

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
 Data File : BN019518.D
 Acq On : 20 Apr 2022 18:30
 Operator : CG/JU
 Sample : PB144158BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB144158BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : mohammad ahmed 04/26/2022

Quant Time: Apr 20 19:20:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	4504	0.400	ng	0.00
7) Naphthalene-d8	10.635	136	10793	0.400	ng	# 0.02
13) Acenaphthene-d10	14.461	164	6671	0.400	ng	0.02
19) Phenanthrene-d10	17.203	188	13419	0.400	ng	0.00
29) Chrysene-d12	21.395	240	8626	0.400	ng	# 0.01
35) Perylene-d12	23.740	264	6288	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	3595	0.373	ng	0.00
5) Phenol-d6	7.047	99	2558m	0.233	ng	0.07
8) Nitrobenzene-d5	9.054	82	1662	0.213	ng	0.07
11) 2-Methylnaphthalene-d10	12.228	152	6582	0.376	ng	0.02
14) 2,4,6-Tribromophenol	15.962	330	719	0.241	ng	0.02
15) 2-Fluorobiphenyl	13.103	172	7901	0.297	ng	0.02
27) Fluoranthene-d10	19.231	212	16114	0.411	ng	0.00
31) Terphenyl-d14	19.830	244	8769	0.450	ng	0.00

Target Compounds Qvalue

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

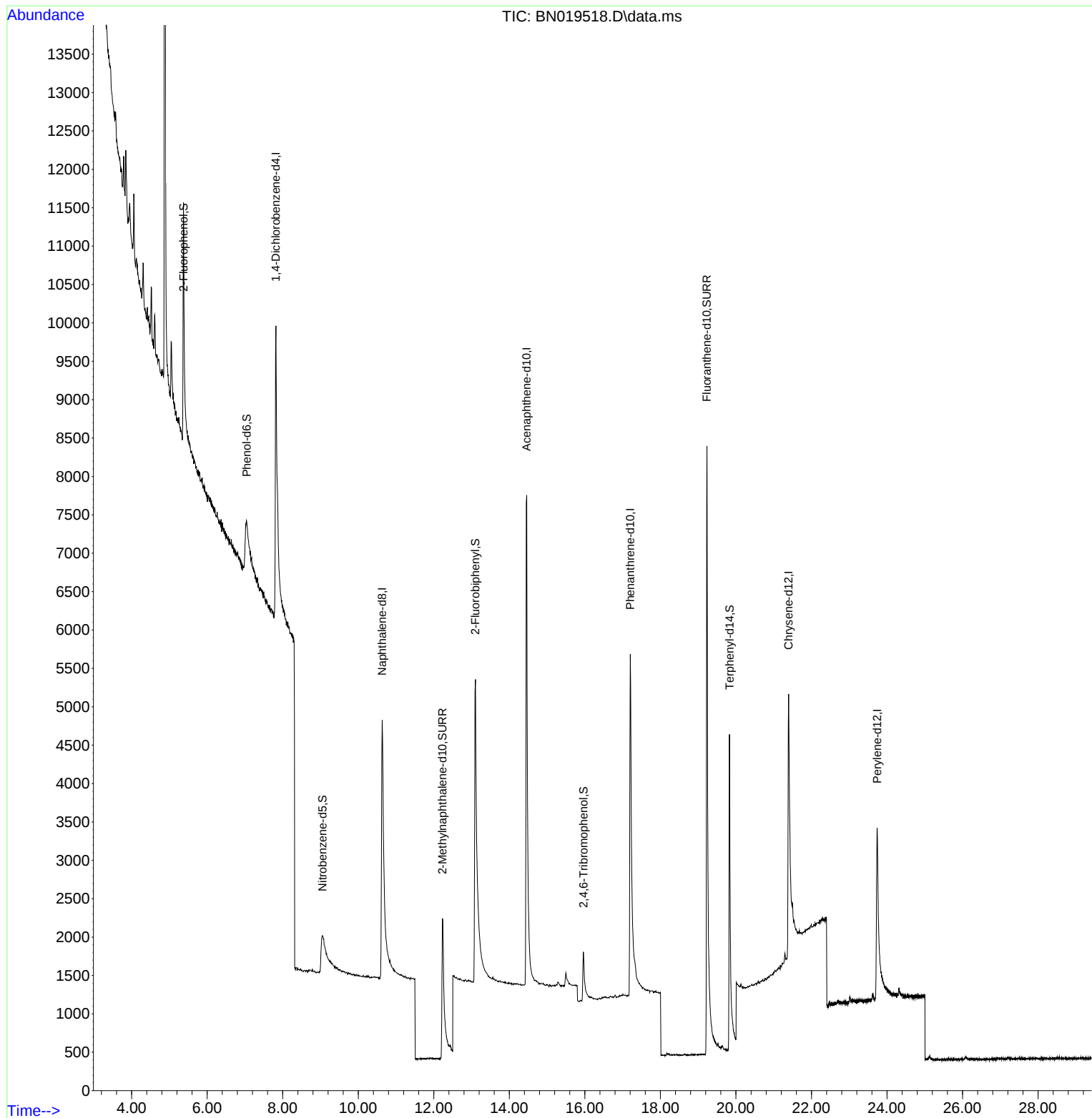
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019518.D
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Sample : PB144158BL
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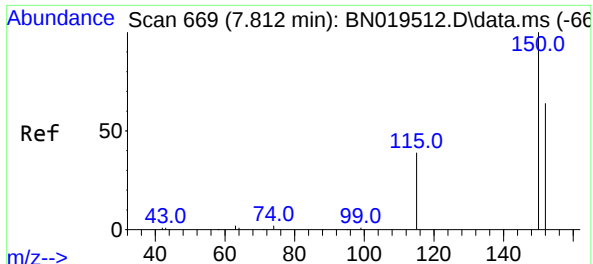
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.819 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

Instrument :

BNA_N

ClientSampleId :

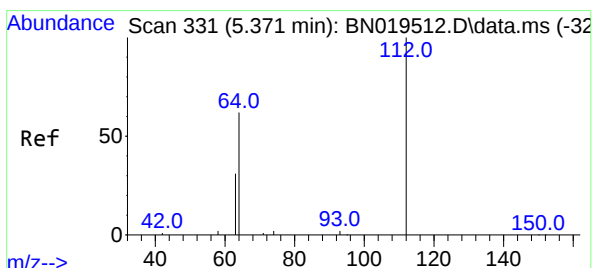
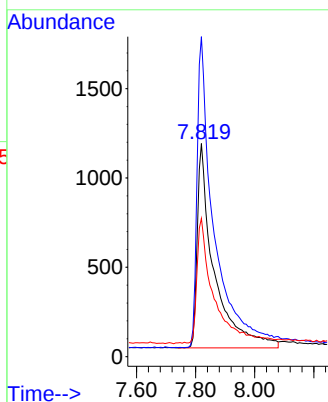
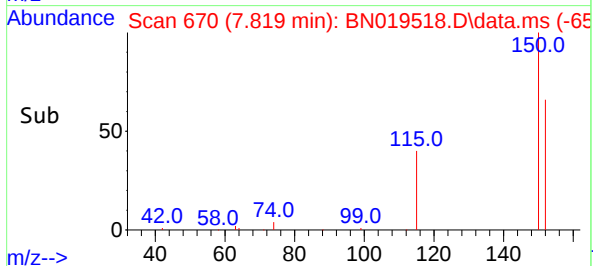
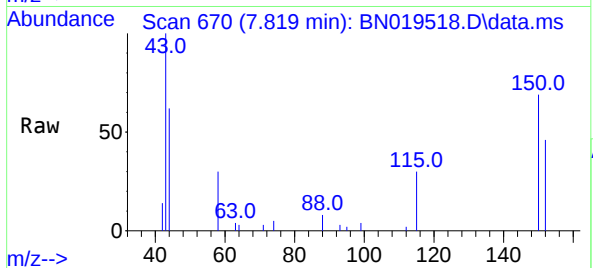
PB144158BL

Tgt Ion:152 Resp: 4504
Ion Ratio Lower Upper
152 100
150 150.1 123.9 185.9
115 64.9 48.2 72.4

Manual Integrations

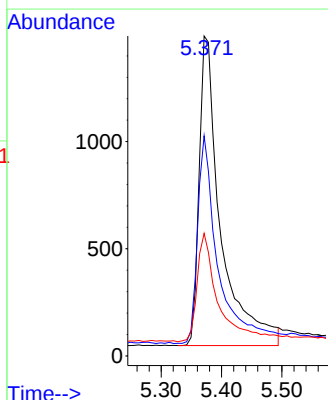
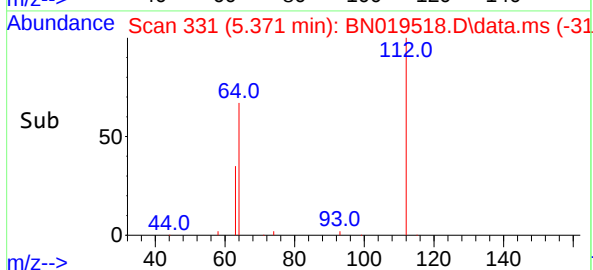
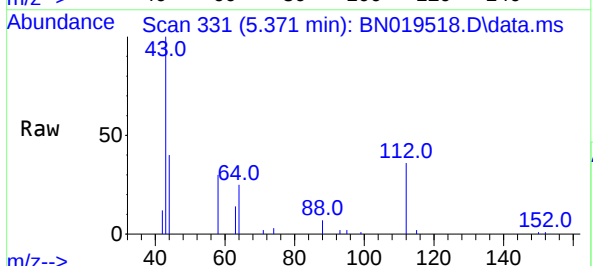
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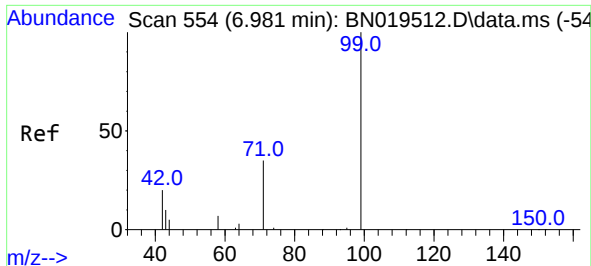
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.371 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

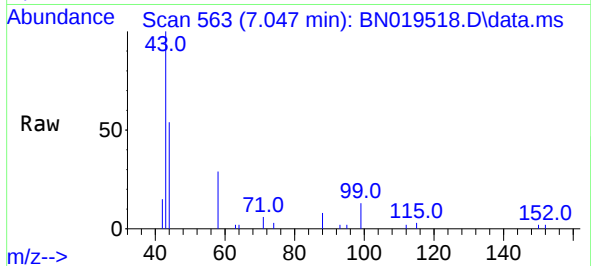
Tgt Ion:112 Resp: 3595
Ion Ratio Lower Upper
112 100
64 64.2 47.8 71.8
63 34.7 25.7 38.5





#5
Phenol-d6
Concen: 0.233 ng m
RT: 7.047 min Scan# 50
Delta R.T. 0.065 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

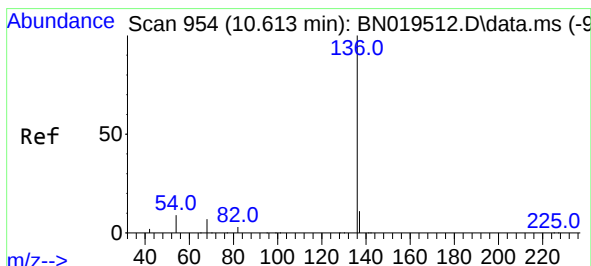
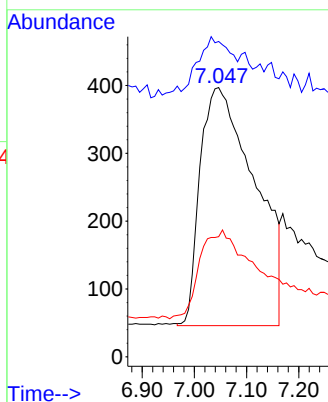
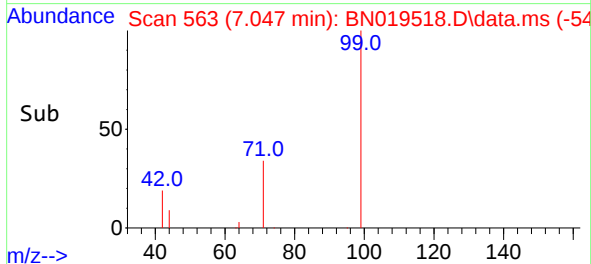
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion: 99 Resp: 255
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4
71 18.0 27.7 41.5

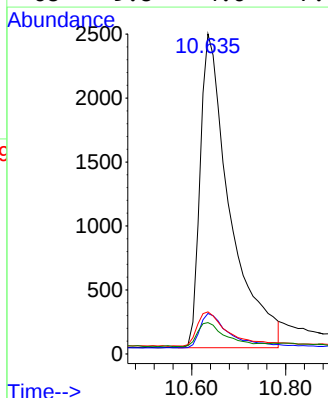
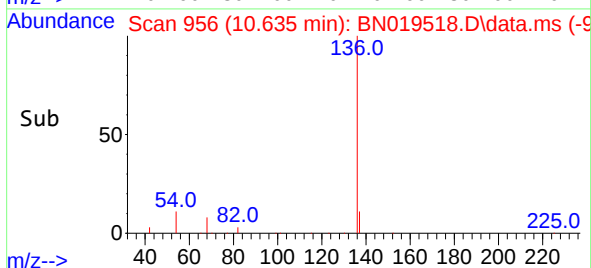
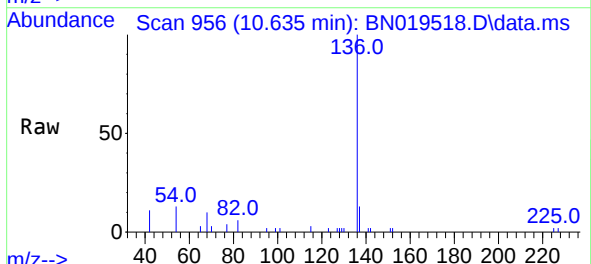
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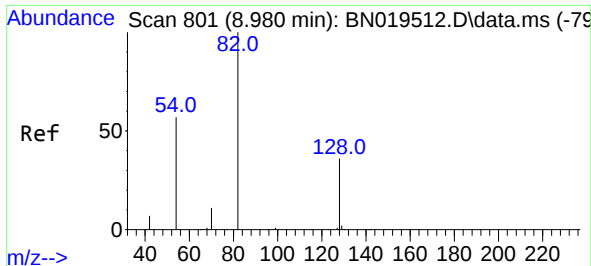
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.021 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

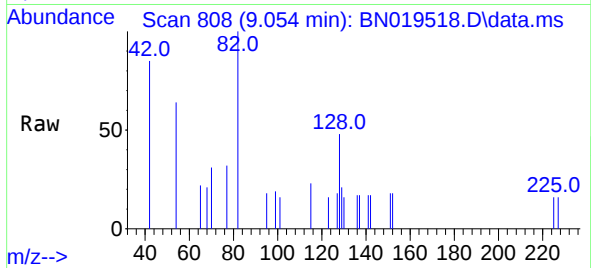
Tgt Ion:136 Resp: 10793
Ion Ratio Lower Upper
136 100
137 12.7 9.0 13.4
54 13.2 5.8 8.6#
68 9.8 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 9.054 min Scan# 801
Delta R.T. 0.075 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

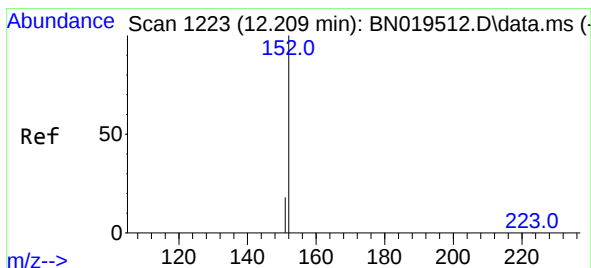
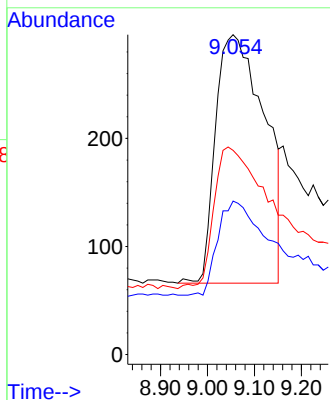
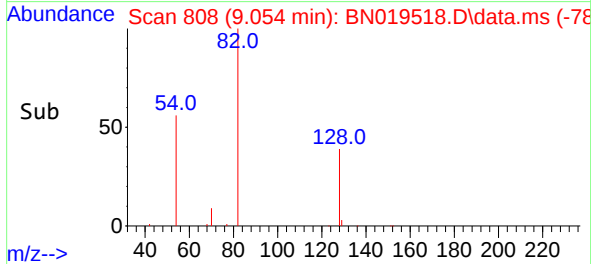
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 1662
Ion Ratio Lower Upper
82 100
128 48.0 33.0 49.6
54 63.9 42.5 63.7

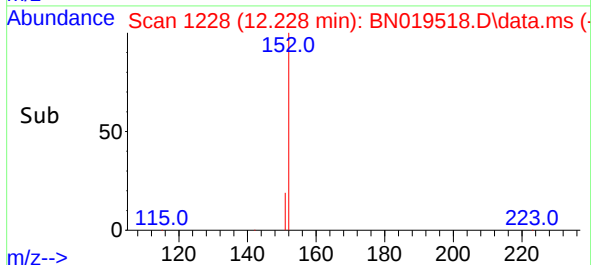
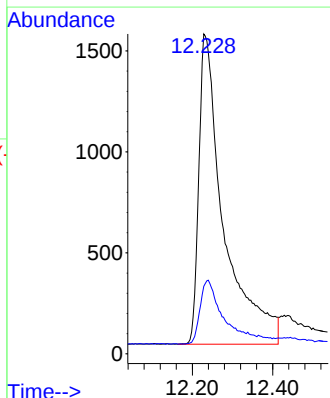
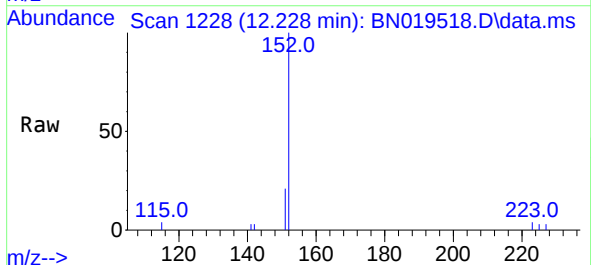
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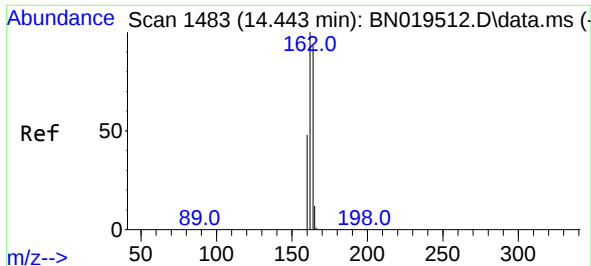
Reviewed By :Christian Giraldo 04/25/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.228 min Scan# 1228
Delta R.T. 0.019 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

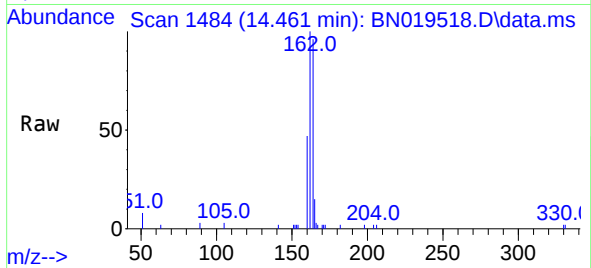
Tgt Ion:152 Resp: 6582
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.461 min Scan# 1484
Delta R.T. 0.018 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

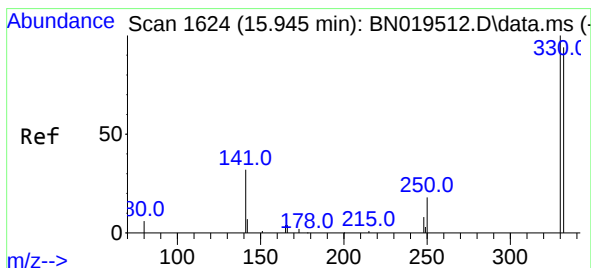
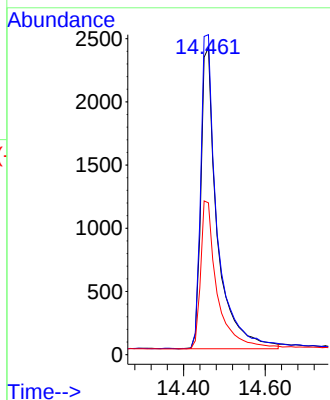
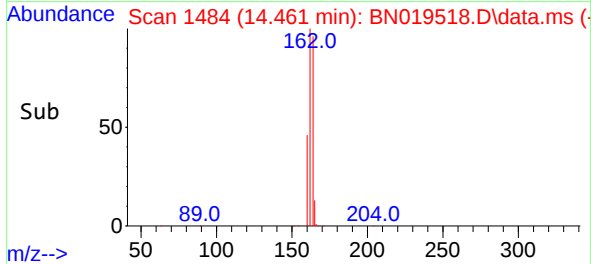
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion:164 Resp: 667
Ion Ratio Lower Upper
164 100
162 104.2 85.2 127.8
160 49.5 41.5 62.3

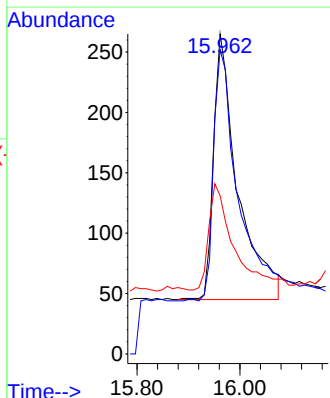
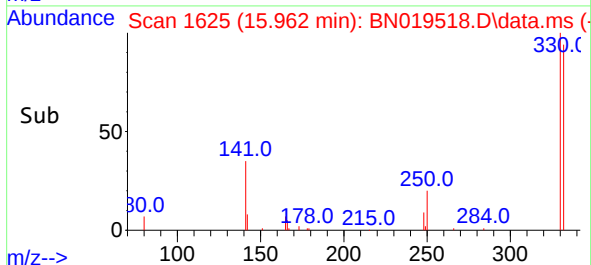
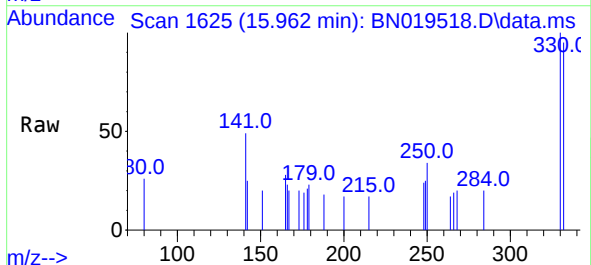
Manual Integrations
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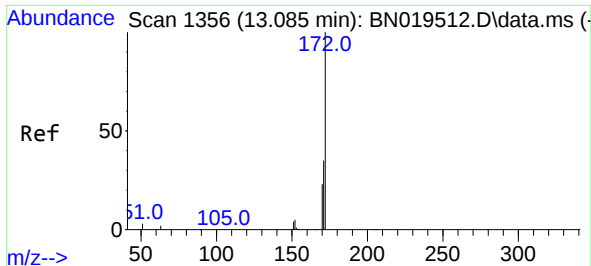
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.962 min Scan# 1625
Delta R.T. 0.017 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

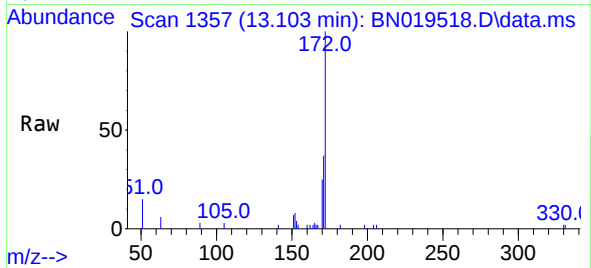
Tgt Ion:330 Resp: 719
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 40.3 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.103 min Scan# 1356
Delta R.T. 0.018 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

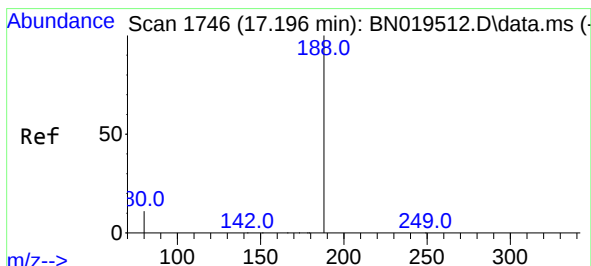
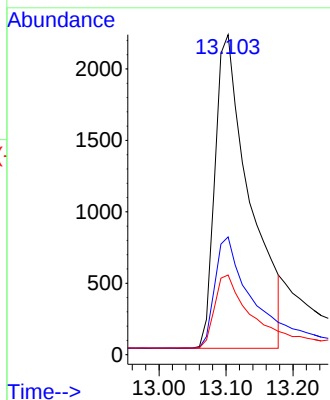
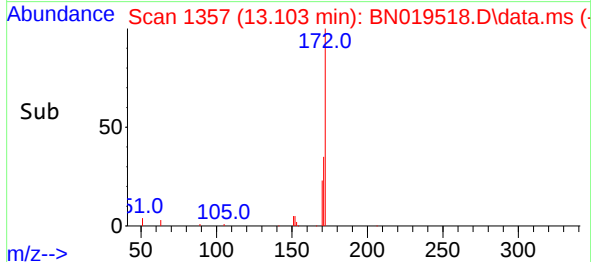
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion:172 Resp: 790
Ion Ratio Lower Upper
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171 36.8 28.2 42.2
170 24.9 18.7 28.1

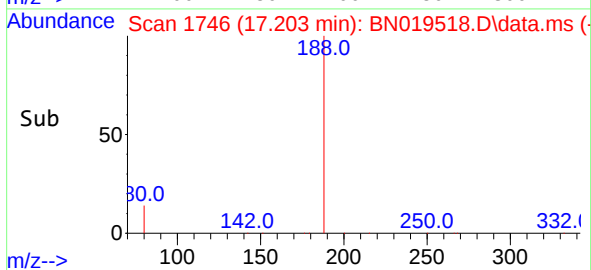
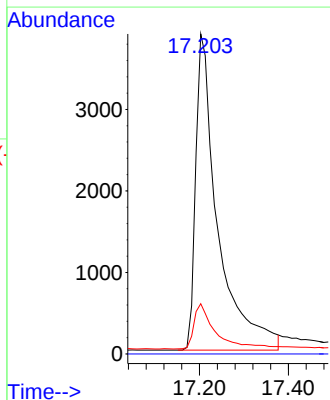
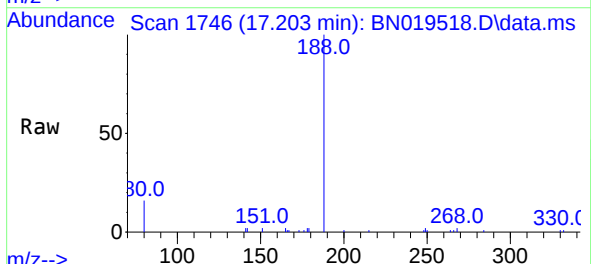
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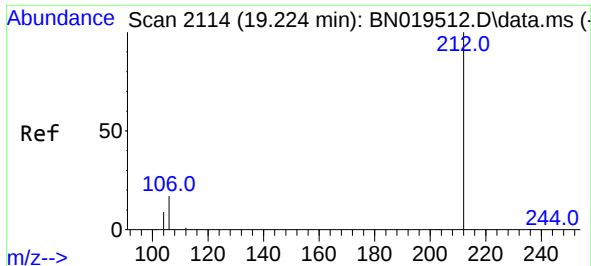
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.203 min Scan# 1746
Delta R.T. 0.007 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

Tgt Ion:188 Resp: 13419
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.231 min Scan# 2114
Delta R.T. 0.007 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

Instrument :

BNA_N

ClientSampleId :

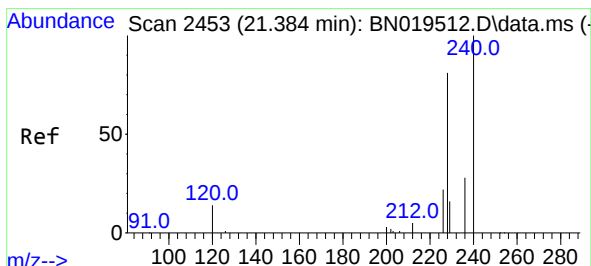
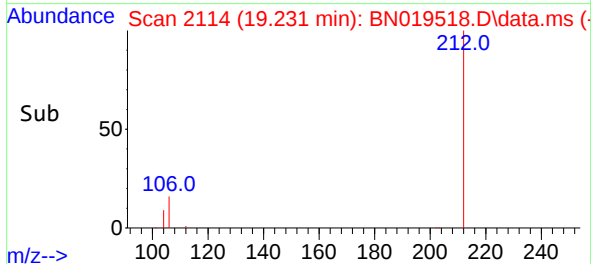
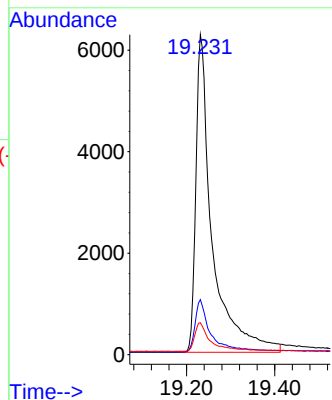
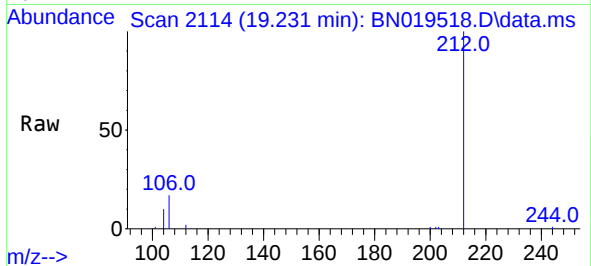
PB144158BL

Tgt Ion:212 Resp: 16114
Ion Ratio Lower Upper
212 100
106 16.0 12.7 19.1
104 8.4 7.1 10.7

Manual Integrations

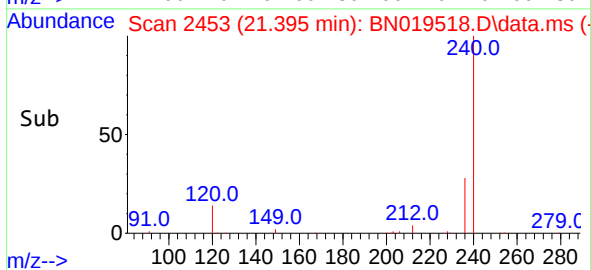
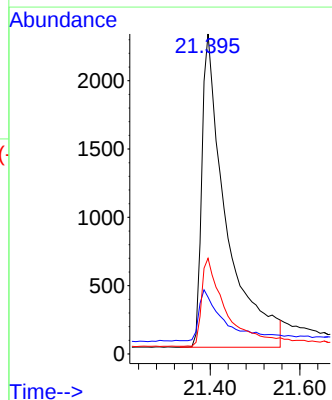
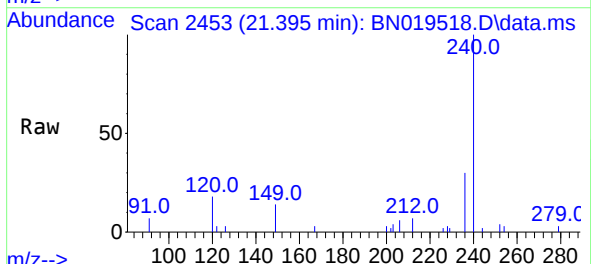
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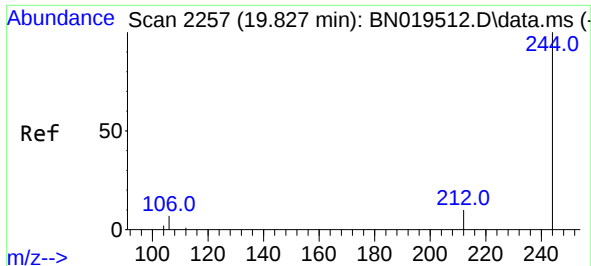
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.011 min
Lab File: BN019518.D
Acq: 20 Apr 2022 18:30

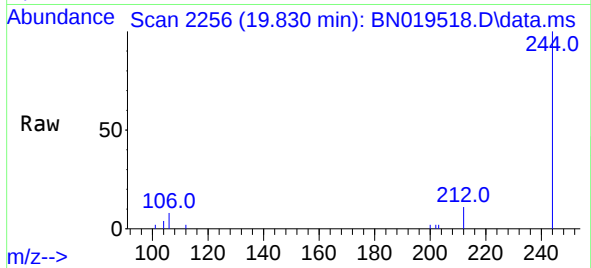
Tgt Ion:240 Resp: 8626
Ion Ratio Lower Upper
240 100
120 17.8 8.5 12.7#
236 29.9 22.4 33.6





#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN019518.D
 Acq: 20 Apr 2022 18:30

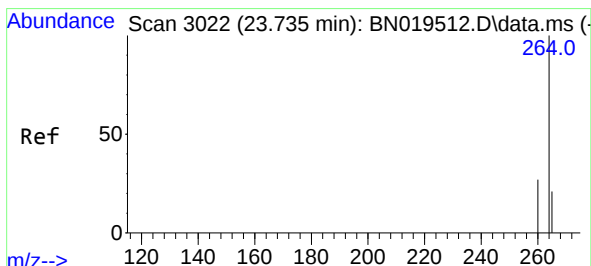
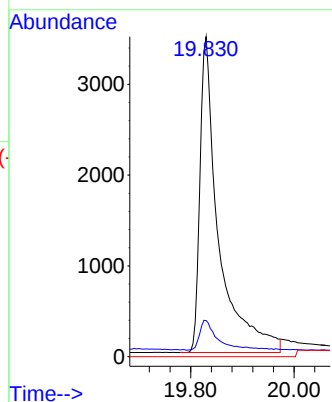
Instrument :
 BNA_N
 ClientSampleId :
 PB144158BL



Tgt Ion:244 Resp: 8769
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 0.0 0.0 0.0

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.740 min Scan# 3022
 Delta R.T. 0.005 min
 Lab File: BN019518.D
 Acq: 20 Apr 2022 18:30

Tgt Ion:264 Resp: 6288
 Ion Ratio Lower Upper
 264 100
 260 28.9 22.4 33.6
 265 55.8 25.3 37.9#

