

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024430.D
 Acq On : 21 Mar 2023 02:58
 Operator : CG/JU
 Sample : 01996-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0A24MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 03:30:17 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 : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	13115	0.400	ng/u1	0.00
4) Naphthalene-d8	10.850	136	40398	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.666	164	21691	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	43434	0.400	ng/u1	0.00
17) Chrysene-d12	21.592	240	30932	0.400	ng/u1	0.00
23) Perylene-d12	24.091	264	24579	0.400	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	4510m	0.312	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.429	152	19096	0.398	ng/u1	0.00
18) Fluoranthene-d10	19.436	212	38912	0.473	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	159729	10.174	ng/u1	88
5) Naphthalene	10.900	128	38148	0.378	ng/u1	100
7) 2-Methylnaphthalene	12.506	142	23837	0.390	ng/u1	99
8) 1-Methylnaphthalene	12.720	142	25159	0.391	ng/u1	100
10) Acenaphthylene	14.388	152	36182	0.400	ng/u1	100
11) Acenaphthene	14.731	153	26814	0.385	ng/u1	99
12) Fluorene	15.716	166	30360	0.390	ng/u1	99
14) Pentachlorophenol	17.059	266	8918	0.739	ng/u1#	73
15) Phenanthrene	17.456	178	49989	0.402	ng/u1	99
16) Anthracene	17.544	178	47805	0.438	ng/u1	100
19) Fluoranthene	19.464	202	55021	0.447	ng/u1	99
20) Pyrene	19.827	202	55797	0.447	ng/u1	98
21) Benzo(a)anthracene	21.574	228	43001	0.426	ng/u1	100
22) Chrysene	21.633	228	43669	0.410	ng/u1	99
24) Benzo(b)fluoranthene	23.325	252	40684	0.433	ng/u1	97
25) Benzo(k)fluoranthene	23.378	252	39094	0.401	ng/u1	96
26) Benzo(a)pyrene	23.977	252	33116	0.410	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.706	276	36879	0.405	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.727	278	28356	0.410	ng/u1	97
29) Benzo(g,h,i)perylene	27.521	276	31846	0.404	ng/u1	98

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

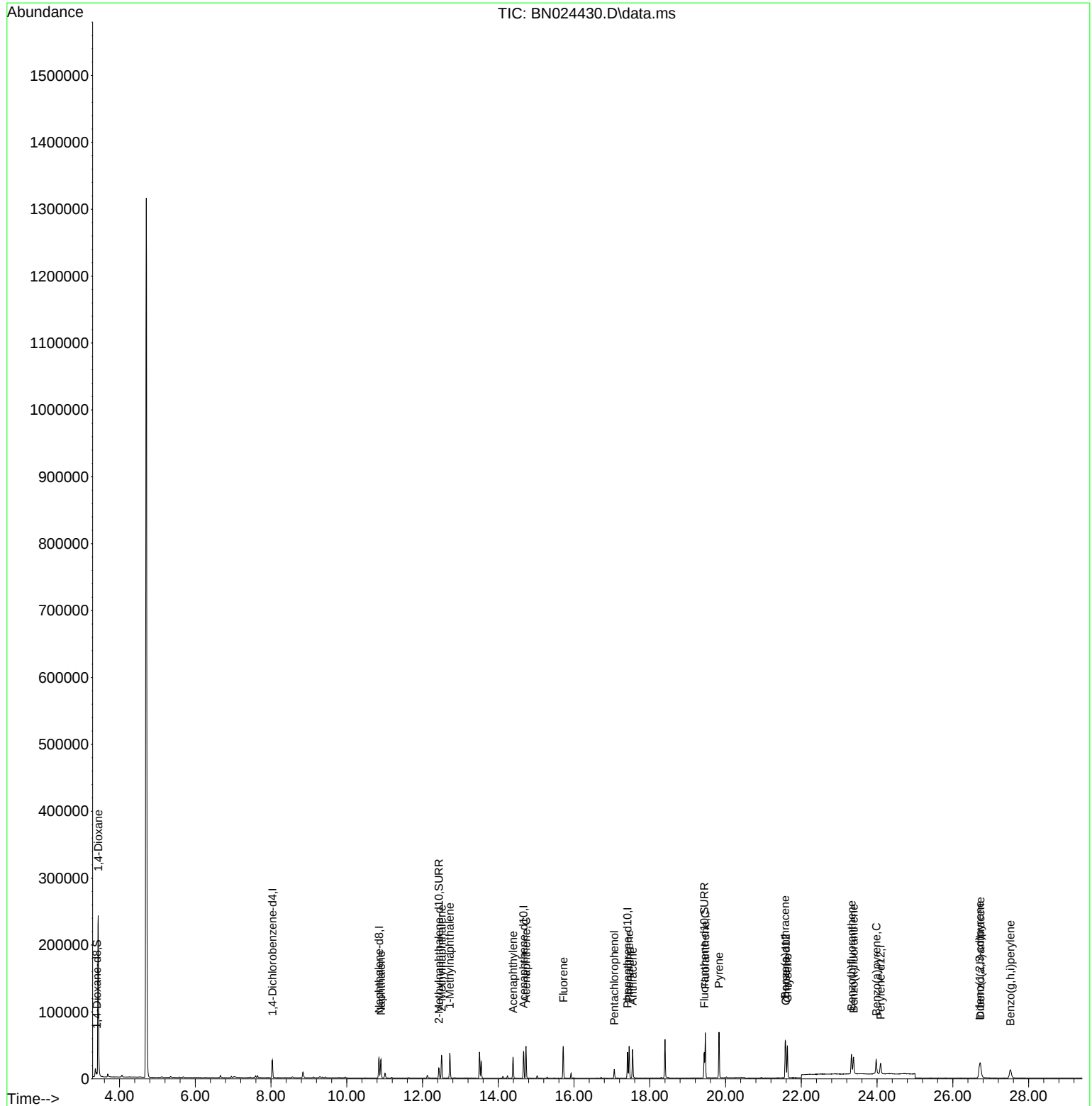
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024430.D
Acq On : 21 Mar 2023 02:58
Operator : CG/JU
Sample : 01996-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

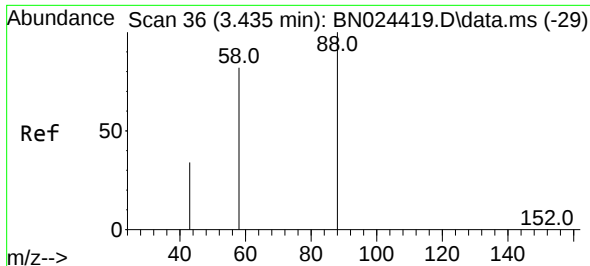
Instrument :
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Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

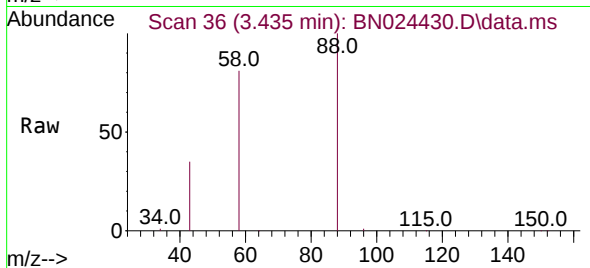
Quant Time: Mar 21 03:30:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 10.174 ng/ul
RT: 3.435 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

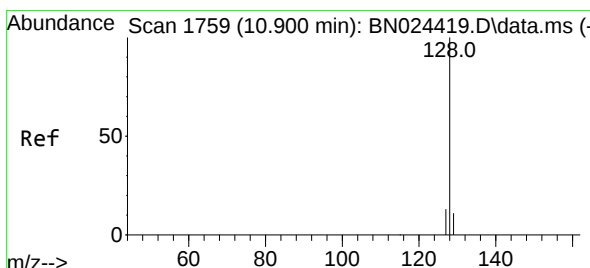
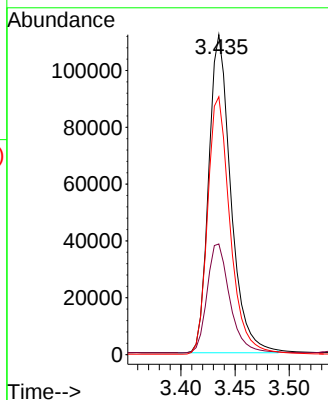
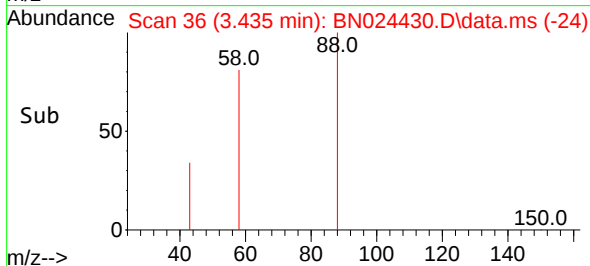
Instrument :
BNA_N
ClientSampleId :
H0A24MS



Tgt Ion: 88 Resp: 159729
Ion Ratio Lower Upper
88 100
43 34.6 32.1 48.1
58 80.6 55.1 82.7

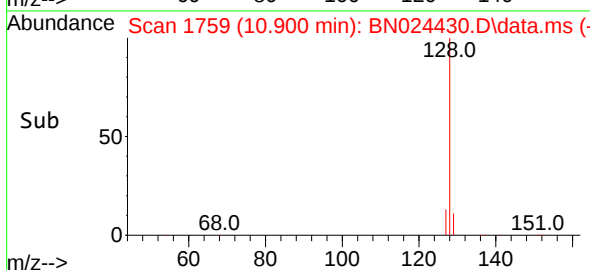
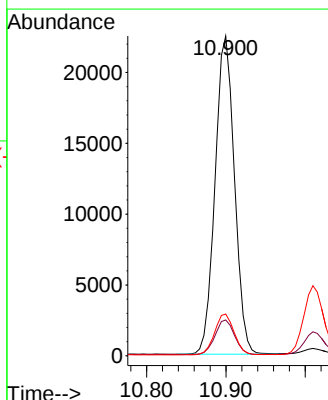
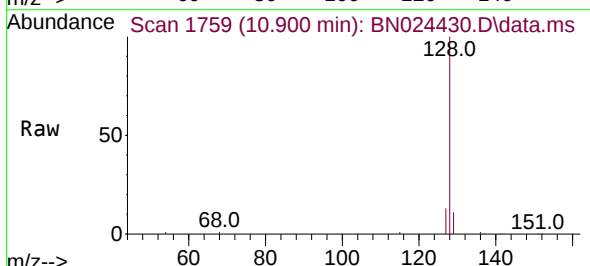
Manual Integrations
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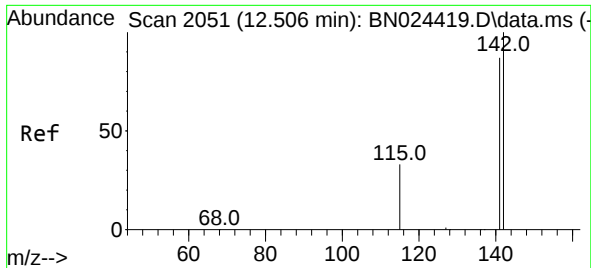
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

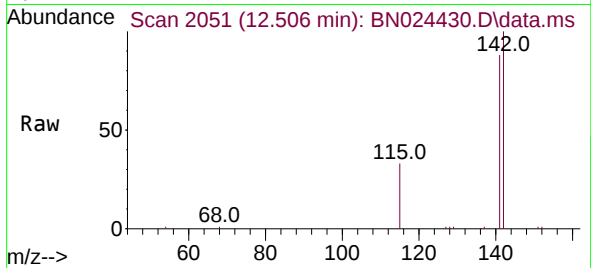
Tgt Ion:128 Resp: 38148
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

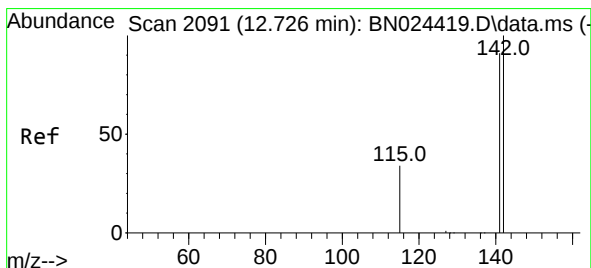
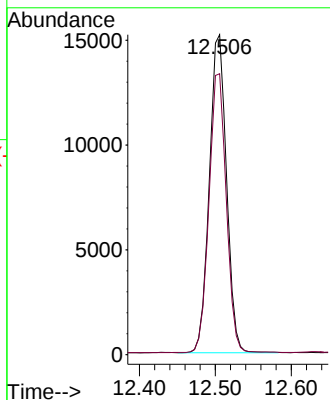
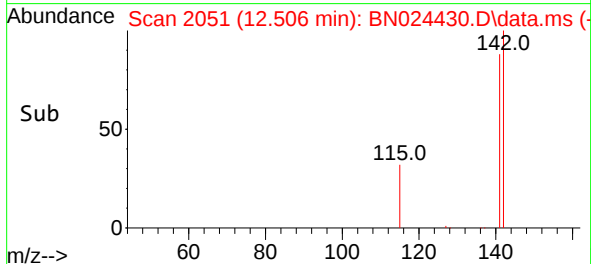
Instrument :
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ClientSampleId :
H0A24MS



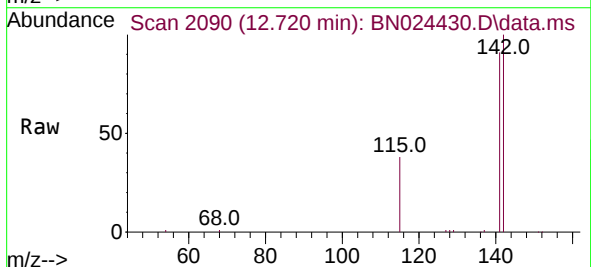
Tgt Ion:142 Resp: 2383
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

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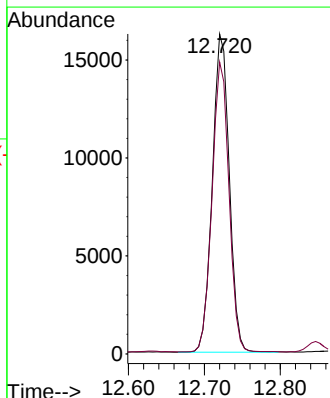
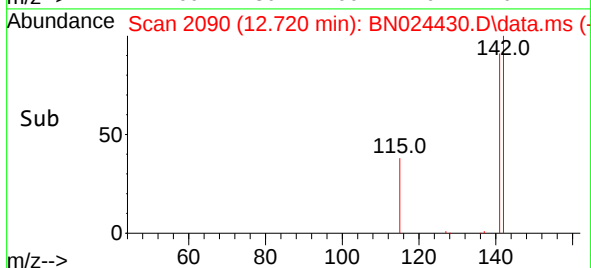
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

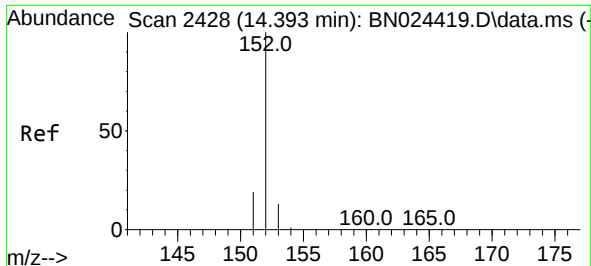


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58



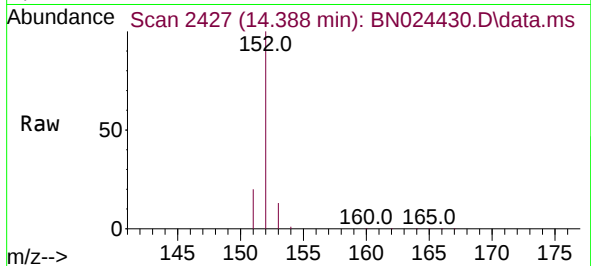
Tgt Ion:142 Resp: 25159
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

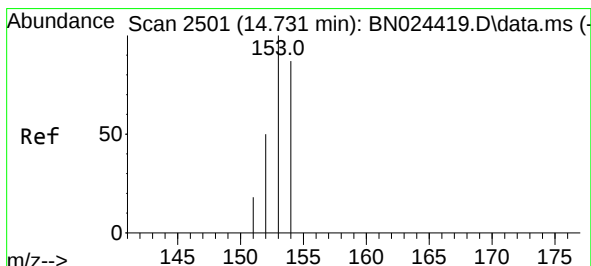
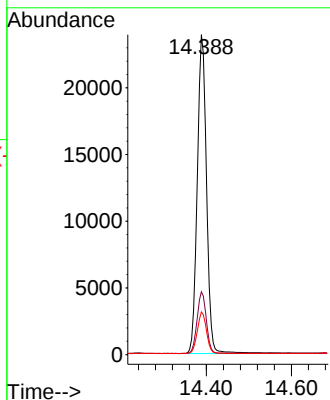
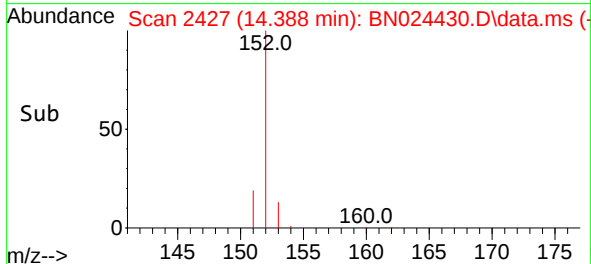
Instrument :
BNA_N
ClientSampleId :
H0A24MS



Tgt Ion:152 Resp: 36182
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.3 10.6 16.0

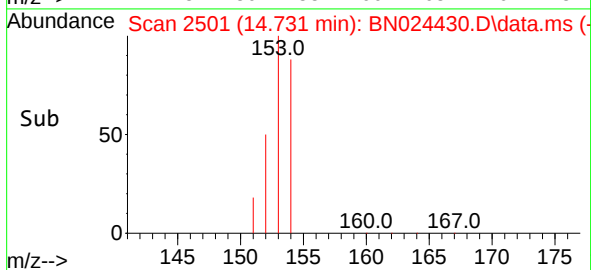
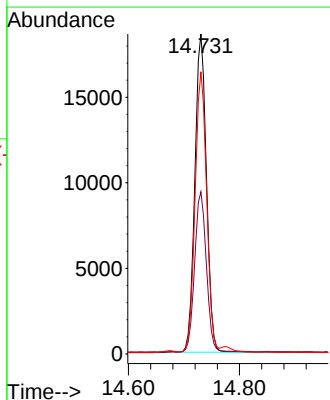
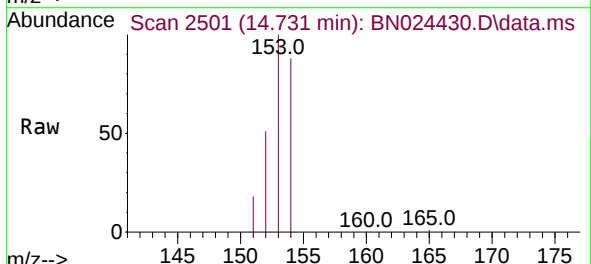
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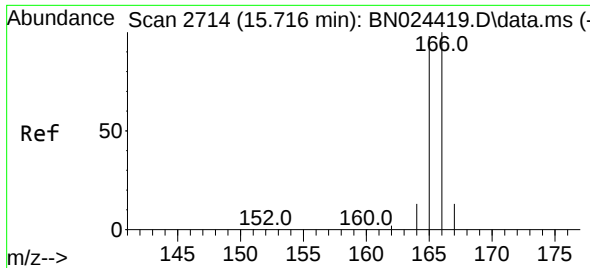
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

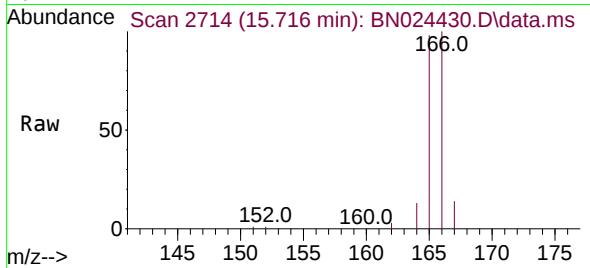
Tgt Ion:153 Resp: 26814
Ion Ratio Lower Upper
153 100
152 50.7 42.6 64.0
154 88.2 70.6 105.8





#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

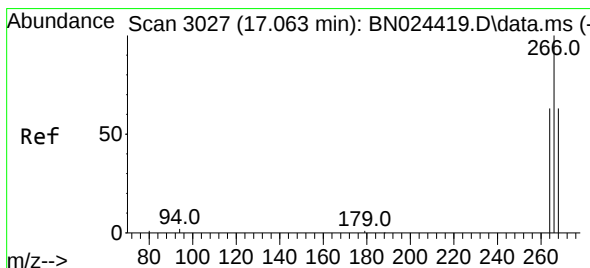
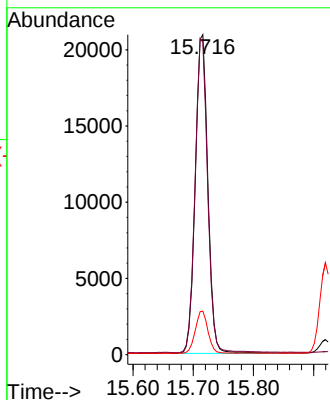
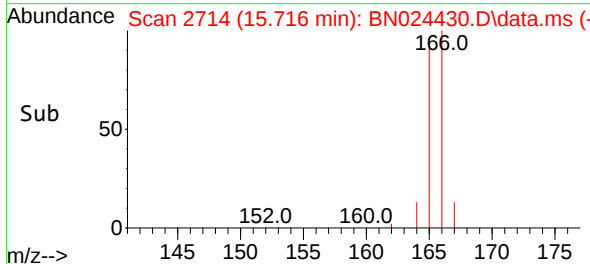
Instrument :
BNA_N
ClientSampleId :
H0A24MS



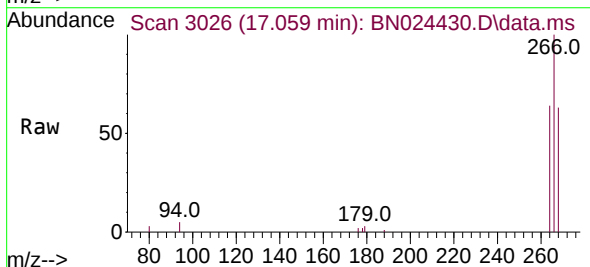
Tgt Ion:166 Resp: 30360
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.6 10.9 16.3

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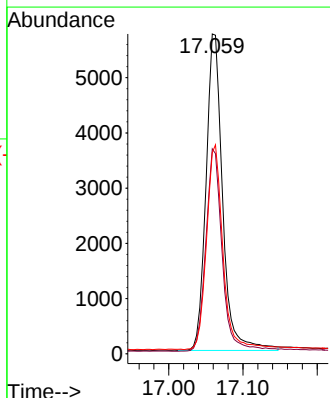
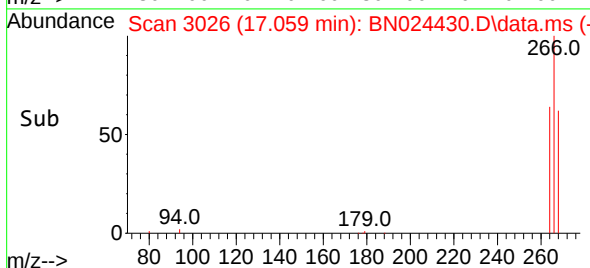
Reviewed By :Christian Giraldo 03/21/2023
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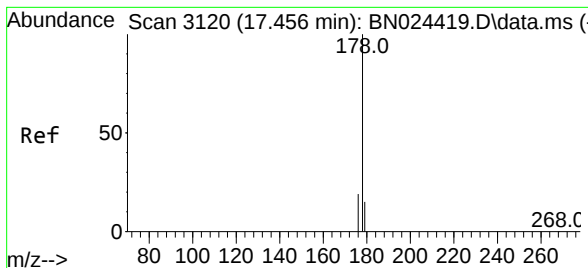


#14
Pentachlorophenol
Concen: 0.739 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58



Tgt Ion:266 Resp: 8918
Ion Ratio Lower Upper
266 100
264 63.0 0.0 0.0#
268 64.1 0.1 0.1#





#15

Phenanthrene

Concen: 0.402 ng/ul

RT: 17.456 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BN024430.D

Acq: 21 Mar 2023 02:58

Instrument :

BNA_N

ClientSampleId :

H0A24MS

Tgt Ion:178 Resp: 49989

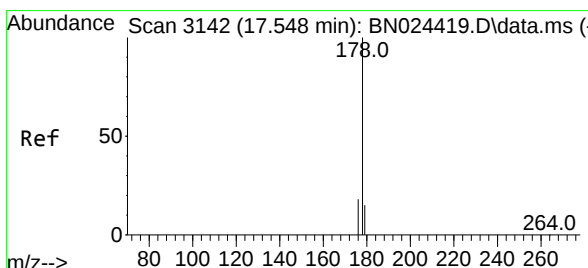
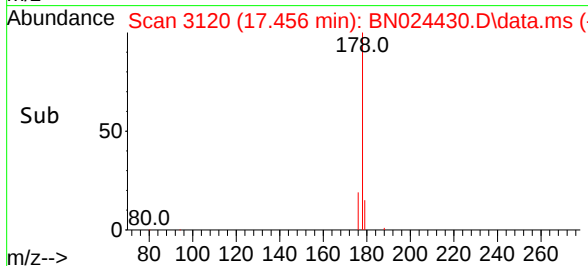
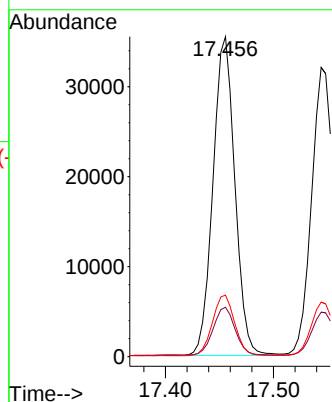
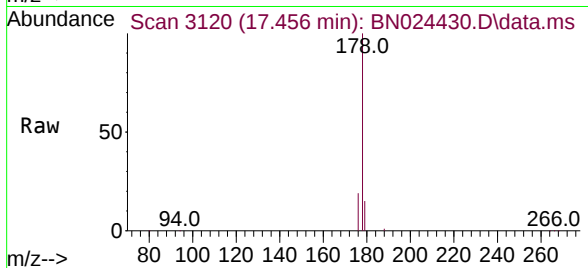
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	15.7	23.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/21/2023



#16

Anthracene

Concen: 0.438 ng/ul

RT: 17.544 min Scan# 3141

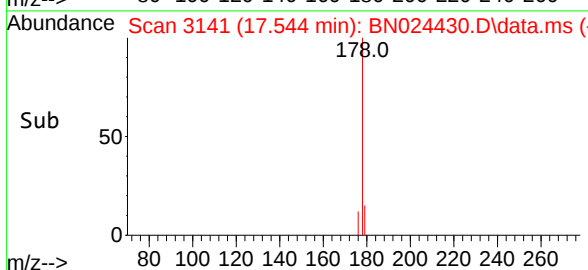
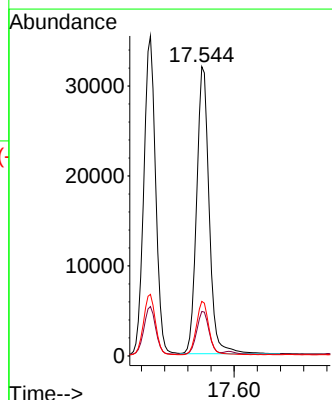
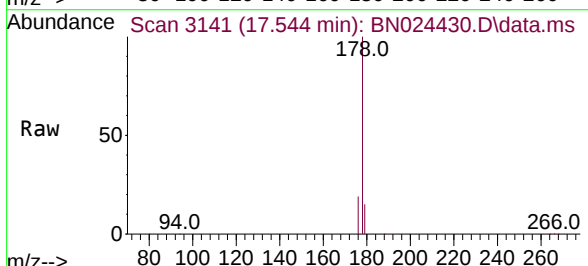
Delta R.T. -0.004 min

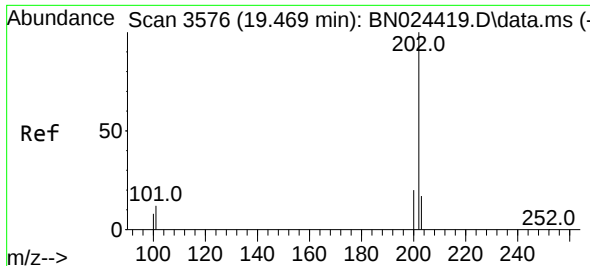
Lab File: BN024430.D

Acq: 21 Mar 2023 02:58

Tgt Ion:178 Resp: 47805

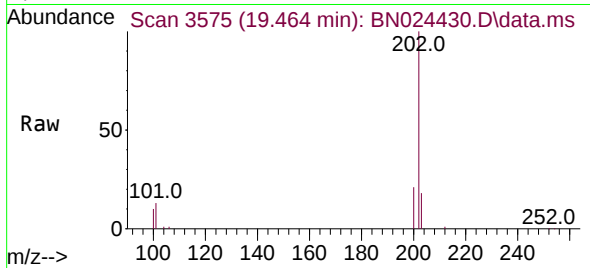
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.8	15.3	22.9





#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

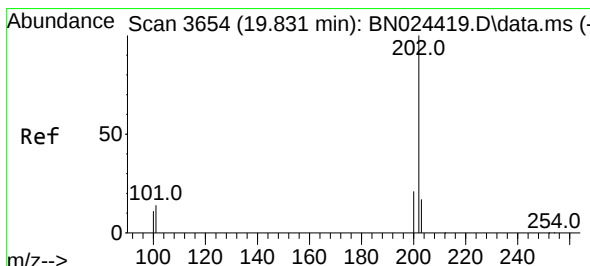
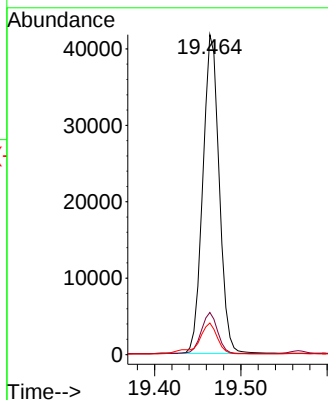
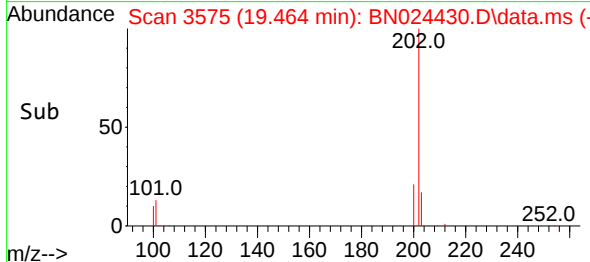
Instrument :
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H0A24MS



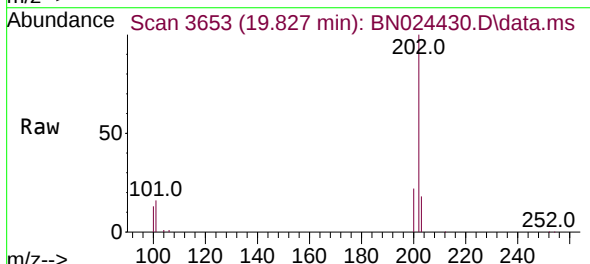
Tgt Ion:202 Resp: 55021
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.9 7.7 11.5

Manual Integrations
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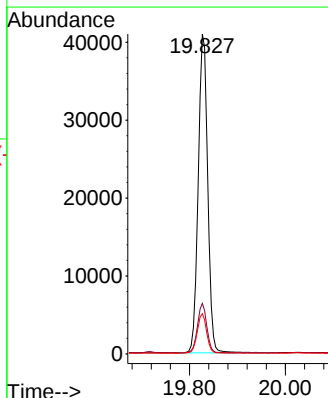
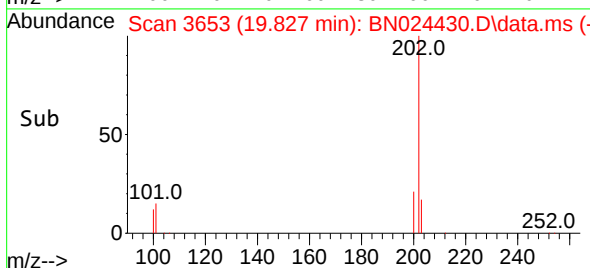
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

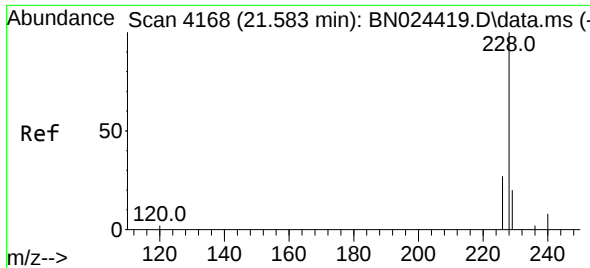


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.827 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58



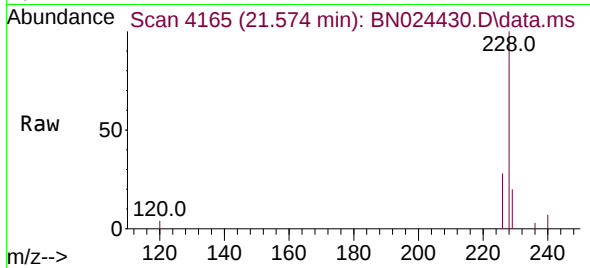
Tgt Ion:202 Resp: 55797
Ion Ratio Lower Upper
202 100
101 15.8 12.1 18.1
100 12.6 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.574 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

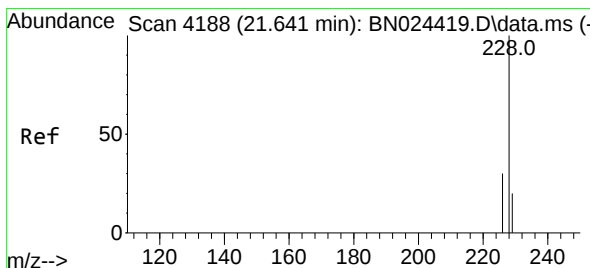
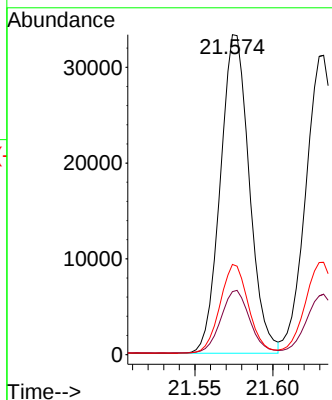
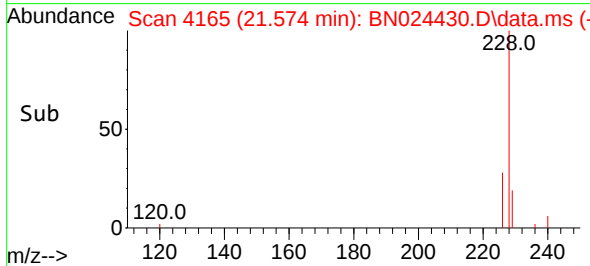
Instrument :
BNA_N
ClientSampleId :
H0A24MS



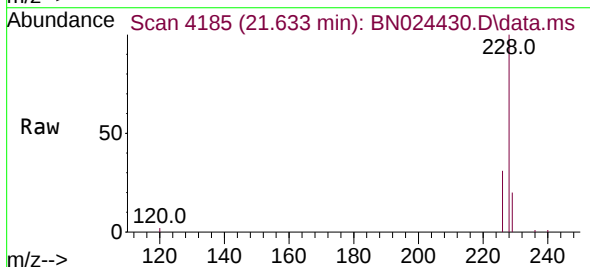
Tgt Ion:228 Resp: 43001
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.2 22.2 33.4

Manual Integrations
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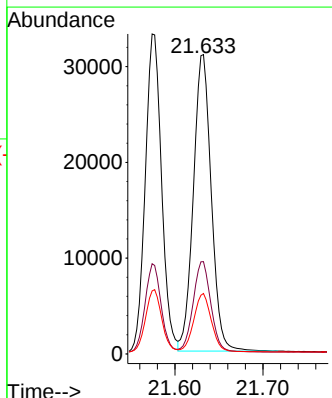
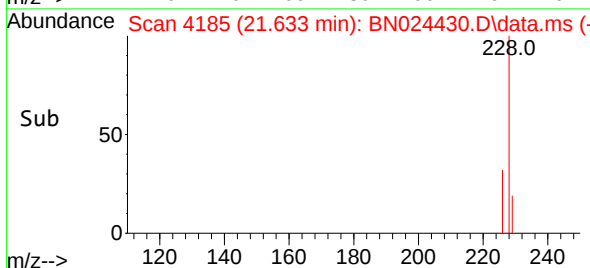
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

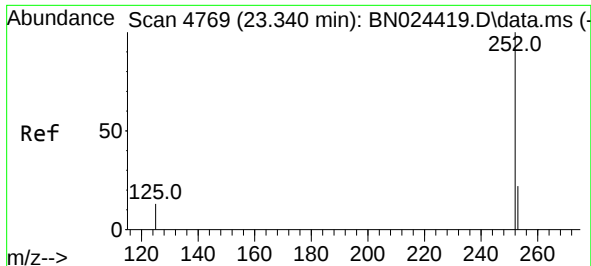


#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.633 min Scan# 4185
Delta R.T. -0.009 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58



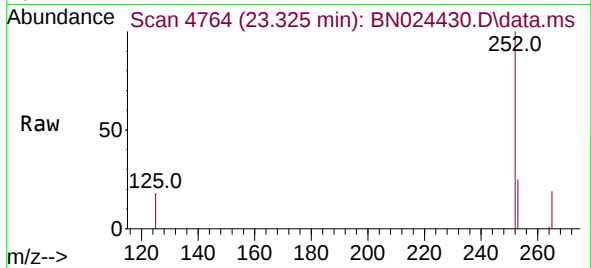
Tgt Ion:228 Resp: 43669
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 20.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.325 min Scan# 4764
Delta R.T. -0.015 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

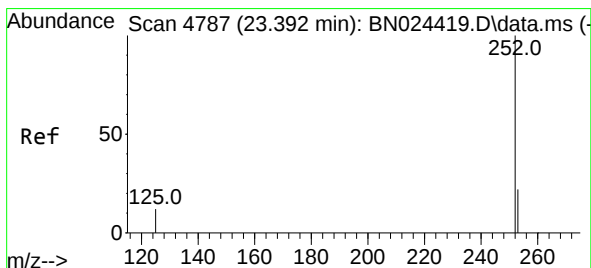
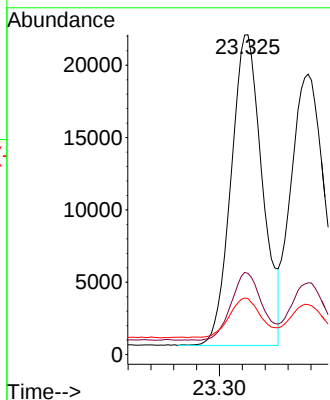
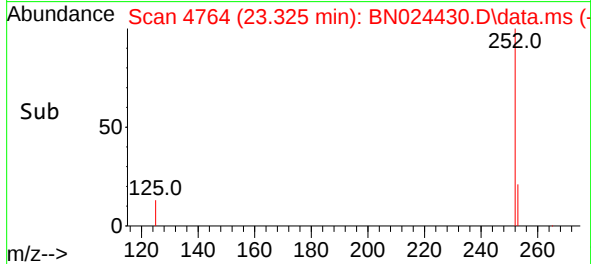
Instrument :
BNA_N
ClientSampleId :
H0A24MS



Tgt Ion:252 Resp: 40684
Ion Ratio Lower Upper
252 100
253 25.4 0.0 46.2
125 17.5 0.0 34.0

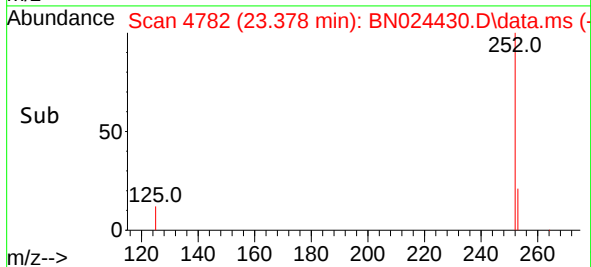
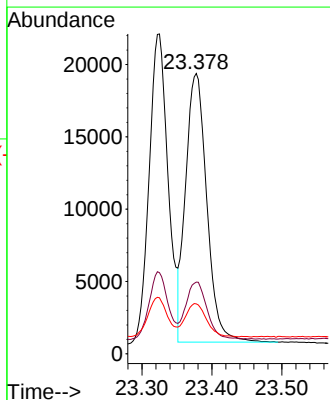
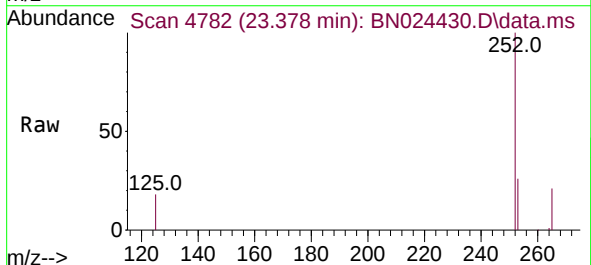
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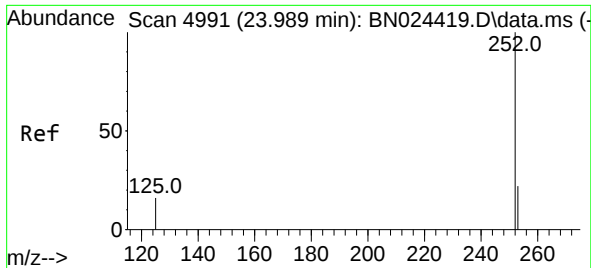
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.378 min Scan# 4782
Delta R.T. -0.015 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

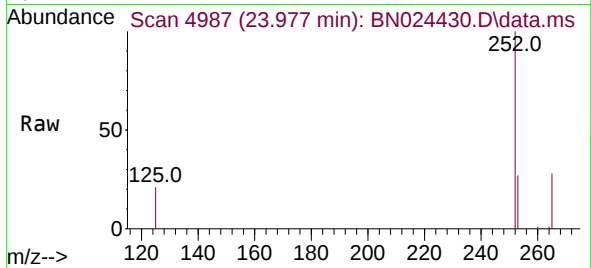
Tgt Ion:252 Resp: 39094
Ion Ratio Lower Upper
252 100
253 25.6 18.5 27.7
125 17.8 13.2 19.8





#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.977 min Scan# 4991
Delta R.T. -0.012 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

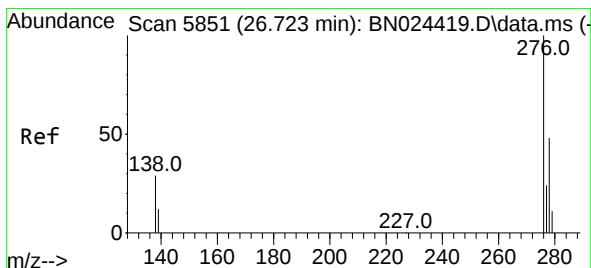
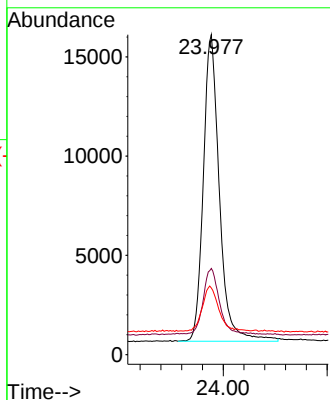
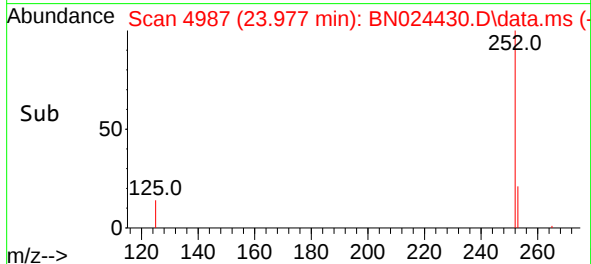
Instrument :
BNA_N
ClientSampleId :
H0A24MS



Tgt Ion:252 Resp: 33116
Ion Ratio Lower Upper
252 100
253 26.9 19.2 28.8
125 20.8 15.8 23.6

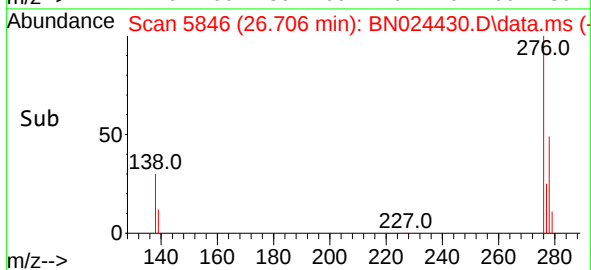
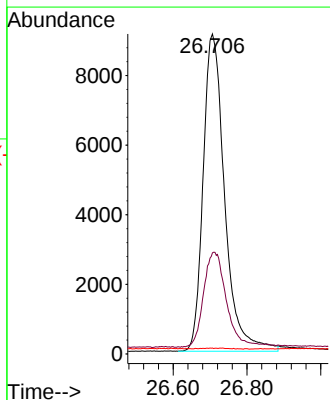
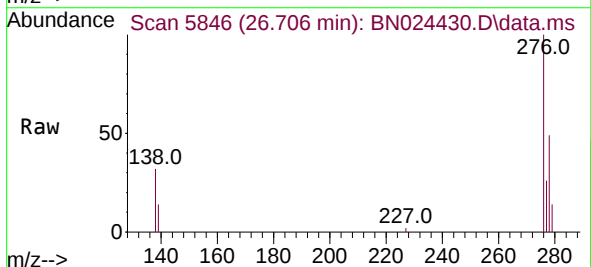
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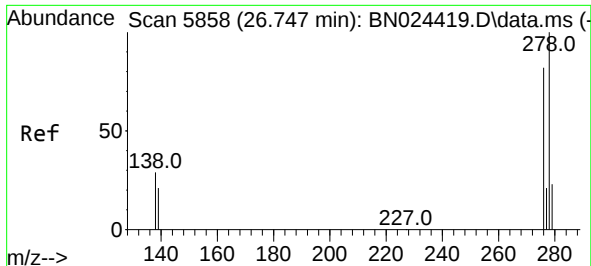
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.706 min Scan# 5846
Delta R.T. -0.017 min
Lab File: BN024430.D
Acq: 21 Mar 2023 02:58

Tgt Ion:276 Resp: 36879
Ion Ratio Lower Upper
276 100
138 32.1 0.0 0.0#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 26.727 min Scan# 5858

Delta R.T. -0.020 min

Lab File: BN024430.D

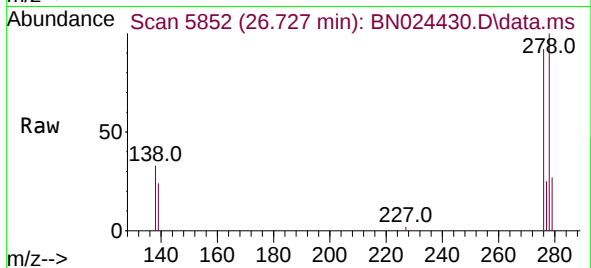
Acq: 21 Mar 2023 02:58

Instrument :

BNA_N

ClientSampleId :

H0A24MS



Tgt Ion:278 Resp: 28356

Ion Ratio Lower Upper

278 100

139 24.5 21.0 31.6

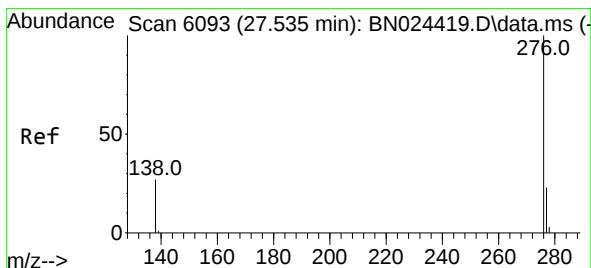
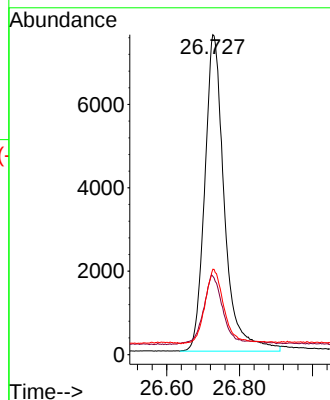
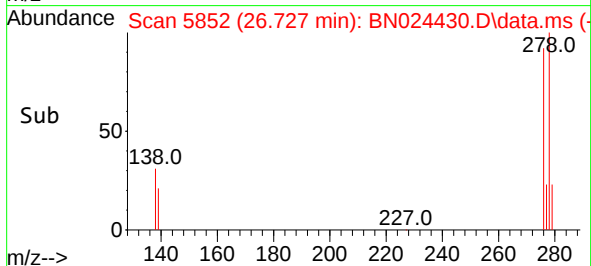
279 26.7 20.4 30.6

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Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#29

Benzo(g,h,i)perylene

Concen: 0.404 ng/ul

RT: 27.521 min Scan# 6089

Delta R.T. -0.013 min

Lab File: BN024430.D

Acq: 21 Mar 2023 02:58

Tgt Ion:276 Resp: 31846

Ion Ratio Lower Upper

276 100

138 29.7 25.2 37.8

277 24.3 19.4 29.2

