

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025426.D
 Acq On : 12 May 2023 06:51
 Operator : CG/JU
 Sample : 02722-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-72533

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 12 07:21:28 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	7.897	152	7397	0.400	ng	0.00
7) Naphthalene-d8	10.696	136	28484	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	80317	0.400	ng	# 0.00
19) Phenanthrene-d10	17.323	188	44235	0.400	ng	# 0.03
29) Chrysene-d12	21.500	240	30060	0.400	ng	# 0.00
35) Perylene-d12	23.910	264	27636	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	714	0.042	ng	0.00
5) Phenol-d6	7.095	99	536	0.023	ng	0.01
8) Nitrobenzene-d5	9.020	82	3046	0.132	ng	-0.06
11) 2-Methylnaphthalene-d10	12.268	152	7647	0.204	ng	-0.04
14) 2,4,6-Tribromophenol	16.057	330	407	0.009	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	1509m	0.005	ng	-0.01
27) Fluoranthene-d10	19.330	212	22449m	0.222	ng	0.00
31) Terphenyl-d14	19.945	244	13464	0.186	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.750	128	131455	1.832	ng	# 96
12) 2-Methylnaphthalene	12.362	142	165524	3.337	ng	95
16) Acenaphthylene	14.266	152	177537	0.476	ng	# 1
18) Fluorene	15.603	166	140937	0.482	ng	# 58
25) Phenanthrene	17.373	178	1179660	9.852	ng	# 84
28) Fluoranthene	19.397	202	122101	0.880	ng	# 61
30) Pyrene	19.776	202	87705m	0.692	ng	
34) Bis(2-ethylhexyl)phtha...	21.383	149	36658	0.371	ng	# 53

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

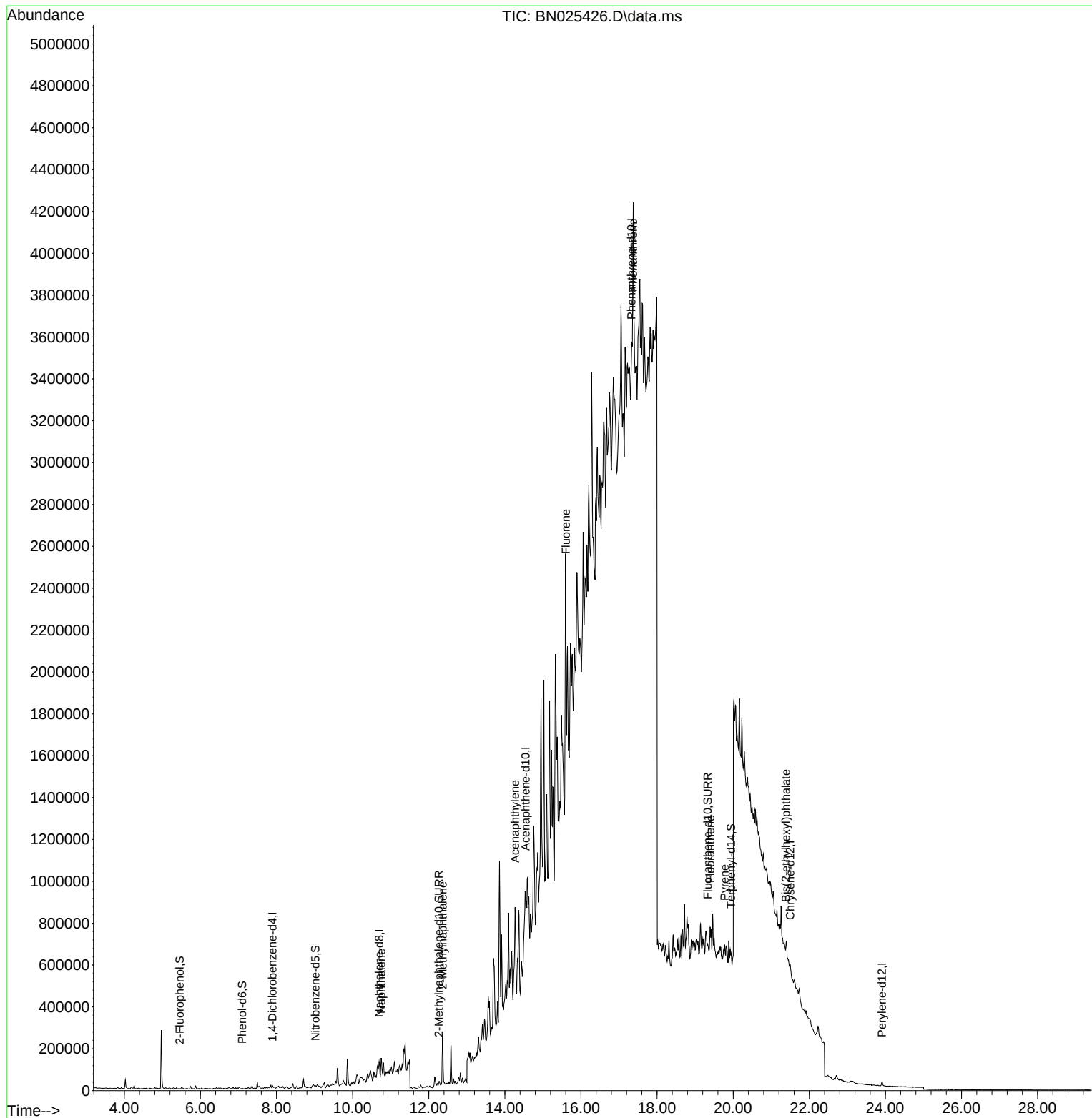
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025426.D
Acq On : 12 May 2023 06:51
Operator : CG/JU
Sample : 02722-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

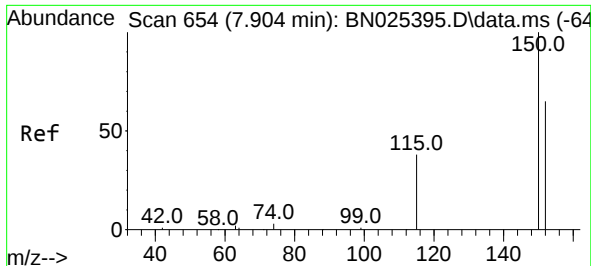
Instrument :
BNA_N
ClientSampleId :
CO-72533

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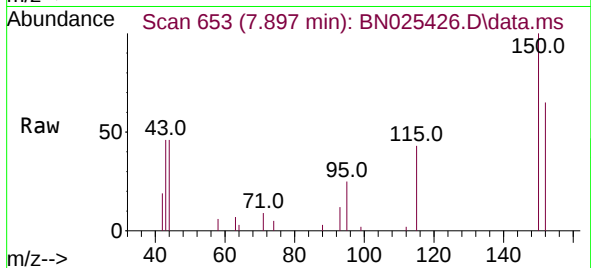
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

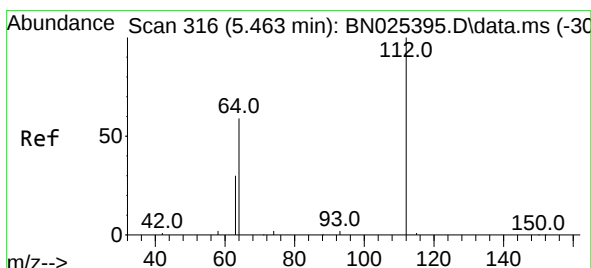
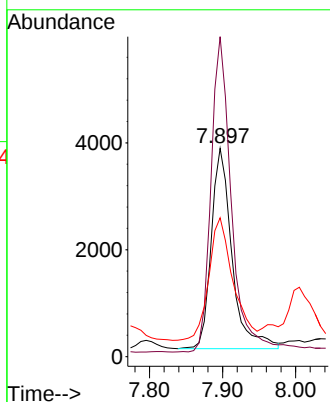
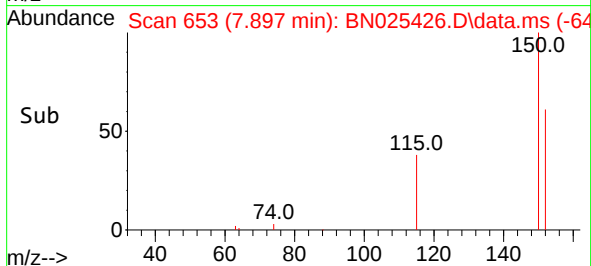
Instrument :
BNA_N
ClientSampleId :
CO-72533



Tgt Ion:152 Resp: 739
Ion Ratio Lower Upper
152 100
150 153.6 121.4 182.2
115 66.6 50.6 76.0

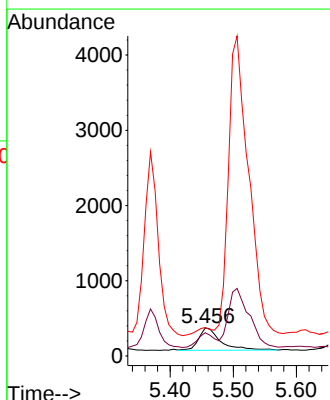
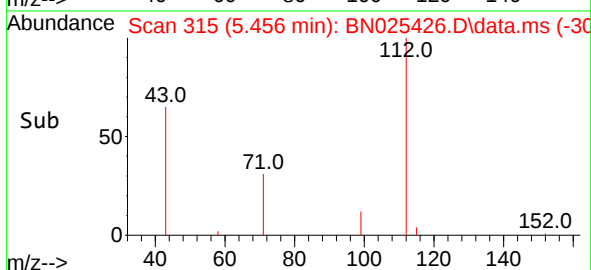
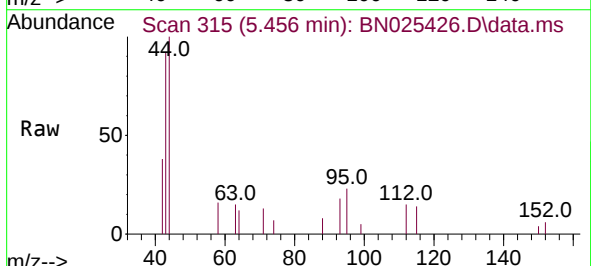
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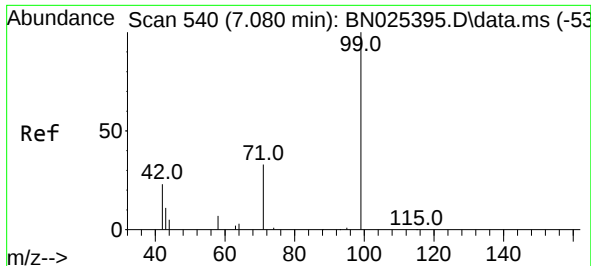
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.456 min Scan# 315
Delta R.T. -0.007 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

Tgt Ion:112 Resp: 714
Ion Ratio Lower Upper
112 100
64 51.0 51.9 77.9#
63 0.0 27.4 41.2#





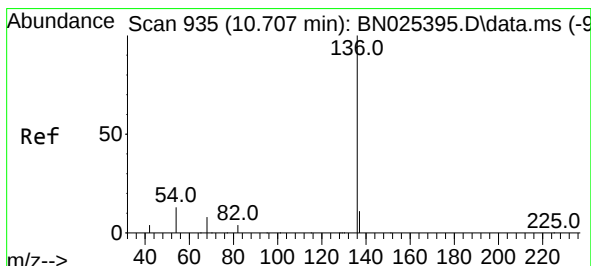
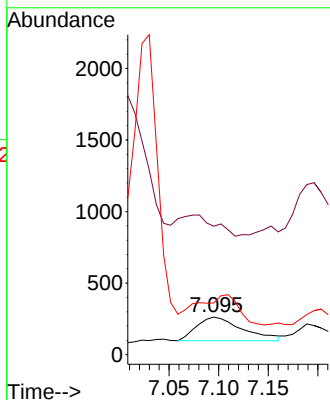
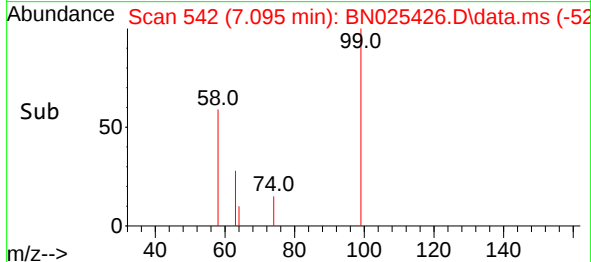
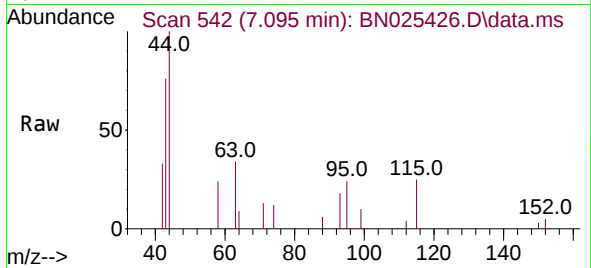
#5
Phenol-d6
Concen: 0.023 ng
RT: 7.095 min Scan# 540
Delta R.T. 0.015 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

Instrument :
BNA_N
ClientSampleId :
CO-72533

Tgt Ion: 99 Resp: 530
Ion Ratio Lower Upper
99 100
42 62.1 23.5 35.3#
71 0.0 28.1 42.1#

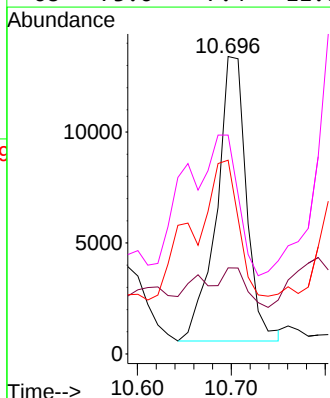
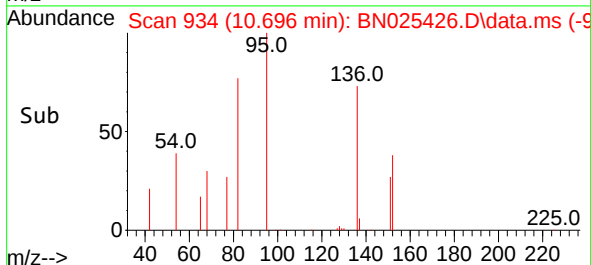
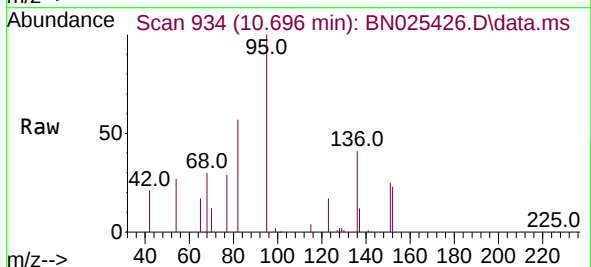
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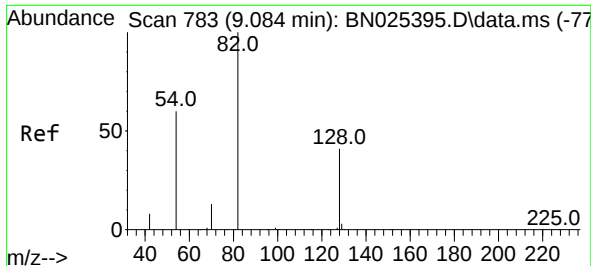
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.696 min Scan# 934
Delta R.T. -0.010 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

Tgt Ion:136 Resp: 28484
Ion Ratio Lower Upper
136 100
137 28.9 9.1 13.7#
54 65.1 11.2 16.8#
68 73.6 7.4 11.0#





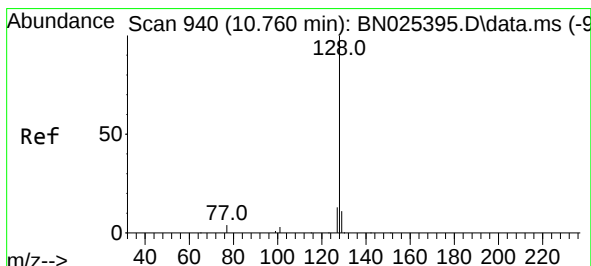
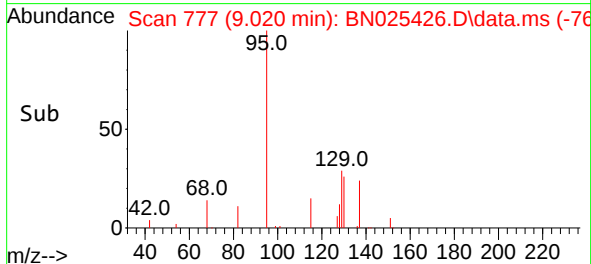
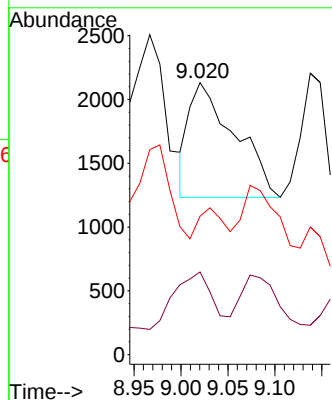
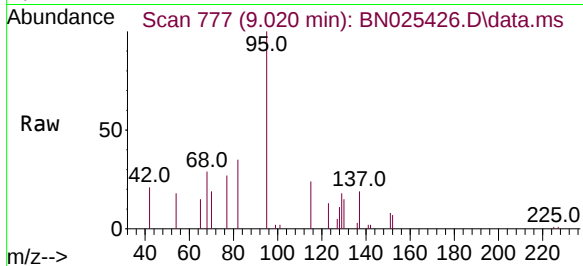
#8
Nitrobenzene-d5
Concen: 0.132 ng
RT: 9.020 min Scan# 71
Delta R.T. -0.064 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

Instrument :
BNA_N
ClientSampleId :
CO-72533

Tgt Ion: 82 Resp: 3040
Ion Ratio Lower Upper
82 100
128 30.4 35.8 53.8
54 50.9 50.4 75.6

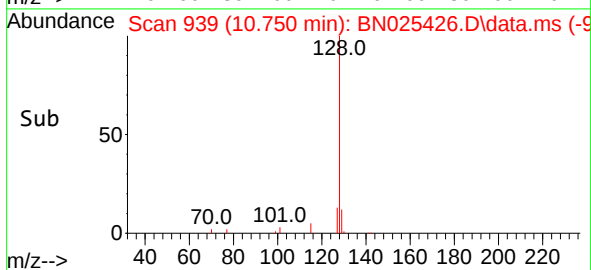
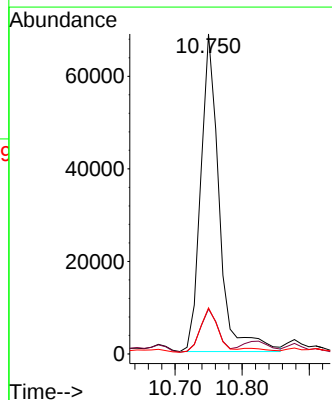
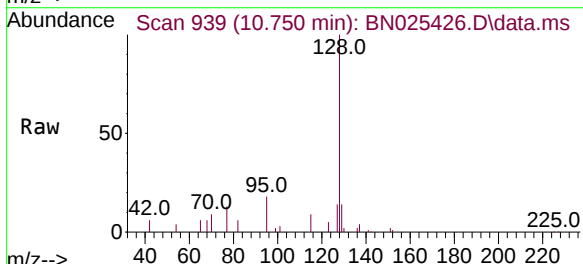
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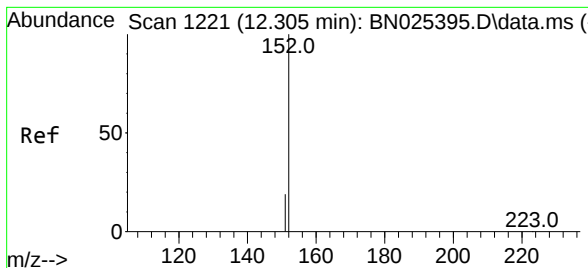
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#9
Naphthalene
Concen: 1.832 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.010 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

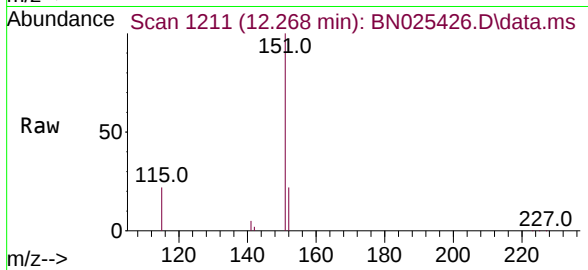
Tgt Ion:128 Resp: 131455
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9
127 14.4 10.8 16.2





#11
2-Methylnaphthalene-d10
Concen: 0.204 ng
RT: 12.268 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

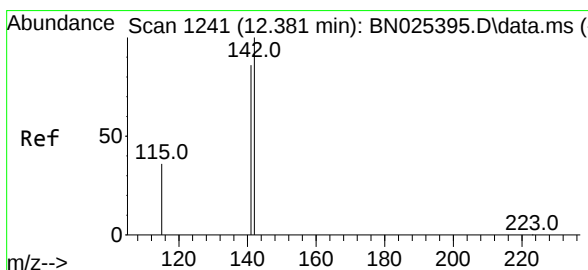
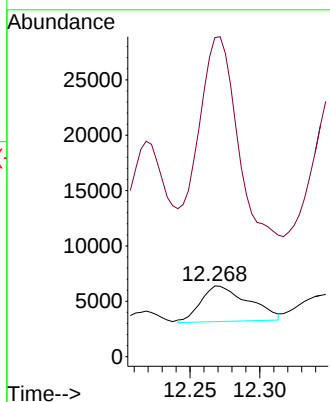
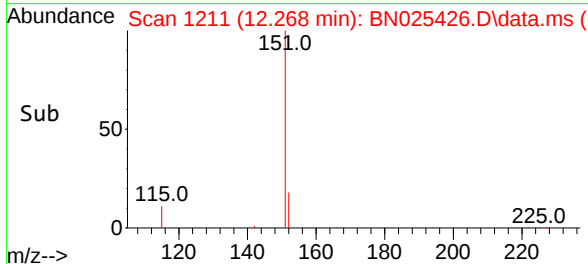
Instrument :
BNA_N
ClientSampleId :
CO-72533



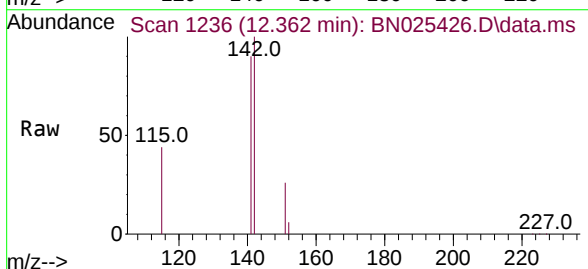
Tgt Ion:152 Resp: 764
Ion Ratio Lower Upper
152 100
151 431.5 16.1 24.1

Manual Integrations
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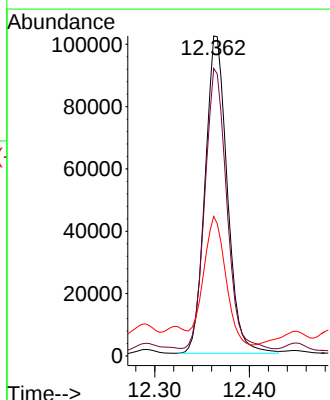
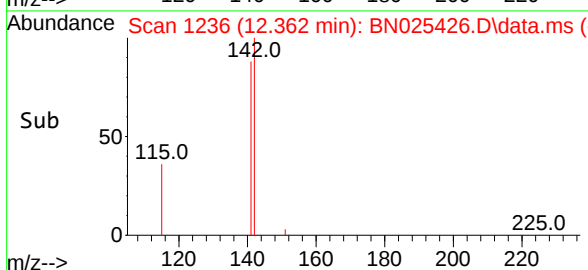
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

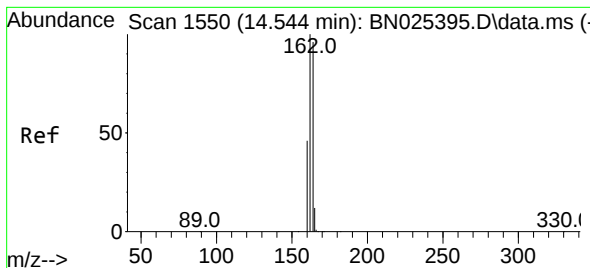


#12
2-Methylnaphthalene
Concen: 3.337 ng
RT: 12.362 min Scan# 1236
Delta R.T. -0.019 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51



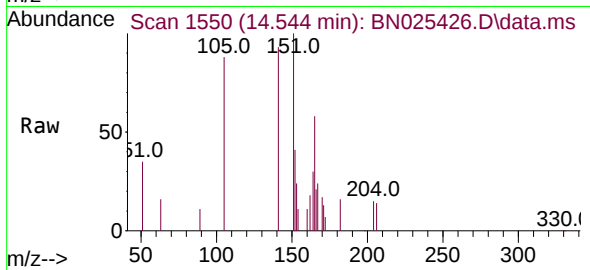
Tgt Ion:142 Resp: 165524
Ion Ratio Lower Upper
142 100
141 89.9 69.3 103.9
115 43.6 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

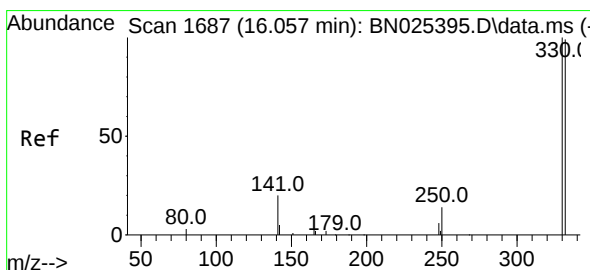
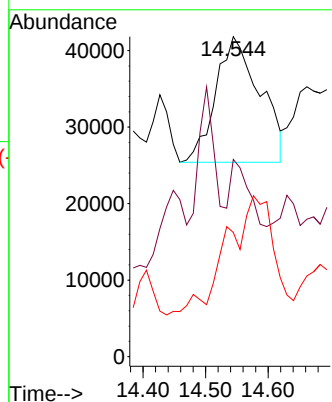
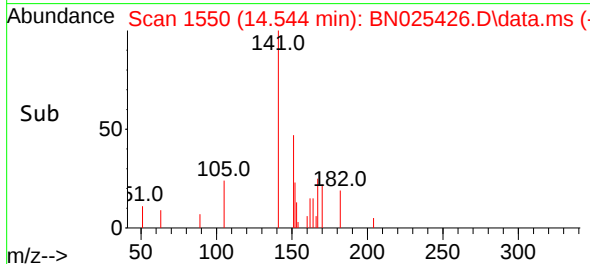
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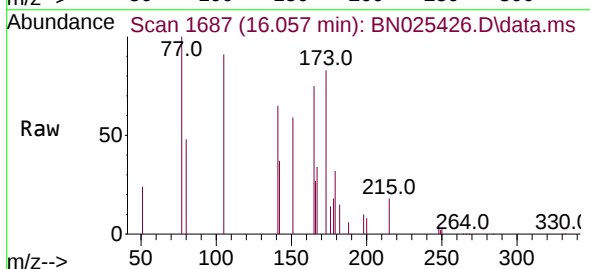
Tgt Ion:164 Resp: 8031
Ion Ratio Lower Upper
164 100
162 61.6 83.2 124.8
160 38.8 38.8 58.2

Manual Integrations
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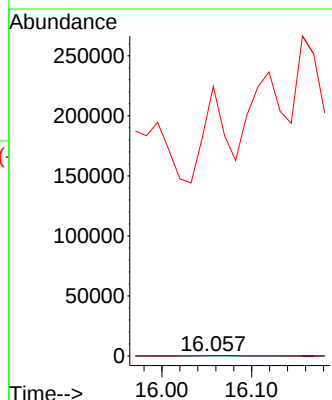
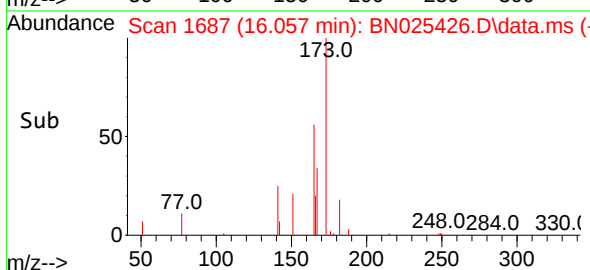
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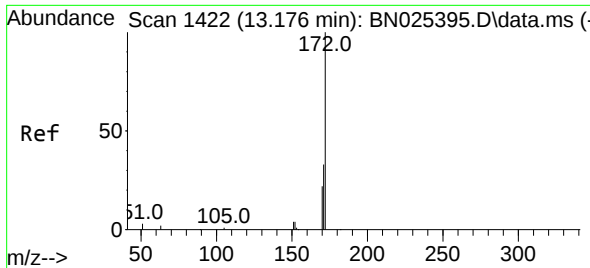


#14
2,4,6-Tribromophenol
Concen: 0.009 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51



Tgt Ion:330 Resp: 407
Ion Ratio Lower Upper
330 100
332 94.1 78.0 117.0
141 32217.2 30.2 45.2#





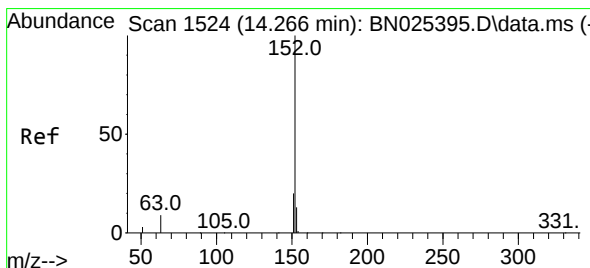
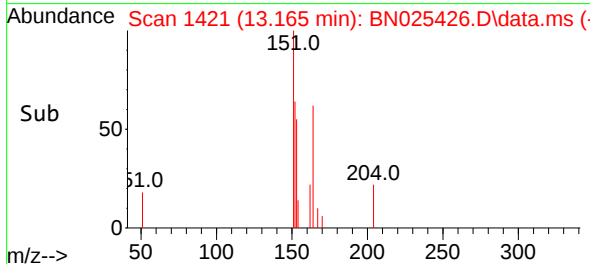
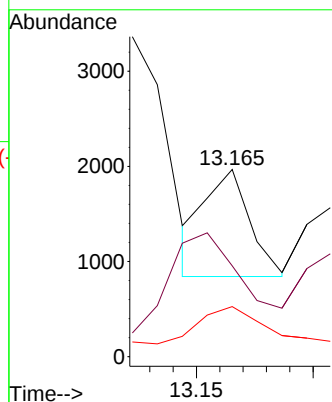
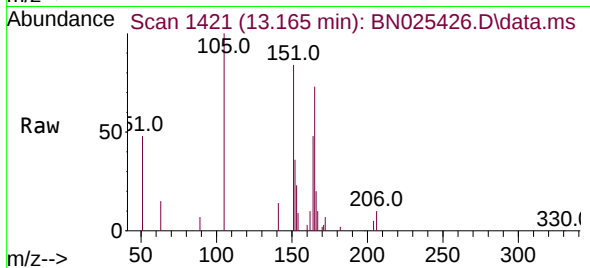
#15
2-Fluorobiphenyl
Concen: 0.005 ng m
RT: 13.165 min Scan# 1422
Delta R.T. -0.010 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

Instrument :
BNA_N
ClientSampleId :
CO-72533

Tgt Ion:172 Resp: 1509
Ion Ratio Lower Upper
172 100
171 48.5 26.7 40.1#
170 26.7 17.8 26.8

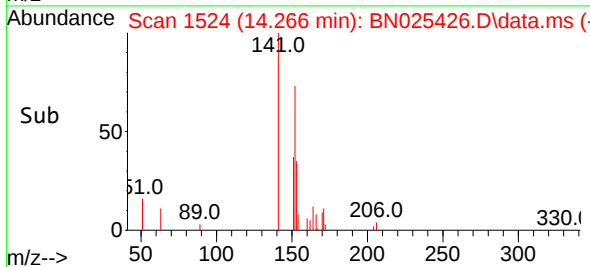
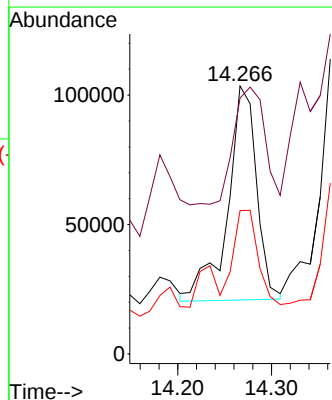
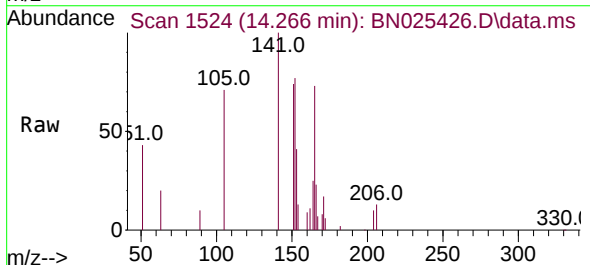
Manual Integrations
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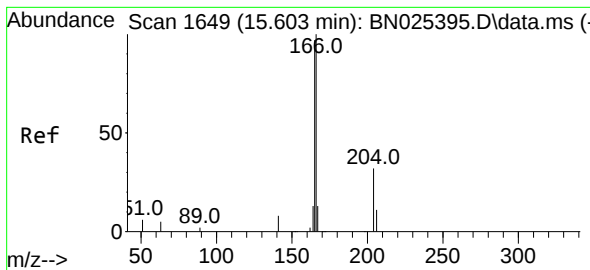
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#16
Acenaphthylene
Concen: 0.476 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

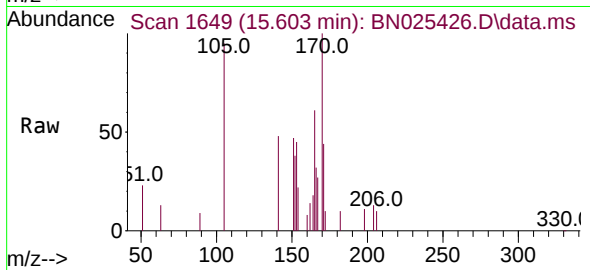
Tgt Ion:152 Resp: 177537
Ion Ratio Lower Upper
152 100
151 78.8 15.9 23.9#
153 56.3 10.7 16.1#





#18
Fluorene
Concen: 0.482 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

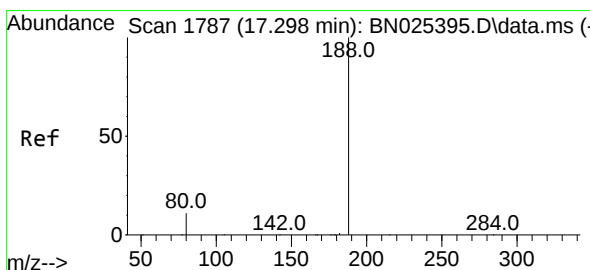
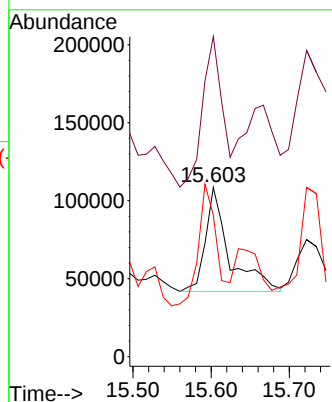
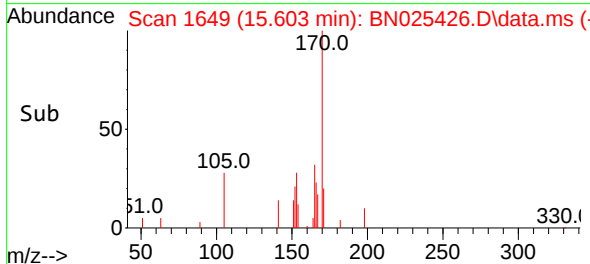
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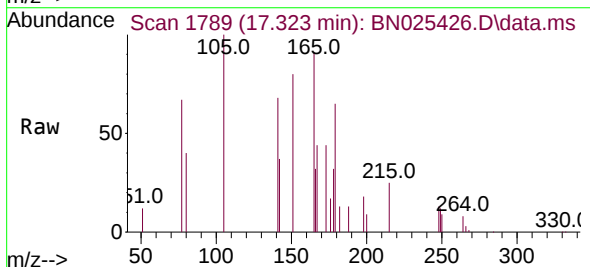
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Ion Ratio Lower Upper
166 100
165 119.1 78.7 118.1
167 91.4 10.7 16.1

Manual Integrations
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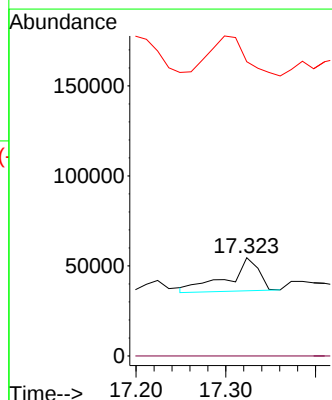
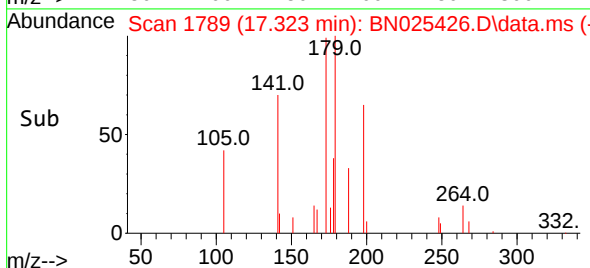
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

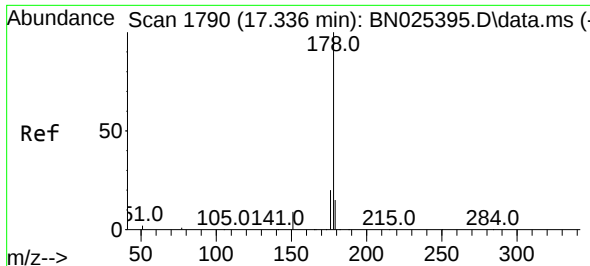


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. 0.025 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51



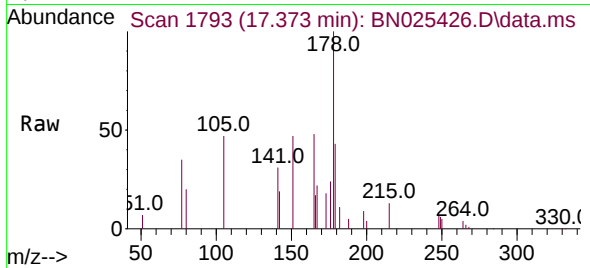
Tgt Ion:188 Resp: 44235
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 299.6 9.4 14.2





#25
Phenanthrene
Concen: 9.852 ng
RT: 17.373 min Scan# 1179660
Delta R.T. 0.037 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

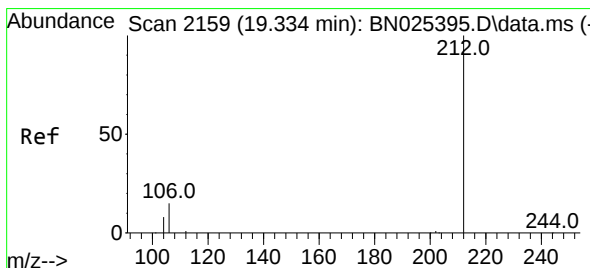
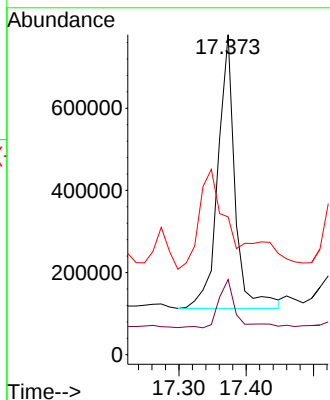
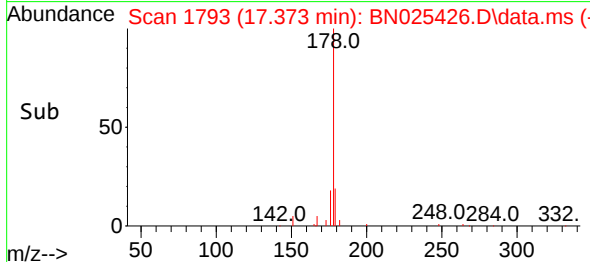
Instrument :
BNA_N
ClientSampleId :
CO-72533



Tgt Ion:178 Resp: 1179660
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 0.0 12.1 18.1

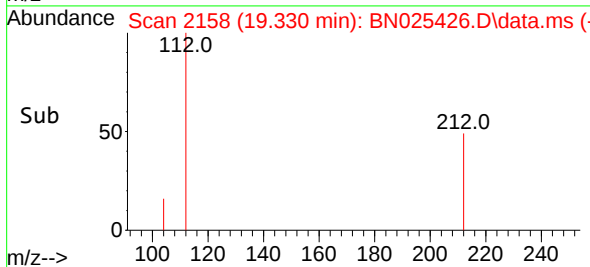
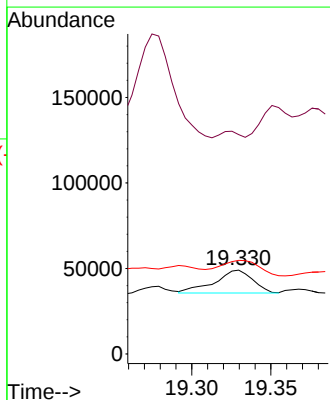
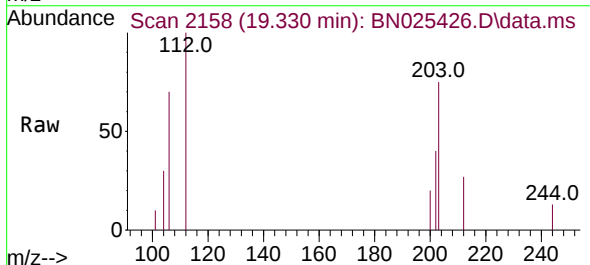
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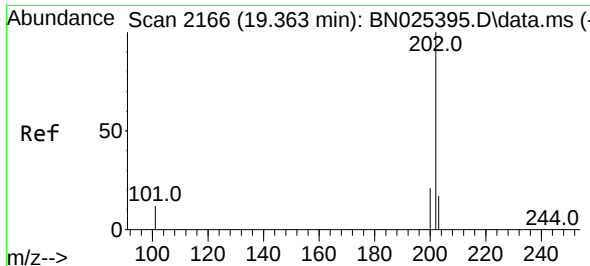
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#27
Fluoranthene-d10
Concen: 0.222 ng m
RT: 19.330 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

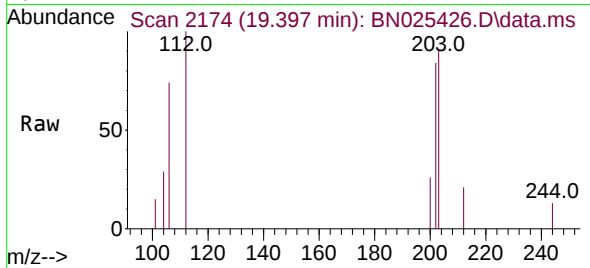
Tgt Ion:212 Resp: 22449
Ion Ratio Lower Upper
212 100
106 90.0 12.6 19.0#
104 0.0 7.0 10.4#





#28
Fluoranthene
Concen: 0.880 ng
RT: 19.397 min Scan# 2166
Delta R.T. 0.034 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

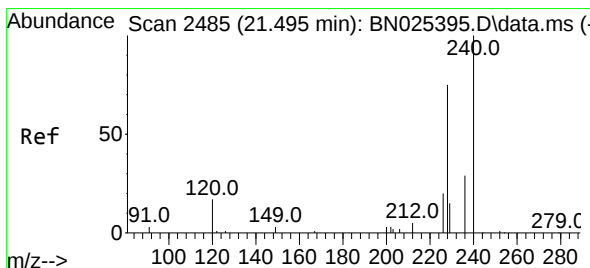
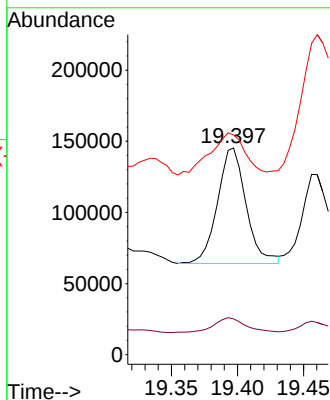
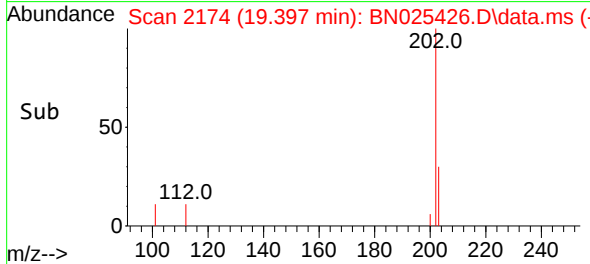
Instrument :
BNA_N
ClientSampleId :
CO-72533



Tgt Ion:202 Resp: 12210
Ion Ratio Lower Upper
202 100
101 14.4 9.8 14.8
203 44.6 13.8 20.6

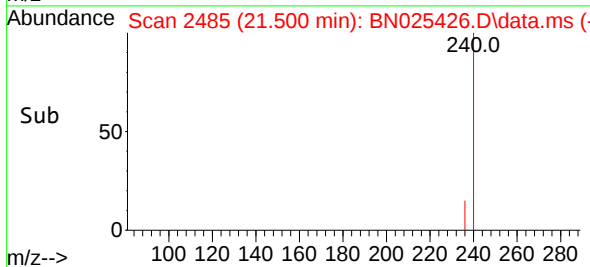
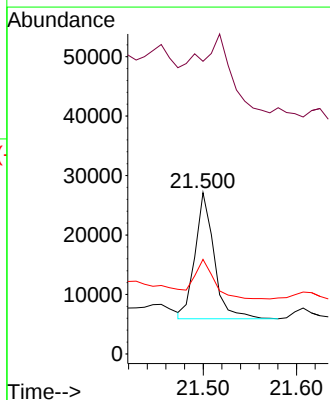
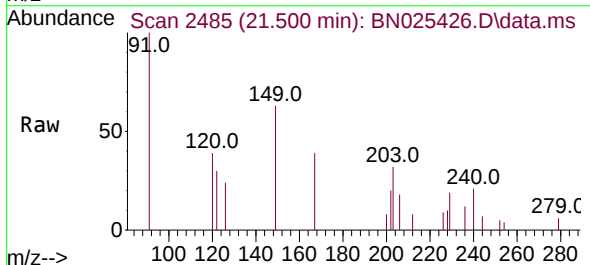
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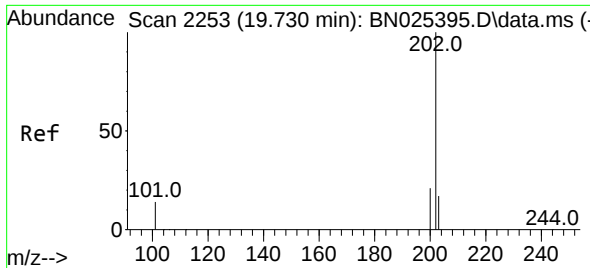
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

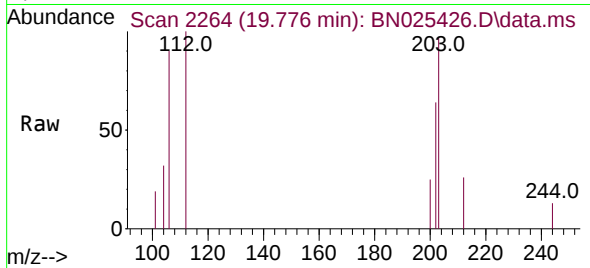
Tgt Ion:240 Resp: 30060
Ion Ratio Lower Upper
240 100
120 181.6 19.0 28.6#
236 58.7 25.0 37.6#





#30
Pyrene
Concen: 0.692 ng m
RT: 19.776 min Scan# 21
Delta R.T. 0.047 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

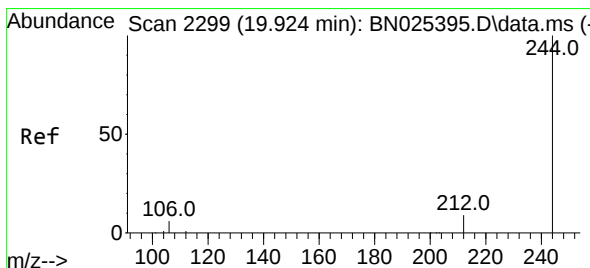
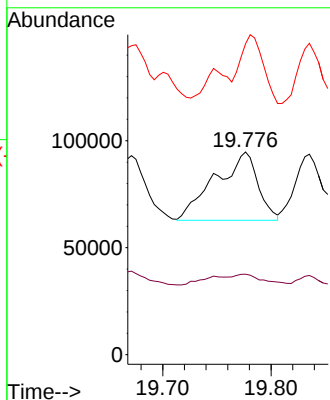
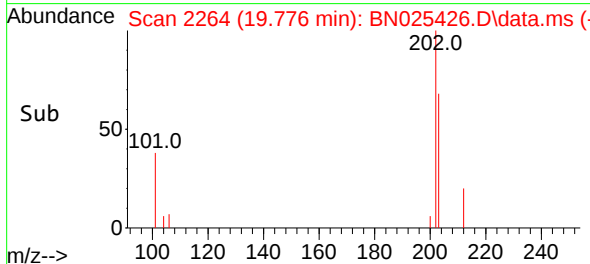
Instrument :
BNA_N
ClientSampleId :
CO-72533



Tgt Ion:202 Resp: 8770
Ion Ratio Lower Upper
202 100
200 6.8 16.8 25.2
203 21.3 14.4 21.6

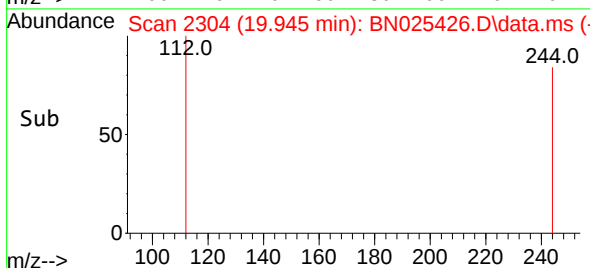
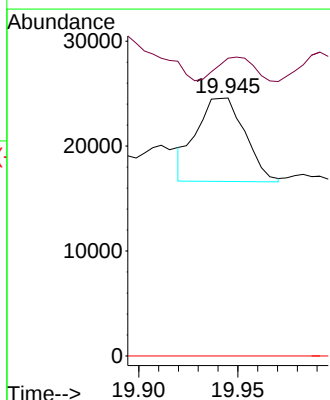
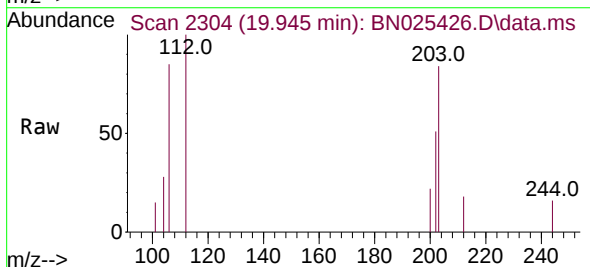
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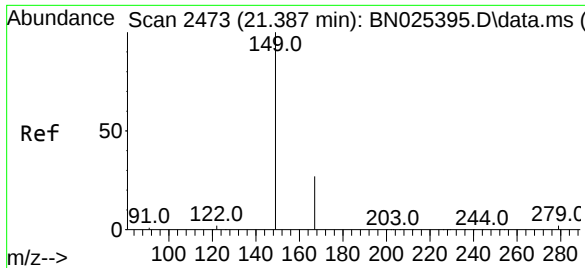
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#31
Terphenyl-d14
Concen: 0.186 ng
RT: 19.945 min Scan# 2304
Delta R.T. 0.021 min
Lab File: BN025426.D
Acq: 12 May 2023 06:51

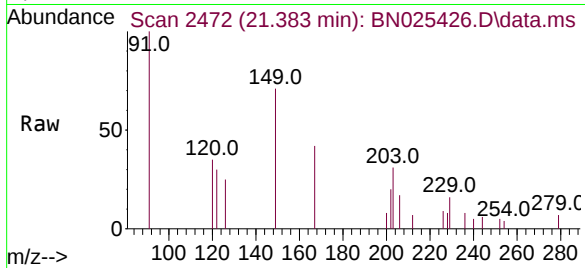
Tgt Ion:244 Resp: 13464
Ion Ratio Lower Upper
244 100
212 115.5 7.5 11.3#
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.371 ng
 RT: 21.383 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BN025426.D
 Acq: 12 May 2023 06:51

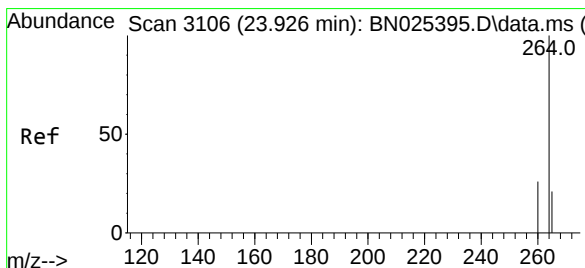
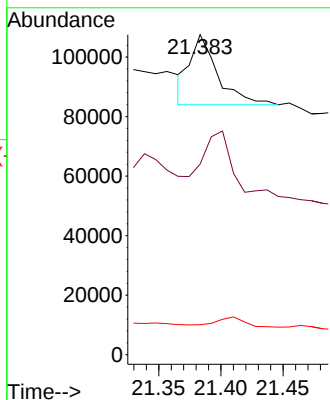
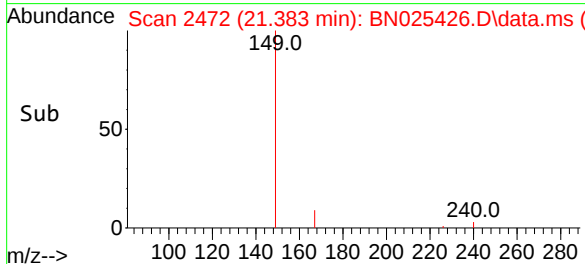
Instrument :
 BNA_N
 ClientSampleId :
 CO-72533



Tgt Ion:149 Resp: 36658
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5
 279 0.0 3.0 4.4

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Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.910 min Scan# 3101
 Delta R.T. -0.016 min
 Lab File: BN025426.D
 Acq: 12 May 2023 06:51

Tgt Ion:264 Resp: 27636
 Ion Ratio Lower Upper
 264 100
 260 31.2 23.5 35.3
 265 63.3 50.9 76.3

