

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024231.D
 Acq On : 10 Mar 2023 11:32
 Operator : CG/JU
 Sample : 01746-16DL 5X
 Misc :
 ALS Vial : 72 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 00:07:37 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	7402	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	22775	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	13495	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	27018	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	18367	0.400	ng/ul	0.01
23) Perylene-d12	24.120	264	16394	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3864	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2259	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	4924	0.101	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.927	128	10170128	178.901	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	743656	21.563	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	489841	13.515	ng/ul	100
10) Acenaphthylene	14.407	152	75145	1.335	ng/ul	98
11) Acenaphthene	14.749	153	657630	15.160	ng/ul	97
12) Fluorene	15.730	166	311278	6.426	ng/ul	99
14) Pentachlorophenol	17.076	266	75502	10.061	ng/ul#	73
15) Phenanthrene	17.472	178	395288	5.108	ng/ul	100
16) Anthracene	17.561	178	30486	0.449	ng/ul	99
19) Fluoranthene	19.483	202	13127	0.180	ng/ul	98
20) Pyrene	19.845	202	5674m	0.077	ng/ul	

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

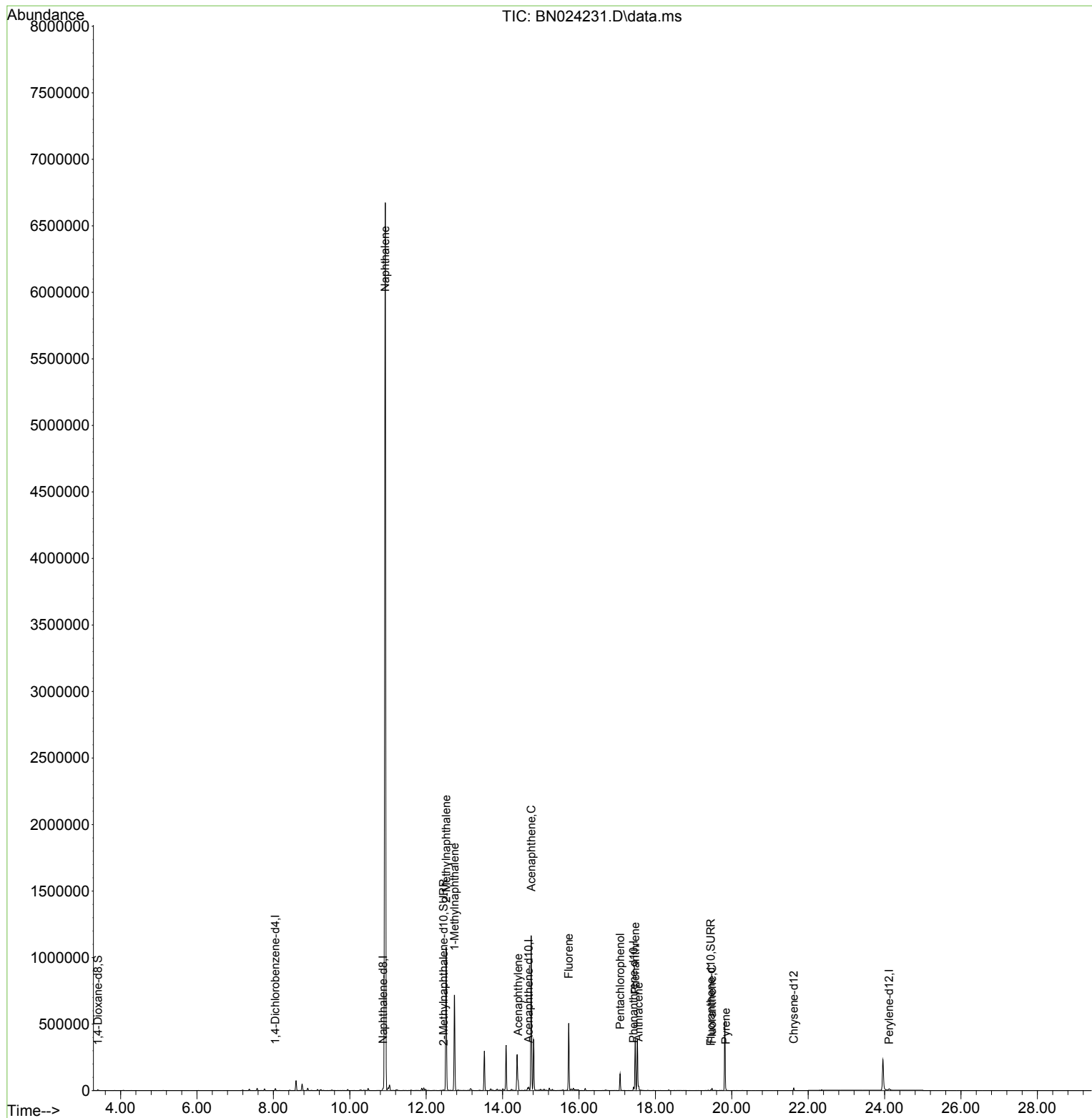
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
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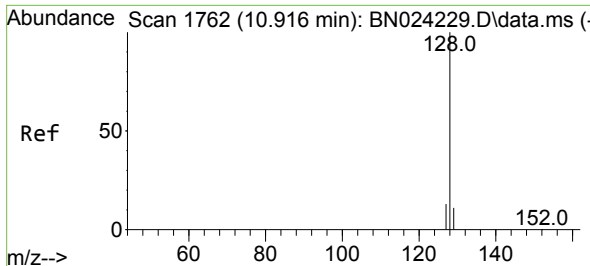
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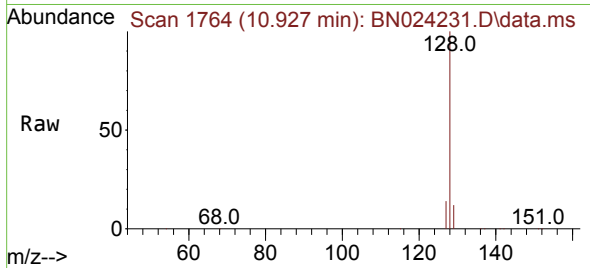
Quant Time: Mar 11 00:07:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
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#5
Naphthalene
Concen: 178.901 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN024231.D
Acq: 10 Mar 2023 11:32

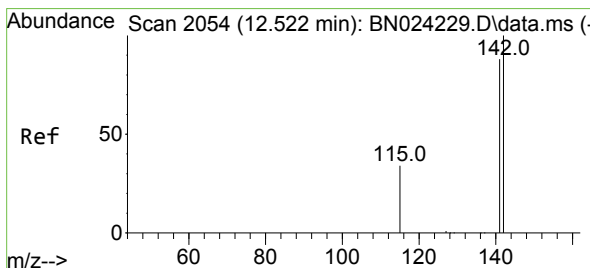
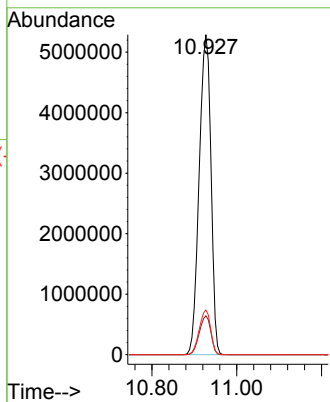
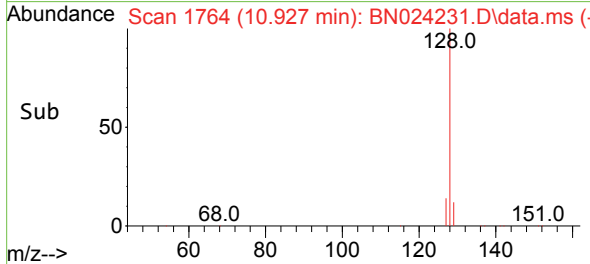
Instrument :
BNA_N
ClientSampleId :
DCAF5DL



Tgt Ion:128 Resp:10170128
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.0 10.5 15.7

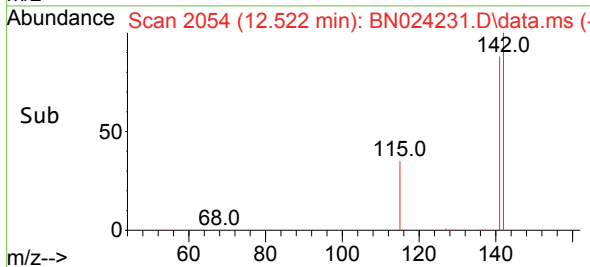
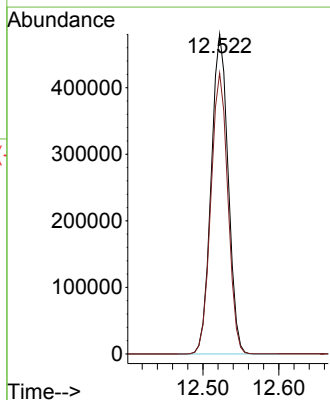
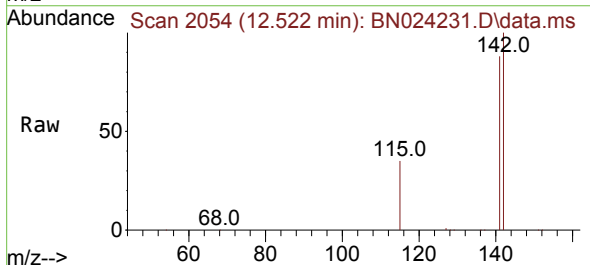
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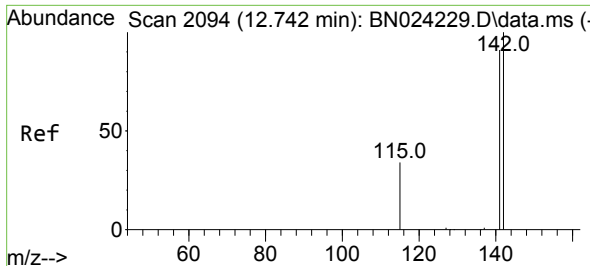
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#7
2-Methylnaphthalene
Concen: 21.563 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024231.D
Acq: 10 Mar 2023 11:32

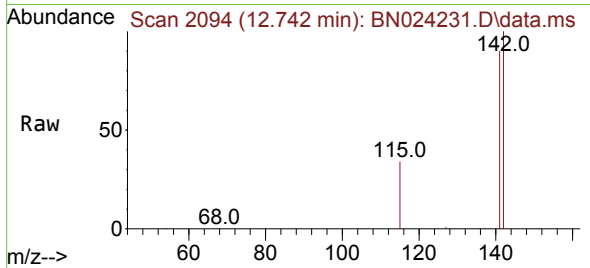
Tgt Ion:142 Resp: 743656
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 13.515 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024231.D
Acq: 10 Mar 2023 11:32

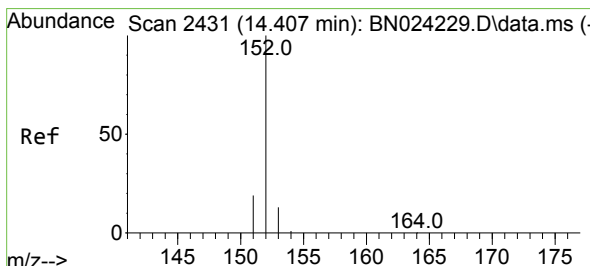
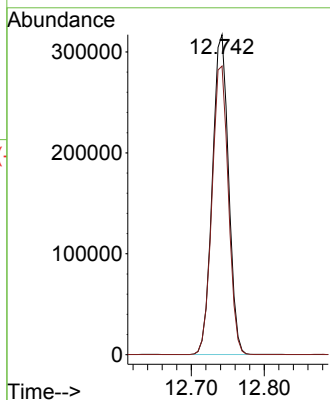
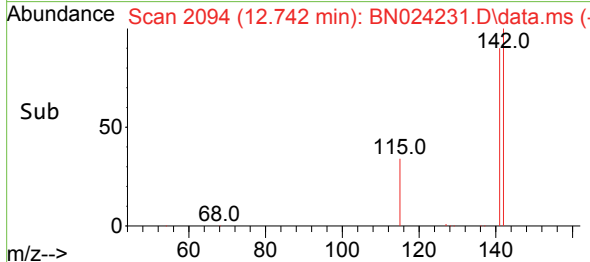
Instrument :
BNA_N
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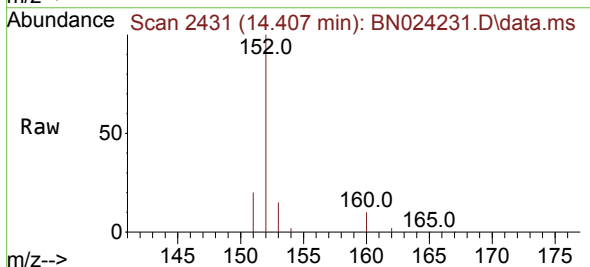
Tgt Ion:142 Resp: 48984
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

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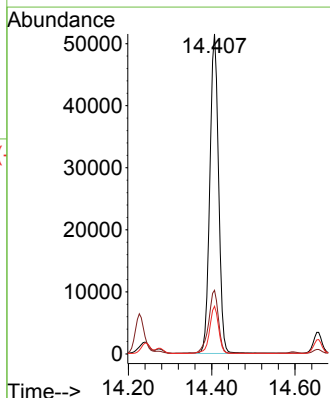
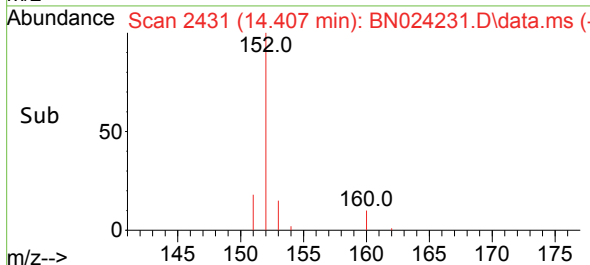
Reviewed By :Christian Giraldo 03/13/2023
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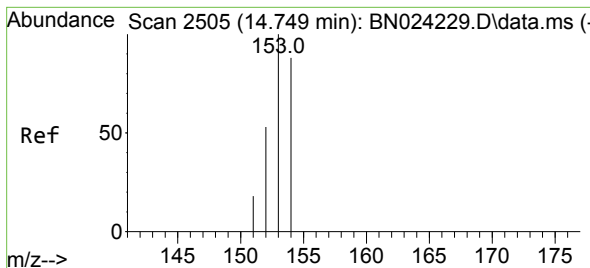


#10
Acenaphthylene
Concen: 1.335 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024231.D
Acq: 10 Mar 2023 11:32



Tgt Ion:152 Resp: 75145
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.9 10.6 16.0





#11

Acenaphthene

Concen: 15.160 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024231.D

Acq: 10 Mar 2023 11:32

Instrument :

BNA_N

ClientSampleId :

DCAF5DL

Tgt Ion:153 Resp: 657630

Ion Ratio Lower Upper

153 100

152 48.5 42.6 64.0

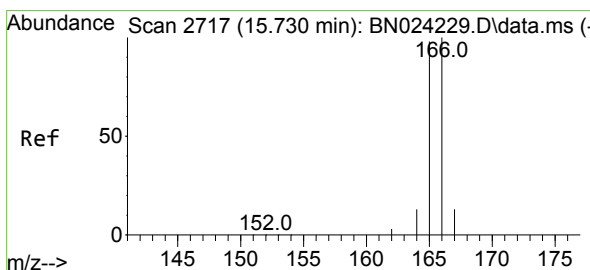
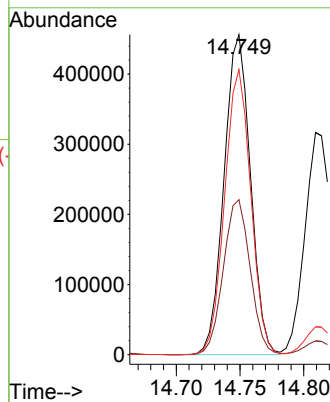
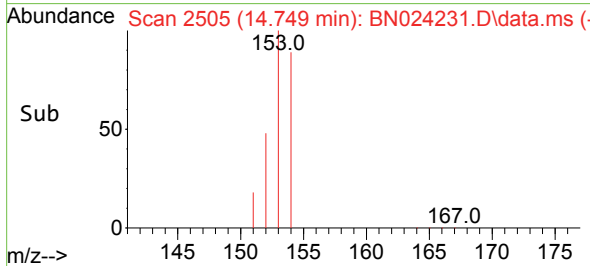
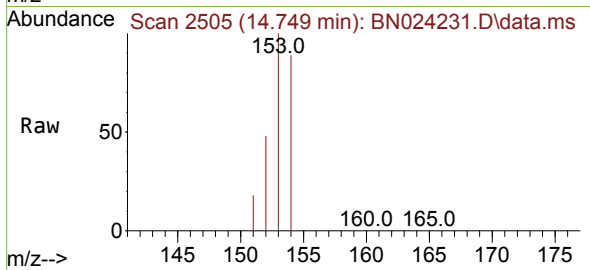
154 89.1 70.6 105.8

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#12

Fluorene

Concen: 6.426 ng/ul

RT: 15.730 min Scan# 2717

Delta R.T. 0.000 min

Lab File: BN024231.D

Acq: 10 Mar 2023 11:32

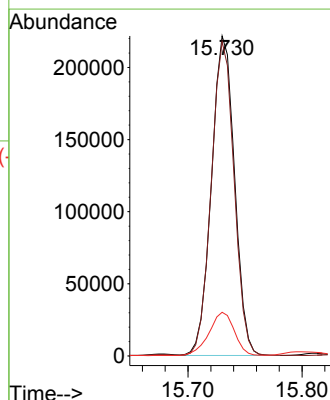
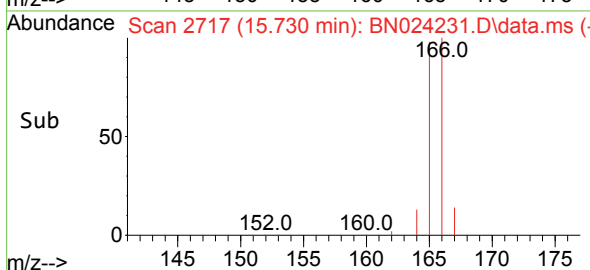
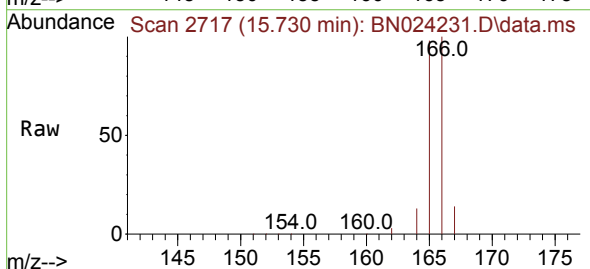
Tgt Ion:166 Resp: 311278

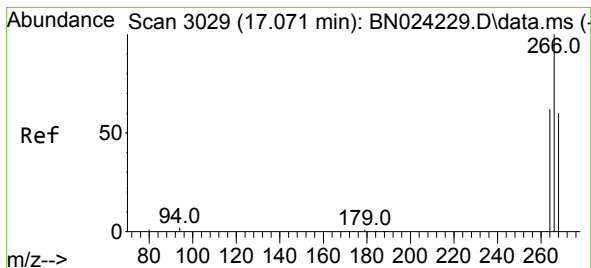
Ion Ratio Lower Upper

166 100

165 98.2 77.4 116.0

167 13.7 10.9 16.3





#14

Pentachlorophenol

Concen: 10.061 ng/ul

RT: 17.076 min Scan# 3029

Delta R.T. 0.000 min

Lab File: BN024231.D

Acq: 10 Mar 2023 11:32

Instrument :

BNA_N

ClientSampleId :

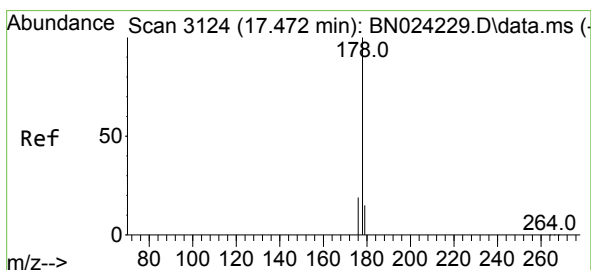
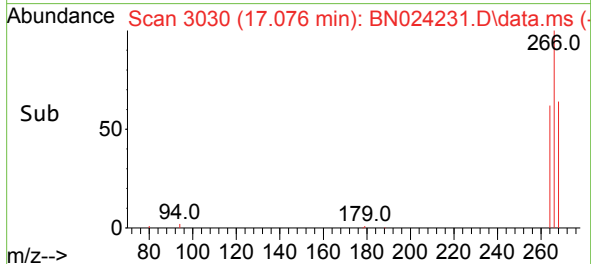
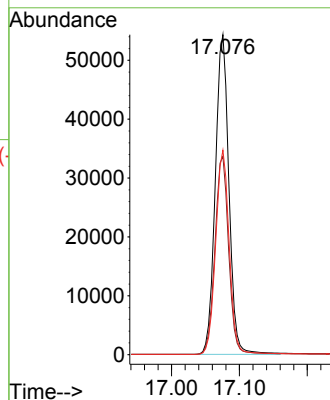
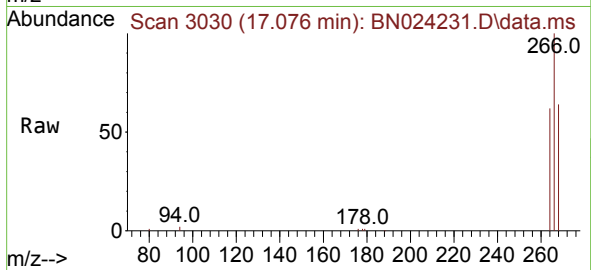
DCAF5DL

Tgt Ion:	266	Resp:	75502
Ion Ratio	Lower	Upper	
266	100		
264	62.6	0.0	0.0
268	63.7	0.1	0.1

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Supervised By :Jagrut Upadhyay 03/13/2023



#15

Phenanthrene

Concen: 5.108 ng/ul

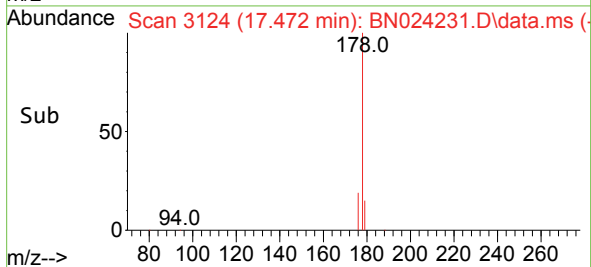
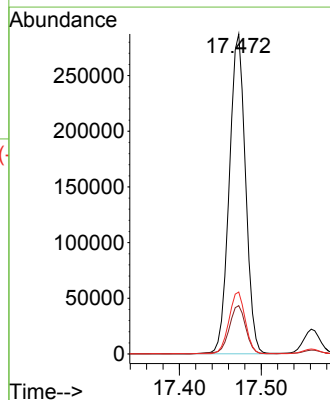
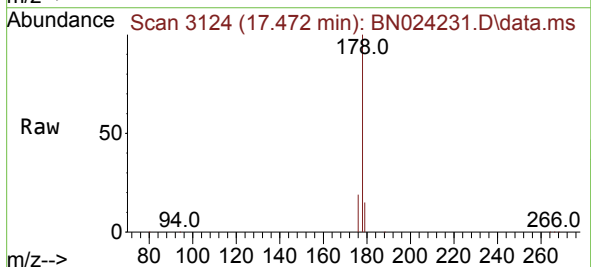
RT: 17.472 min Scan# 3124

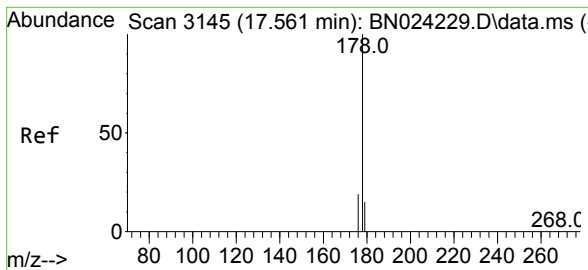
Delta R.T. 0.000 min

Lab File: BN024231.D

Acq: 10 Mar 2023 11:32

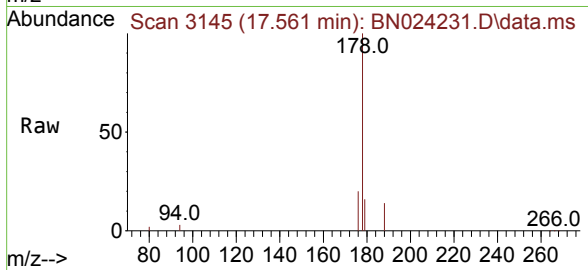
Tgt Ion:	178	Resp:	395288
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.2
176	19.3	15.7	23.5





#16
 Anthracene
 Concen: 0.449 ng/ul
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024231.D
 Acq: 10 Mar 2023 11:32

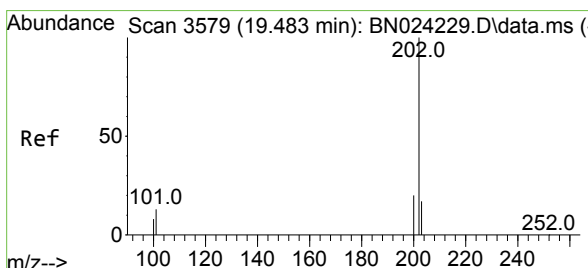
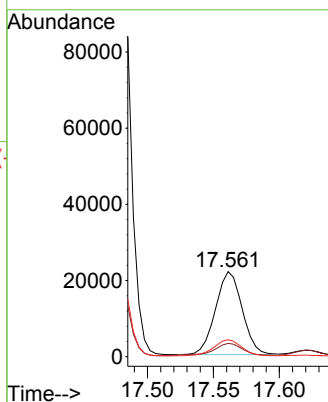
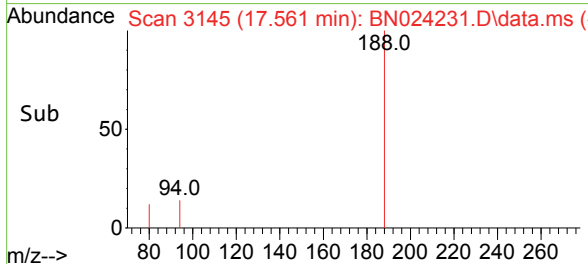
Instrument :
 BNA_N
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 DCAF5DL



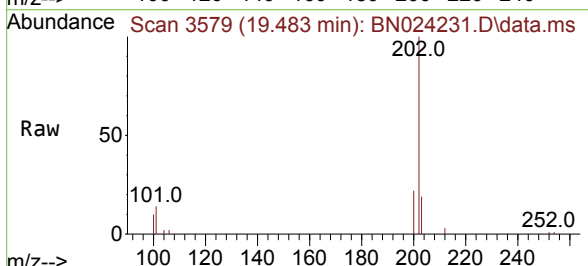
Tgt Ion:178 Resp: 30480
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.9 15.3 22.9

Manual Integrations
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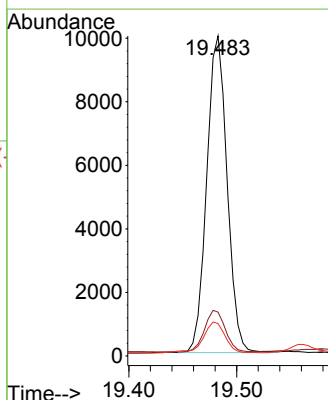
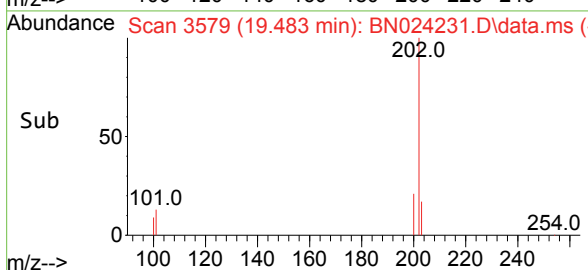
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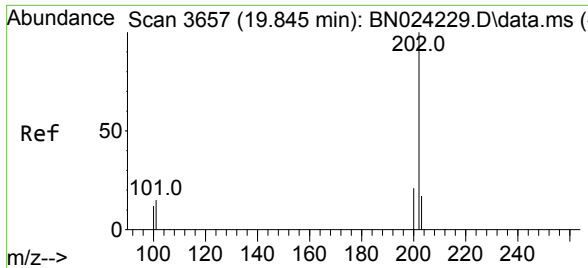


#19
 Fluoranthene
 Concen: 0.180 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024231.D
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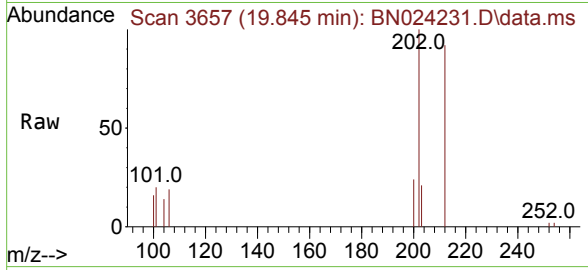
Tgt Ion:202 Resp: 13127
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.4 15.6
 100 10.1 7.7 11.5





#20
Pyrene
Concen: 0.077 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024231.D
Acq: 10 Mar 2023 11:32

Instrument :
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ClientSampleId :
DCAF5DL



Tgt Ion:	202	Resp:	5674
Ion Ratio	Lower	Upper	
202	100		
101	19.6	12.1	18.1
100	16.2	9.4	14.0

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