

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
 Data File : BN019698.D
 Acq On : 06 May 2022 14:01
 Operator : CG/JU
 Sample : N2735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 07 00:51:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5896	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	18429	0.400	ng	0.00
13) Acenaphthene-d10	14.485	164	9774	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17957	0.400	ng	0.00
29) Chrysene-d12	21.404	240	9695	0.400	ng	0.00
35) Perylene-d12	23.750	264	8629	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	5237	0.381	ng	0.00
5) Phenol-d6	7.024	99	6269	0.372	ng	0.00
8) Nitrobenzene-d5	9.003	82	5420m	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	12006	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	964	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	16429	0.390	ng	0.00
27) Fluoranthene-d10	19.249	212	18118	0.364	ng	0.00
31) Terphenyl-d14	19.847	244	11392	0.502	ng	0.00
Target Compounds						Qvalue
37) Benzo(b)fluoranthene	23.048	252	4602603	129.072	ng	# 89

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

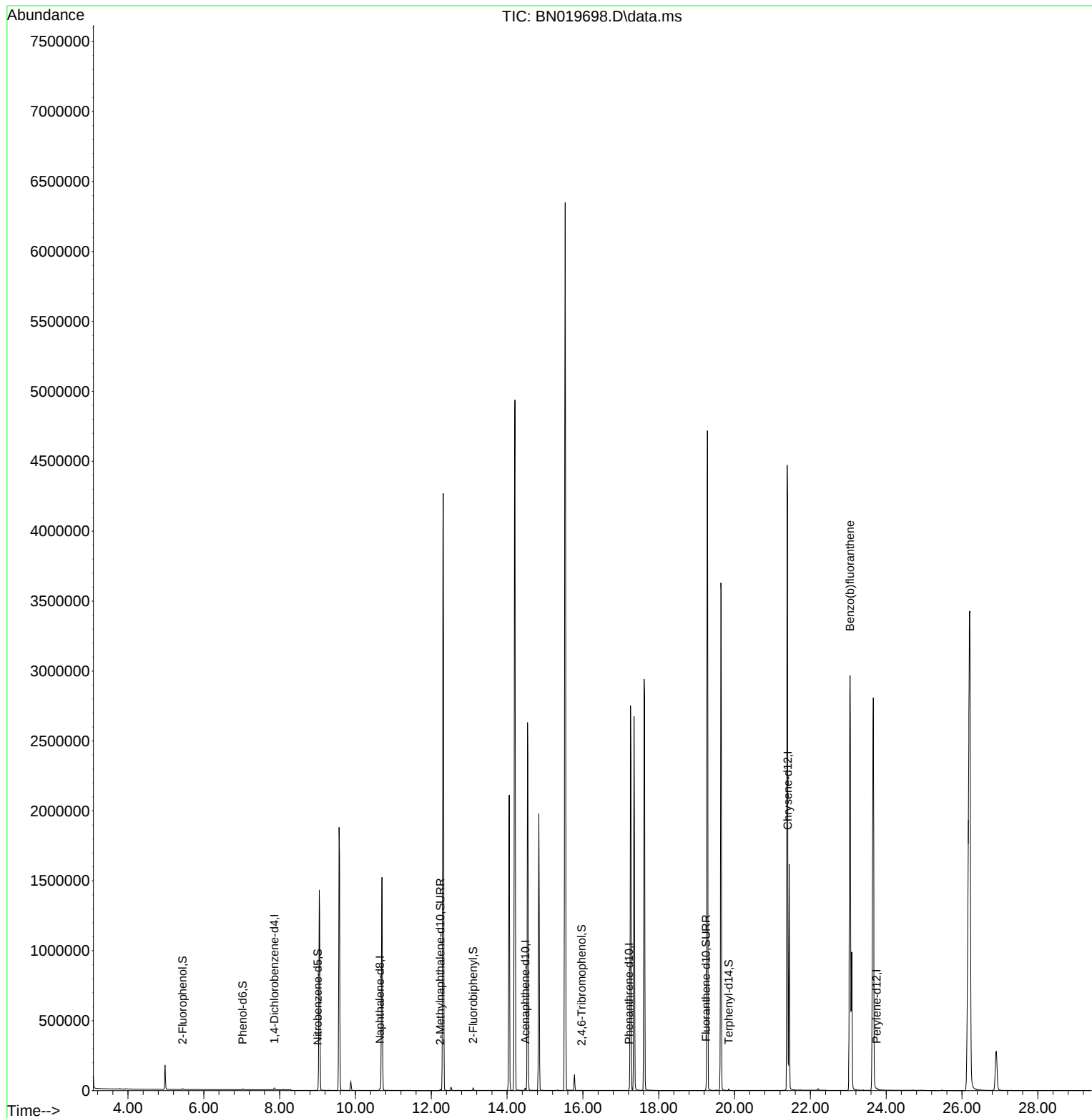
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
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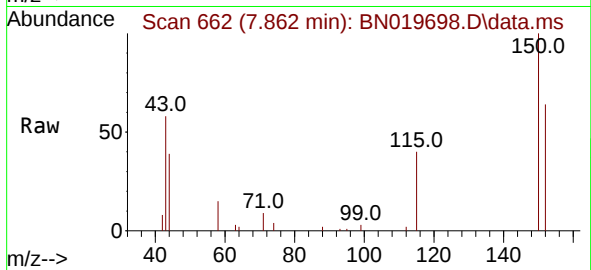
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

Instrument :

BNA_N

ClientSampleId :

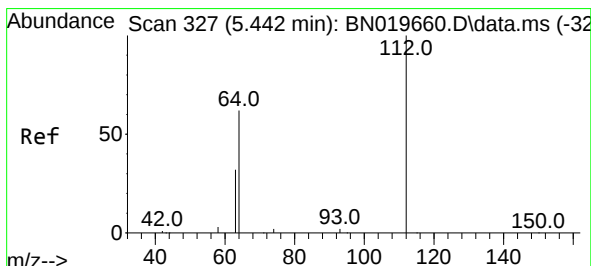
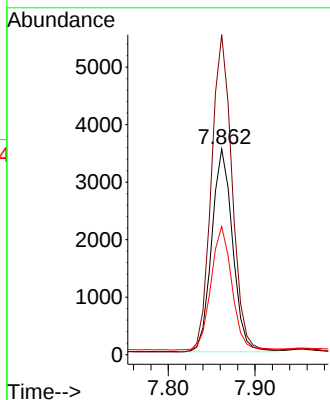
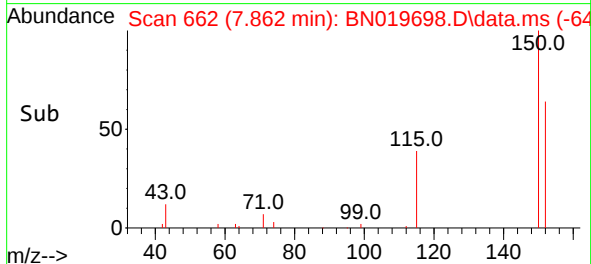
38072-120920



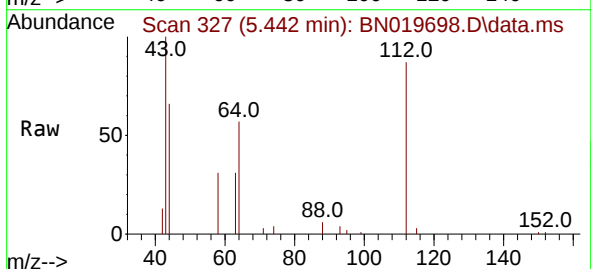
Tgt Ion:152 Resp: 5890
Ion Ratio Lower Upper
152 100
150 155.5 122.6 183.8
115 62.3 49.0 73.6

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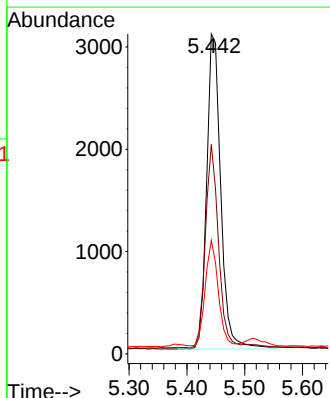
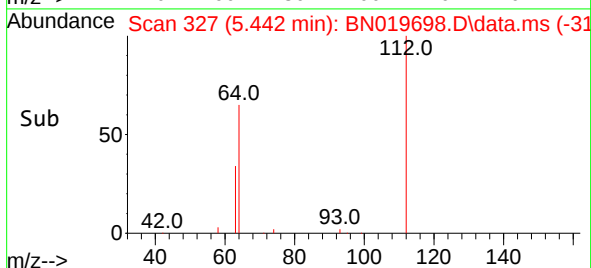
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

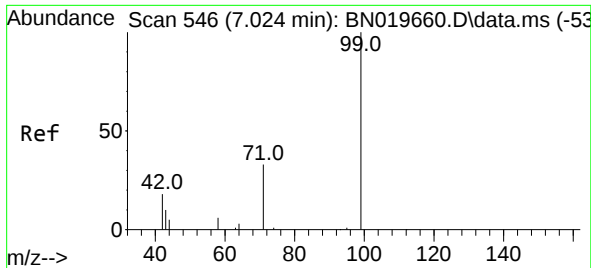


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01



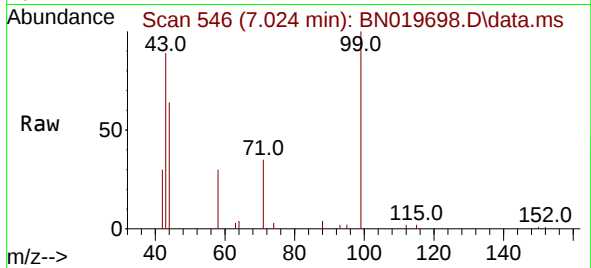
Tgt Ion:112 Resp: 5237
Ion Ratio Lower Upper
112 100
64 59.7 47.3 70.9
63 31.2 24.6 36.8





#5
Phenol-d6
Concen: 0.372 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

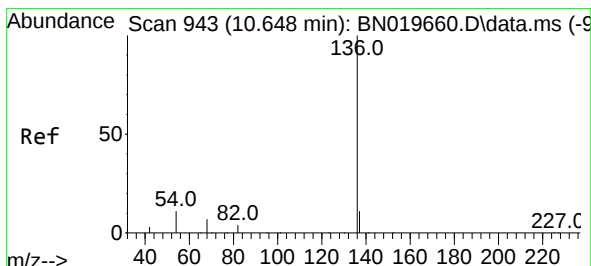
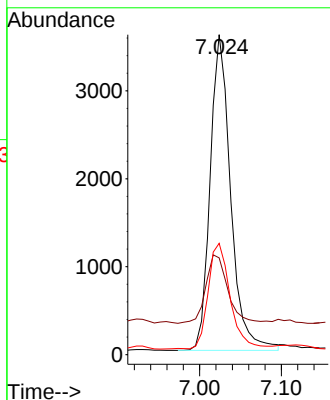
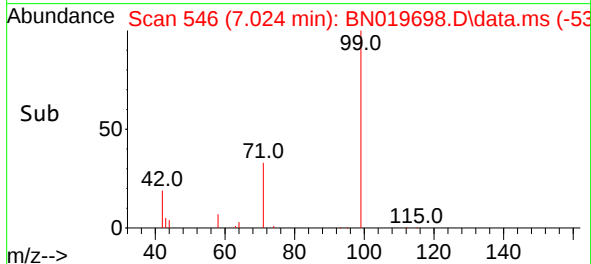
Instrument :
BNA_N
ClientSampleId :
38072-120920



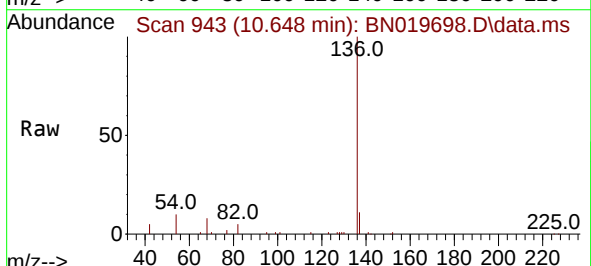
Tgt Ion: 99 Resp: 6269
Ion Ratio Lower Upper
99 100
42 23.1 15.8 23.8
71 36.2 26.5 39.7

Manual Integrations
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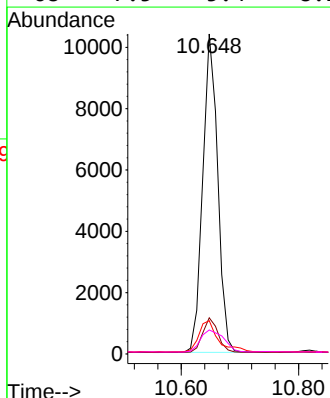
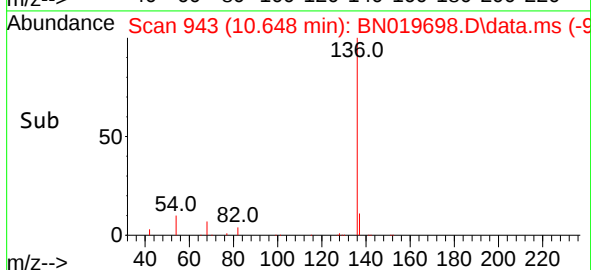
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

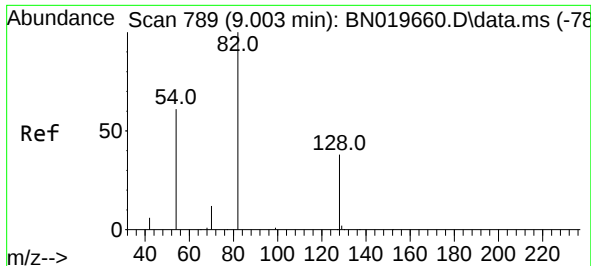


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01



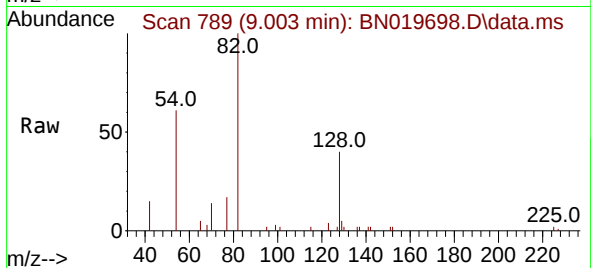
Tgt Ion:136 Resp: 18429
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.4 7.8 11.6
68 7.5 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.363 ng m
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

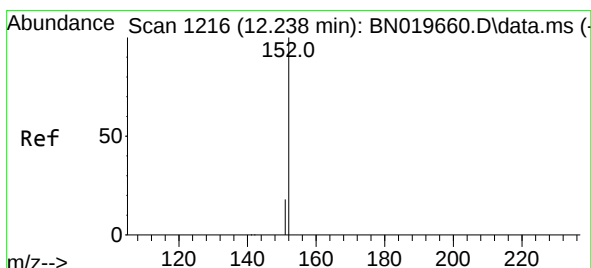
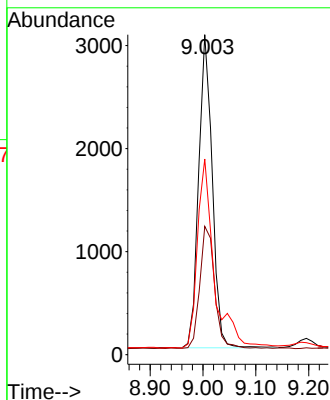
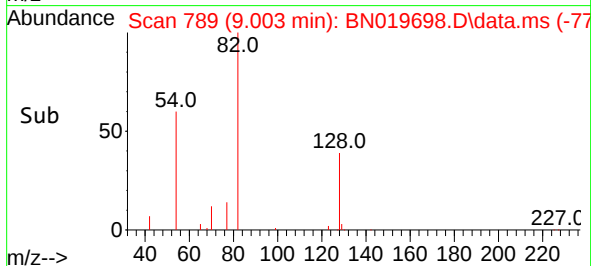
Instrument :
BNA_N
ClientSampleId :
38072-120920



Tgt Ion: 82 Resp: 5420
Ion Ratio Lower Upper
82 100
128 40.1 32.4 48.6
54 61.1 44.4 66.6

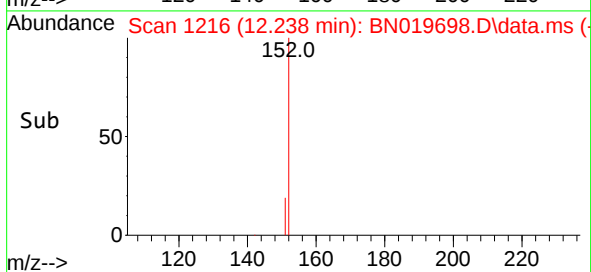
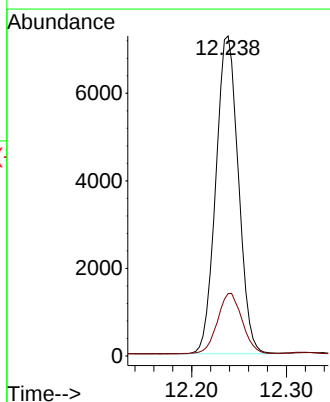
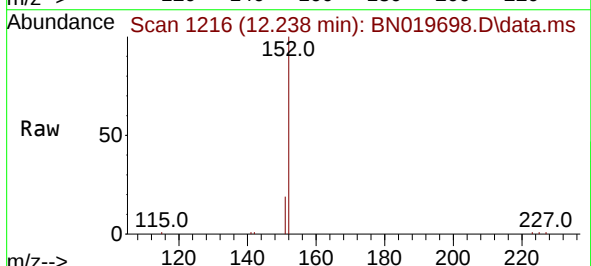
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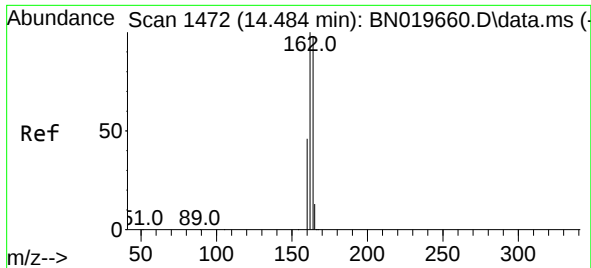
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.238 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

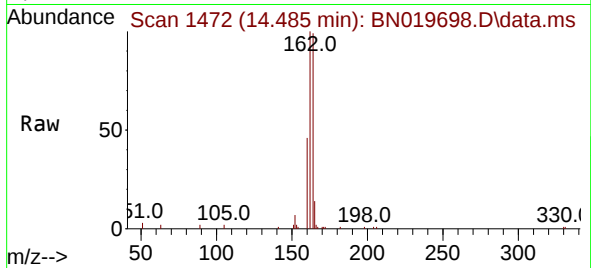
Tgt Ion:152 Resp: 12006
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

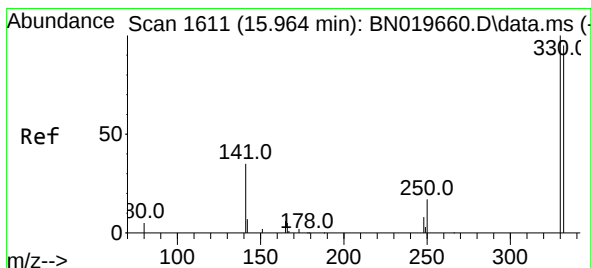
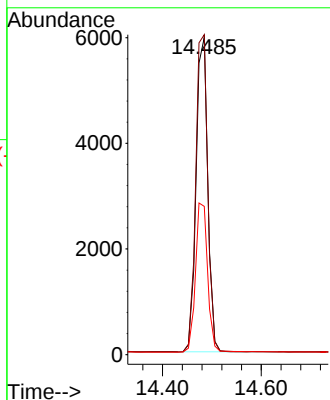
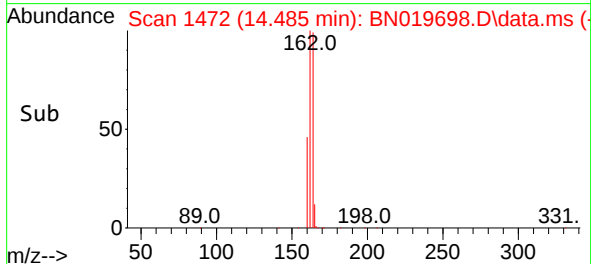
Instrument :
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ClientSampleId :
38072-120920



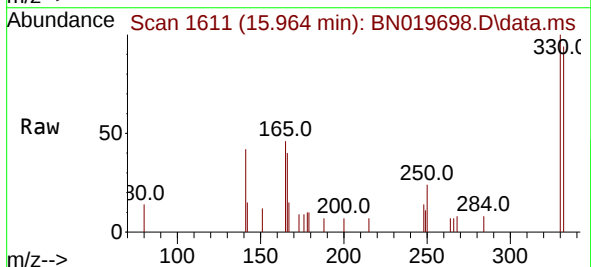
Tgt Ion:164 Resp: 9774
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 46.7 38.3 57.5

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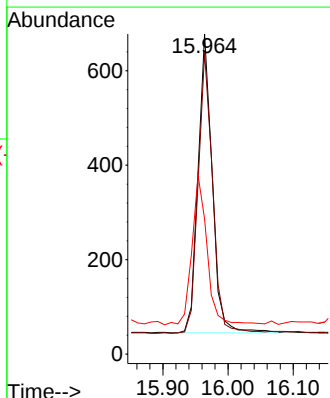
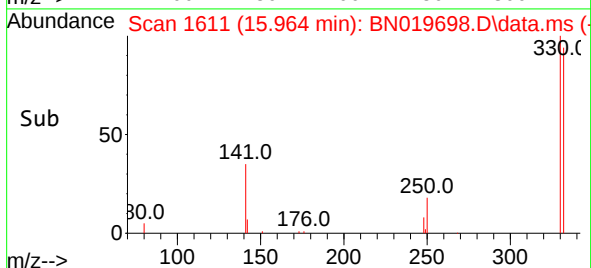
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

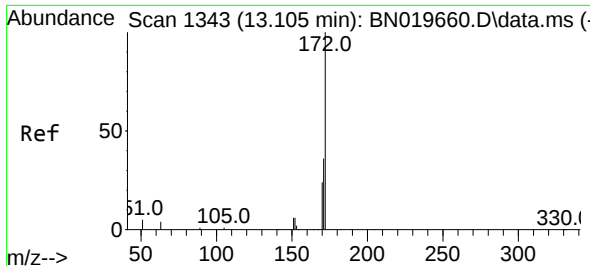


#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01



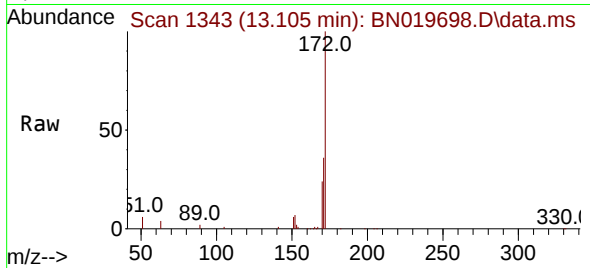
Tgt Ion:330 Resp: 964
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 53.2 39.7 59.5





#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

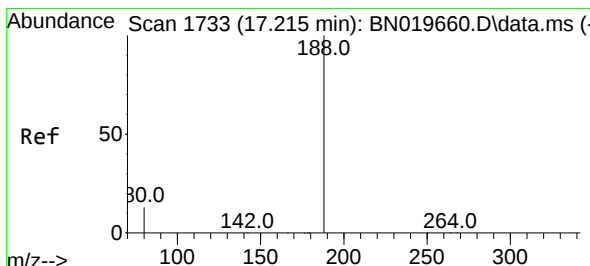
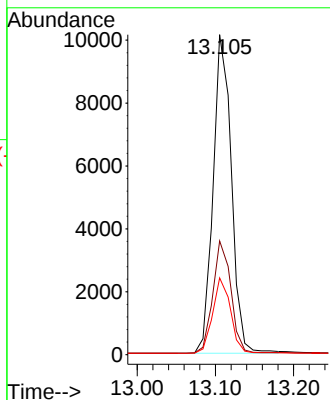
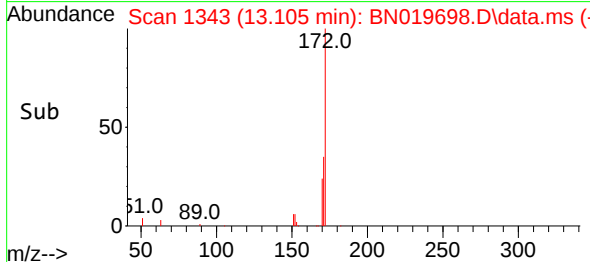
Instrument :
BNA_N
ClientSampleId :
38072-120920



Tgt Ion:172 Resp: 16429
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 24.0 19.0 28.4

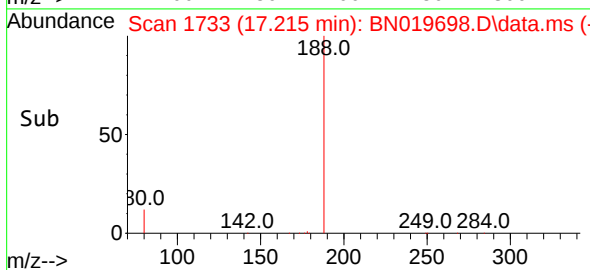
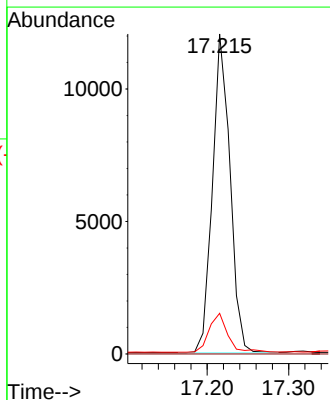
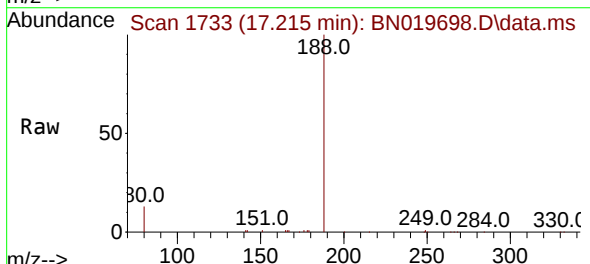
Manual Integrations
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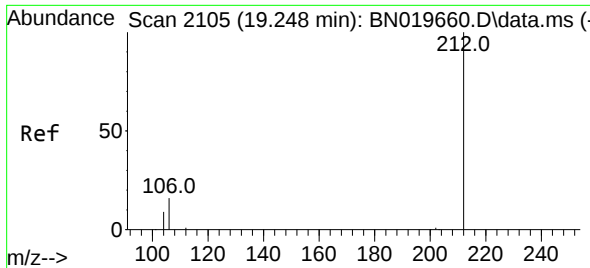
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

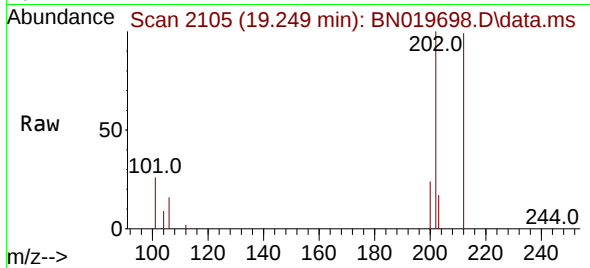
Tgt Ion:188 Resp: 17957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 8.6 12.8





#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

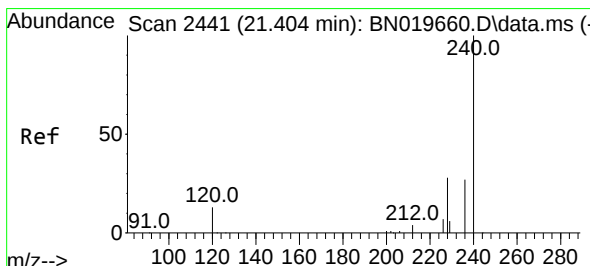
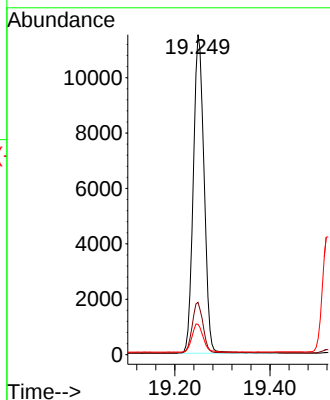
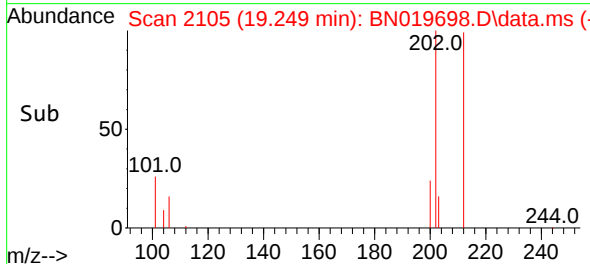
Instrument :
BNA_N
ClientSampleId :
38072-120920



Tgt Ion:212 Resp: 18118
Ion Ratio Lower Upper
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106 15.7 13.5 20.3
104 9.2 7.6 11.4

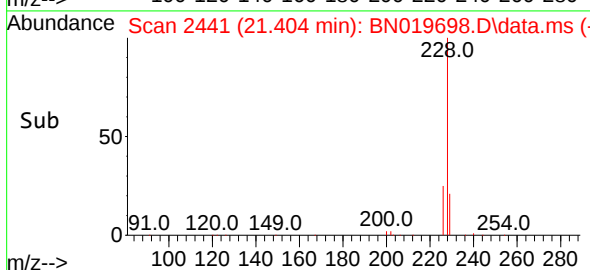
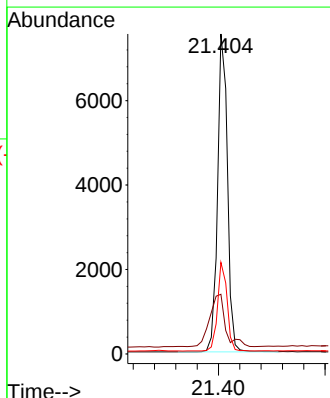
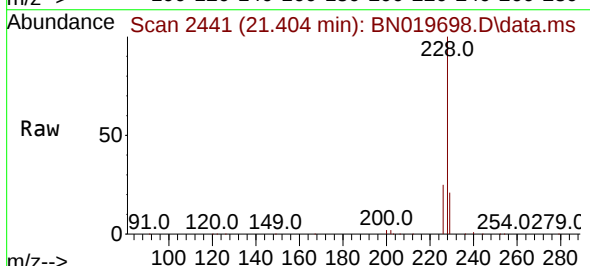
Manual Integrations
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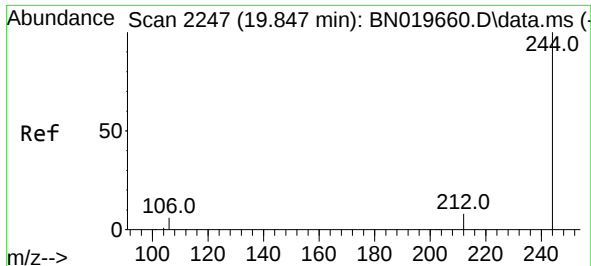
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

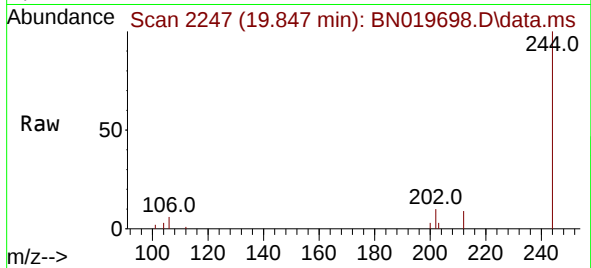
Tgt Ion:240 Resp: 9695
Ion Ratio Lower Upper
240 100
120 18.6 17.4 26.2
236 28.6 23.0 34.4





#31
Terphenyl-d14
Concen: 0.502 ng
RT: 19.847 min Scan# 21139
Delta R.T. 0.000 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

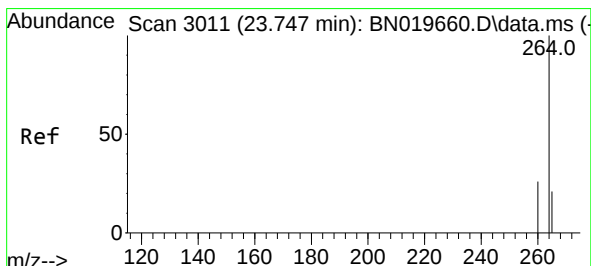
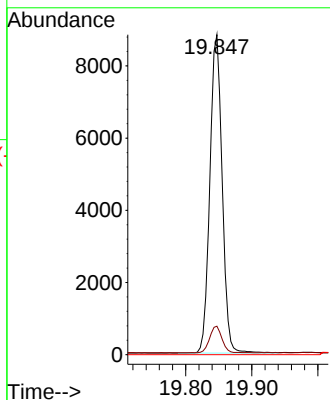
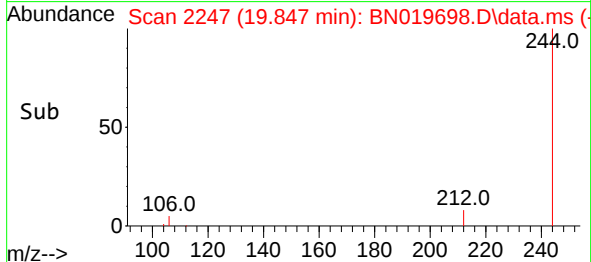
Instrument :
BNA_N
ClientSampleId :
38072-120920



Tgt Ion:244 Resp: 11392
Ion Ratio Lower Upper
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212 8.9 7.6 11.4
122 0.0 0.0 0.0

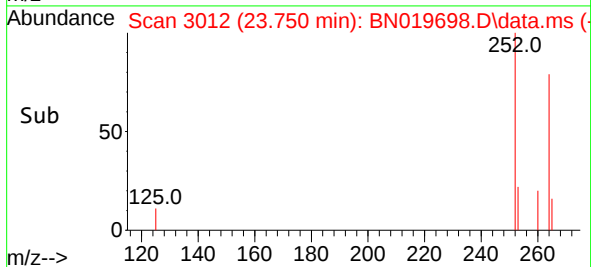
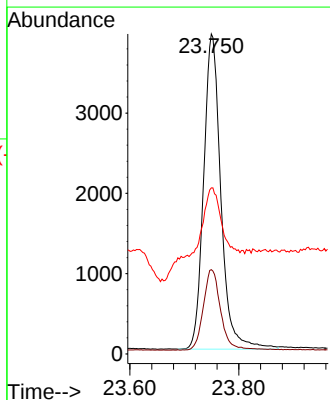
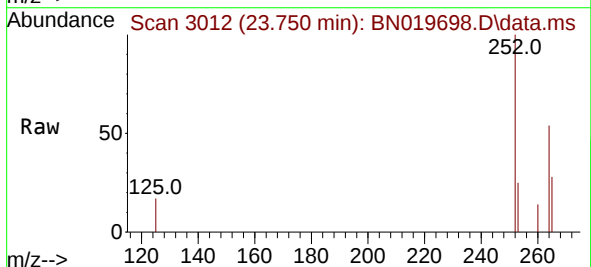
Manual Integrations
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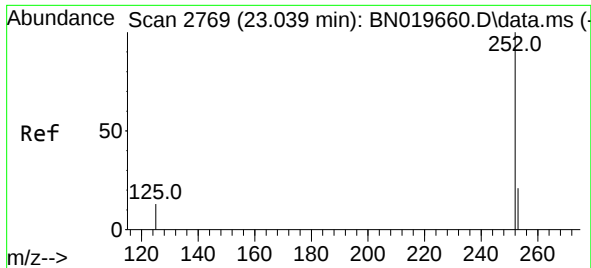
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 3012
Delta R.T. 0.003 min
Lab File: BN019698.D
Acq: 06 May 2022 14:01

Tgt Ion:264 Resp: 8629
Ion Ratio Lower Upper
264 100
260 26.4 21.0 31.6
265 51.9 67.9 101.9#





#37

Benzo(b)fluoranthene

Concen: 129.072 ng

RT: 23.048 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN019698.D

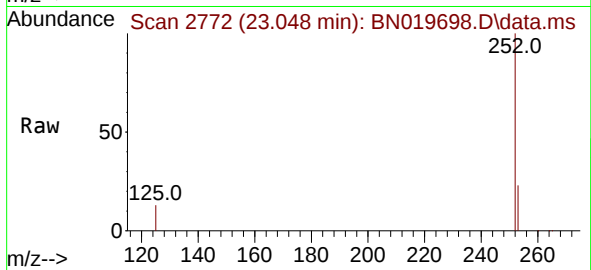
Acq: 06 May 2022 14:01

Instrument :

BNA_N

ClientSampleId :

38072-120920



Tgt Ion:252 Resp: 460260

Ion Ratio Lower Upper

252 100

253 22.5 21.2 31.8

125 12.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2022

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