

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024238.D
 Acq On : 10 Mar 2023 15:54
 Operator : CG/JU
 Sample : 01784-13DL 5X
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC3DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 11 00:08:51 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	7592	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	23515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	14455	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	28594	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	18448	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	14978	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	6857	0.821	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2333	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	4516	0.092	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.933	128	13283946	226.322	ng/ul	97
7) 2-Methylnaphthalene	12.522	142	1623767	45.600	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	1492241	39.876	ng/ul	99
10) Acenaphthylene	14.407	152	75123	1.246	ng/ul#	97
11) Acenaphthene	14.749	153	1898000	40.848	ng/ul	97
12) Fluorene	15.730	166	307500	5.926	ng/ul	99
14) Pentachlorophenol	17.076	266	5545	0.698	ng/ul#	73
15) Phenanthrene	17.472	178	325879	3.979	ng/ul	100
16) Anthracene	17.561	178	16917	0.235	ng/ul	97
19) Fluoranthene	19.483	202	13403	0.183	ng/ul	97
20) Pyrene	19.845	202	4967m	0.067	ng/ul	

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

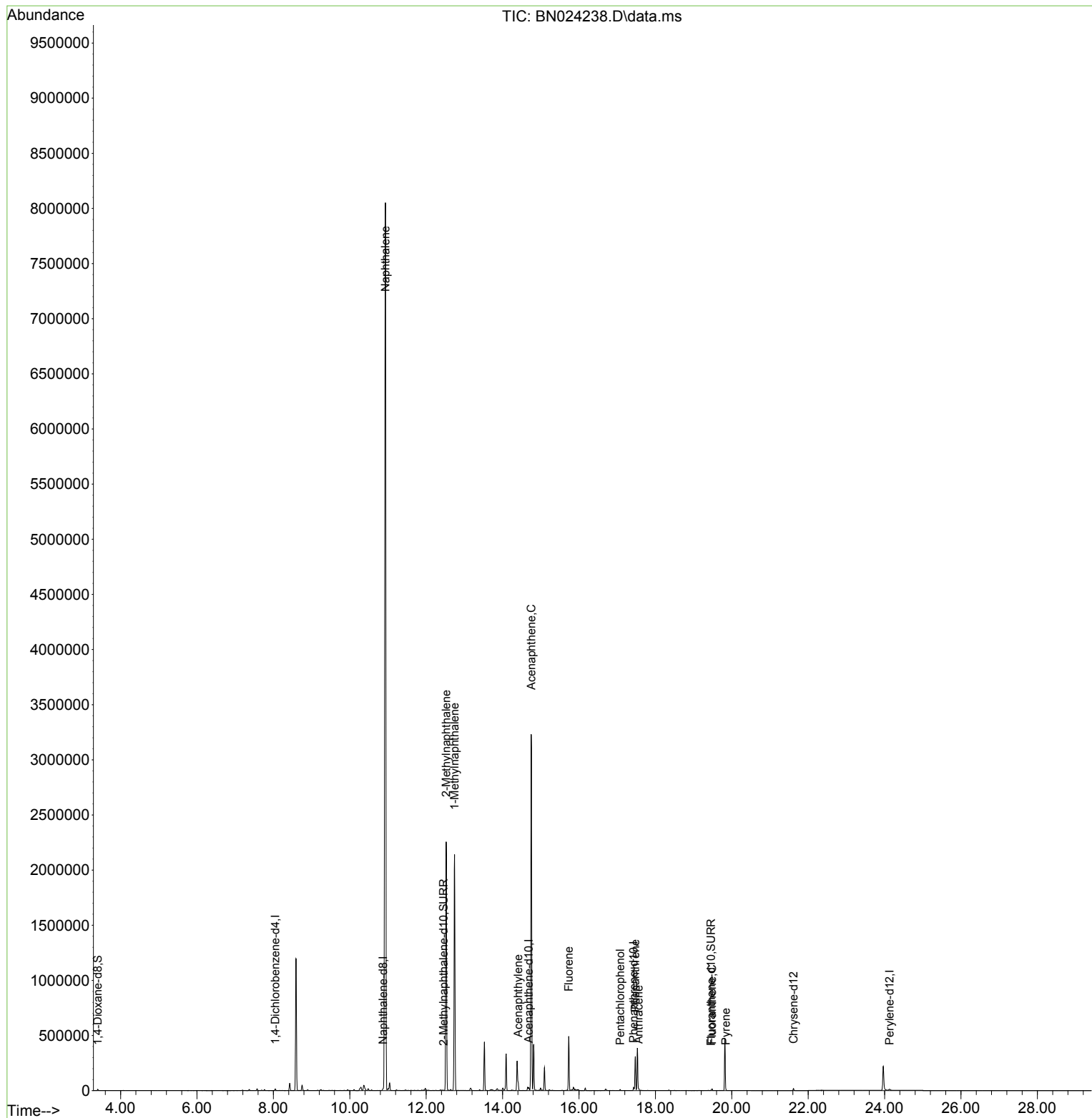
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
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ALS Vial : 79 Sample Multiplier: 1

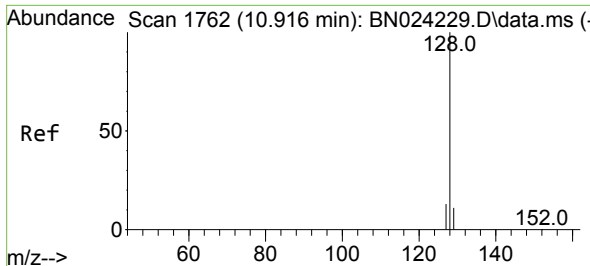
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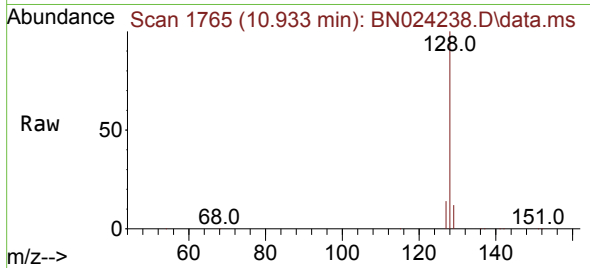
Quant Time: Mar 11 00:08:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 226.322 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.011 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

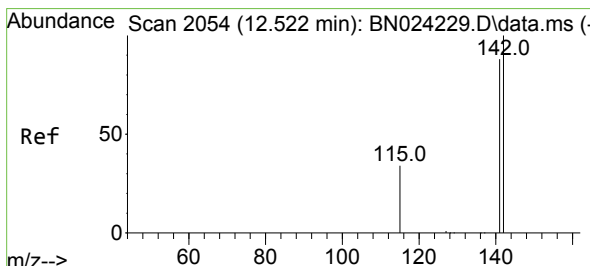
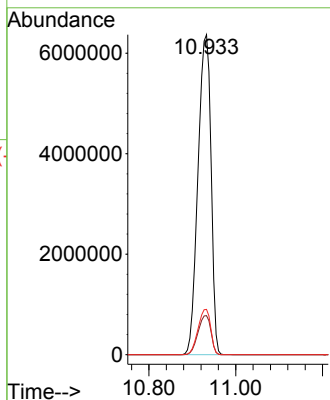
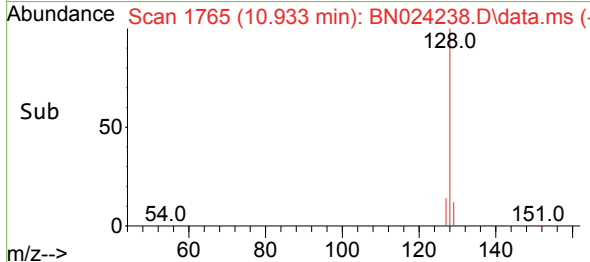
Instrument :
BNA_N
ClientSampleId :
DCAC3DL



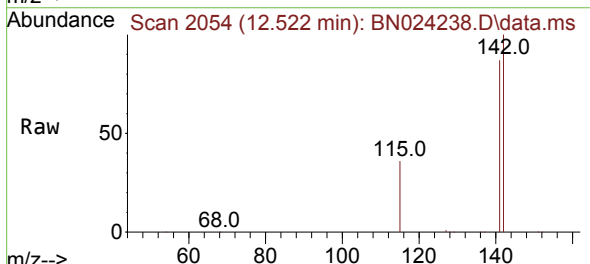
Tgt Ion:128 Resp:13283940
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.2 10.5 15.7

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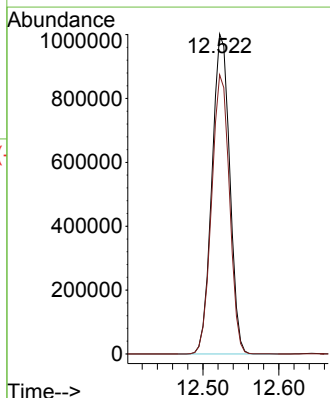
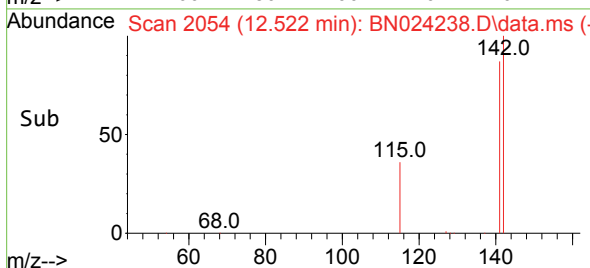
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

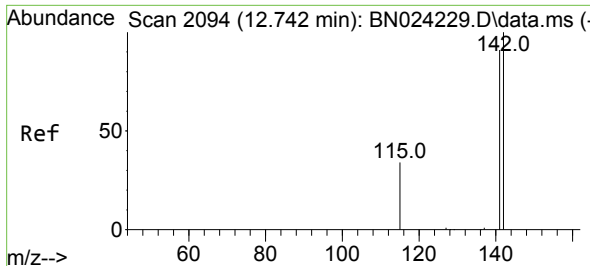


#7
2-Methylnaphthalene
Concen: 45.600 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54



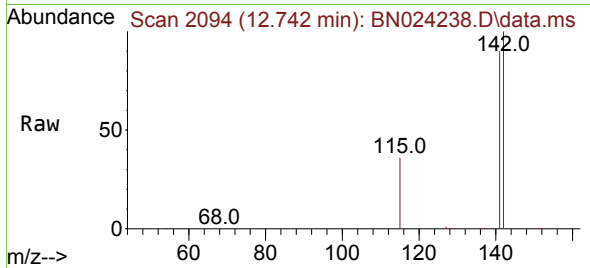
Tgt Ion:142 Resp: 1623767
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 39.876 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

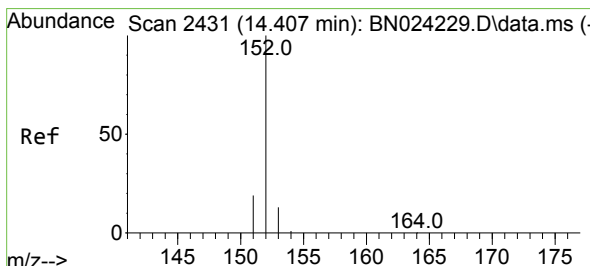
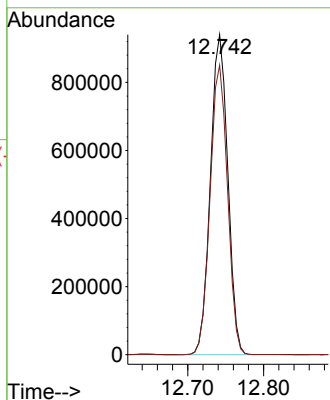
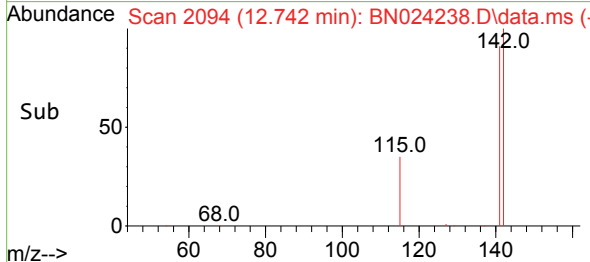
Instrument :
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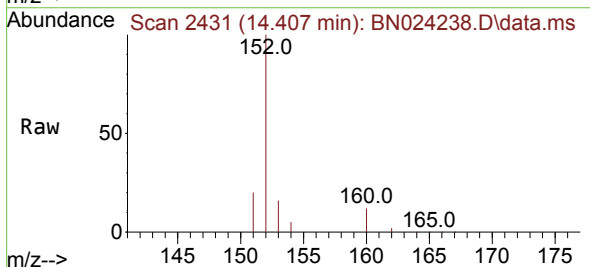
Tgt Ion:142 Resp: 149224
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6

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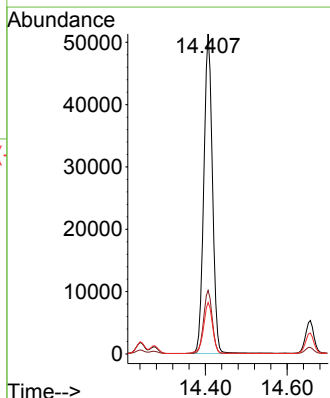
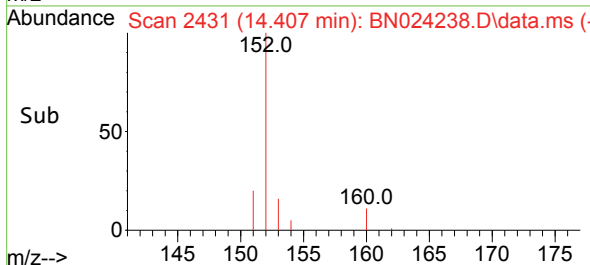
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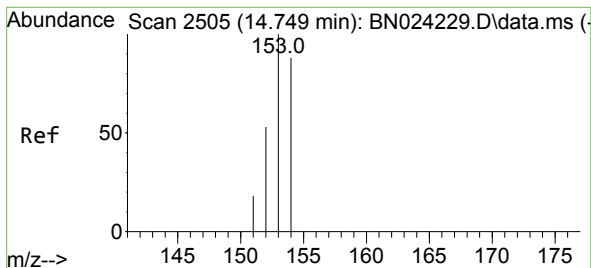


#10
Acenaphthylene
Concen: 1.246 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54



Tgt Ion:152 Resp: 75123
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 16.0 10.6 16.0#





#11

Acenaphthene

Concen: 40.848 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024238.D

Acq: 10 Mar 2023 15:54

Instrument :

BNA_N

ClientSampleId :

DCAC3DL

Tgt Ion:153 Resp: 1898000

Ion Ratio Lower Upper

153 100

152 49.0 42.6 64.0

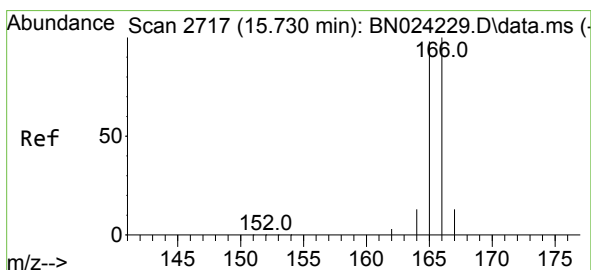
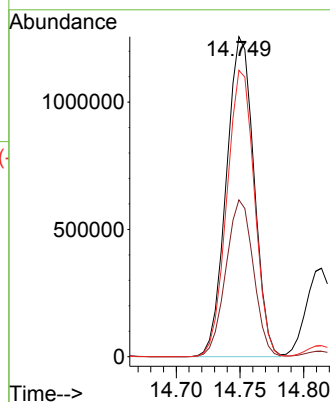
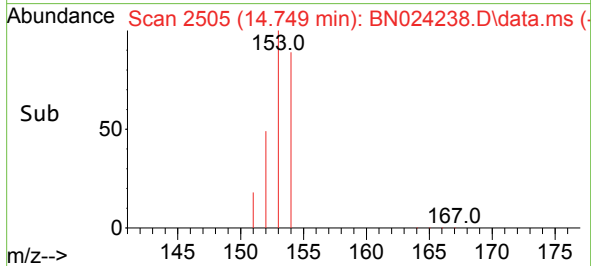
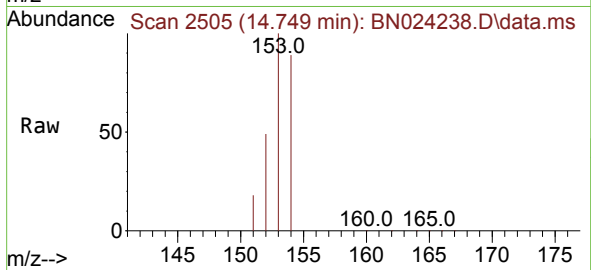
154 89.5 70.6 105.8

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#12

Fluorene

Concen: 5.926 ng/ul

RT: 15.730 min Scan# 2717

Delta R.T. 0.000 min

Lab File: BN024238.D

Acq: 10 Mar 2023 15:54

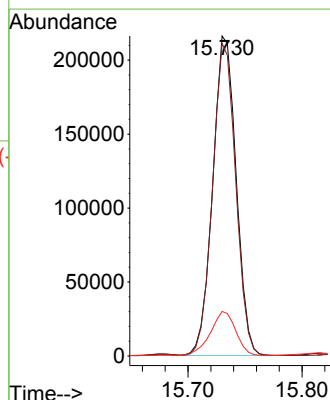
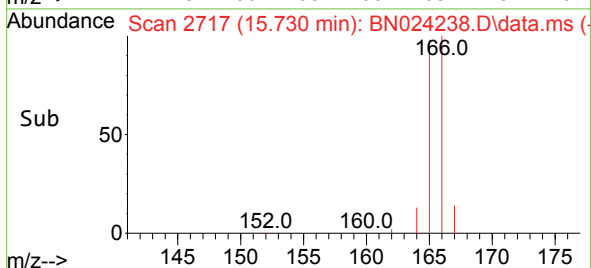
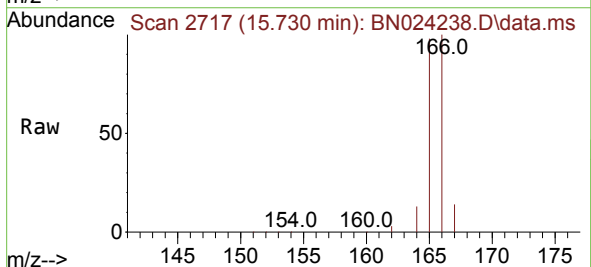
Tgt Ion:166 Resp: 307500

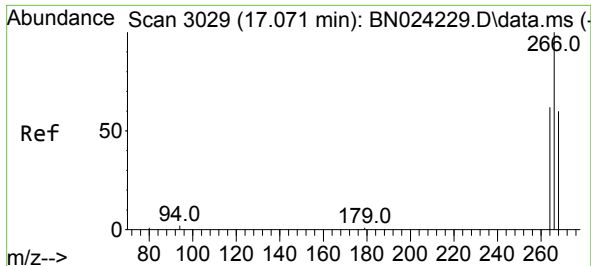
Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.0

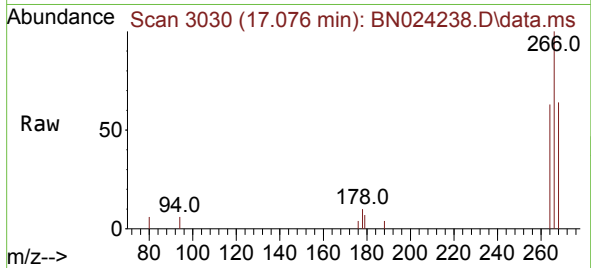
167 13.9 10.9 16.3





#14
 Pentachlorophenol
 Concen: 0.698 ng/u1
 RT: 17.076 min Scan# 3029
 Delta R.T. 0.000 min
 Lab File: BN024238.D
 Acq: 10 Mar 2023 15:54

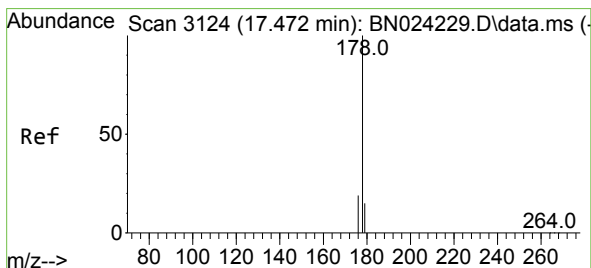
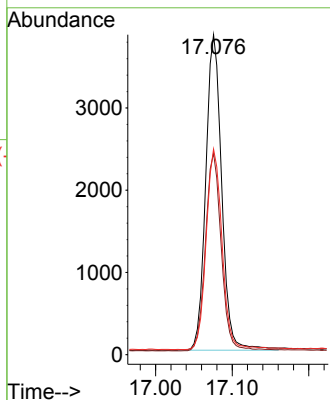
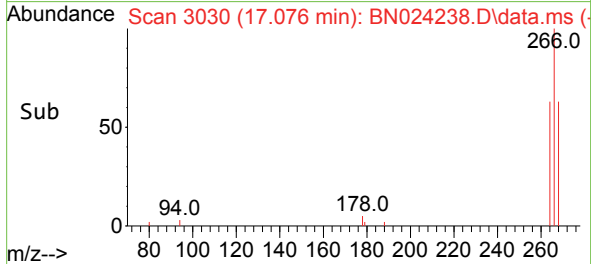
Instrument :
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Tgt Ion:266 Resp: 5549
 Ion Ratio Lower Upper
 266 100
 264 62.3 0.0 0.0
 268 63.8 0.1 0.1

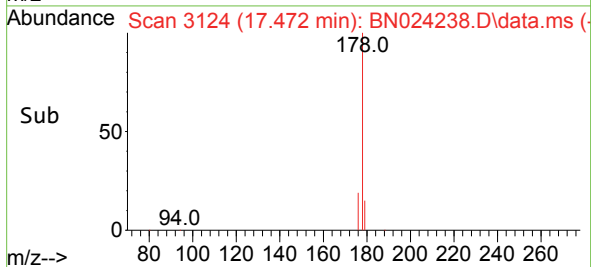
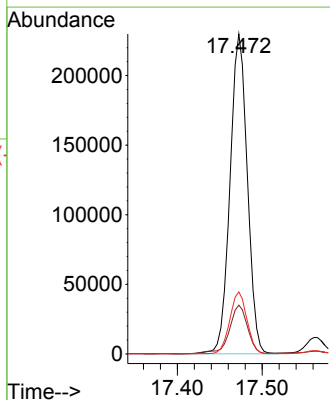
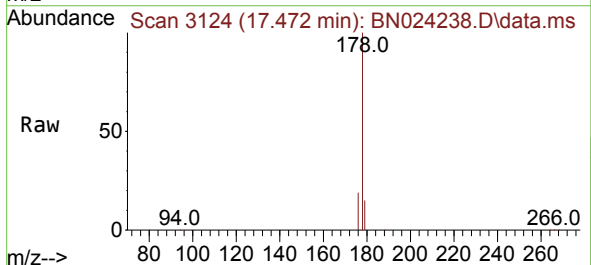
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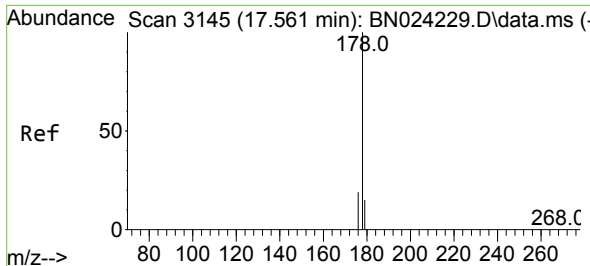
Reviewed By :Christian Giraldo 03/13/2023
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#15
 Phenanthrene
 Concen: 3.979 ng/u1
 RT: 17.472 min Scan# 3124
 Delta R.T. 0.000 min
 Lab File: BN024238.D
 Acq: 10 Mar 2023 15:54

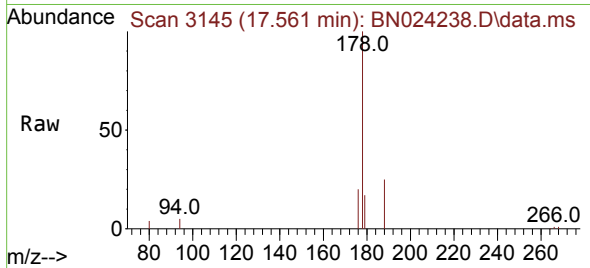
Tgt Ion:178 Resp: 325879
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.2
 176 19.4 15.7 23.5





#16
 Anthracene
 Concen: 0.235 ng/ul
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024238.D
 Acq: 10 Mar 2023 15:54

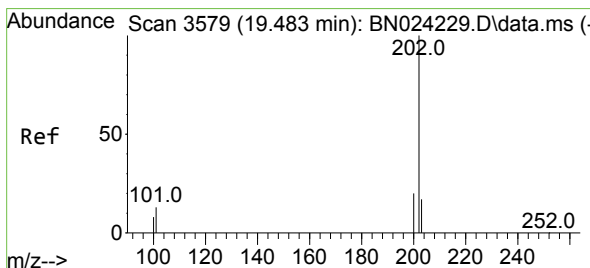
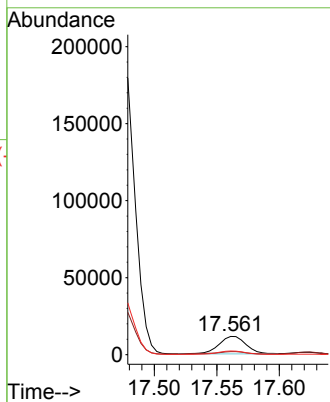
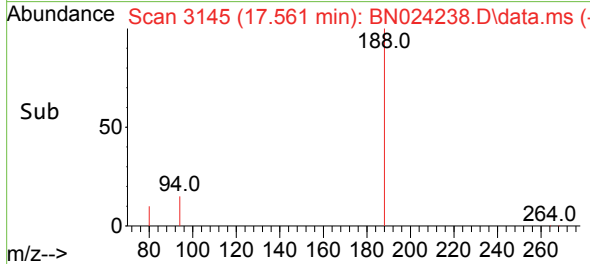
Instrument :
 BNA_N
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 DCAC3DL



Tgt Ion:178 Resp: 1691
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.3 18.5
 176 20.4 15.3 22.9

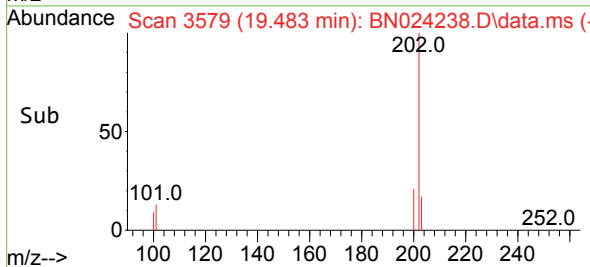
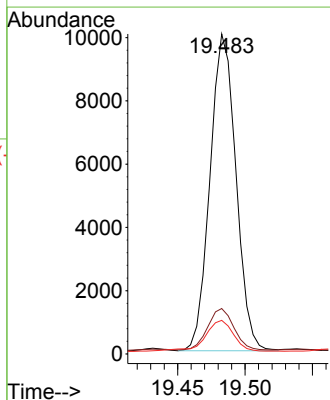
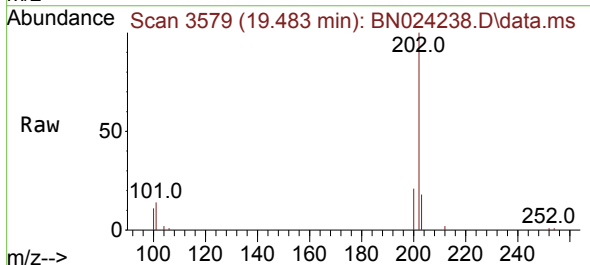
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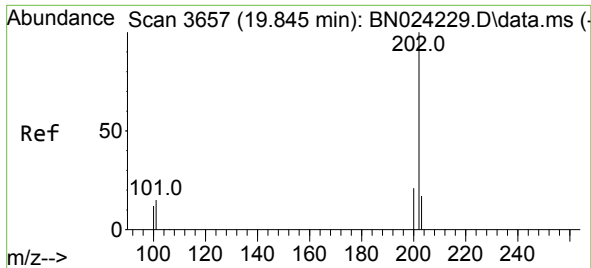
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#19
 Fluoranthene
 Concen: 0.183 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024238.D
 Acq: 10 Mar 2023 15:54

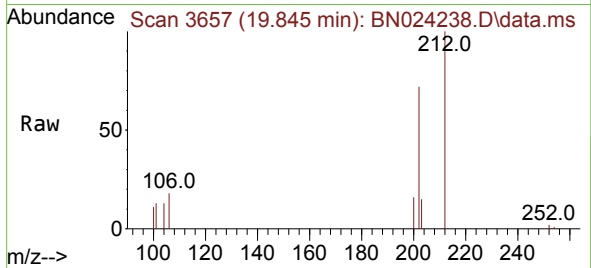
Tgt Ion:202 Resp: 13403
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.4 15.6
 100 10.5 7.7 11.5





#20
Pyrene
Concen: 0.067 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL



Tgt Ion:	202	Resp:	496
Ion Ratio	Lower	Upper	
202	100		
101	18.6	12.1	18.1
100	15.6	9.4	14.0

Manual Integrations
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