

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024476.D
 Acq On : 22 Mar 2023 10:52
 Operator : CG/JU
 Sample : 01810-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 01:35:45 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 : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	11667	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	34965	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.666	164	25254	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	40496	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	28825	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	23954	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	59343	4.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	14681	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	35254	0.460	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.905	128	26508882	303.740	ng/ul#	92
7) 2-Methylnaphthalene	12.500	142	2482785	46.891	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	4025467	72.343	ng/ul	99
10) Acenaphthylene	14.384	152	375104	3.560	ng/ul#	97
11) Acenaphthene	14.735	153	6499174	80.061	ng/ul	96
12) Fluorene	15.716	166	3893843	42.954	ng/ul	99
14) Pentachlorophenol	17.059	266	107713	9.576	ng/ul#	73
15) Phenanthrene	17.451	178	3416500	29.456	ng/ul	99
16) Anthracene	17.544	178	306506	3.012	ng/ul	99
19) Fluoranthene	19.459	202	343638	2.995	ng/ul	98
20) Pyrene	19.826	202	139377m	1.198	ng/ul	

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

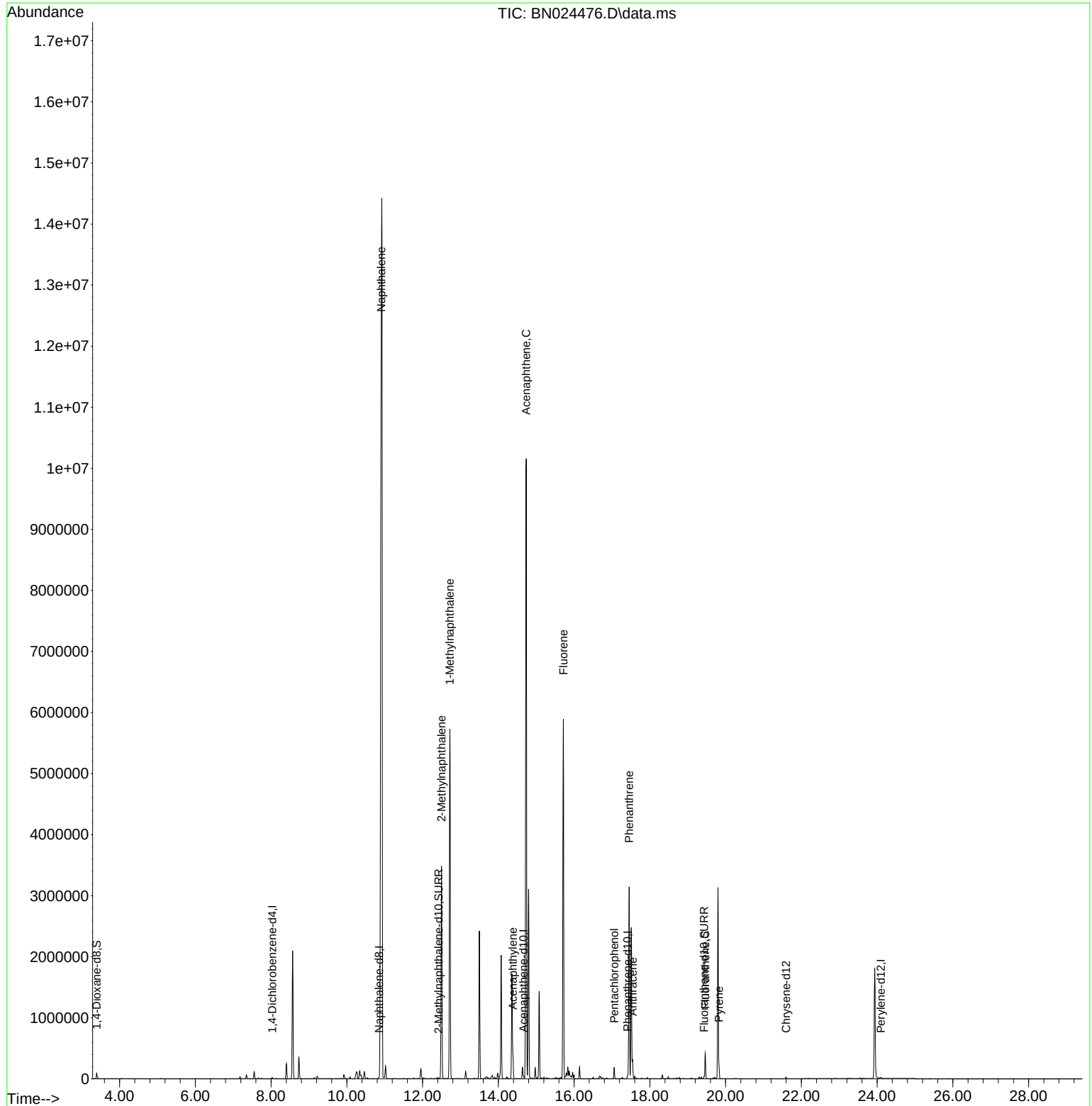
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024476.D
Acq On : 22 Mar 2023 10:52
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Sample : 01810-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

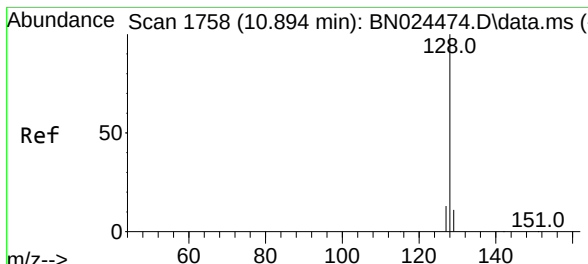
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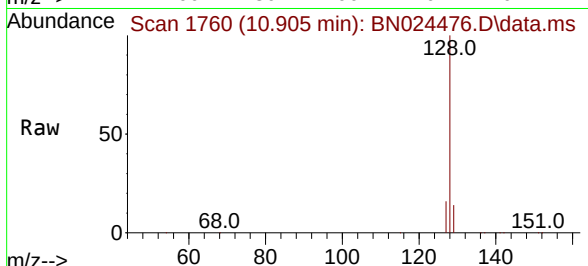
Quant Time: Mar 23 01:35:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 14:57:36 2023
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#5
Naphthalene
 Concen: 303.740 ng/ul
 RT: 10.905 min Scan# 1760
 Delta R.T. 0.011 min
 Lab File: BN024476.D
 Acq: 22 Mar 2023 10:52

Instrument :
 BNA_N
ClientSampleId :
 DCAF9

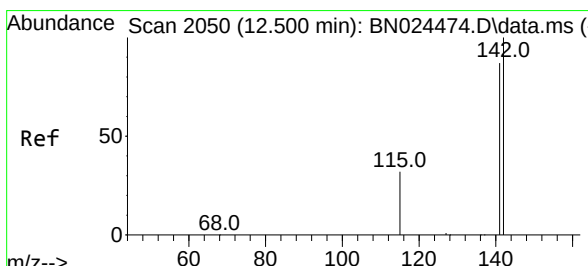
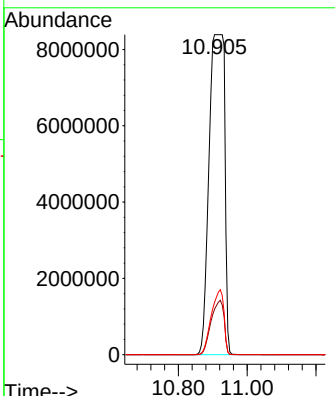
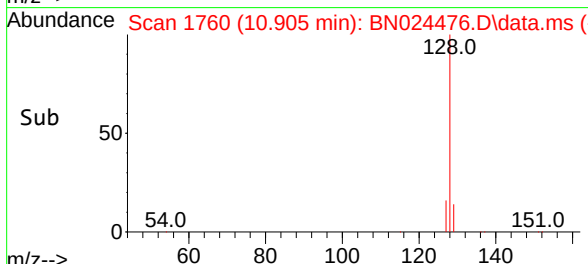


Tgt Ion:128 Resp:2650888

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.0	13.6
127	16.3	10.5	15.7

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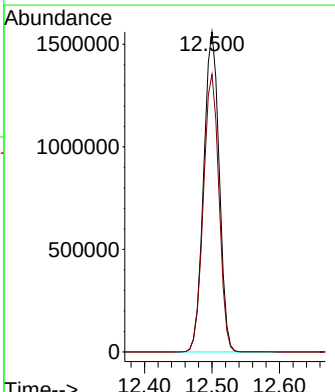
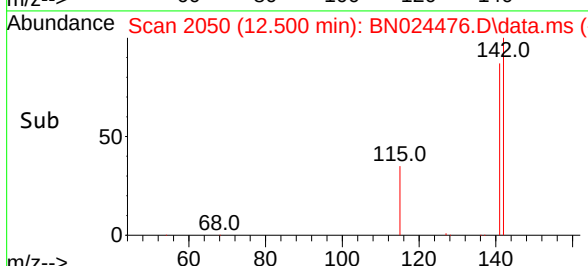
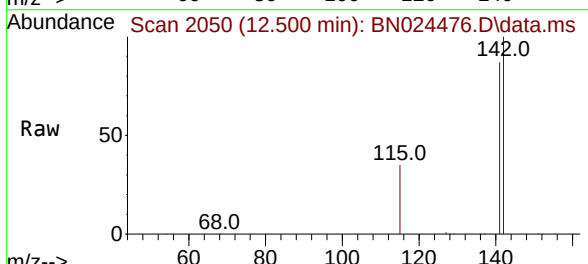
Reviewed By :Christian Giraldo 03/23/2023
 Supervised By :Jagrut Upadhyay 03/23/2023

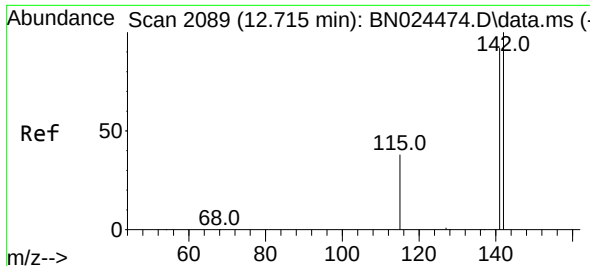


#7
2-Methylnaphthalene
 Concen: 46.891 ng/ul
 RT: 12.500 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: BN024476.D
 Acq: 22 Mar 2023 10:52

Tgt Ion:142 Resp: 2482785

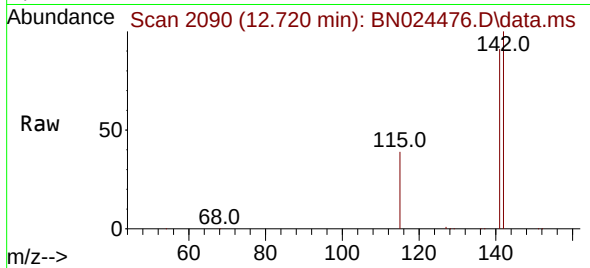
Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5





#8
1-Methylnaphthalene
Concen: 72.343 ng/ul
RT: 12.720 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

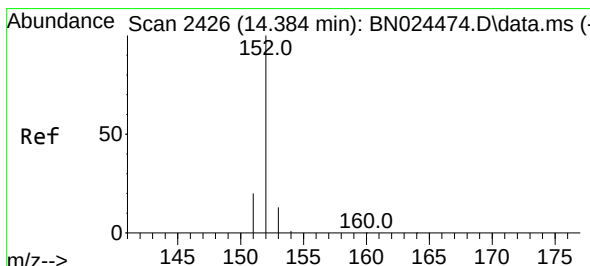
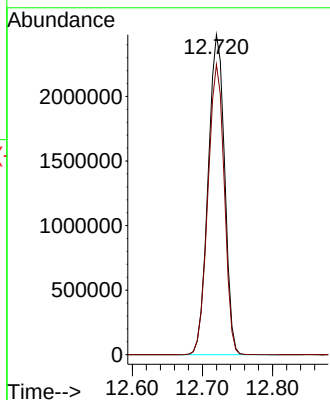
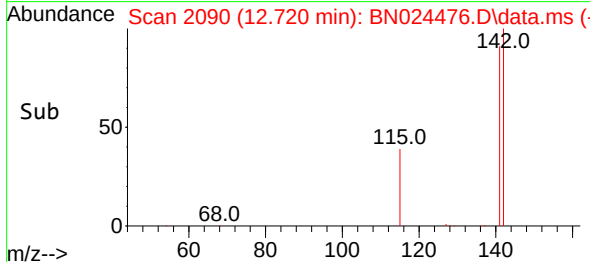
Instrument :
BNA_N
ClientSampleId :
DCAF9



Tgt Ion:142 Resp: 402546
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.6

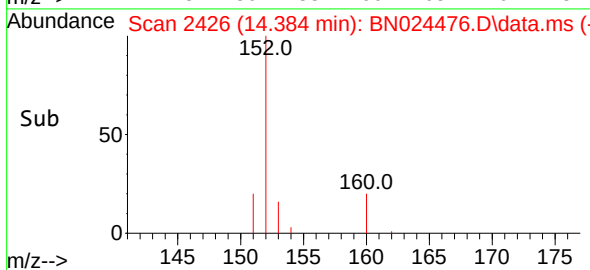
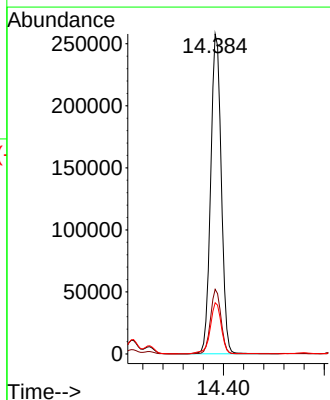
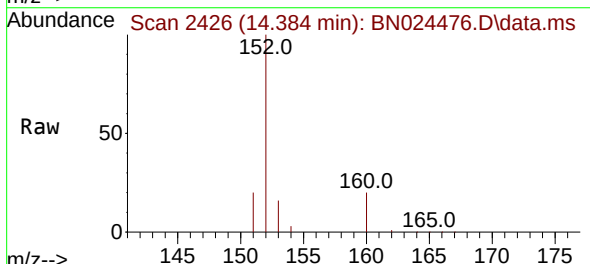
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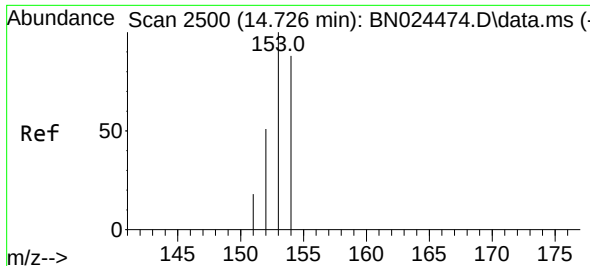
Reviewed By :Christian Giraldo 03/23/2023
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#10
Acenaphthylene
Concen: 3.560 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

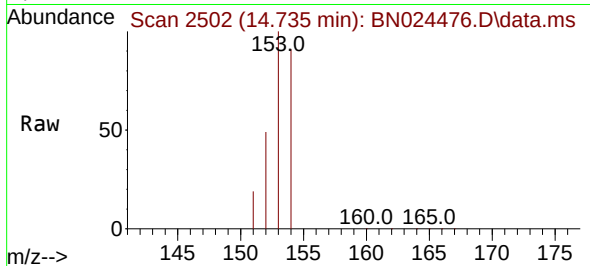
Tgt Ion:152 Resp: 375104
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 16.0 10.6 16.0#





#11
Acenaphthene
Concen: 80.061 ng/u1
RT: 14.735 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

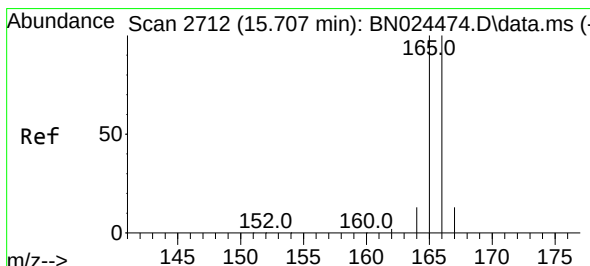
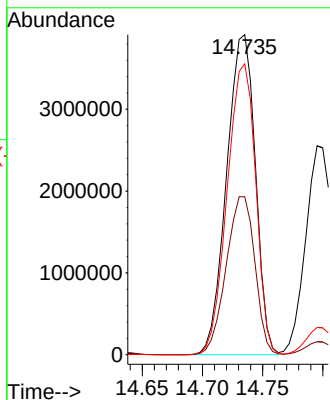
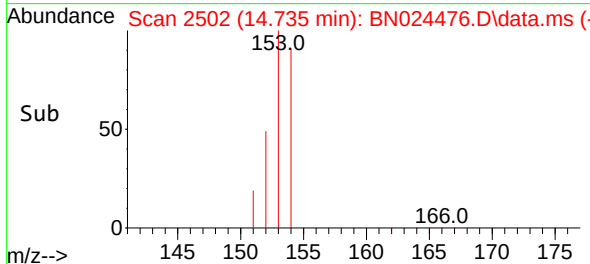
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 6499174
Ion Ratio Lower Upper
153 100
152 49.4 42.6 64.0
154 90.9 70.6 105.8

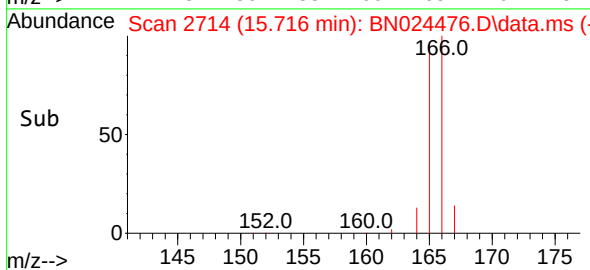
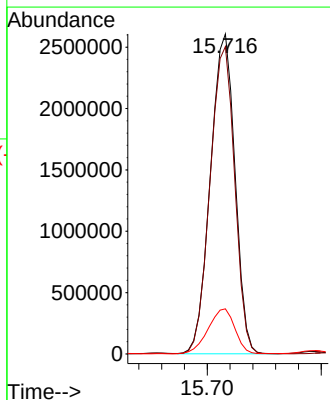
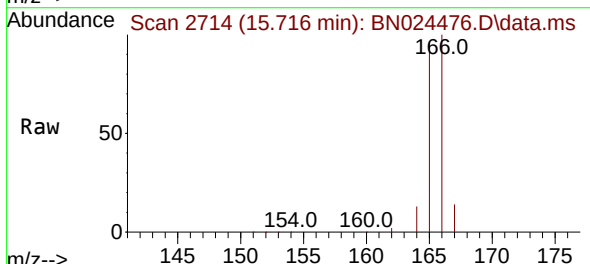
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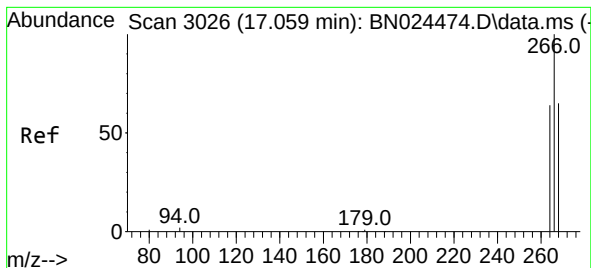
Reviewed By :Christian Giraldo 03/23/2023
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#12
Fluorene
Concen: 42.954 ng/u1
RT: 15.716 min Scan# 2714
Delta R.T. 0.009 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Tgt Ion:166 Resp: 3893843
Ion Ratio Lower Upper
166 100
165 96.1 77.4 116.0
167 14.1 10.9 16.3





#14

Pentachlorophenol

Concen: 9.576 ng/ul

RT: 17.059 min Scan# 3026

Delta R.T. -0.000 min

Lab File: BN024476.D

Acq: 22 Mar 2023 10:52

Instrument :

BNA_N

ClientSampleId :

DCAF9

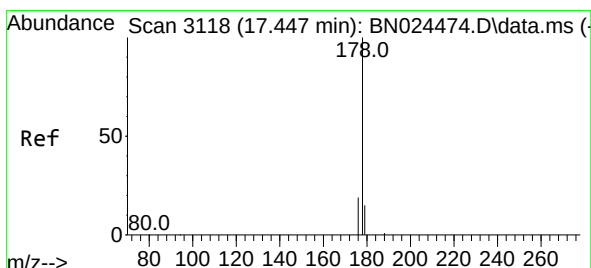
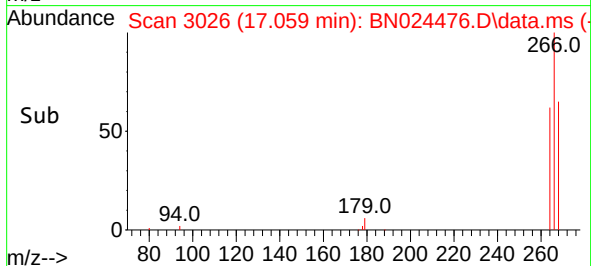
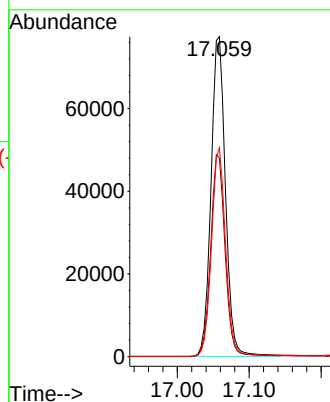
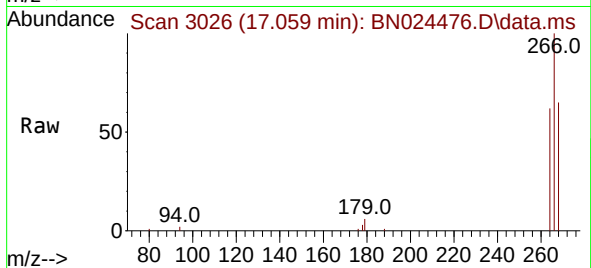
Tgt Ion:266 Resp: 10771

Ion	Ratio	Lower	Upper
266	100		
264	63.0	0.0	0.0
268	64.1	0.1	0.1

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Supervised By :Jagrut Upadhyay 03/23/2023



#15

Phenanthrene

Concen: 29.456 ng/ul

RT: 17.451 min Scan# 3119

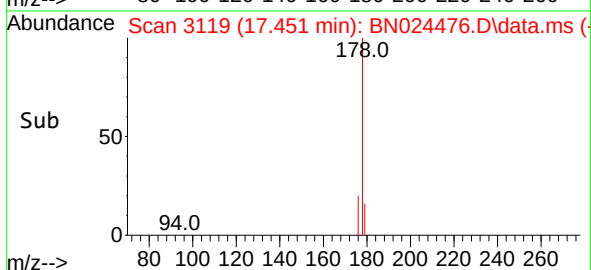
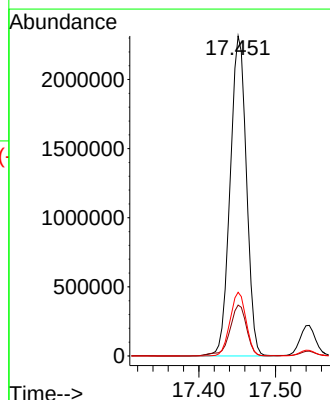
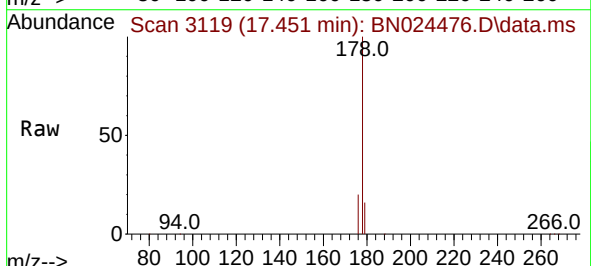
Delta R.T. 0.004 min

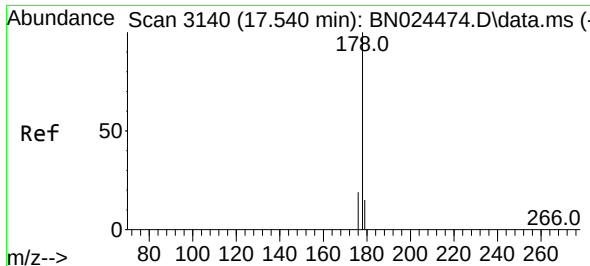
Lab File: BN024476.D

Acq: 22 Mar 2023 10:52

Tgt Ion:178 Resp: 3416500

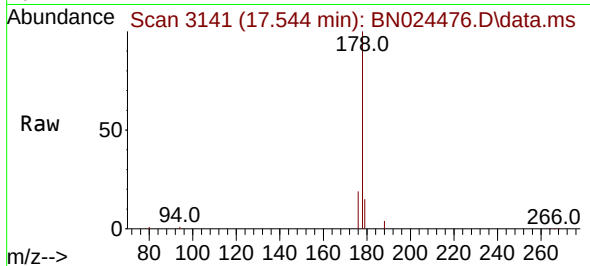
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.9	15.7	23.5





#16
 Anthracene
 Concen: 3.012 ng/u1
 RT: 17.544 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024476.D
 Acq: 22 Mar 2023 10:52

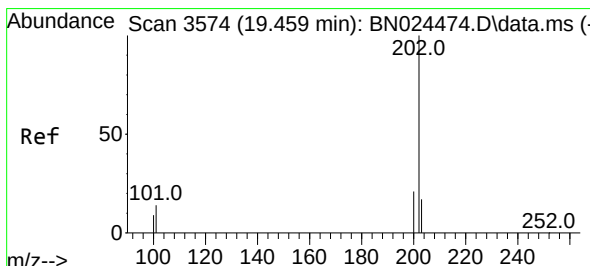
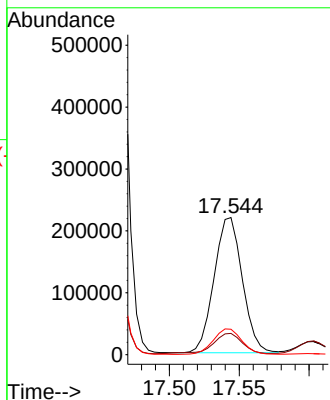
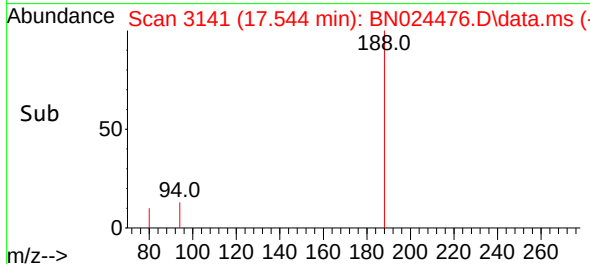
Instrument :
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Tgt Ion:178 Resp: 306500
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.6 15.3 22.9

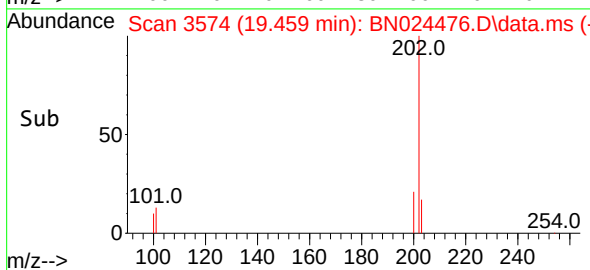
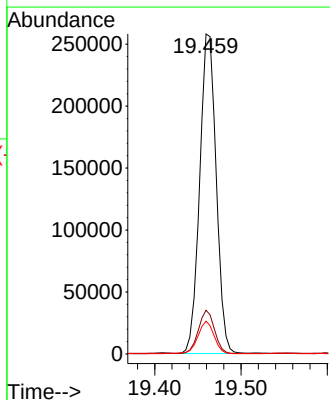
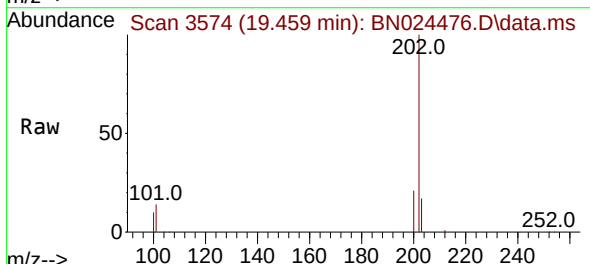
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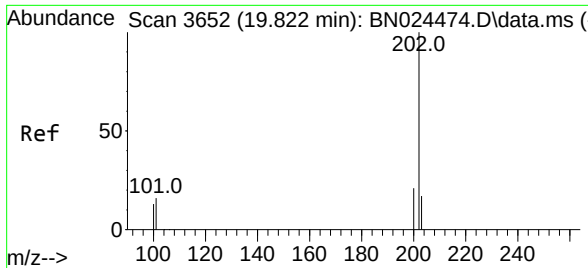
Reviewed By :Christian Giraldo 03/23/2023
 Supervised By :Jagrut Upadhyay 03/23/2023



#19
 Fluoranthene
 Concen: 2.995 ng/u1
 RT: 19.459 min Scan# 3574
 Delta R.T. -0.000 min
 Lab File: BN024476.D
 Acq: 22 Mar 2023 10:52

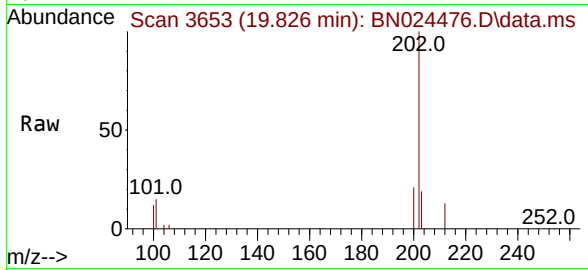
Tgt Ion:202 Resp: 343638
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.4 15.6
 100 10.2 7.7 11.5





#20
Pyrene
Concen: 1.198 ng/ul m
RT: 19.826 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Instrument :
BNA_N
ClientSampleId :
DCAF9



Tgt Ion:202 Resp: 13937
Ion Ratio Lower Upper
202 100
101 15.1 12.1 18.1
100 11.8 9.4 14.0

Manual Integrations
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