

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
 Data File : BN019699.D
 Acq On : 06 May 2022 14:46
 Operator : CG/JU
 Sample : N2735-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL

Manual Integrations
 APPROVED

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

Quant Time: May 07 00:51:57 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	5733	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	17811	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	9820	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	18725	0.400	ng	0.00
29) Chrysene-d12	21.404	240	15350	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	10539	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	446	0.033	ng	0.00
5) Phenol-d6	7.024	99	513	0.031	ng	0.00
8) Nitrobenzene-d5	9.003	82	475m	0.033	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	1083	0.037	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	83	0.023	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	1462	0.035	ng	0.00
27) Fluoranthene-d10	19.249	212	1811	0.035	ng	0.00
31) Terphenyl-d14	19.847	244	1202	0.033	ng	0.00
Target Compounds						
37) Benzo(b)fluoranthene	23.036	252	727566	16.706	ng	# 88

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

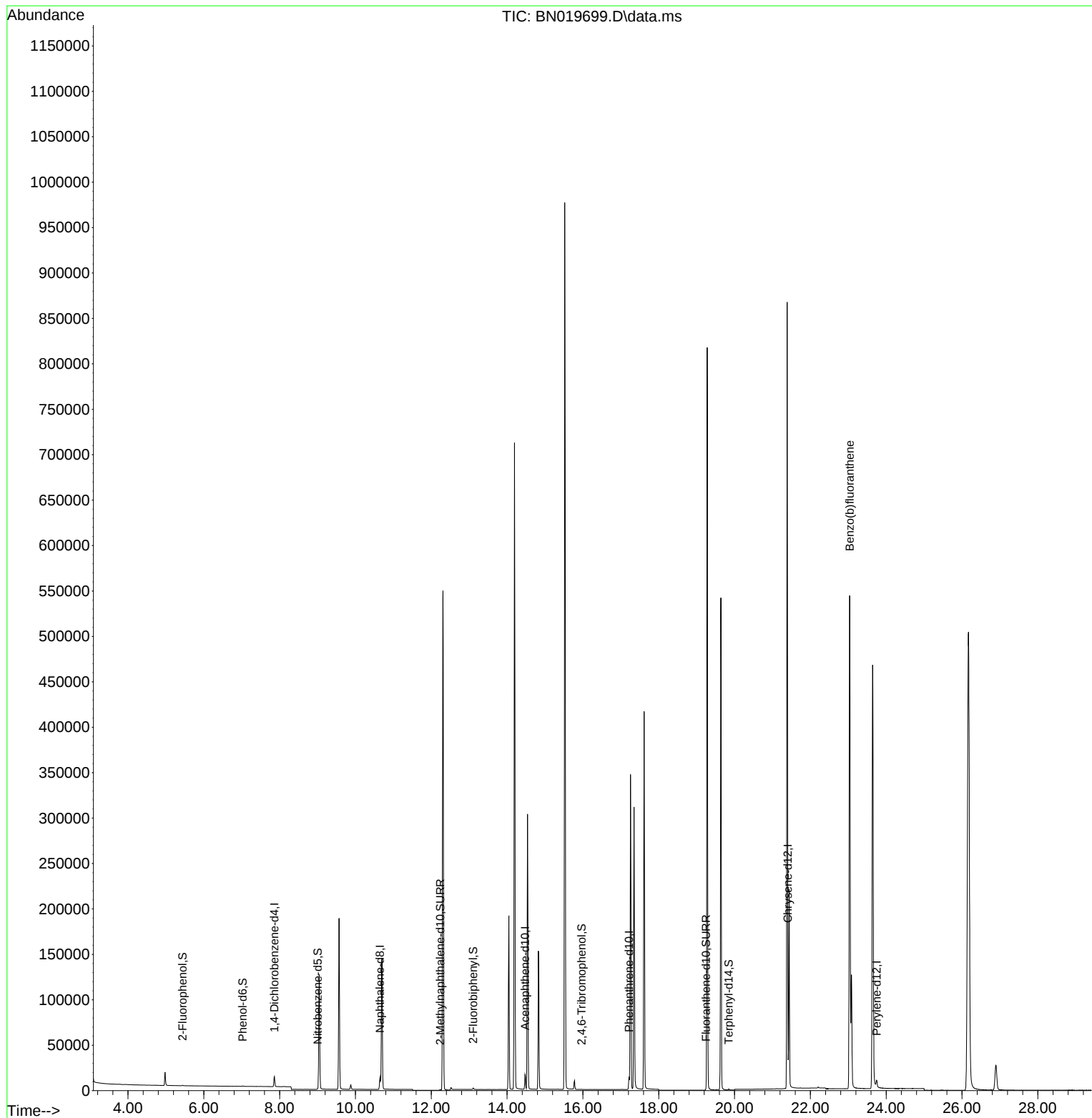
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019699.D
Acq On : 06 May 2022 14:46
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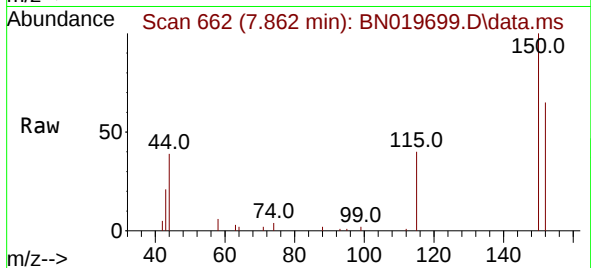
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

Instrument :

BNA_N

ClientSampleId :

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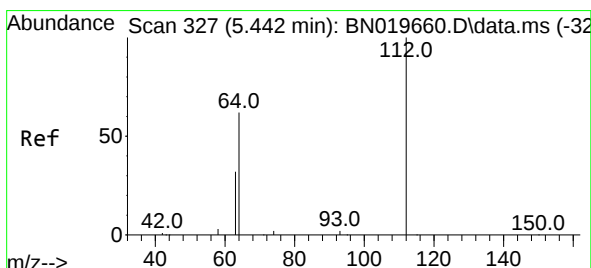
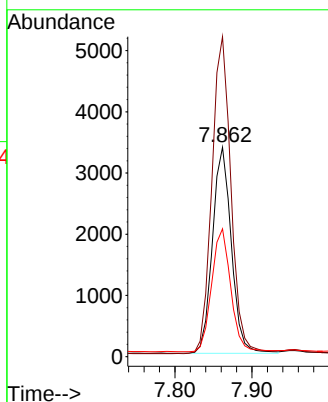
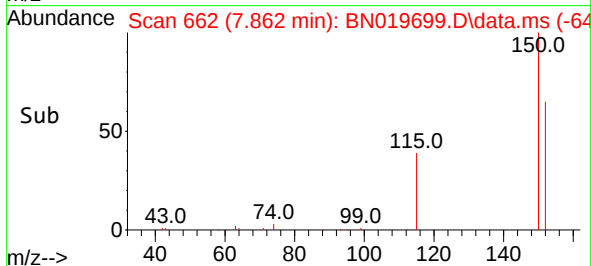


Tgt Ion:152 Resp: 573
Ion Ratio Lower Upper
152 100
150 152.8 122.6 183.8
115 61.0 49.0 73.6

Manual Integrations

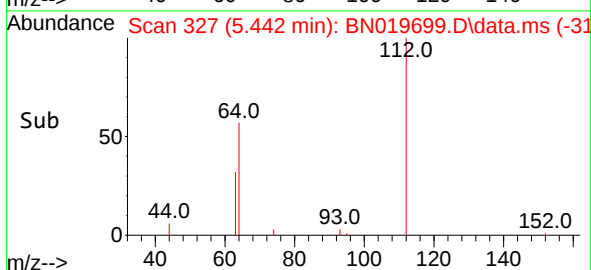
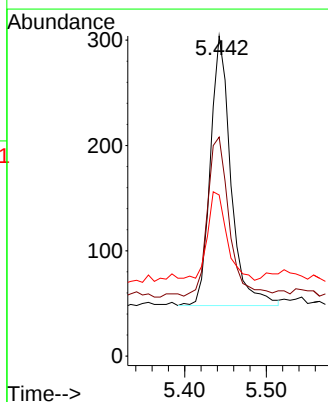
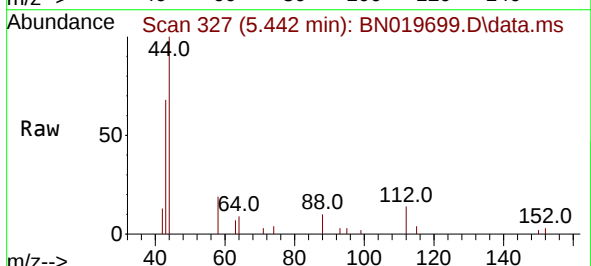
APPROVED

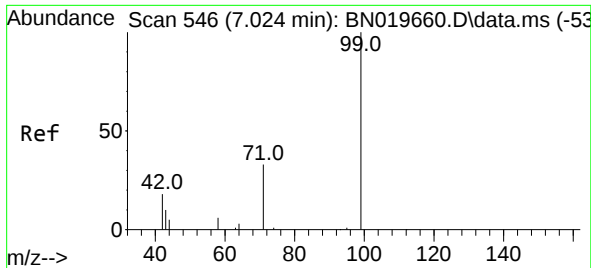
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

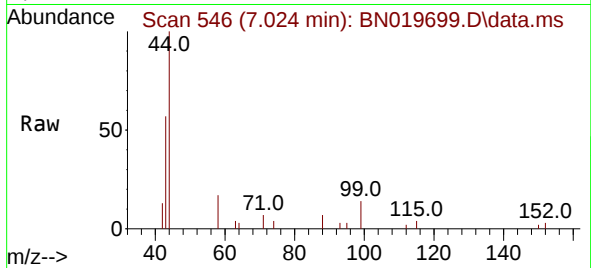
Tgt Ion:112 Resp: 446
Ion Ratio Lower Upper
112 100
64 63.0 47.3 70.9
63 31.8 24.6 36.8





#5
Phenol-d6
Concen: 0.031 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

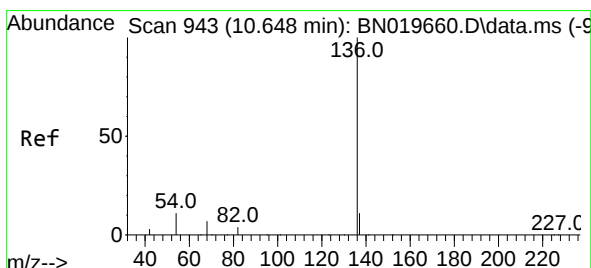
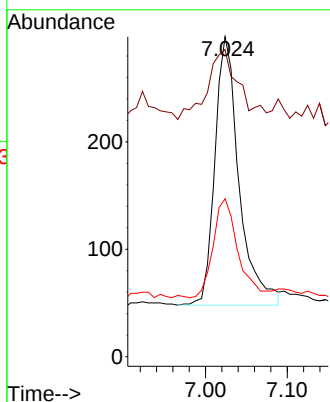
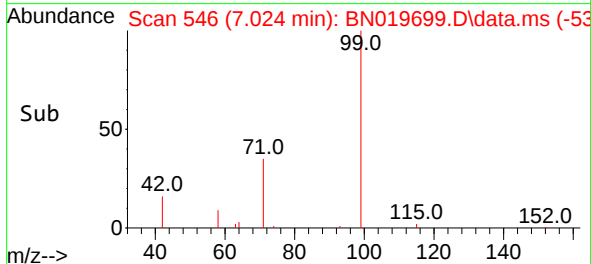
Instrument :
BNA_N
ClientSampleId :
38072-120920DL



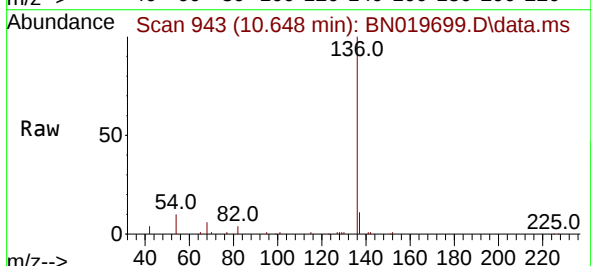
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Ion Ratio Lower Upper
99 100
42 33.3 15.8 23.8
71 37.6 26.5 39.7

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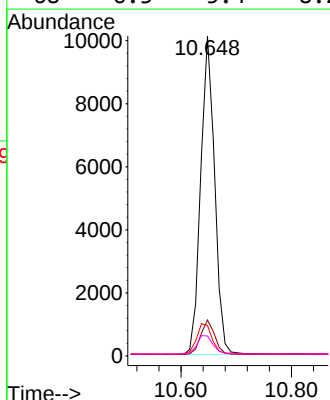
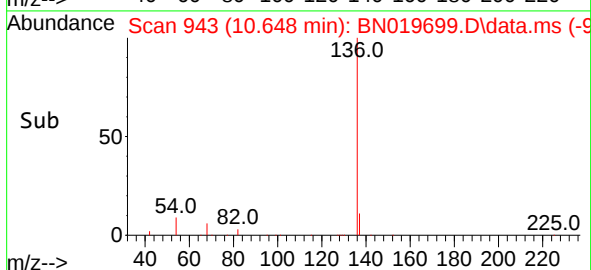
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

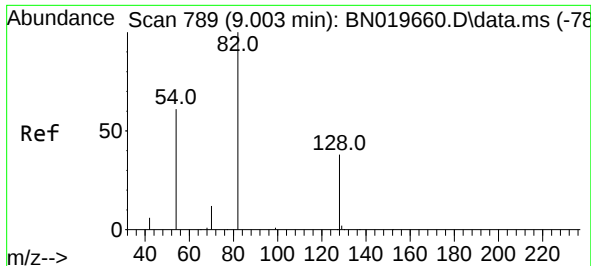


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46



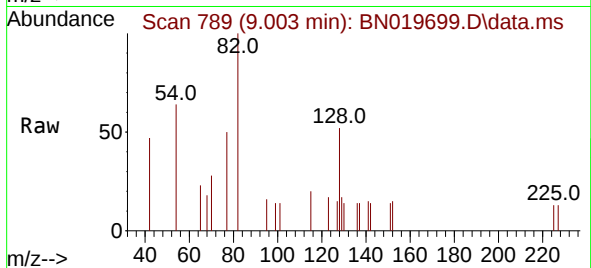
Tgt Ion:136 Resp: 17811
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.6 7.8 11.6
68 6.3 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.033 ng m
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

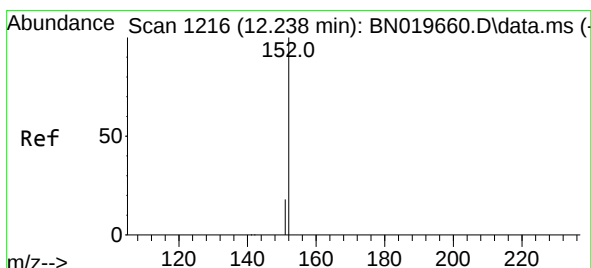
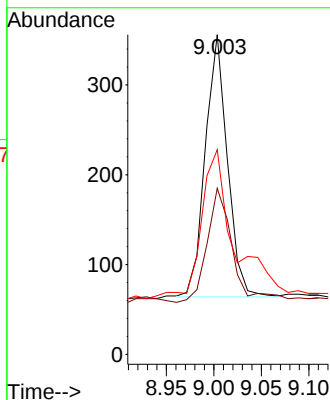
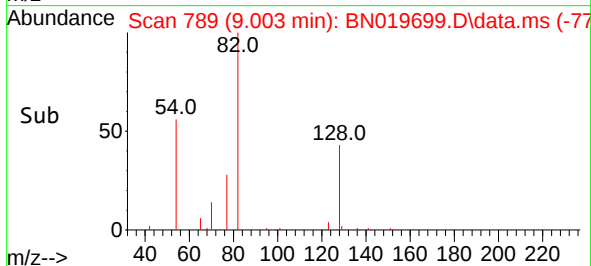
Instrument :
BNA_N
ClientSampleId :
38072-120920DL



Tgt Ion: 82 Resp: 479
Ion Ratio Lower Upper
82 100
128 52.0 32.4 48.6
54 64.0 44.4 66.6

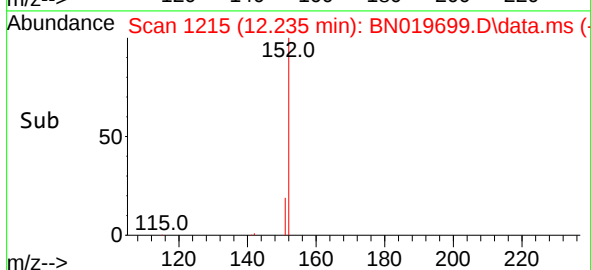
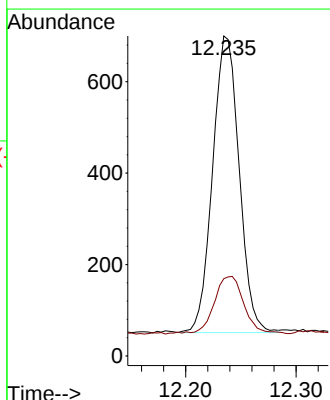
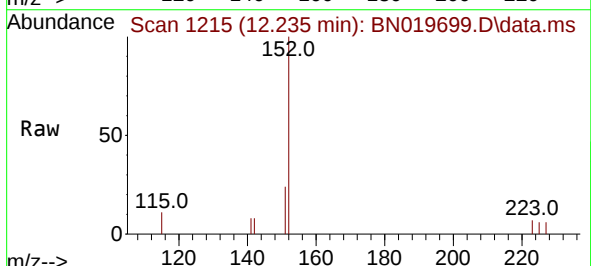
Manual Integrations
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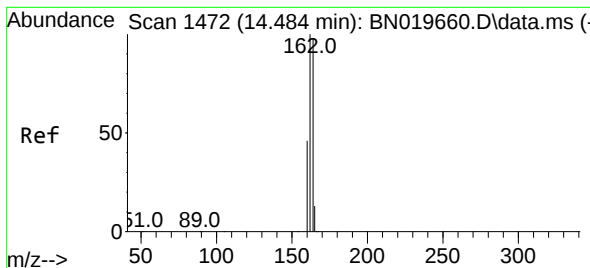
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.235 min Scan# 1215
Delta R.T. -0.004 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

Tgt Ion:152 Resp: 1083
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1472

Delta R.T. -0.011 min

Lab File: BN019699.D

Acq: 06 May 2022 14:46

Instrument :

BNA_N

ClientSampleId :

38072-120920DL

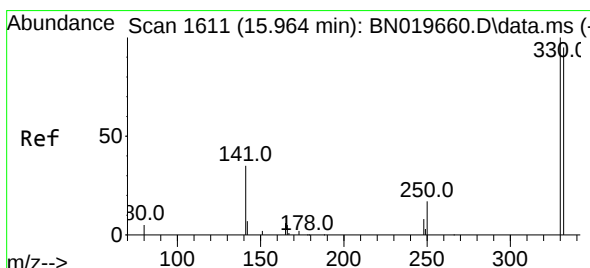
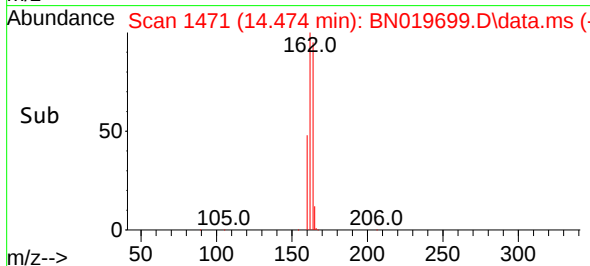
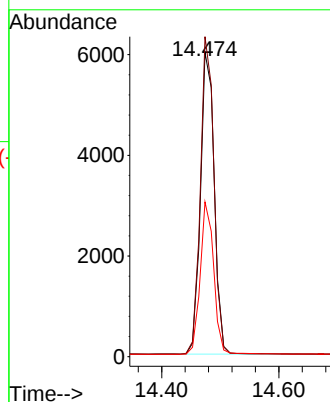
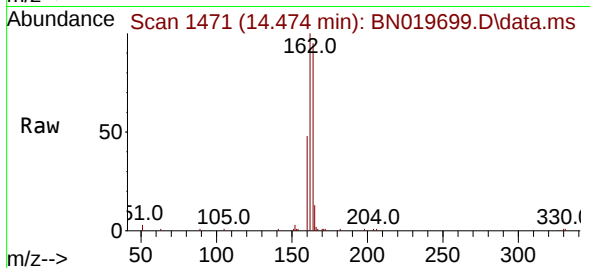
Tgt Ion:164 Resp: 9820

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.6
160	50.9	38.3	57.5

Manual Integrations

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



#14

2,4,6-Tribromophenol

Concen: 0.023 ng

RT: 15.964 min Scan# 1611

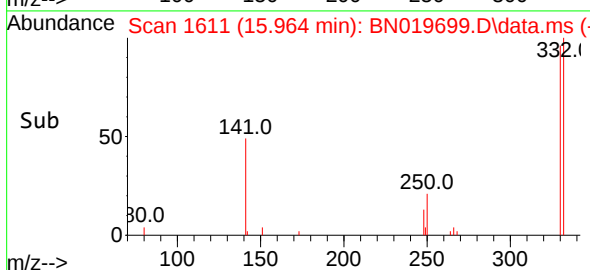
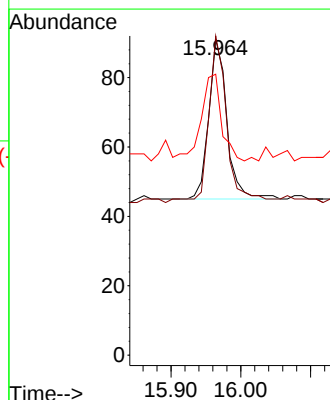
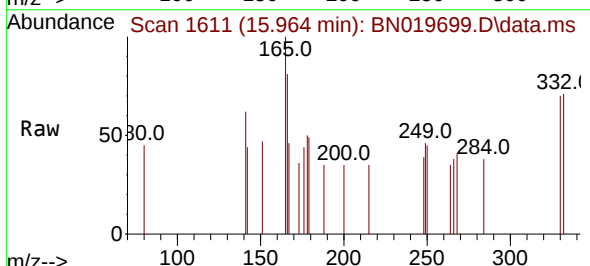
Delta R.T. 0.000 min

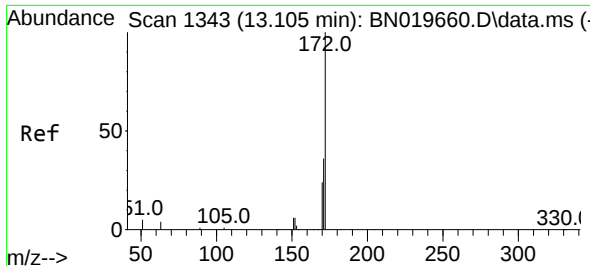
Lab File: BN019699.D

Acq: 06 May 2022 14:46

Tgt Ion:330 Resp: 83

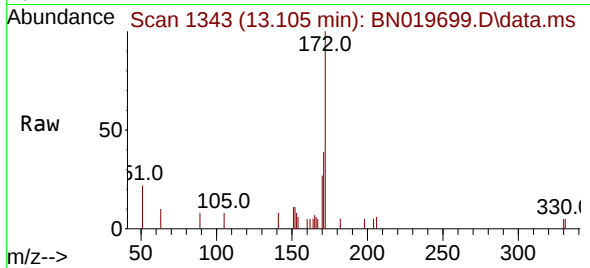
Ion	Ratio	Lower	Upper
330	100		
332	104.8	76.2	114.4
141	57.8	39.7	59.5





#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

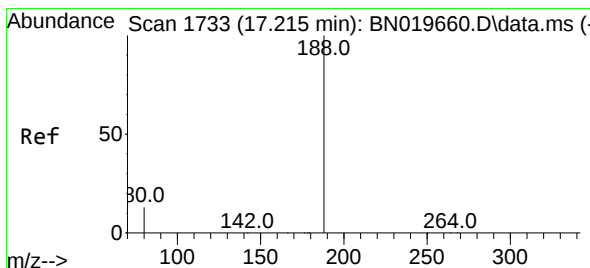
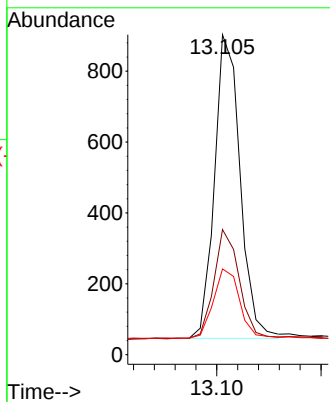
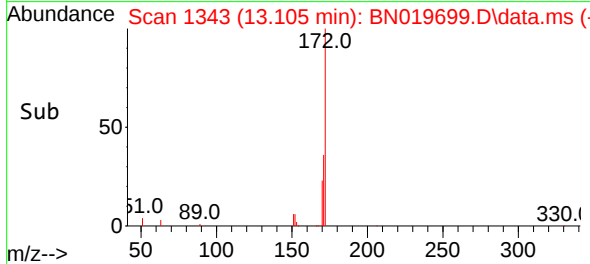
Instrument :
BNA_N
ClientSampleId :
38072-120920DL



Tgt Ion:172 Resp: 1462
Ion Ratio Lower Upper
172 100
171 39.1 28.0 42.0
170 26.8 19.0 28.4

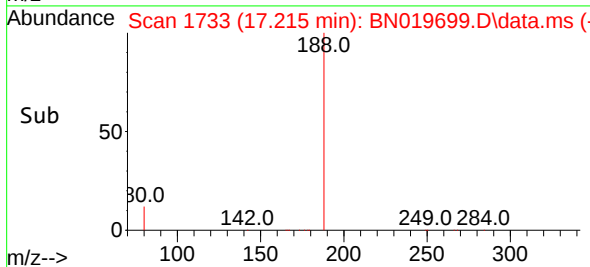
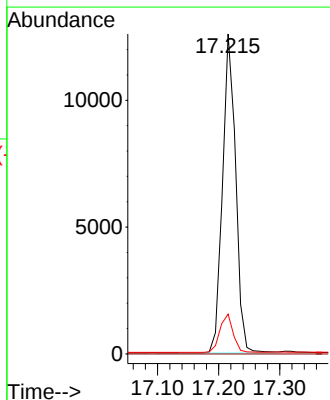
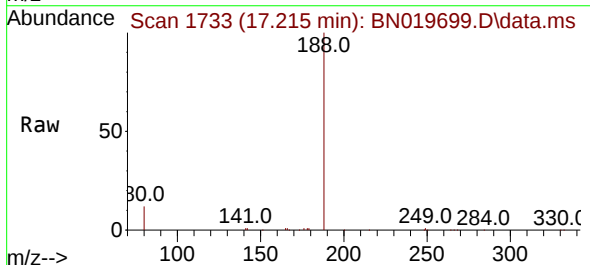
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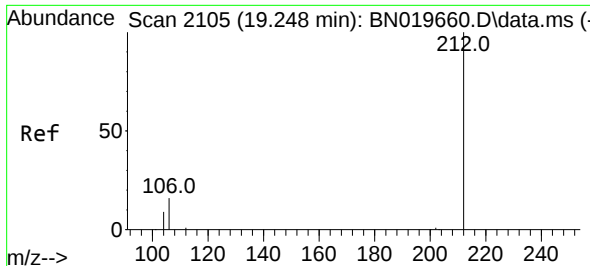
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

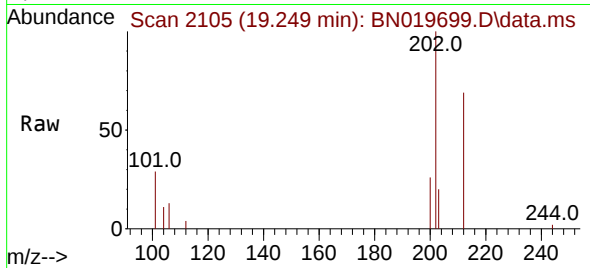
Tgt Ion:188 Resp: 18725
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.6 12.8





#27
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

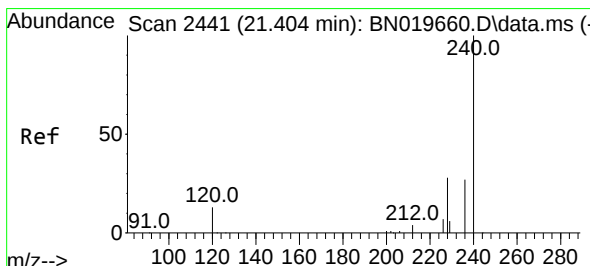
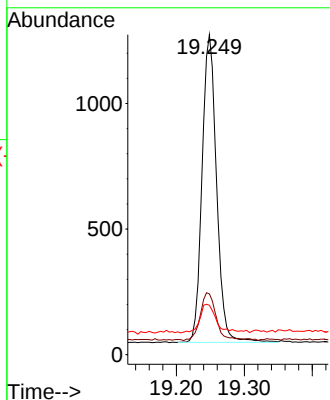
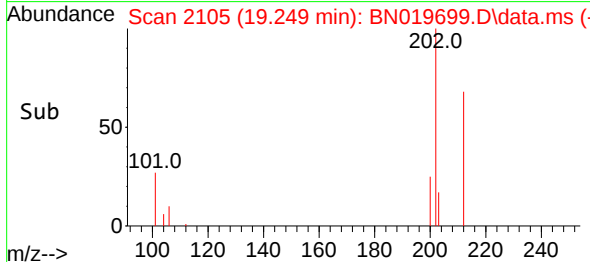
Instrument :
BNA_N
ClientSampleId :
38072-120920DL



Tgt Ion:212 Resp: 181
Ion Ratio Lower Upper
212 100
106 17.2 13.5 20.3
104 10.4 7.6 11.4

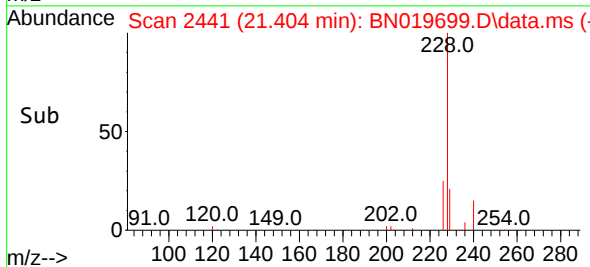
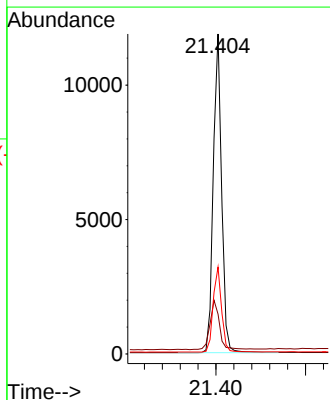
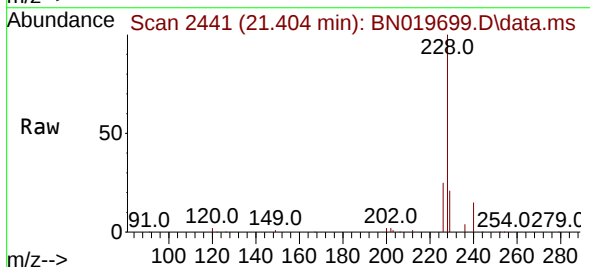
Manual Integrations
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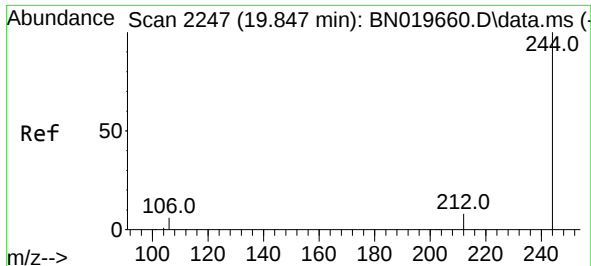
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019699.D
Acq: 06 May 2022 14:46

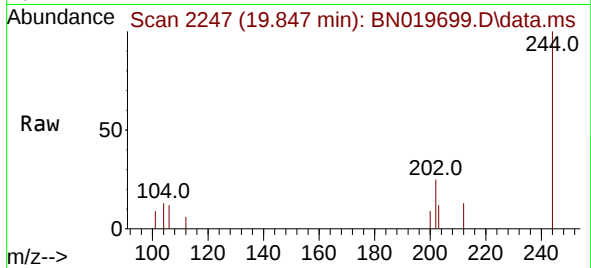
Tgt Ion:240 Resp: 15350
Ion Ratio Lower Upper
240 100
120 12.4 17.4 26.2#
236 27.1 23.0 34.4





#31
 Terphenyl-d14
 Concen: 0.033 ng
 RT: 19.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019699.D
 Acq: 06 May 2022 14:46

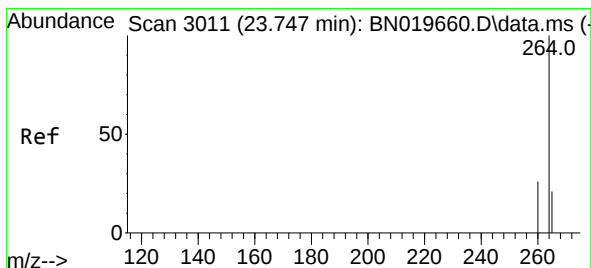
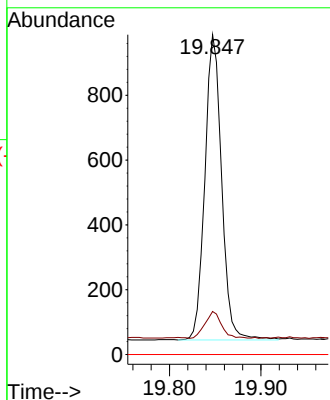
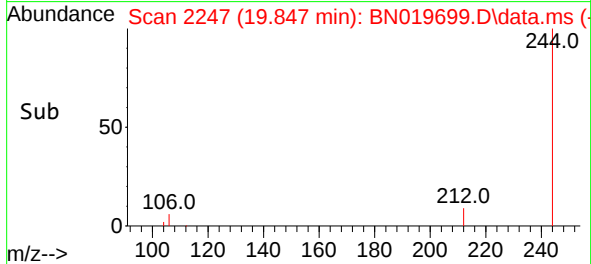
Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL



Tgt Ion:244 Resp: 120
 Ion Ratio Lower Upper
 244 100
 212 13.5 7.6 11.4
 122 0.0 0.0 0.0

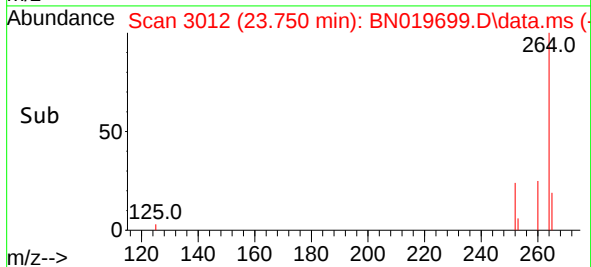
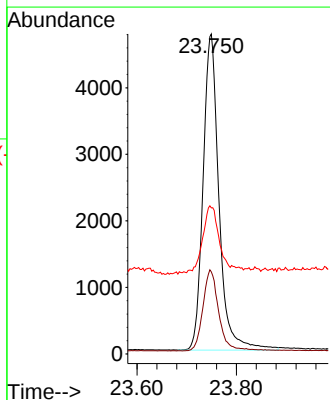
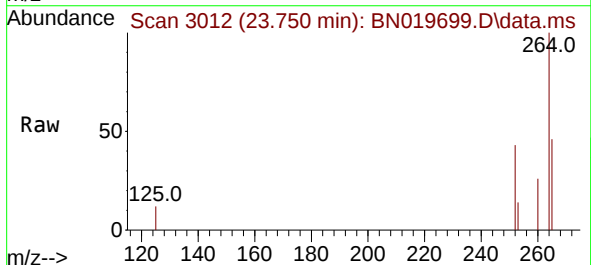
Manual Integrations
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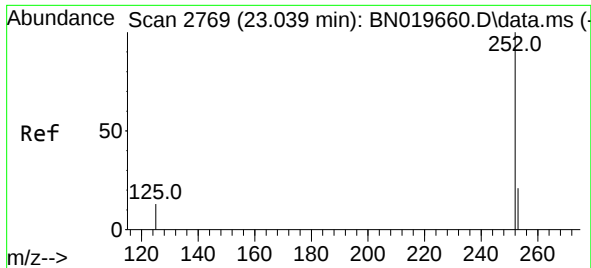
Reviewed By :Christian Giraldo 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 3012
 Delta R.T. 0.003 min
 Lab File: BN019699.D
 Acq: 06 May 2022 14:46

Tgt Ion:264 Resp: 10539
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.0 31.6
 265 45.6 67.9 101.9





#37

Benzo(b)fluoranthene

Concen: 16.706 ng

RT: 23.036 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN019699.D

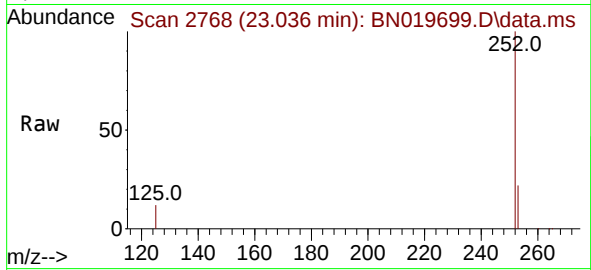
Acq: 06 May 2022 14:46

Instrument :

BNA_N

ClientSampleId :

38072-120920DL



Tgt Ion:252 Resp: 727560

Ion Ratio Lower Upper

252 100

253 21.8 21.2 31.8

125 12.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2022

Supervised By :mohammad ahmed 05/09/2022

