

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025417.D
 Acq On : 12 May 2023 01:31
 Operator : CG/JU
 Sample : PB152744BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152744BL

Manual Integrations
 APPROVED

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

Quant Time: May 12 04:12:48 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	6706	0.400	ng	0.00
7) Naphthalene-d8	10.728	136	19507	0.400	ng	0.02
13) Acenaphthene-d10	14.555	164	11784	0.400	ng	0.01
19) Phenanthrene-d10	17.311	188	22888	0.400	ng	0.01
29) Chrysene-d12	21.491	240	18387	0.400	ng	# 0.00
35) Perylene-d12	23.910	264	17747	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	7638	0.491	ng	0.00
5) Phenol-d6	7.095	99	7161	0.339	ng	0.01
8) Nitrobenzene-d5	9.127	82	5591m	0.355	ng	0.04
11) 2-Methylnaphthalene-d10	12.320	152	11318	0.440	ng	0.02
14) 2,4,6-Tribromophenol	16.069	330	1351	0.215	ng	0.01
15) 2-Fluorobiphenyl	13.186	172	14633	0.358	ng	0.01
27) Fluoranthene-d10	19.334	212	26324	0.503	ng	0.00
31) Terphenyl-d14	19.924	244	20210	0.456	ng	0.00

Target Compounds Qvalue

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

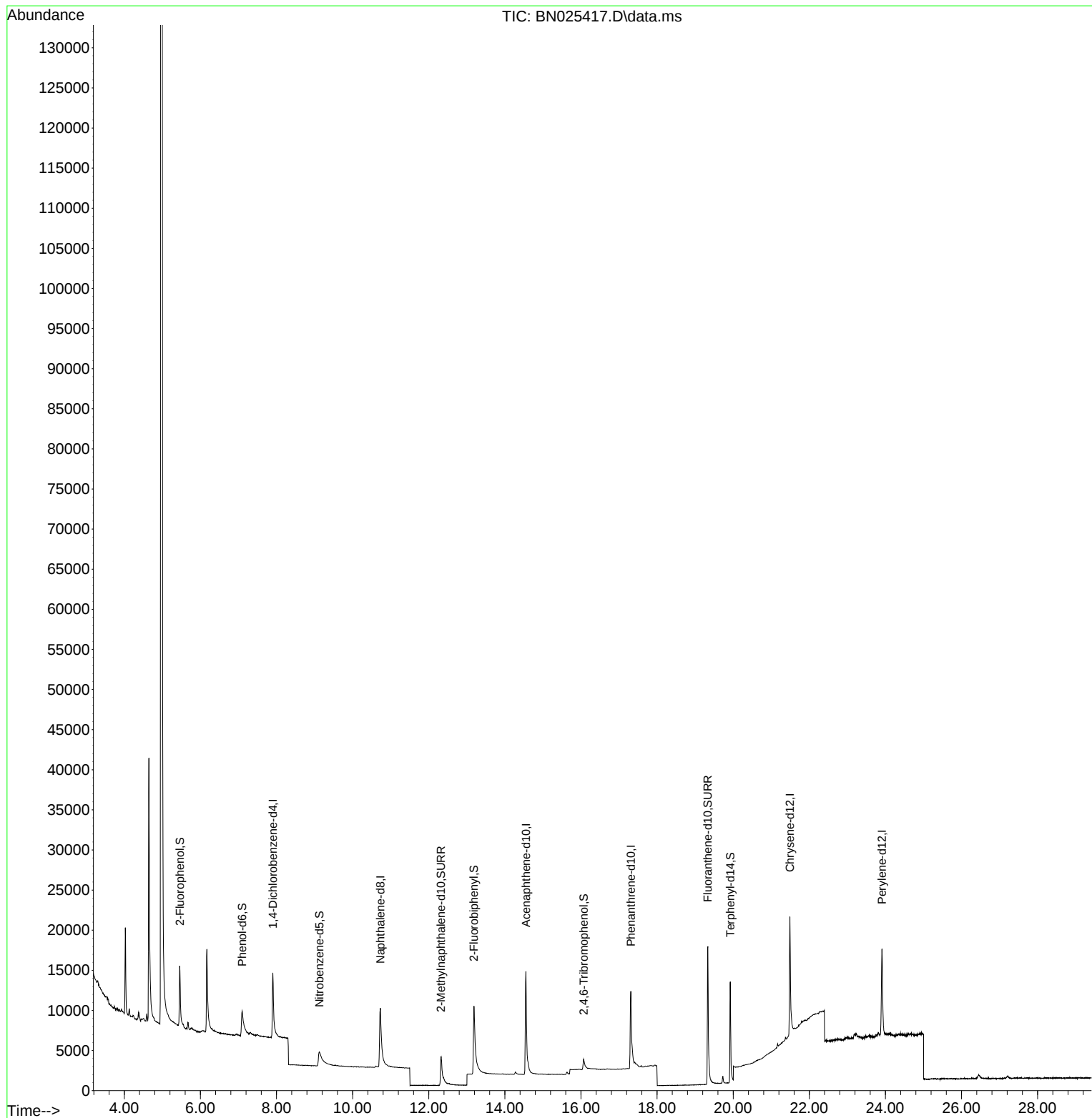
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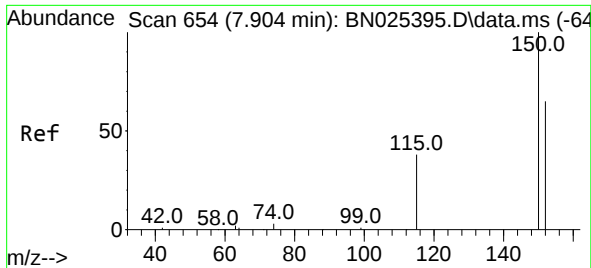
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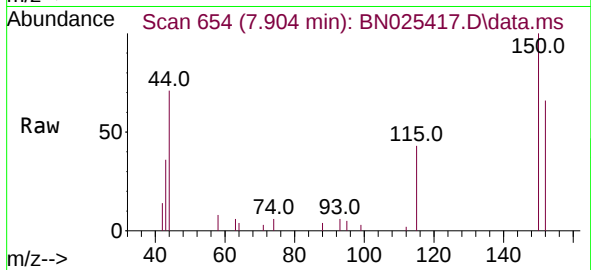
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 654
Delta R.T. -0.000 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

Instrument :

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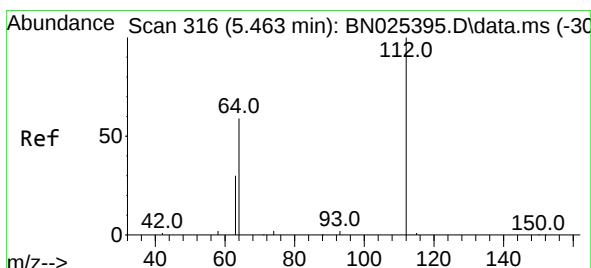
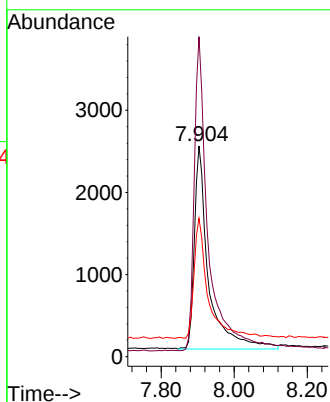
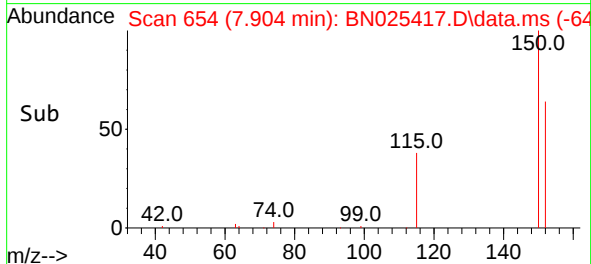


Tgt Ion:152 Resp: 6700
Ion Ratio Lower Upper
152 100
150 151.8 121.4 182.2
115 65.6 50.6 76.0

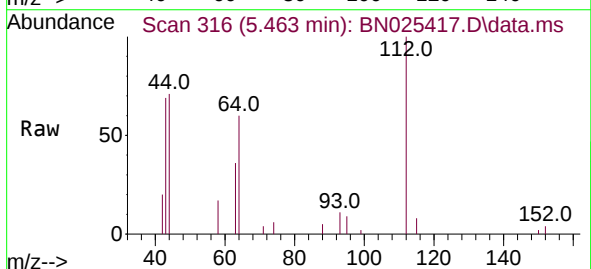
Manual Integrations

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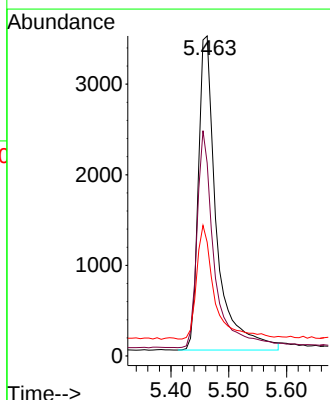
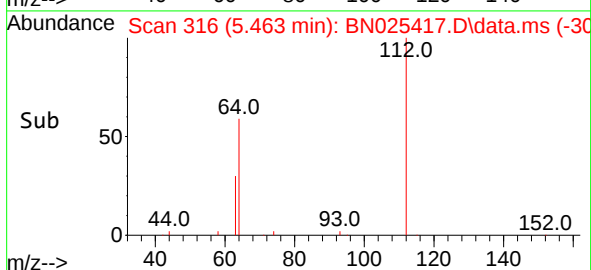
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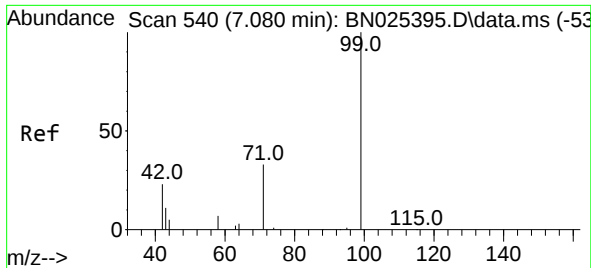


#4
2-Fluorophenol
Concen: 0.491 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31



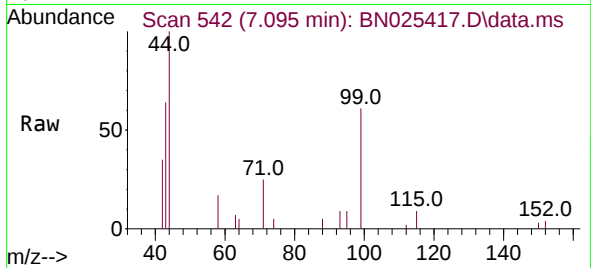
Tgt Ion:112 Resp: 7638
Ion Ratio Lower Upper
112 100
64 65.0 51.9 77.9
63 35.3 27.4 41.2





#5
Phenol-d6
Concen: 0.339 ng
RT: 7.095 min Scan# 540
Delta R.T. 0.014 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

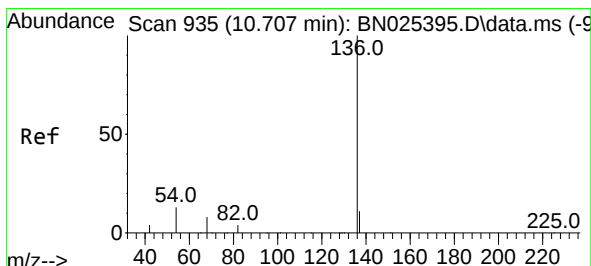
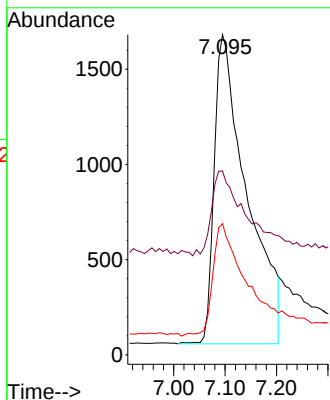
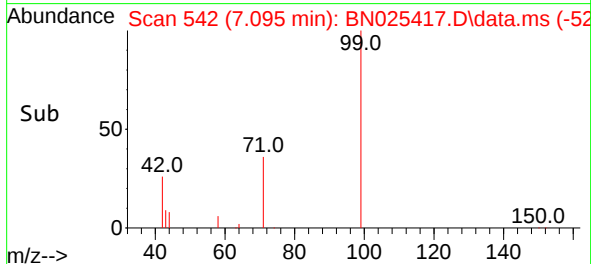
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ClientSampleId :
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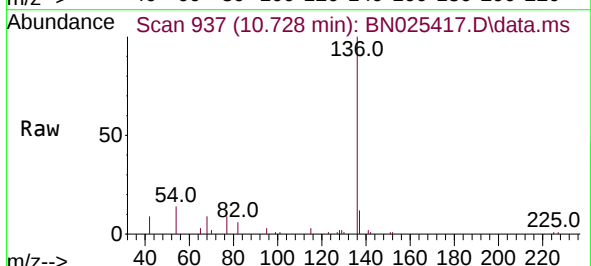
Tgt Ion: 99 Resp: 716
Ion Ratio Lower Upper
99 100
42 28.9 23.5 35.3
71 37.2 28.1 42.1

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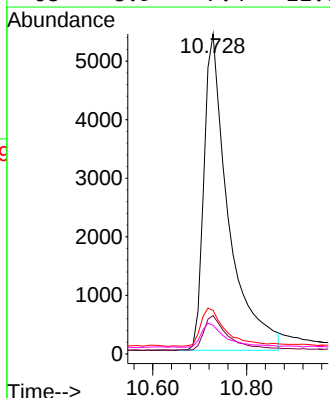
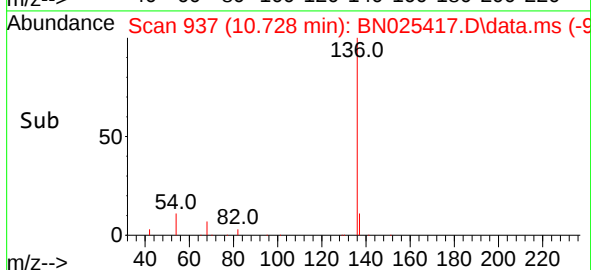
Reviewed By :Christian Giraldo 05/12/2023
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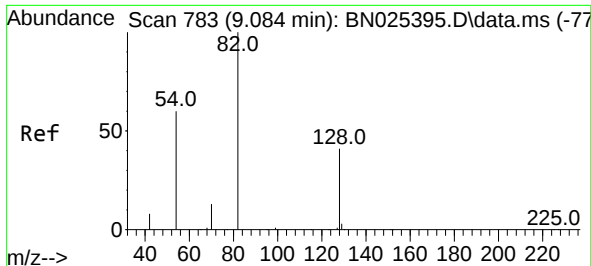


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 937
Delta R.T. 0.021 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31



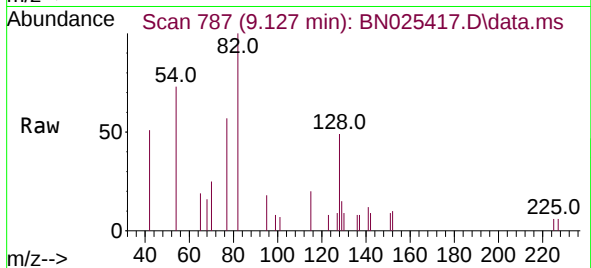
Tgt Ion:136 Resp: 19507
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 13.6 11.2 16.8
68 8.9 7.4 11.0





#8
Nitrobenzene-d5
Concen: 0.355 ng m
RT: 9.127 min Scan# 71
Delta R.T. 0.043 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

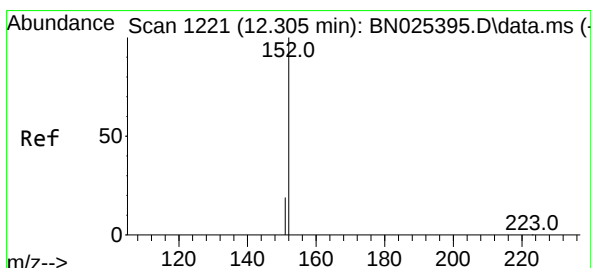
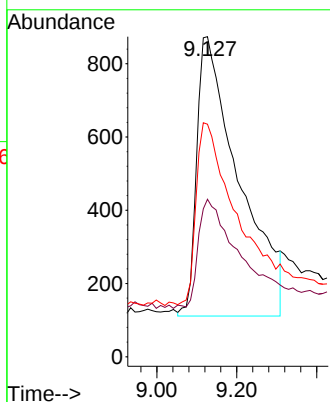
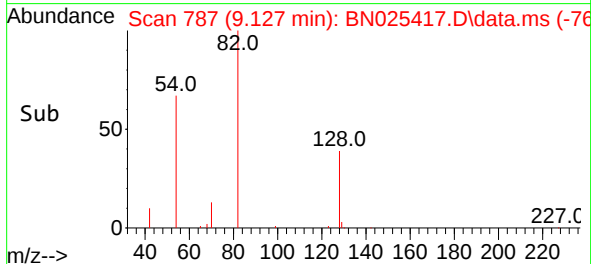
Instrument :
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ClientSampleId :
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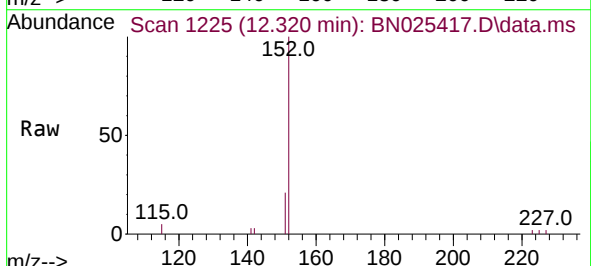
Tgt Ion: 82 Resp: 559
Ion Ratio Lower Upper
82 100
128 49.2 35.8 53.8
54 72.7 50.4 75.6

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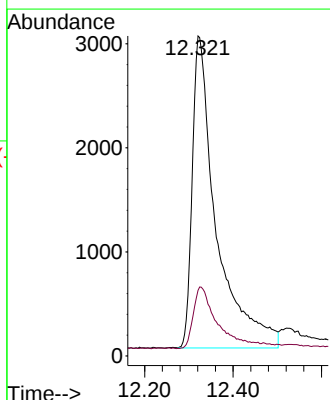
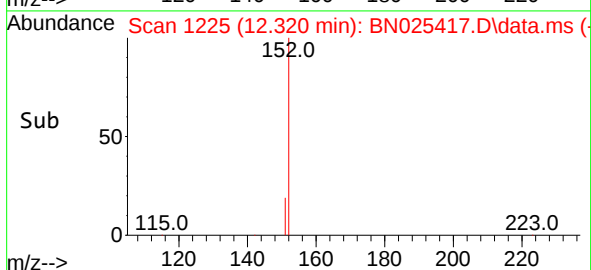
Reviewed By :Christian Giraldo 05/12/2023
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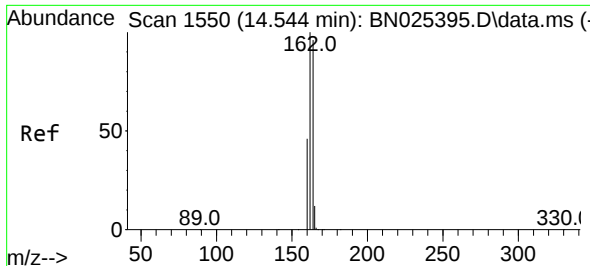


#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.320 min Scan# 1225
Delta R.T. 0.015 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31



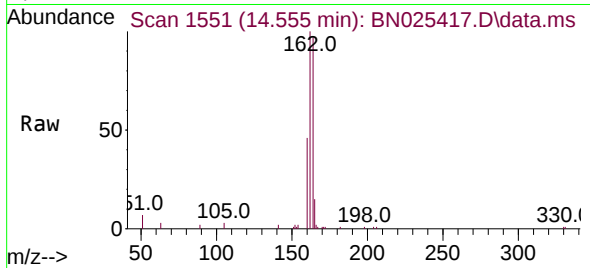
Tgt Ion:152 Resp: 11318
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1178
Delta R.T. 0.011 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

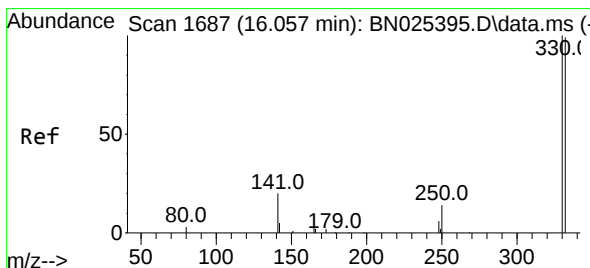
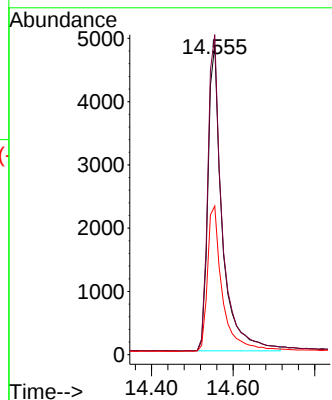
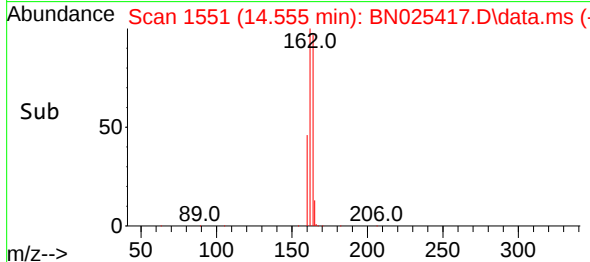
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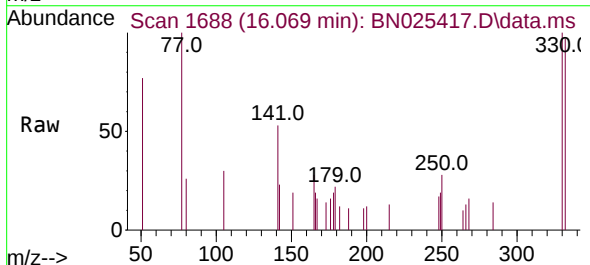
Tgt Ion:164 Resp: 1178
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 48.0 38.8 58.2

Manual Integrations
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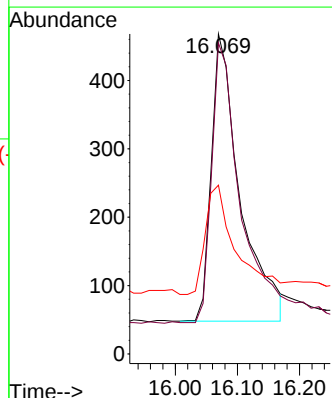
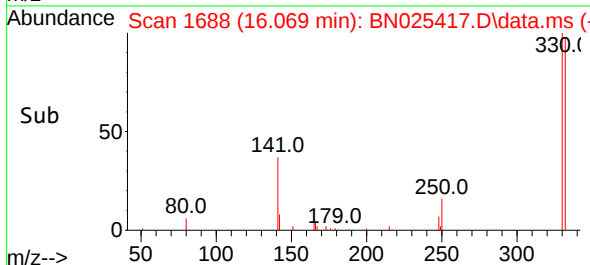
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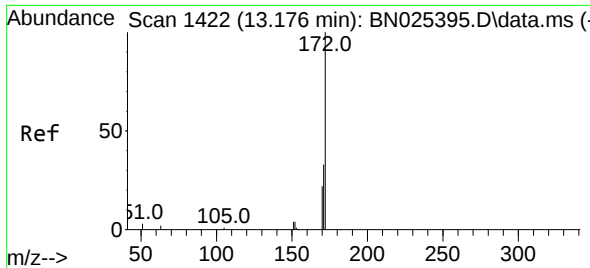


#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 16.069 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31



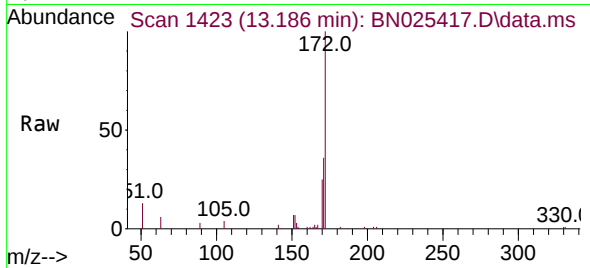
Tgt Ion:330 Resp: 1351
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 40.9 30.2 45.2





#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.186 min Scan# 1422
Delta R.T. 0.011 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

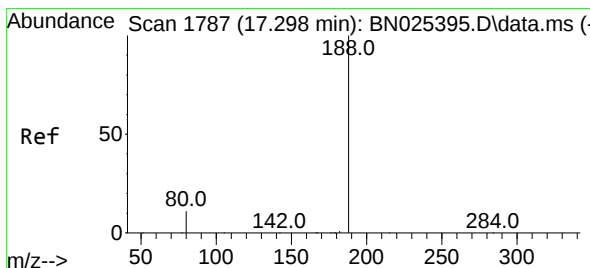
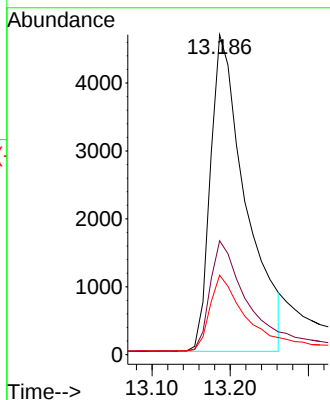
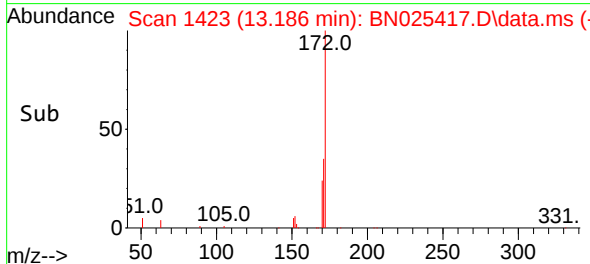
Instrument :
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Tgt Ion:172 Resp: 1463
Ion Ratio Lower Upper
172 100
171 35.6 26.7 40.1
170 24.9 17.8 26.8

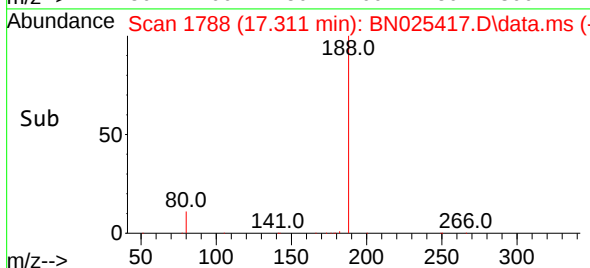
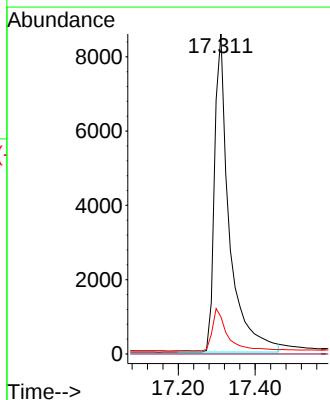
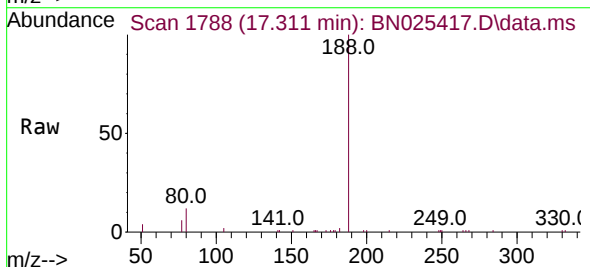
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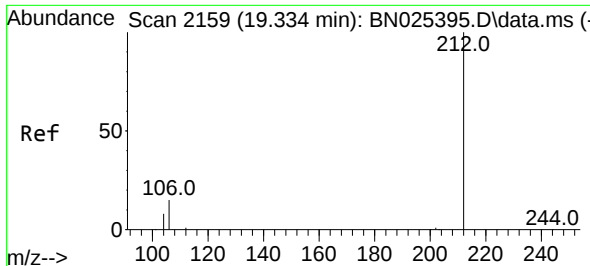
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1788
Delta R.T. 0.012 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

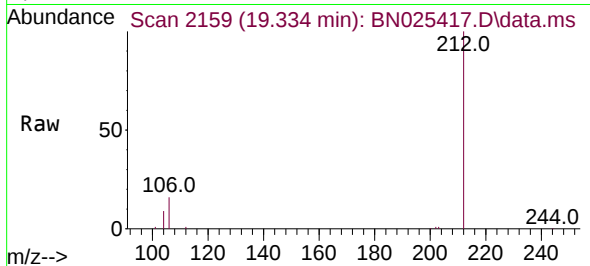
Tgt Ion:188 Resp: 22888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 9.4 14.2





#27
Fluoranthene-d10
Concen: 0.503 ng
RT: 19.334 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31

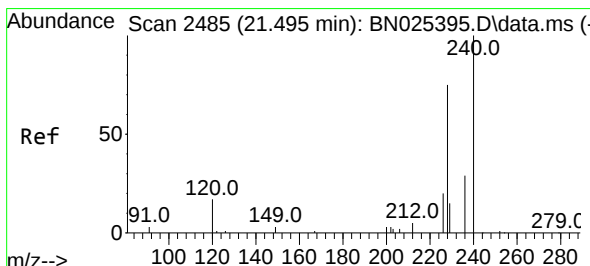
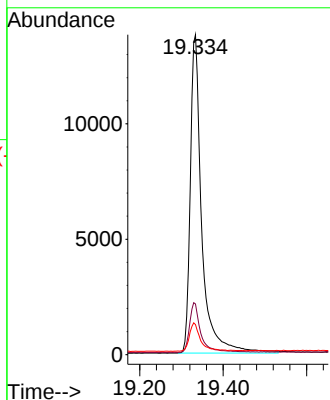
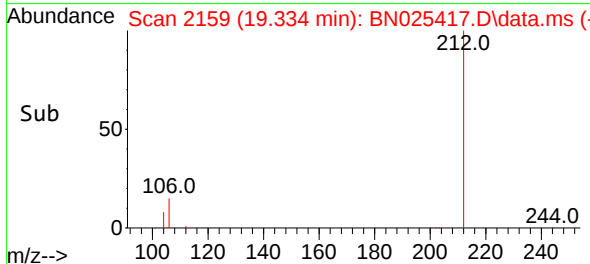
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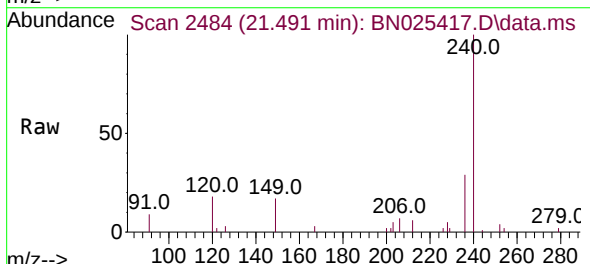
Tgt Ion:212 Resp: 26324
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 8.6 7.0 10.4

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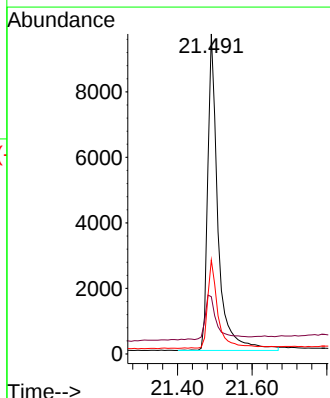
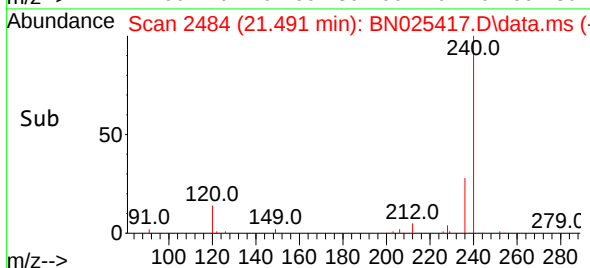
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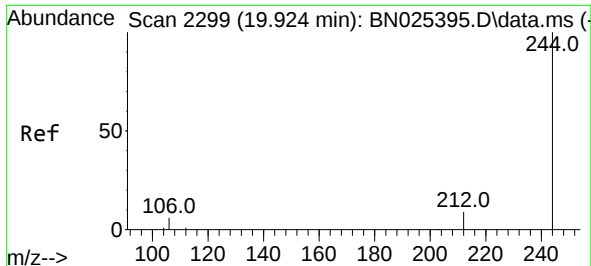


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.004 min
Lab File: BN025417.D
Acq: 12 May 2023 01:31



Tgt Ion:240 Resp: 18387
Ion Ratio Lower Upper
240 100
120 17.9 19.0 28.6#
236 29.4 25.0 37.6





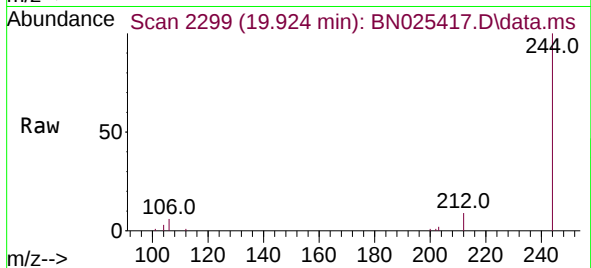
#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 19.924 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: BN025417.D
 Acq: 12 May 2023 01:31

Instrument :

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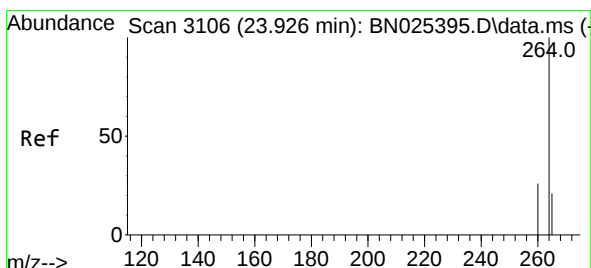
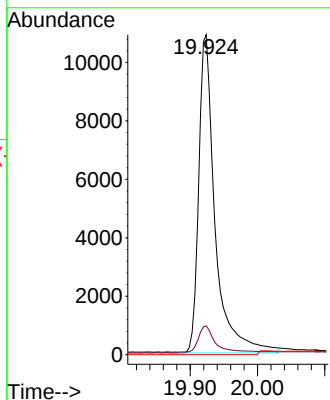
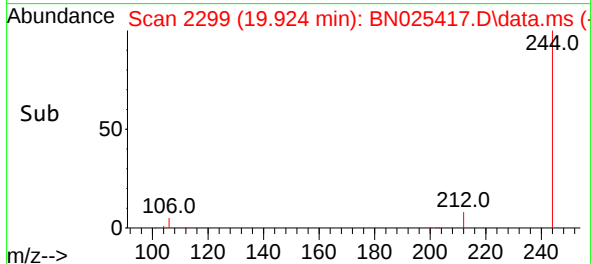


Tgt Ion:244 Resp: 20210
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.5 11.3
 122 0.0 0.0 0.0

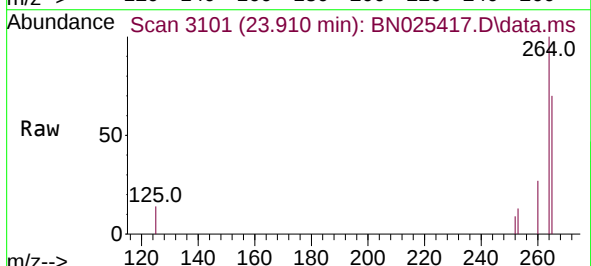
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 Supervised By :Jagrut Upadhyay 05/15/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.910 min Scan# 3101
 Delta R.T. -0.016 min
 Lab File: BN025417.D
 Acq: 12 May 2023 01:31



Tgt Ion:264 Resp: 17747
 Ion Ratio Lower Upper
 264 100
 260 26.7 23.5 35.3
 265 70.5 50.9 76.3

