

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024240.D
 Acq On : 10 Mar 2023 17:08
 Operator : CG/JU
 Sample : 01746-16DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF5DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 11 00:09:08 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	8889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	16418	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	32719	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	21090	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	16755	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3746	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2301	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	4877	0.087	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	10083500	148.118	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	752425	18.218	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	495948	11.426	ng/ul	100
10) Acenaphthylene	14.407	152	76374	1.115	ng/ul	98
11) Acenaphthene	14.749	153	662830	12.560	ng/ul	97
12) Fluorene	15.730	166	317266	5.383	ng/ul	99
14) Pentachlorophenol	17.076	266	77549	8.533	ng/ul#	73
15) Phenanthrene	17.472	178	398662	4.254	ng/ul	100
16) Anthracene	17.561	178	30236	0.368	ng/ul	98
19) Fluoranthene	19.483	202	13147	0.157	ng/ul	97
20) Pyrene	19.845	202	5573m	0.065	ng/ul	

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

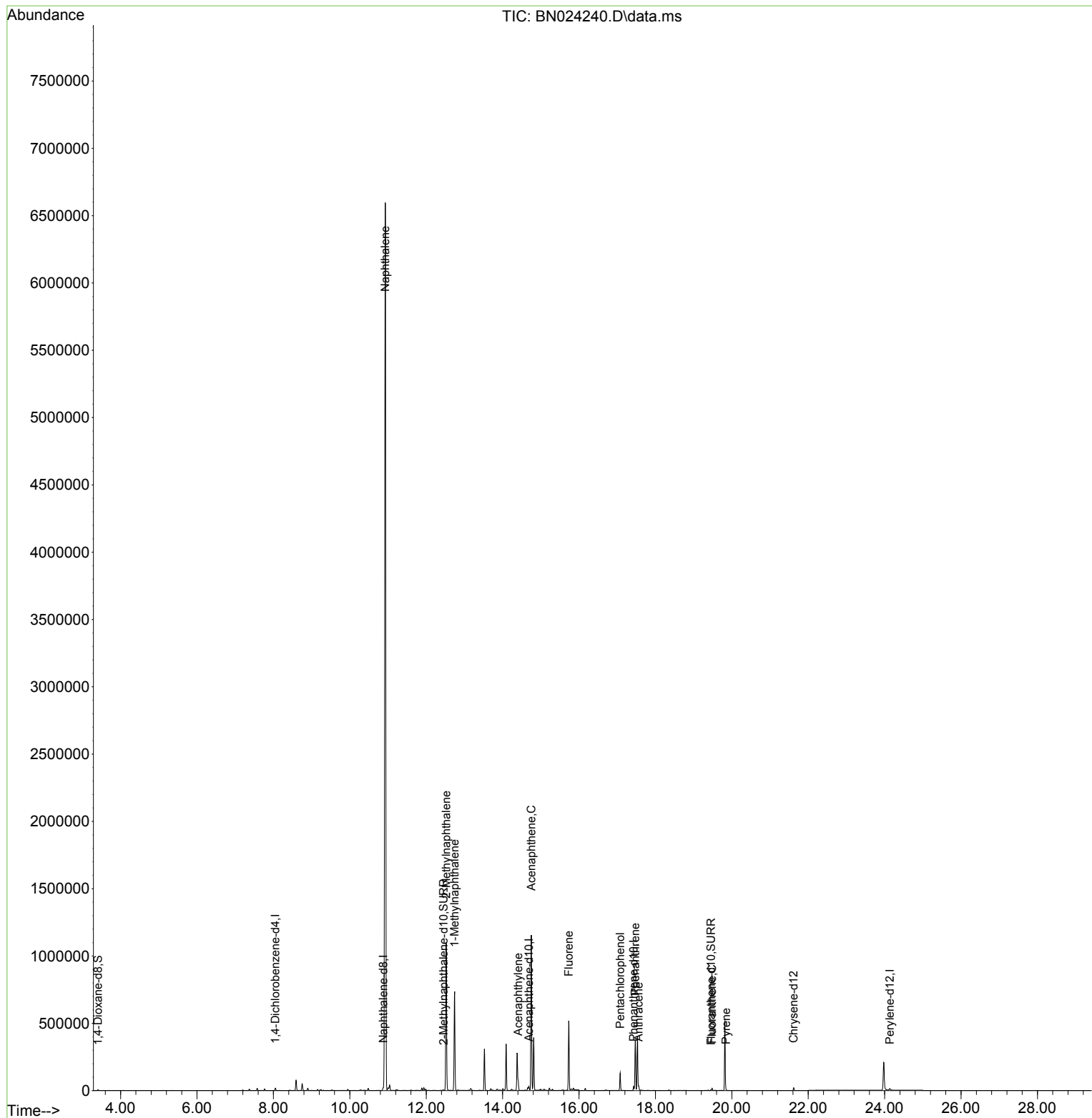
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024240.D
Acq On : 10 Mar 2023 17:08
Operator : CG/JU
Sample : 01746-16DL 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

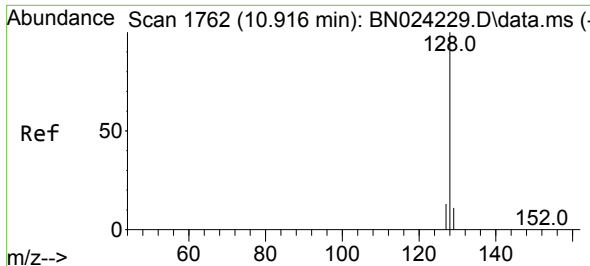
Instrument :
BNA_N
ClientSampleId :
DCAF5DL

Manual Integrations
APPROVED

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

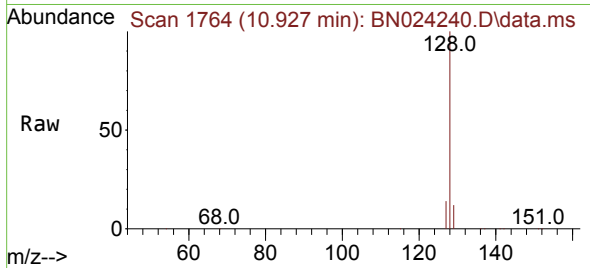
Quant Time: Mar 11 00:09:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 148.118 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

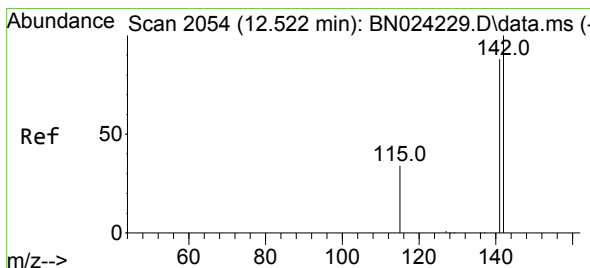
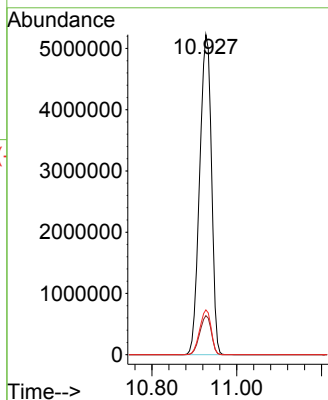
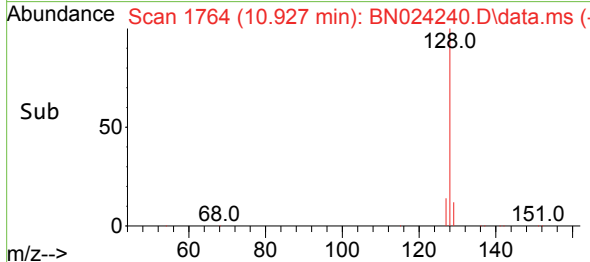
Instrument :
BNA_N
ClientSampleId :
DCAF5DL



Tgt Ion:128 Resp:10083500
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.0 10.5 15.7

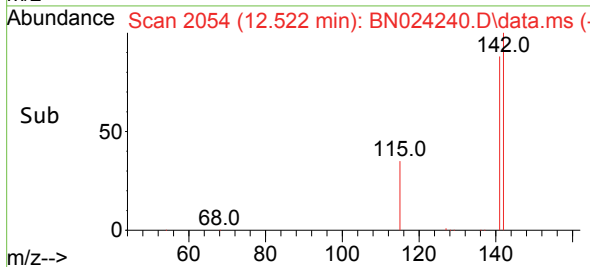
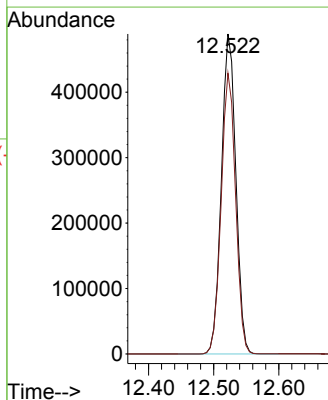
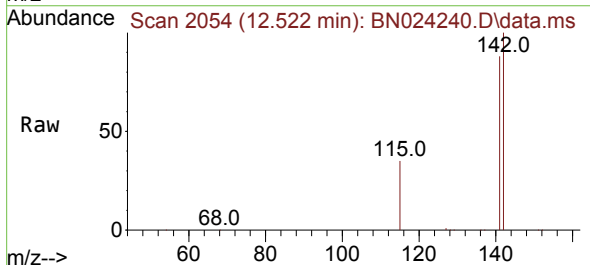
Manual Integrations
APPROVED

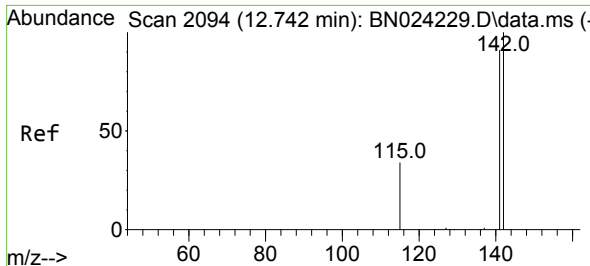
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#7
2-Methylnaphthalene
Concen: 18.218 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Tgt Ion:142 Resp: 752425
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5





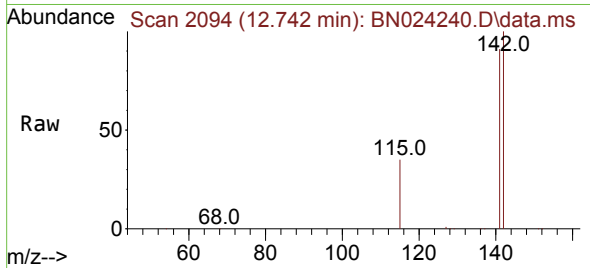
#8
1-Methylnaphthalene
Concen: 11.426 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Instrument :

BNA_N

ClientSampleId :

DCAF5DL

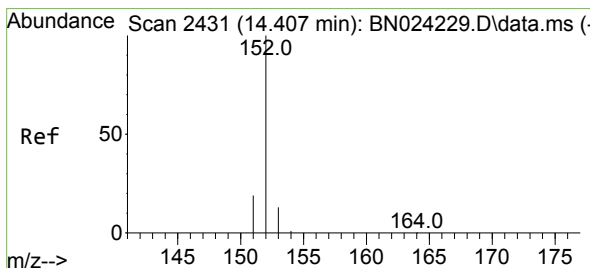
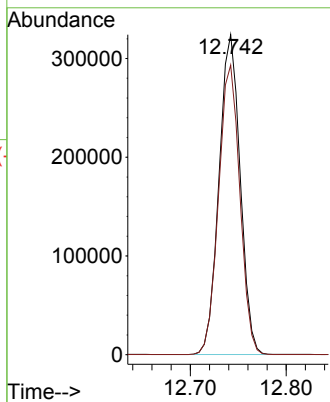
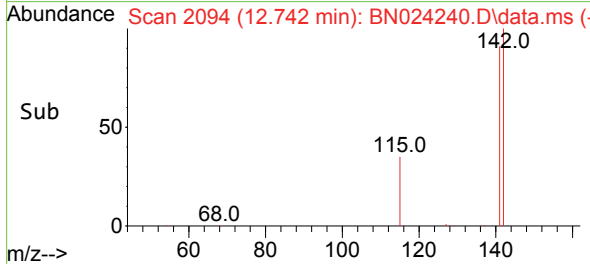


Tgt Ion:142 Resp: 495948
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

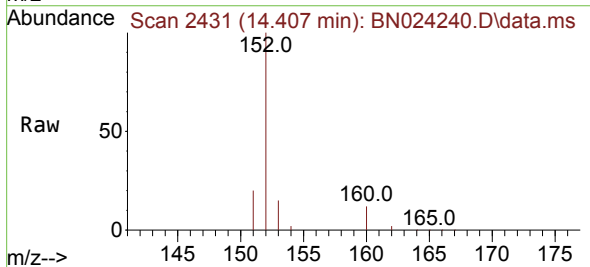
Manual Integrations

APPROVED

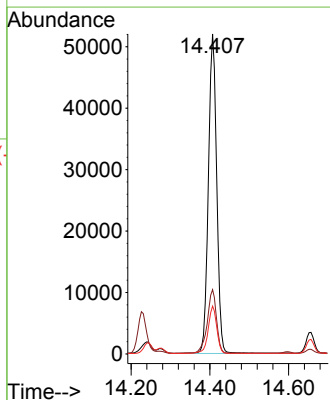
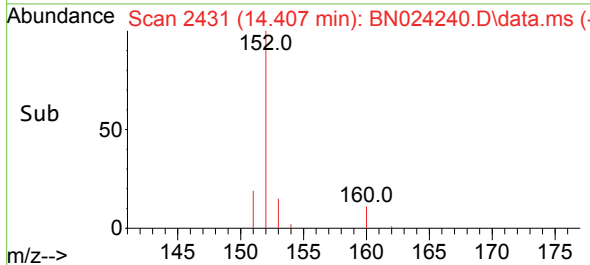
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

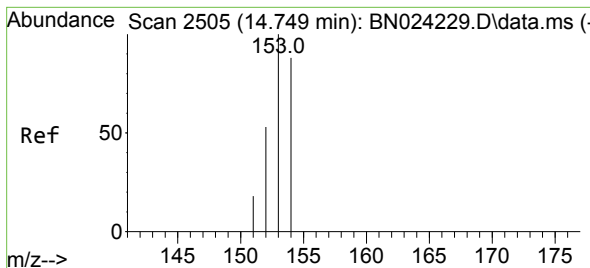


#10
Acenaphthylene
Concen: 1.115 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08



Tgt Ion:152 Resp: 76374
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 14.9 10.6 16.0





#11

Acenaphthene

Concen: 12.560 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024240.D

Acq: 10 Mar 2023 17:08

Instrument :

BNA_N

ClientSampleId :

DCAF5DL

Tgt Ion:153 Resp: 662830

Ion Ratio Lower Upper

153 100

152 48.9 42.6 64.0

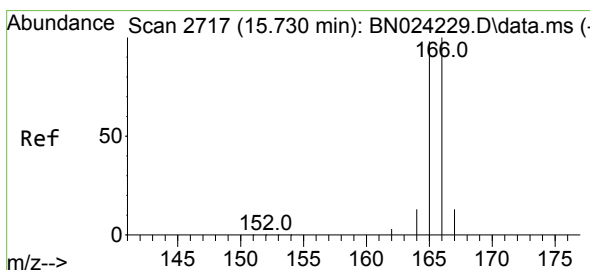
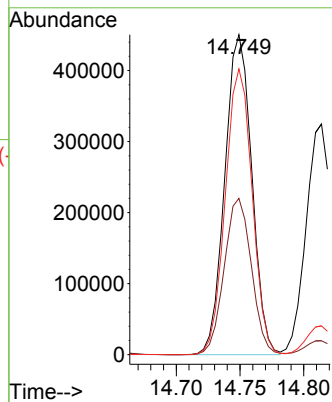
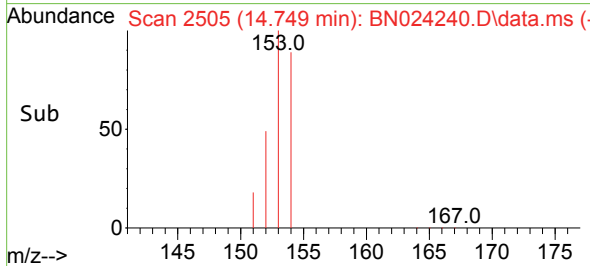
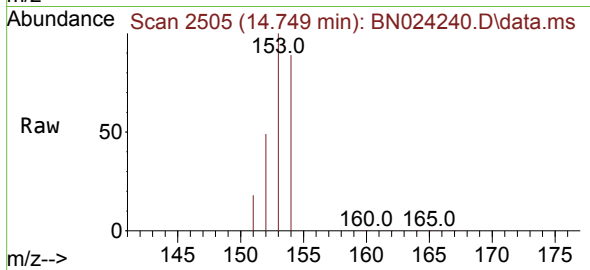
154 89.3 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#12

Fluorene

Concen: 5.383 ng/ul

RT: 15.730 min Scan# 2717

Delta R.T. 0.000 min

Lab File: BN024240.D

Acq: 10 Mar 2023 17:08

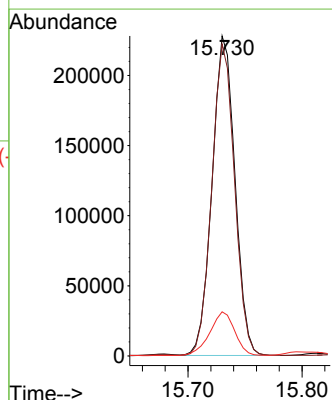
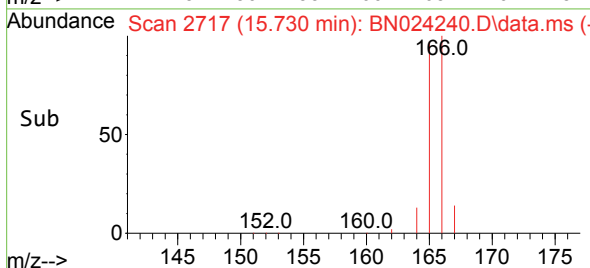
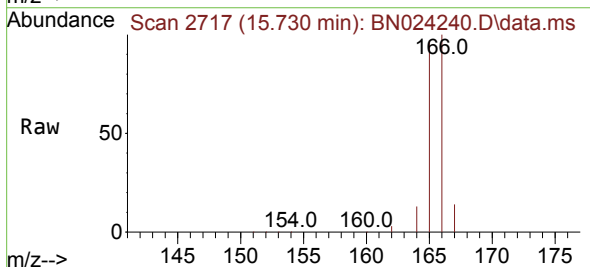
Tgt Ion:166 Resp: 317266

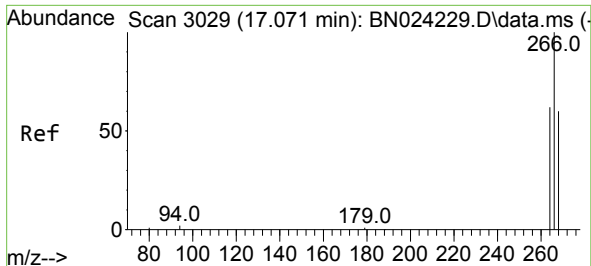
Ion Ratio Lower Upper

166 100

165 97.5 77.4 116.0

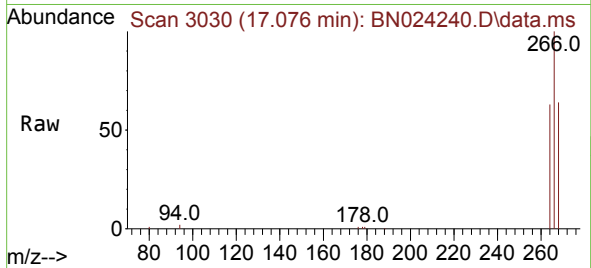
167 13.8 10.9 16.3





#14
Pentachlorophenol
Concen: 8.533 ng/ul
RT: 17.076 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

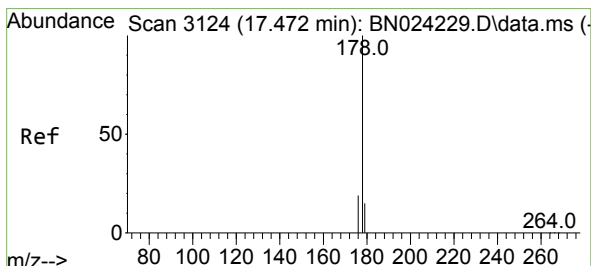
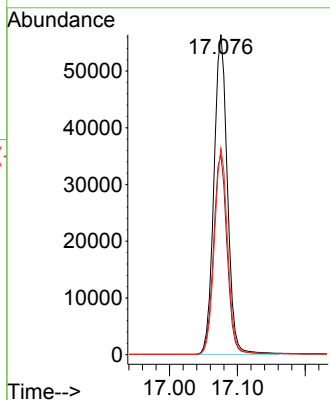
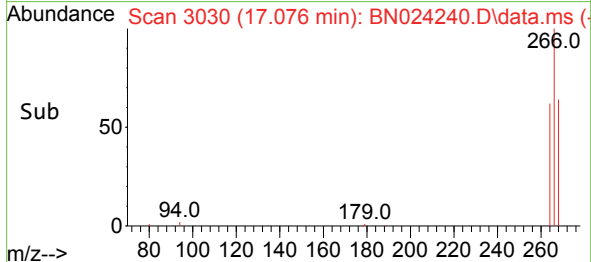
Instrument :
BNA_N
ClientSampleId :
DCAF5DL



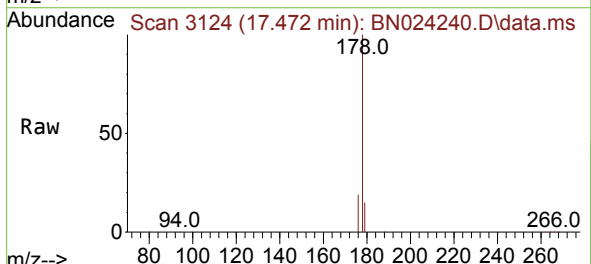
Tgt Ion:266 Resp: 77549
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0
268 64.1 0.1 0.1

Manual Integrations
APPROVED

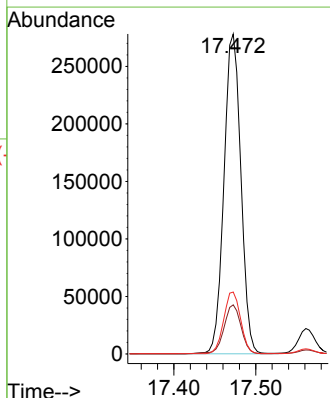
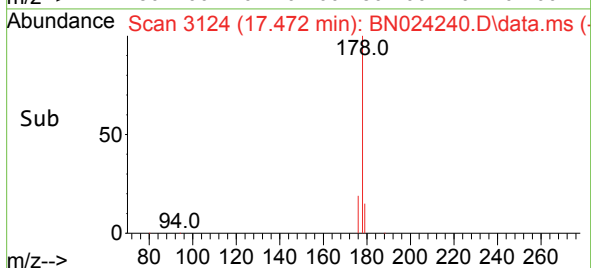
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

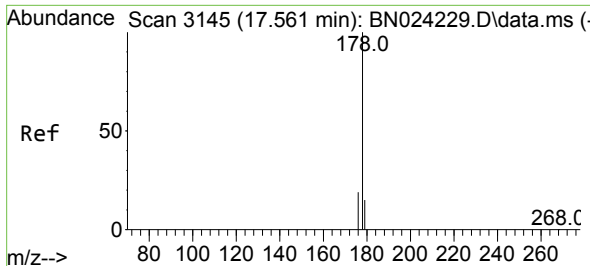


#15
Phenanthrene
Concen: 4.254 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08



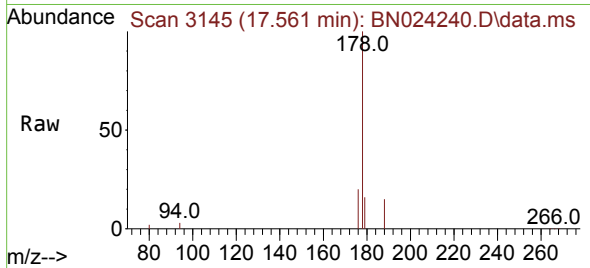
Tgt Ion:178 Resp: 398662
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.4 15.7 23.5





#16
 Anthracene
 Concen: 0.368 ng/ul
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024240.D
 Acq: 10 Mar 2023 17:08

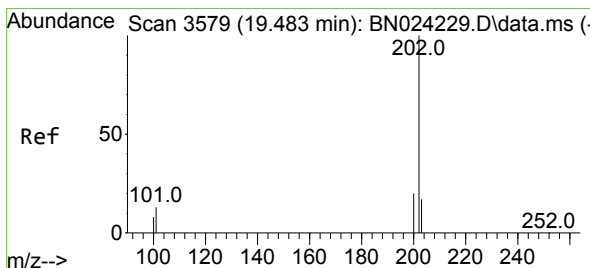
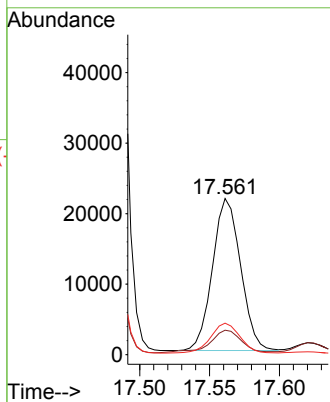
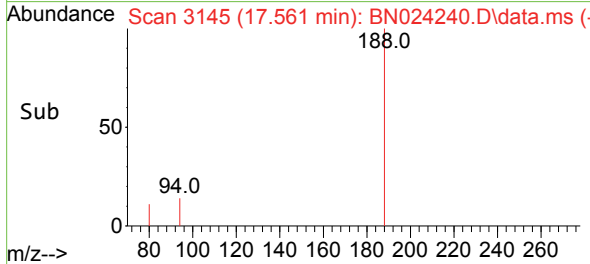
Instrument :
 BNA_N
 ClientSampleId :
 DCAF5DL



Tgt Ion:178 Resp: 30230
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 20.2 15.3 22.9

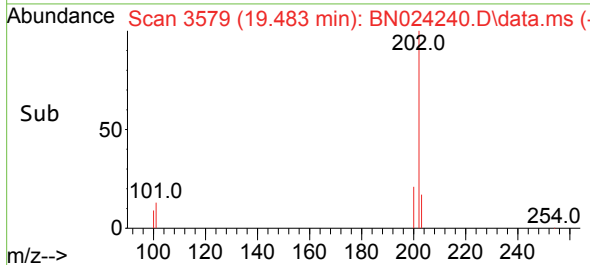
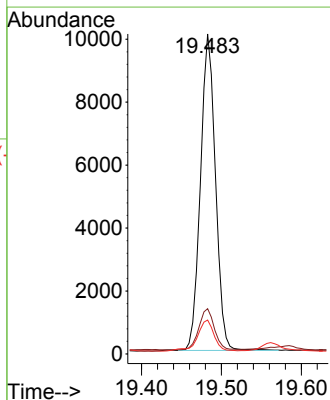
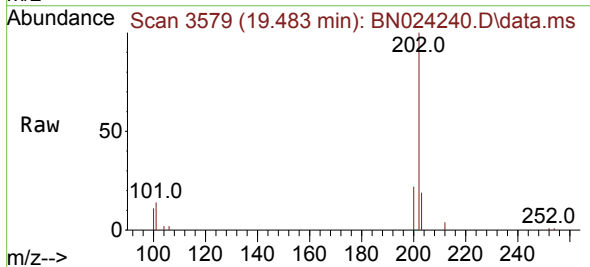
Manual Integrations
 APPROVED

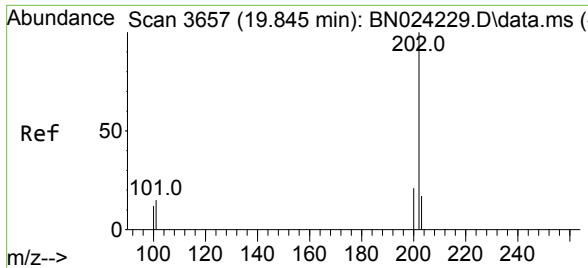
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#19
 Fluoranthene
 Concen: 0.157 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024240.D
 Acq: 10 Mar 2023 17:08

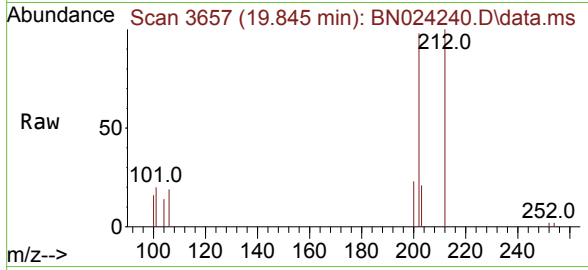
Tgt Ion:202 Resp: 13147
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.4 15.6
 100 10.6 7.7 11.5





#20
Pyrene
Concen: 0.065 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024240.D
Acq: 10 Mar 2023 17:08

Instrument :
BNA_N
ClientSampleId :
DCAF5DL



Tgt Ion:	202	Resp:	557
Ion Ratio	Lower	Upper	
202	100		
101	20.2	12.1	18.1
100	16.2	9.4	14.0

Manual Integrations
APPROVED

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

