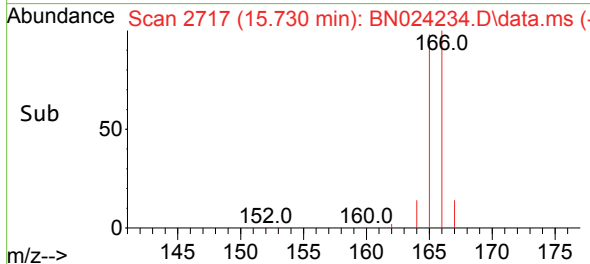
167 13.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#15

Phenanthrene

Concen: 0.113 ng/u1

RT: 17.468 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BN024234.D

Acq: 10 Mar 2023 13:21

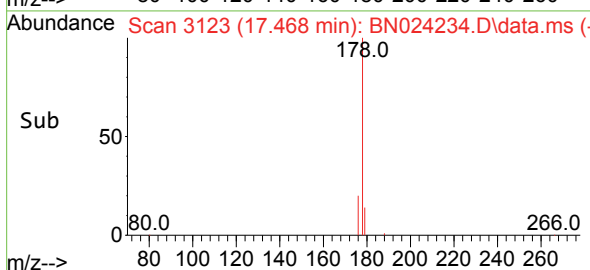
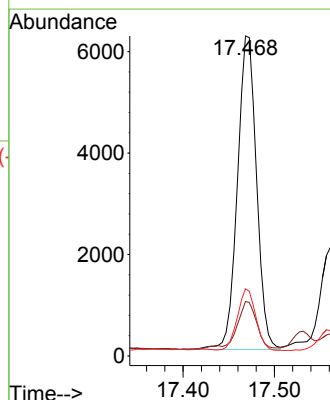
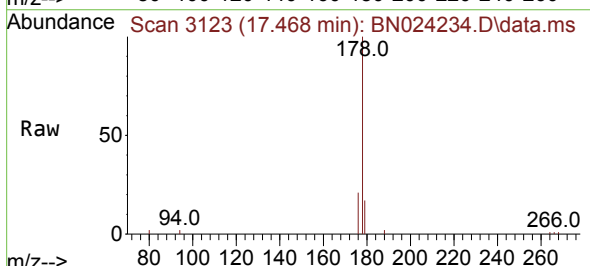
Tgt Ion:178 Resp: 8993

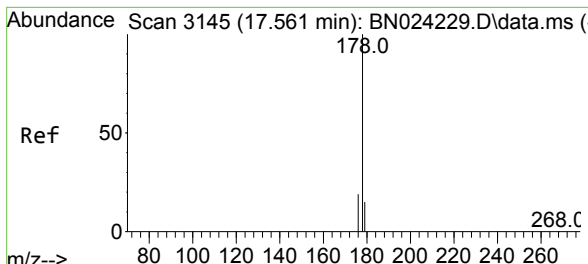
Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.2

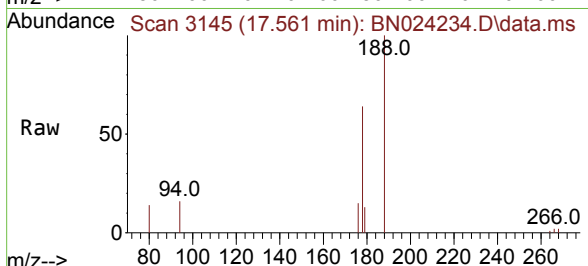
176 21.0 15.7 23.5





#16
 Anthracene
 Concen: 0.043 ng/ul m
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024234.D
 Acq: 10 Mar 2023 13:21

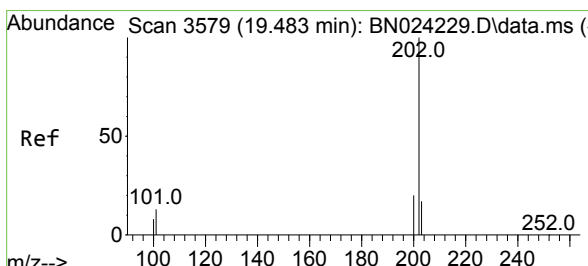
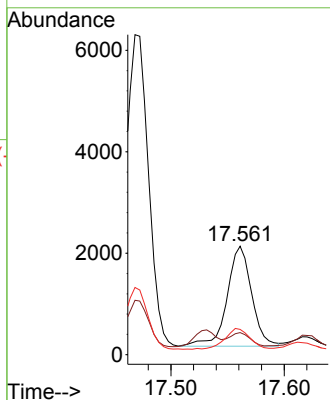
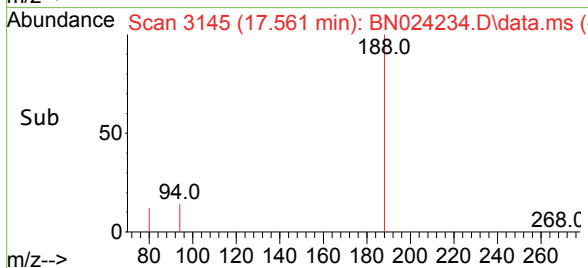
Instrument :
 BNA_N
 ClientSampleId :
 DCAC6DL



Tgt Ion:	178	Resp:	296
Ion Ratio	Lower	Upper	
178	100		
179	20.4	12.3	18.5
176	23.3	15.3	22.9

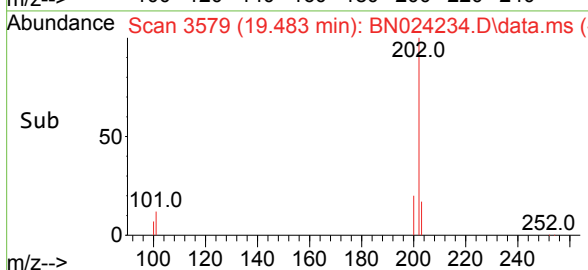
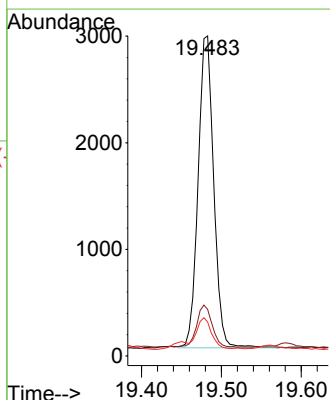
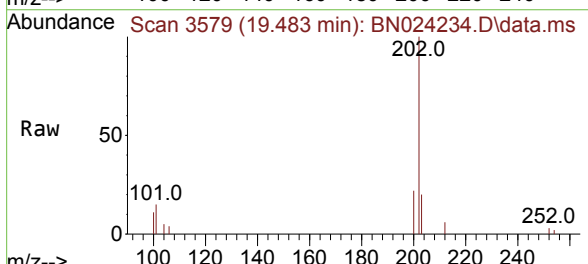
Manual Integrations
 APPROVED

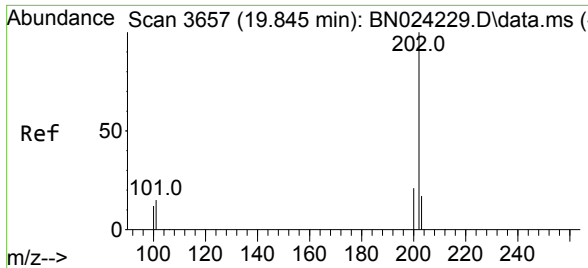
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#19
 Fluoranthene
 Concen: 0.052 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024234.D
 Acq: 10 Mar 2023 13:21

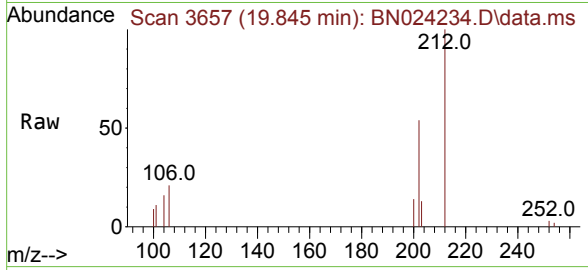
Tgt Ion:	202	Resp:	3956
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.4	15.6
100	10.6	7.7	11.5





#20
Pyrene
Concen: 0.029 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024234.D
Acq: 10 Mar 2023 13:21

Instrument :
BNA_N
ClientSampleId :
DCAC6DL



Tgt Ion:	202	Resp:	223
Ion Ratio	Lower	Upper	
202	100		
101	19.8	12.1	18.1
100	16.9	9.4	14.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

