

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051223\
 Data File : BN025433.D
 Acq On : 12 May 2023 13:06
 Operator : CG/JU
 Sample : 02722-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 12 18:18:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 00:57:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	9988	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	35605	0.400	ng	0.00
13) Acenaphthene-d10	14.544	164	41835	0.400	ng	# 0.00
19) Phenanthrene-d10	17.298	188	60660	0.400	ng	# 0.00
29) Chrysene-d12	21.486	240	40682	0.400	ng	# 0.00
35) Perylene-d12	23.920	264	38255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	138	0.006	ng	0.00
5) Phenol-d6	7.051	99	13	0.000	ng	-0.03
8) Nitrobenzene-d5	9.105	82	1729	0.060	ng	0.02
11) 2-Methylnaphthalene-d10	12.302	152	130	0.003	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	98	0.004	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	604	0.004	ng	-0.01
27) Fluoranthene-d10	19.325	212	984	0.007	ng	0.00
31) Terphenyl-d14	19.911	244	3520	0.036	ng	-0.01
Target Compounds						
9) Naphthalene	10.750	128	4224m	0.047	ng	Qvalue
12) 2-Methylnaphthalene	12.373	142	18485	0.298	ng	95
18) Fluorene	15.592	166	53891	0.354	ng	# 74
25) Phenanthrene	17.336	178	465887	2.837	ng	# 83
28) Fluoranthene	19.359	202	33243	0.175	ng	# 69
30) Pyrene	19.743	202	30702	0.179	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.378	149	10512	0.079	ng	# 27

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

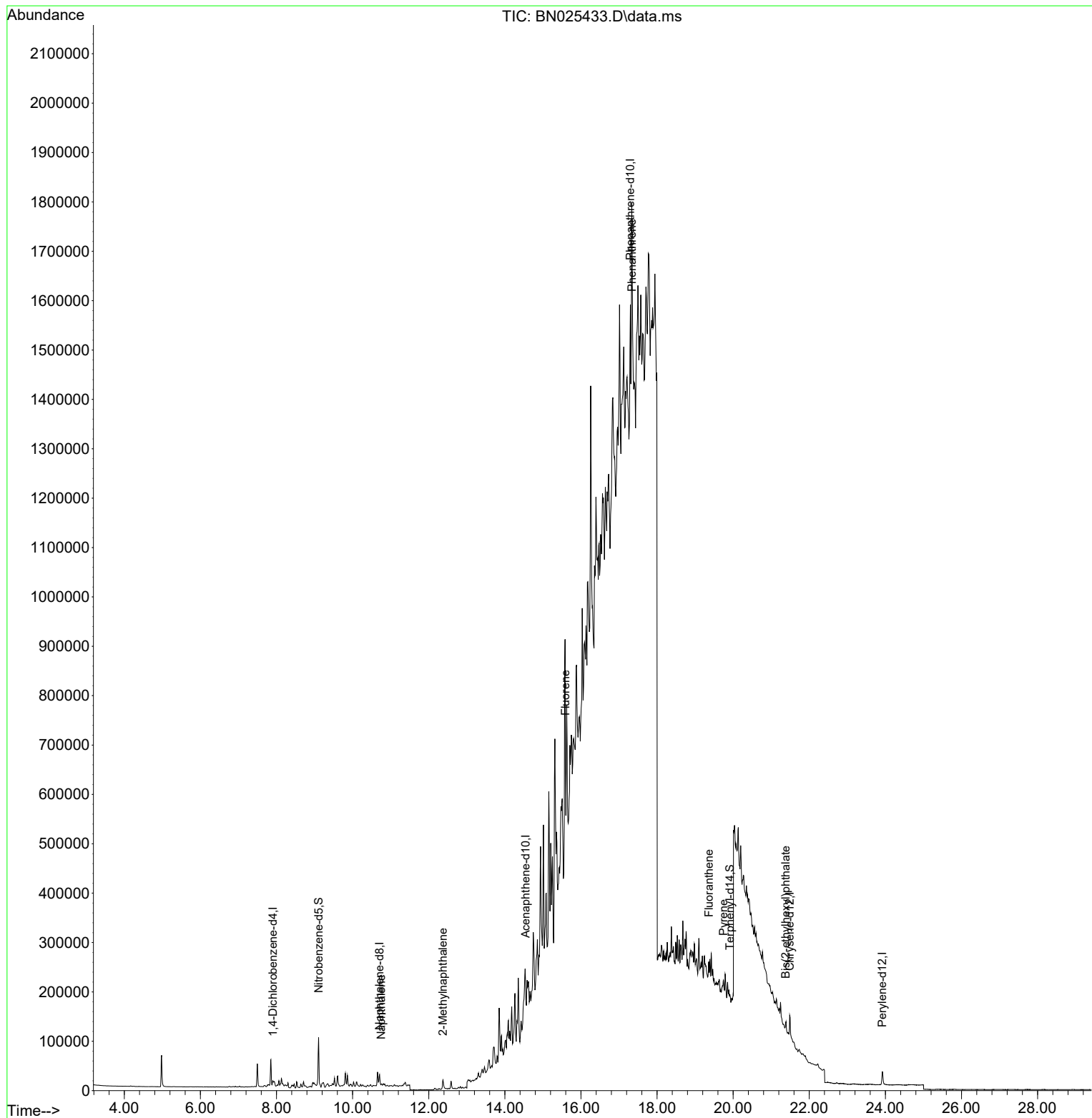
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051223\
Data File : BN025433.D
Acq On : 12 May 2023 13:06
Operator : CG/JU
Sample : 02722-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

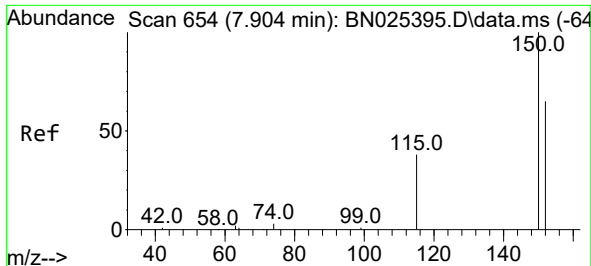
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





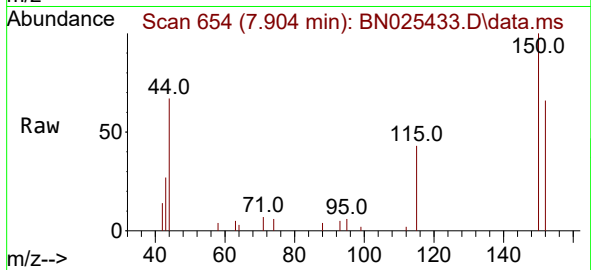
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 654
Delta R.T. -0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

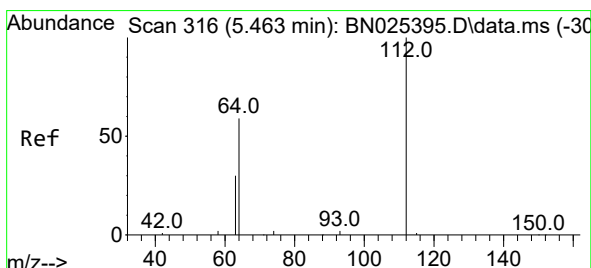
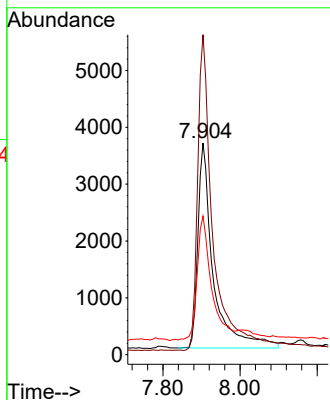
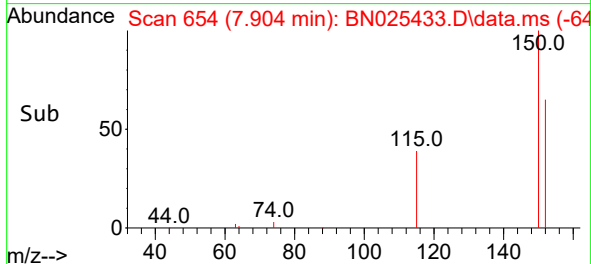


Tgt Ion:152 Resp: 998
Ion Ratio Lower Upper
152 100
150 151.2 121.4 182.2
115 65.5 50.6 76.0

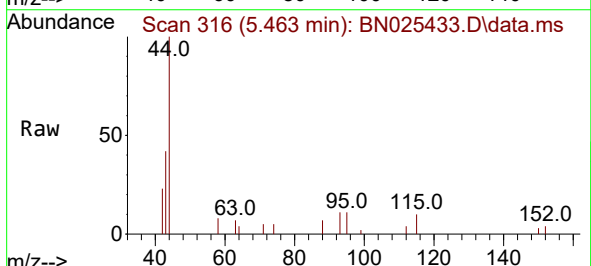
Manual Integrations

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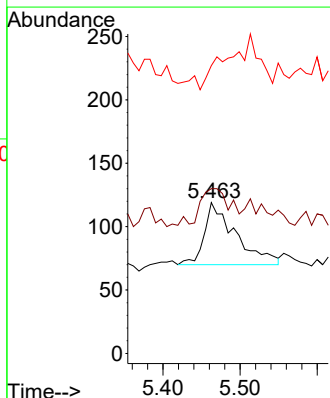
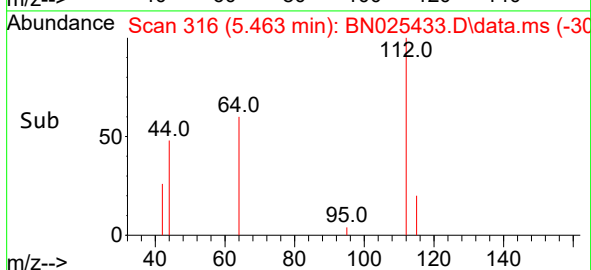
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Jagrut Upadhyay 05/15/2023

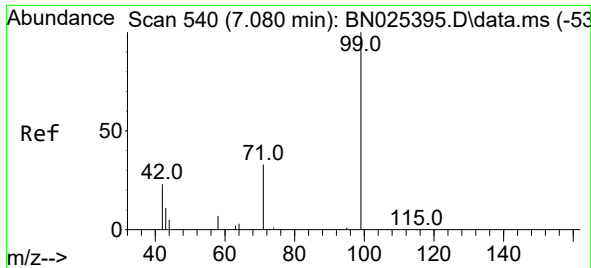


#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



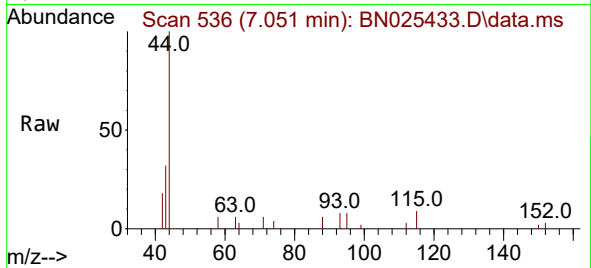
Tgt Ion:112 Resp: 138
Ion Ratio Lower Upper
112 100
64 60.9 51.9 77.9
63 0.0 27.4 41.2#





#5
Phenol-d6
Concen: 0.000 ng
RT: 7.051 min Scan# 511
Delta R.T. -0.029 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

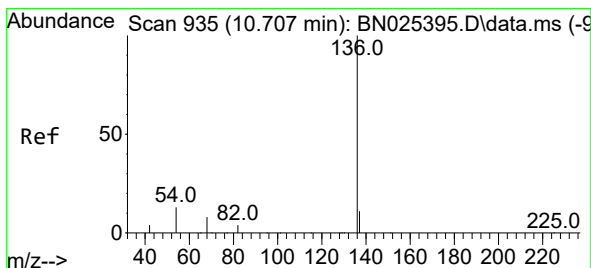
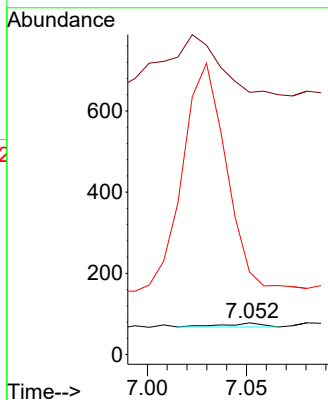
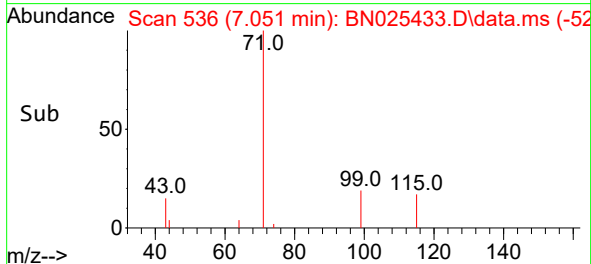
Instrument :
BNA_N
ClientSampleId :
CO-54926DL



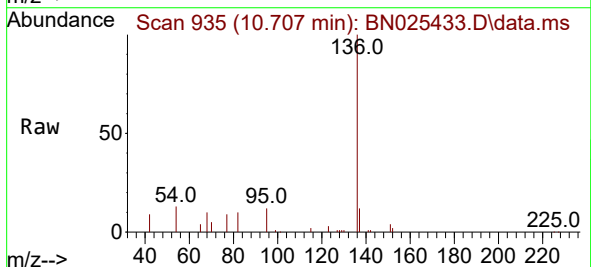
Tgt Ion: 99 Resp: 111
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3
71 0.0 28.1 42.1

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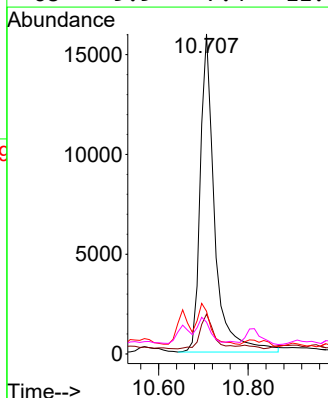
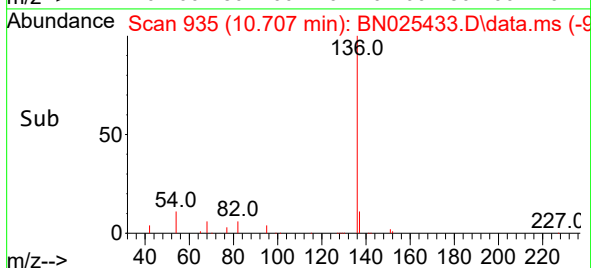
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Jagrut Upadhyay 05/15/2023

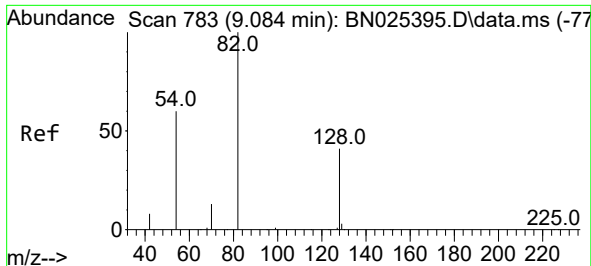


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



Tgt Ion:136 Resp: 35605
Ion Ratio Lower Upper
136 100
137 12.4 9.1 13.7
54 13.4 11.2 16.8
68 9.9 7.4 11.0





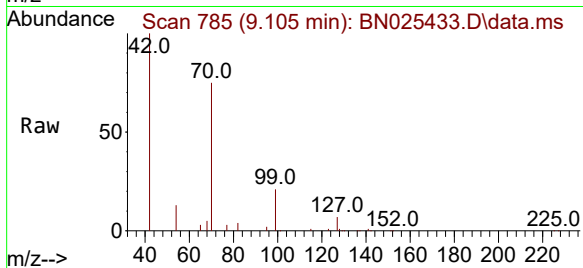
#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 9.105 min Scan# 785
Delta R.T. 0.021 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

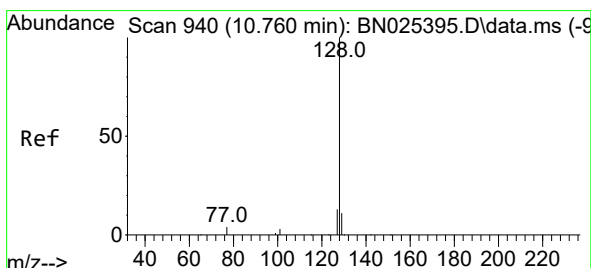
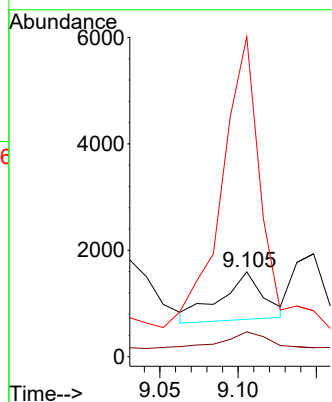
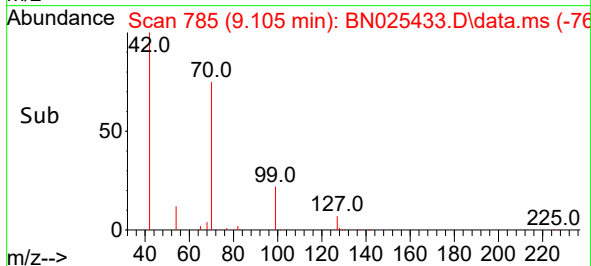


Tgt Ion: 82 Resp: 1729
Ion Ratio Lower Upper
82 100
128 29.2 35.8 53.8#
54 377.3 50.4 75.6#

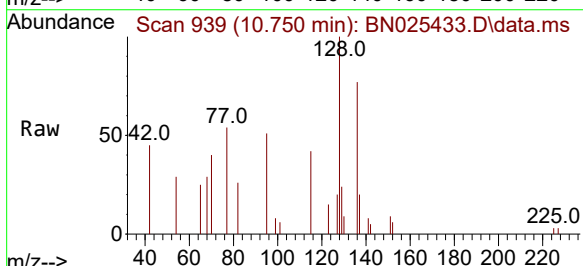
Manual Integrations

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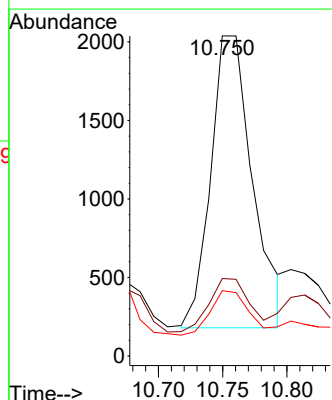
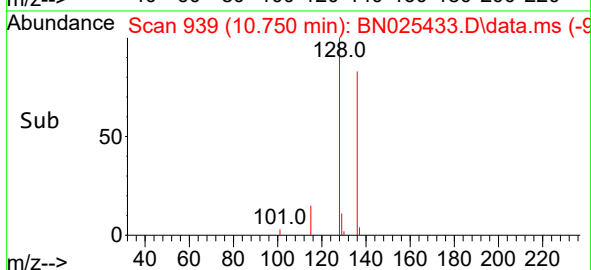
Reviewed By :Christian Giraldo 05/15/2023
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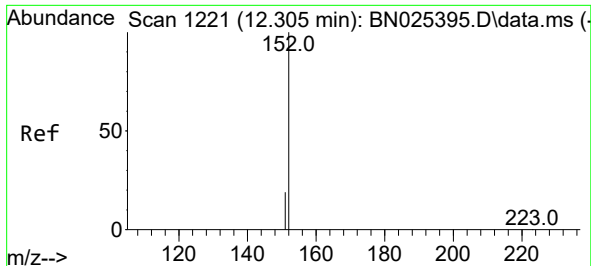


#9
Naphthalene
Concen: 0.047 ng m
RT: 10.750 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



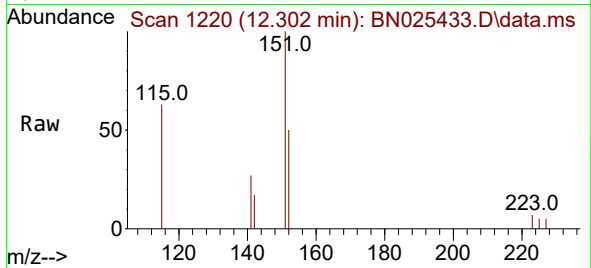
Tgt Ion:128 Resp: 4224
Ion Ratio Lower Upper
128 100
129 24.2 9.3 13.9#
127 20.4 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.302 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

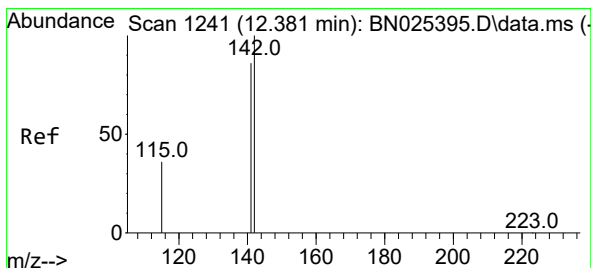
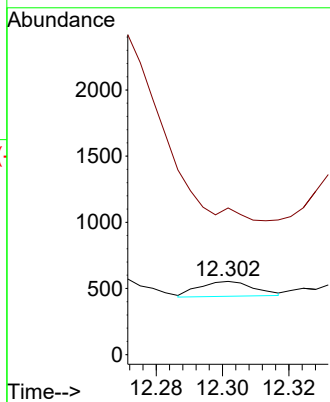
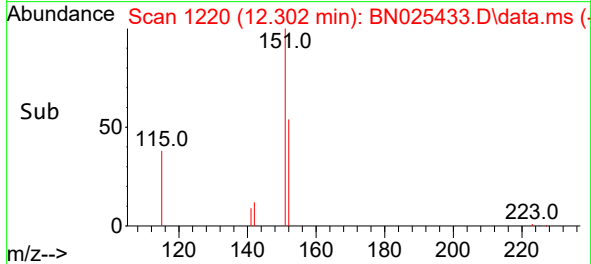
Instrument :
BNA_N
ClientSampleId :
CO-54926DL



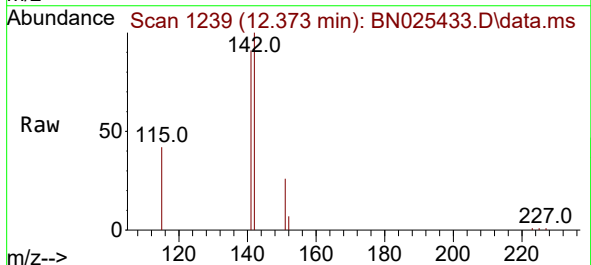
Tgt Ion:152 Resp: 130
Ion Ratio Lower Upper
152 100
151 0.0 16.1 24.1

Manual Integrations
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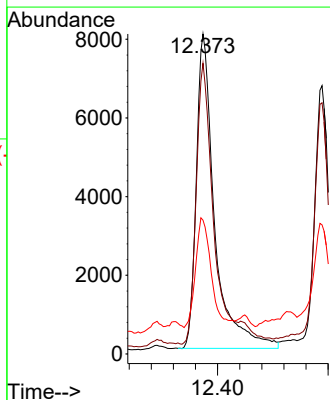
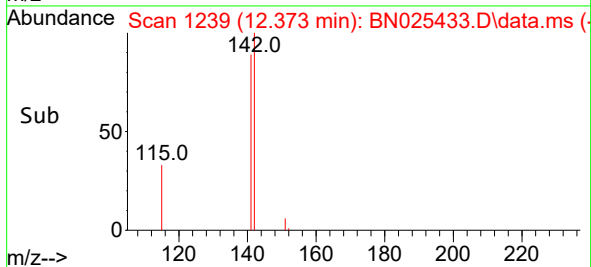
Reviewed By :Christian Giraldo 05/15/2023
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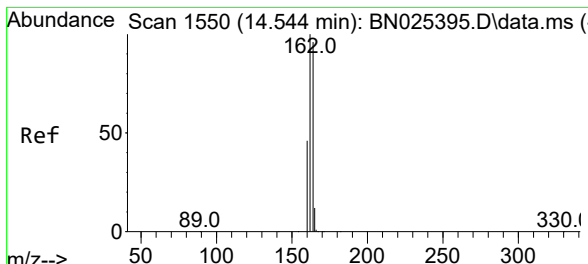


#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.373 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



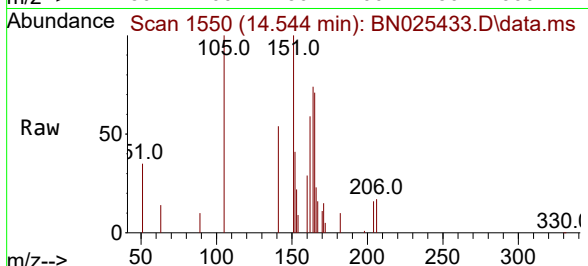
Tgt Ion:142 Resp: 18485
Ion Ratio Lower Upper
142 100
141 90.8 69.3 103.9
115 41.8 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

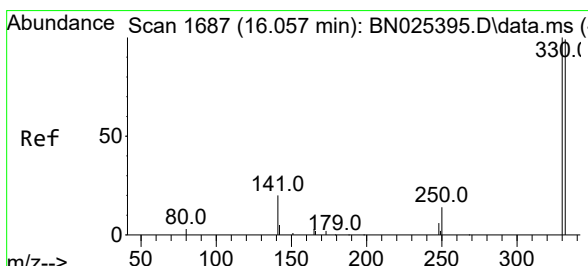
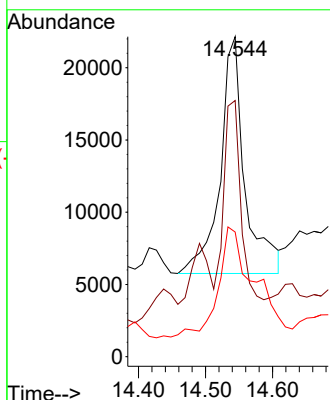
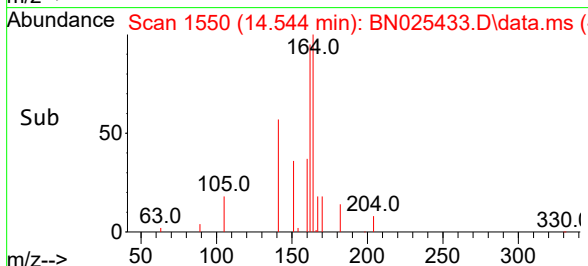
Instrument :
BNA_N
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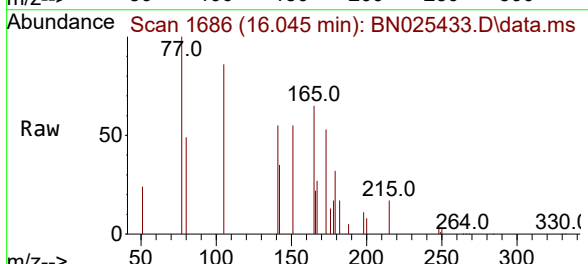
Tgt Ion:164 Resp: 4183
Ion Ratio Lower Upper
164 100
162 80.1 83.2 124.8
160 39.0 38.8 58.2

Manual Integrations
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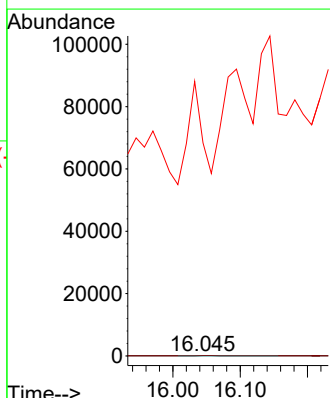
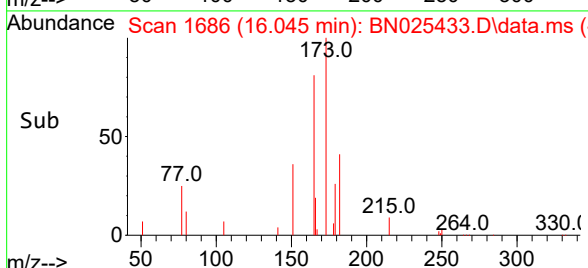
Reviewed By :Christian Giraldo 05/15/2023
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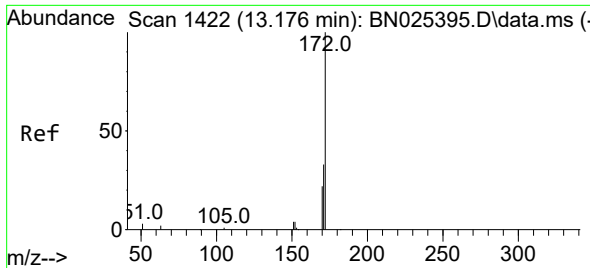


#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 79.6 78.0 117.0
141 48046.9 30.2 45.2#





#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 13.165 min Scan# 1422
Delta R.T. -0.011 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

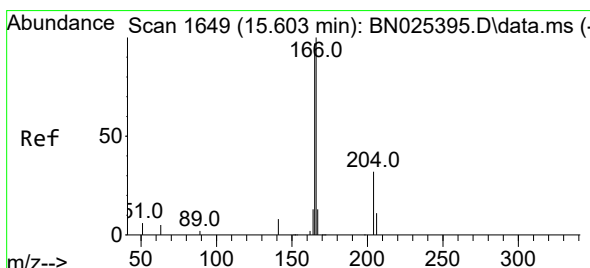
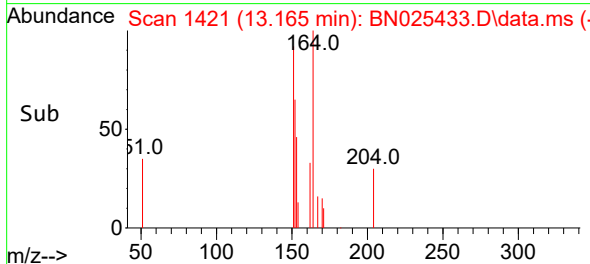
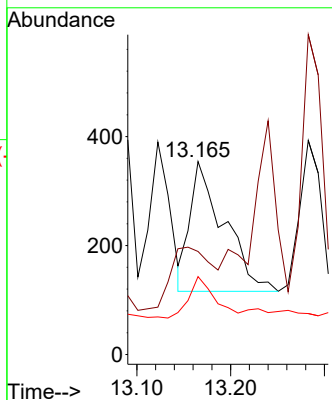
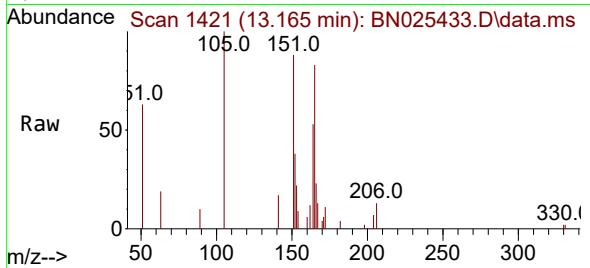
CO-54926DL

Tgt Ion:172 Resp: 604
Ion Ratio Lower Upper
172 100
171 53.4 26.7 40.1
170 40.4 17.8 26.8

Manual Integrations

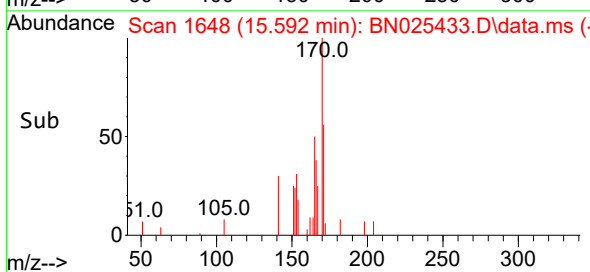
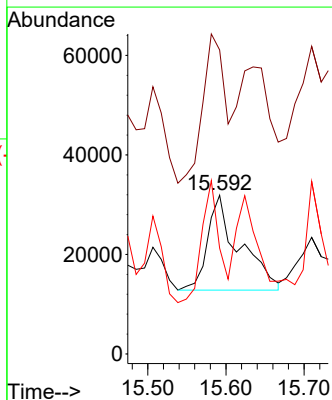
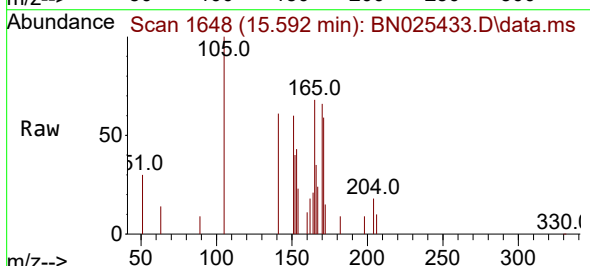
APPROVED

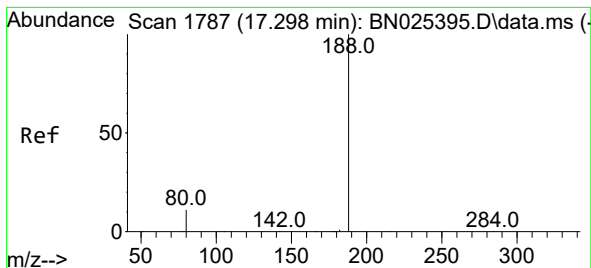
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#18
Fluorene
Concen: 0.354 ng
RT: 15.592 min Scan# 1648
Delta R.T. -0.011 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:166 Resp: 53891
Ion Ratio Lower Upper
166 100
165 107.9 78.7 118.1
167 70.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.298 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN025433.D

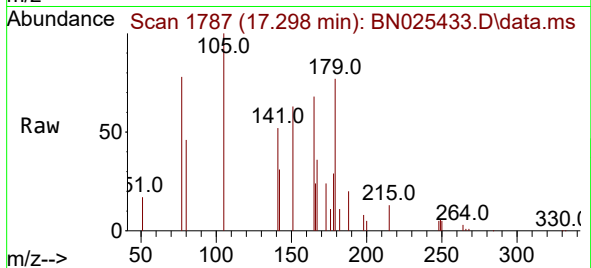
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL



Tgt Ion:188 Resp: 60660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

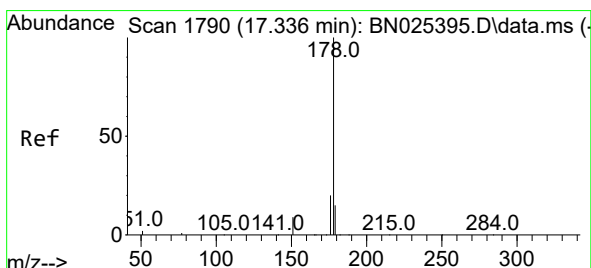
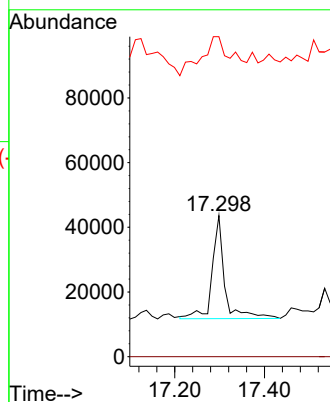
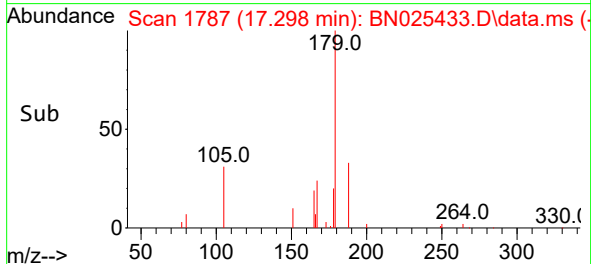
80 226.8 9.4 14.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#25

Phenanthrene

Concen: 2.837 ng

RT: 17.336 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

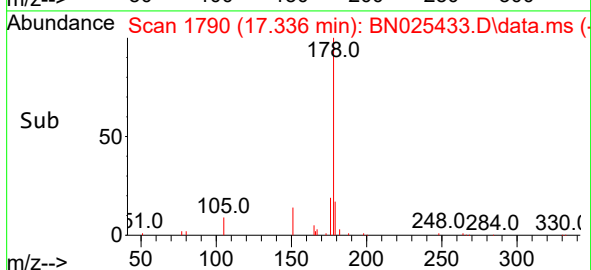
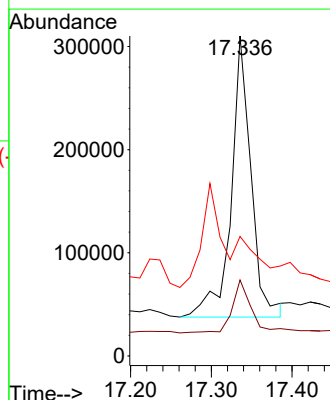
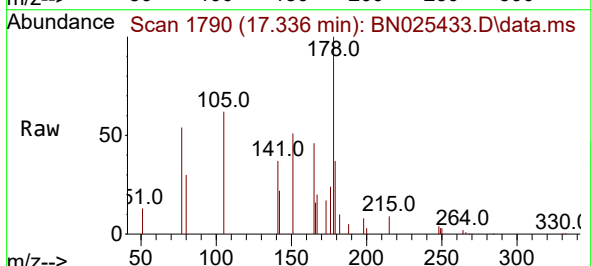
Tgt Ion:178 Resp: 465887

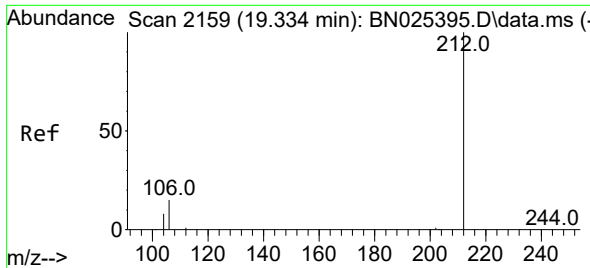
Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

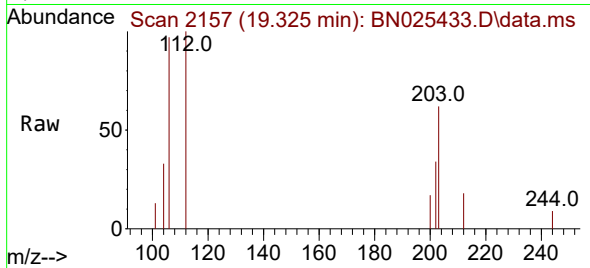
179 0.0 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.325 min Scan# 2157
Delta R.T. -0.008 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

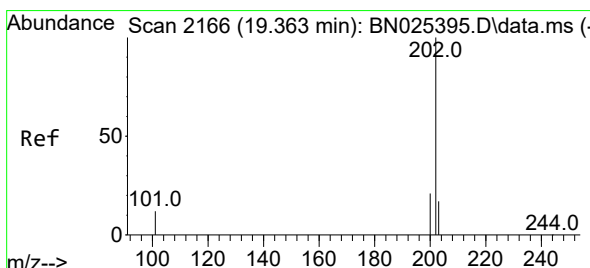
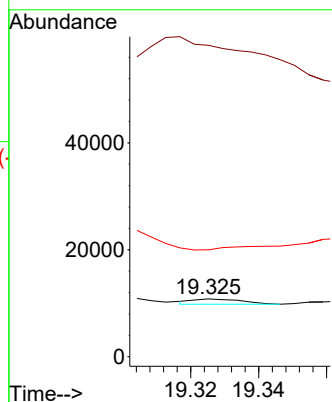
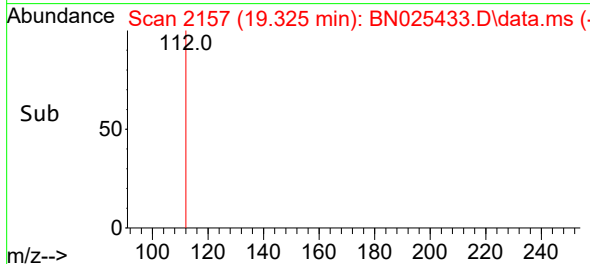
Instrument :
BNA_N
ClientSampleId :
CO-54926DL



Tgt Ion:212 Resp: 984
Ion Ratio Lower Upper
212 100
106 2010.6 12.6 19.0
104 0.0 7.0 10.4

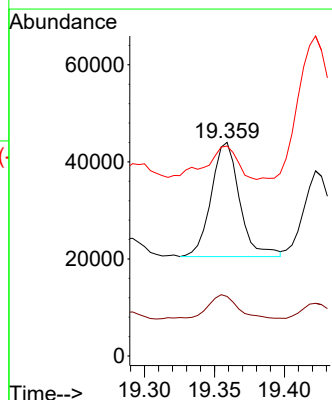
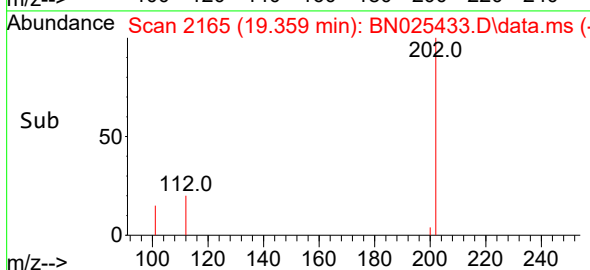
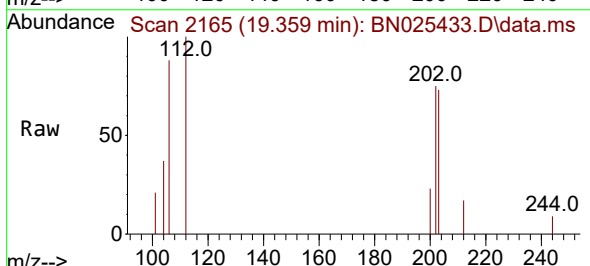
Manual Integrations
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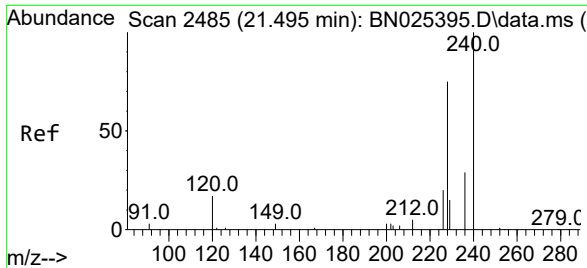
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#28
Fluoranthene
Concen: 0.175 ng
RT: 19.359 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:202 Resp: 33243
Ion Ratio Lower Upper
202 100
101 22.6 9.8 14.8#
203 32.2 13.8 20.6#





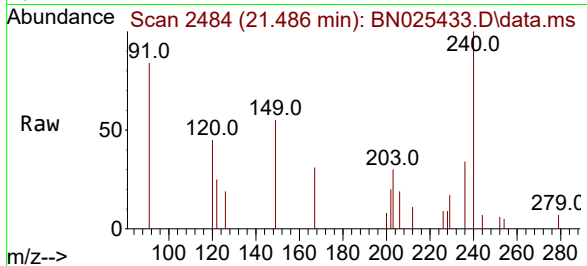
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.486 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

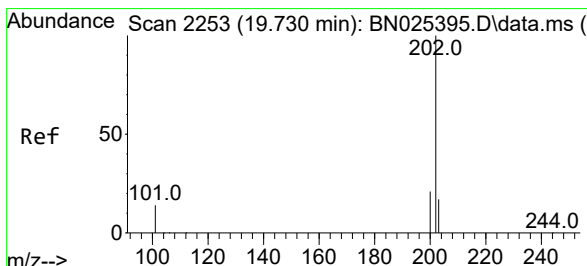
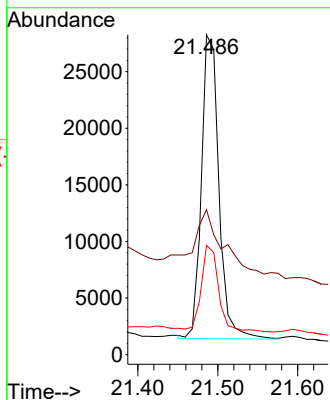
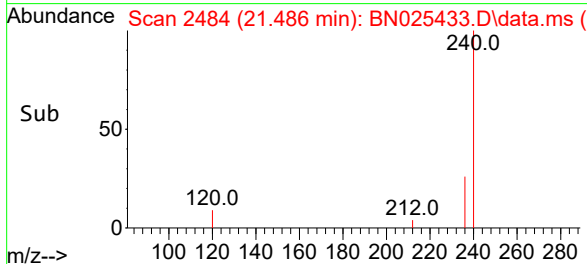


Tgt Ion:240 Resp: 40682
Ion Ratio Lower Upper
240 100
120 45.3 19.0 28.6
236 34.2 25.0 37.6

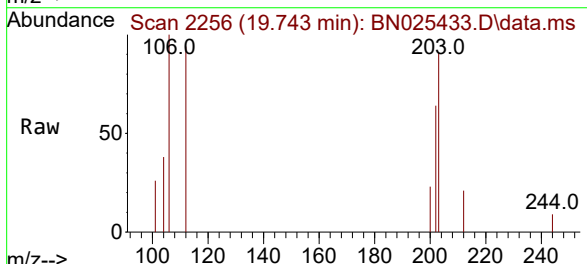
Manual Integrations

APPROVED

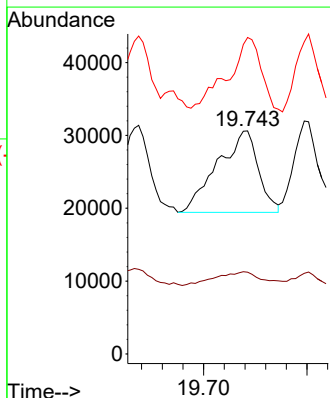
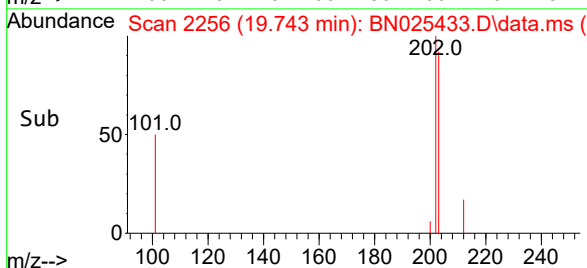
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Jagrut Upadhyay 05/15/2023

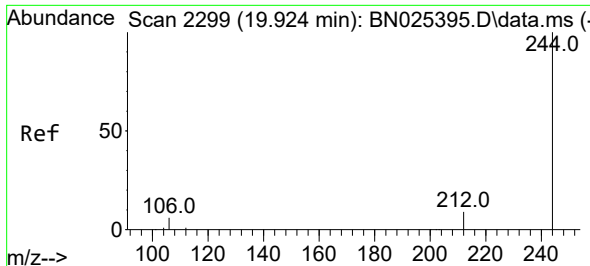


#30
Pyrene
Concen: 0.179 ng
RT: 19.743 min Scan# 2256
Delta R.T. 0.013 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06



Tgt Ion:202 Resp: 30702
Ion Ratio Lower Upper
202 100
200 19.2 16.8 25.2
203 55.9 14.4 21.6#





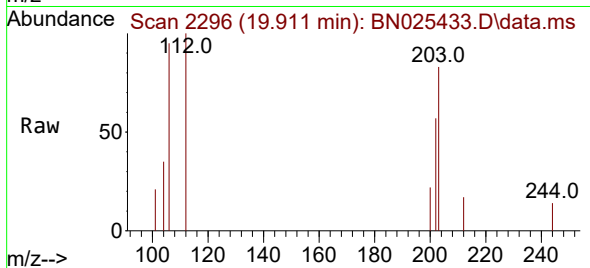
#31
 Terphenyl-d14
 Concen: 0.036 ng
 RT: 19.911 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

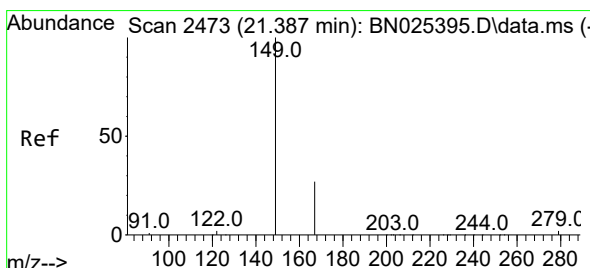
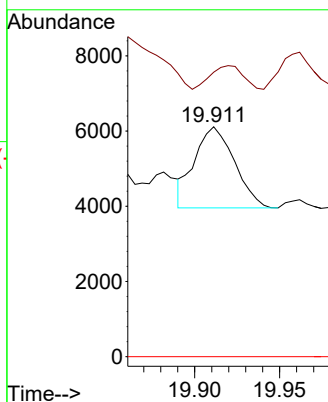
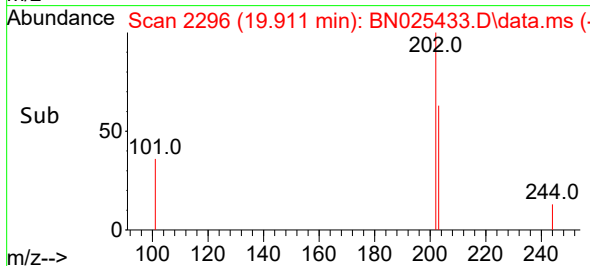


Tgt Ion:244 Resp: 3520
 Ion Ratio Lower Upper
 244 100
 212 123.7 7.5 11.3#
 122 0.0 0.0 0.0

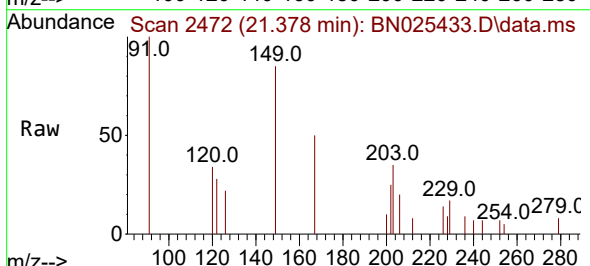
Manual Integrations

APPROVED

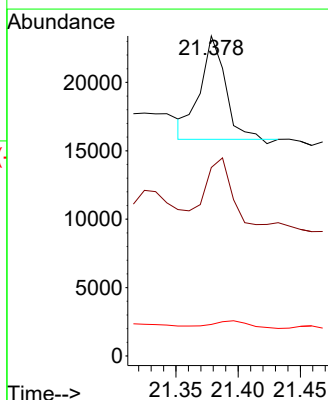
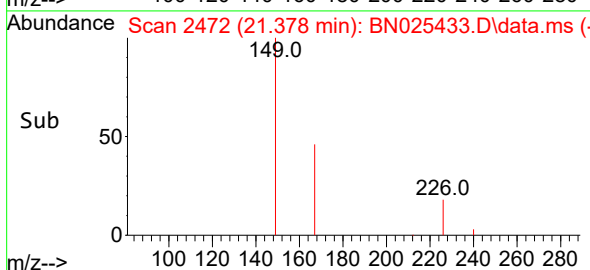
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Jagrut Upadhyay 05/15/2023

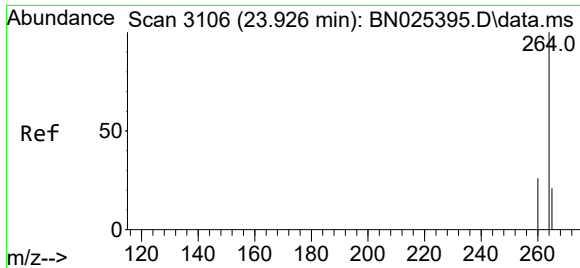


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.378 min Scan# 2472
 Delta R.T. -0.009 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06



Tgt Ion:149 Resp: 10512
 Ion Ratio Lower Upper
 149 100
 167 68.7 21.7 32.5#
 279 11.0 3.0 4.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.920 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN025433.D

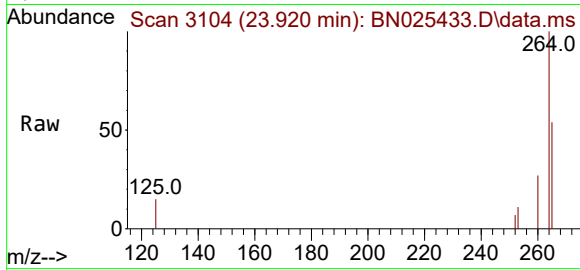
Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL



Tgt Ion:264 Resp: 3825

Ion Ratio Lower Upper

264 100

260 26.9 23.5 35.3

265 54.1 50.9 76.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Jagrut Upadhyay 05/15/2023

