

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
 Data File : BN019700.D
 Acq On : 06 May 2022 16:08
 Operator : CG/JU
 Sample : N2735-01DL2 100X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL2

Manual Integrations
 APPROVED

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

Quant Time: May 07 00:52:02 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	5285	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15607	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8498	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	16874	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13580	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	10365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	52	0.004	ng	0.00
5) Phenol-d6	7.031	99	69	0.005	ng	0.00
8) Nitrobenzene-d5	9.003	82	66	0.005	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	83	0.003	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	10	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	157	0.004	ng	0.01
27) Fluoranthene-d10	19.248	212	156	0.003	ng	0.00
31) Terphenyl-d14	19.847	244	151	0.005	ng	0.00
Target Compounds						Qvalue
37) Benzo(b)fluoranthene	23.039	252	59154m	1.381	ng	

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

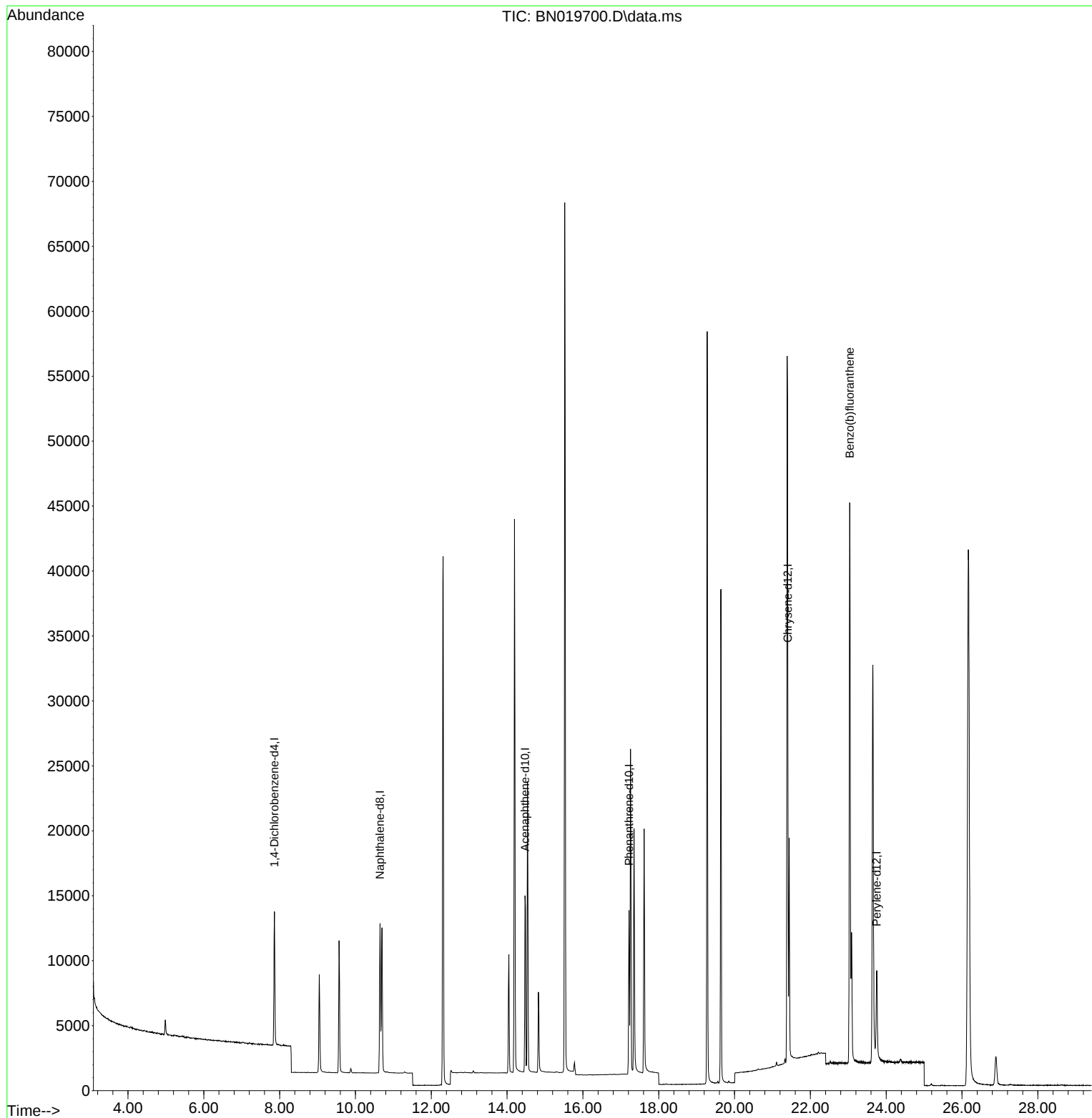
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
Data File : BN019700.D
Acq On : 06 May 2022 16:08
Operator : CG/JU
Sample : N2735-01DL2 100X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

Manual Integrations
APPROVED

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

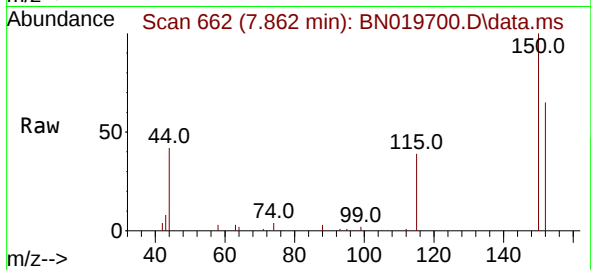
Quant Time: May 07 00:52:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

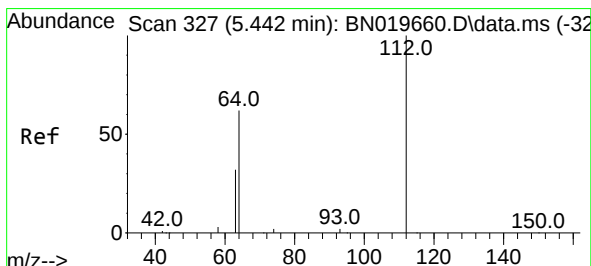
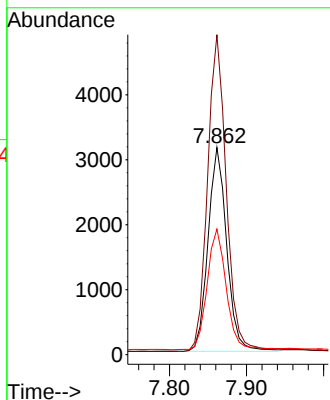
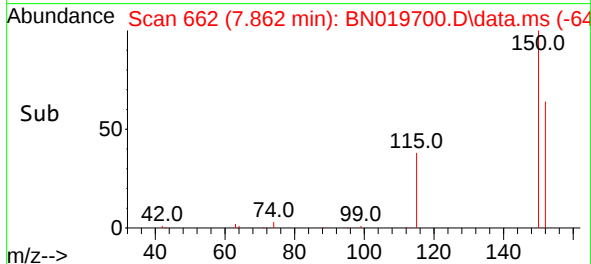
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



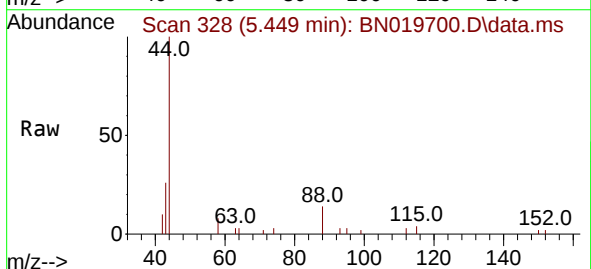
Tgt Ion:152 Resp: 5289
Ion Ratio Lower Upper
152 100
150 154.5 122.6 183.8
115 60.6 49.0 73.6

Manual Integrations
APPROVED

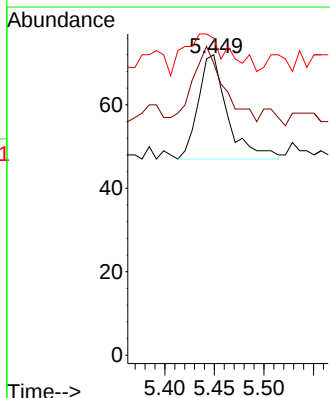
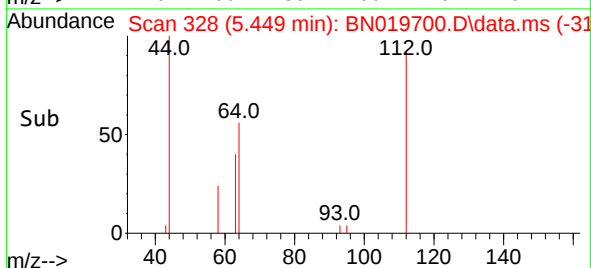
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

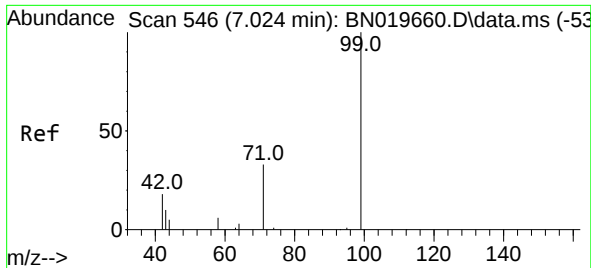


#4
2-Fluorophenol
Concen: 0.004 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08



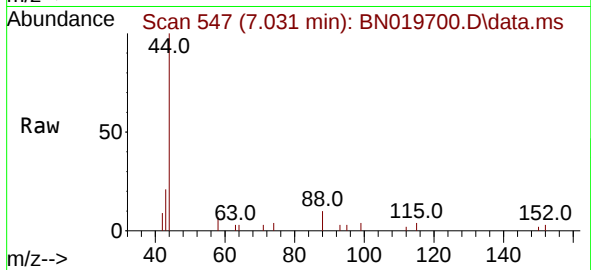
Tgt Ion:112 Resp: 52
Ion Ratio Lower Upper
112 100
64 73.1 47.3 70.9#
63 61.5 24.6 36.8#





#5
Phenol-d6
Concen: 0.005 ng
RT: 7.031 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

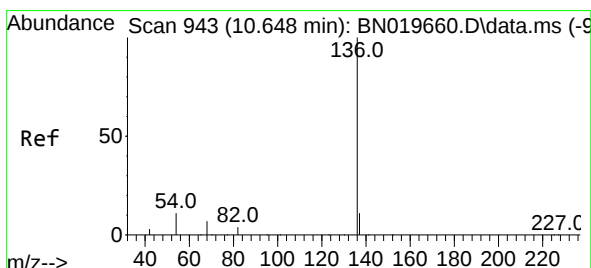
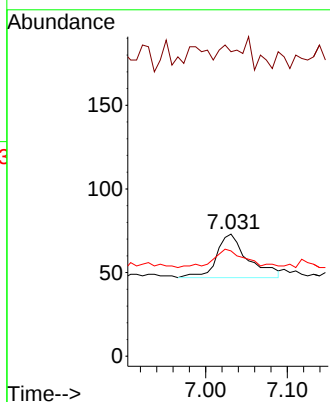
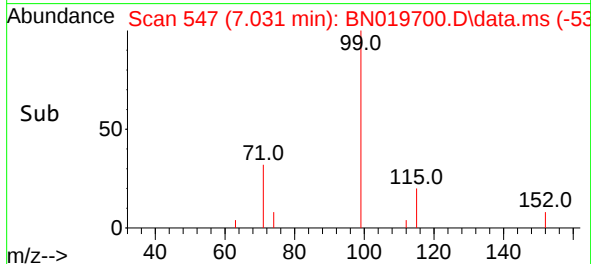
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



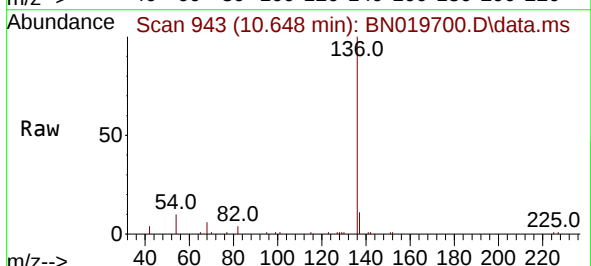
Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 13.0 15.8 23.8
71 43.5 26.5 39.7

Manual Integrations
APPROVED

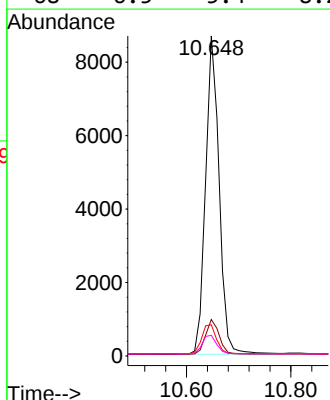
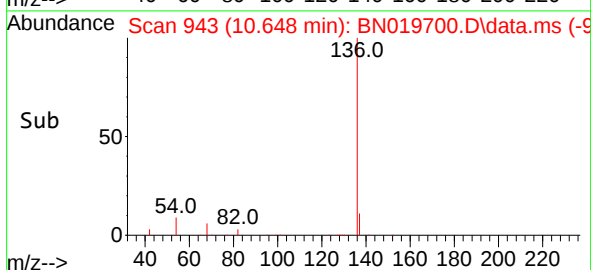
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

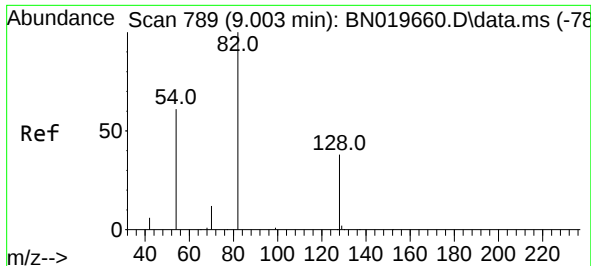


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08



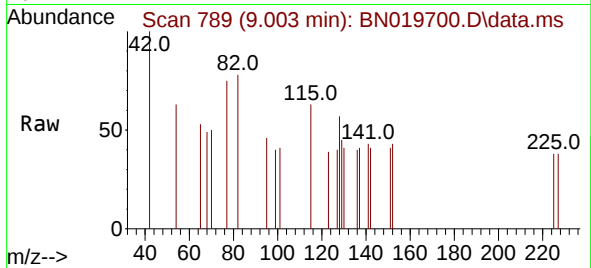
Tgt Ion:136 Resp: 15607
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.8 7.8 11.6
68 6.5 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

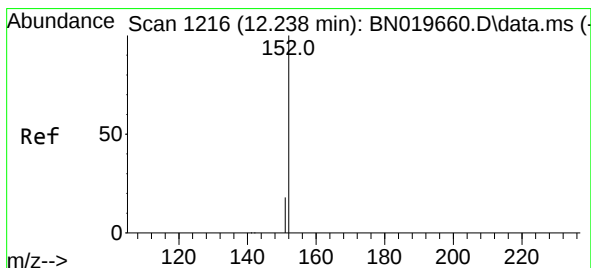
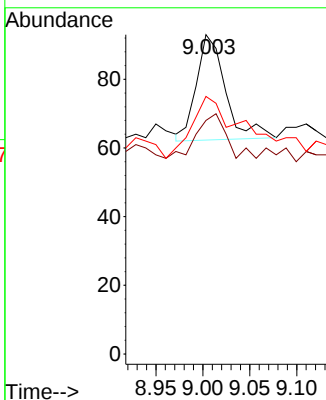
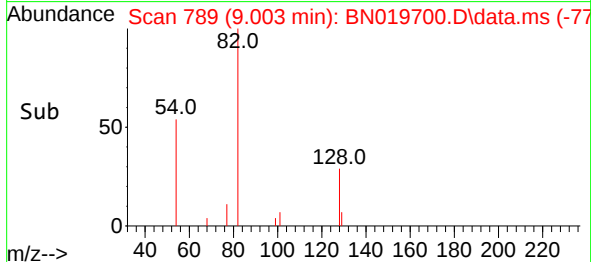
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



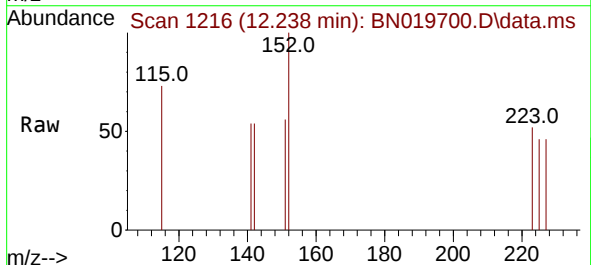
Tgt Ion: 82 Resp: 60
Ion Ratio Lower Upper
82 100
128 73.1 32.4 48.6
54 80.6 44.4 66.6

Manual Integrations
APPROVED

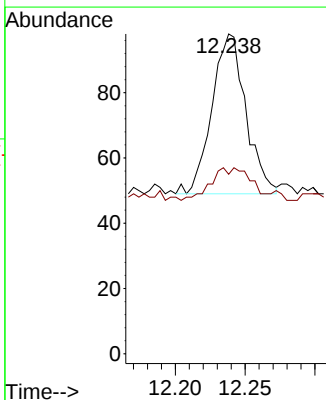
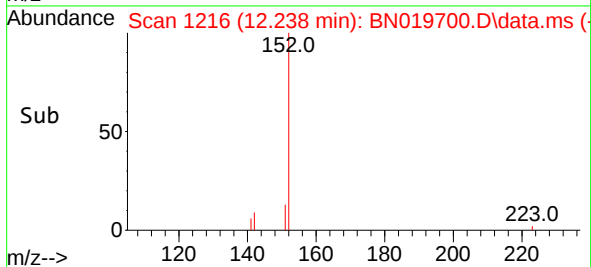
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

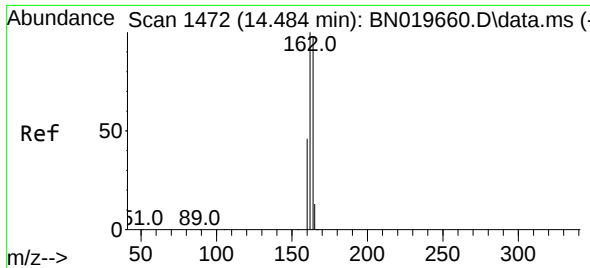


#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08



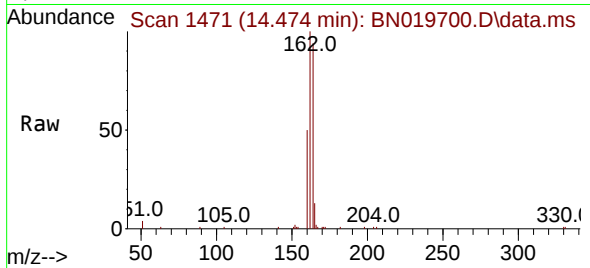
Tgt Ion:152 Resp: 83
Ion Ratio Lower Upper
152 100
151 12.0 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

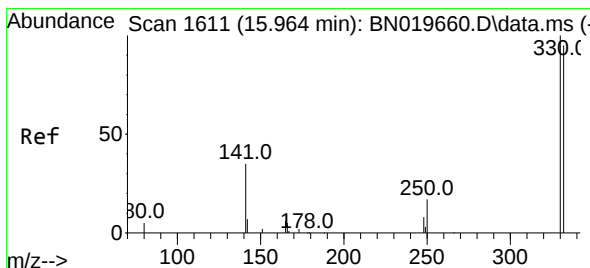
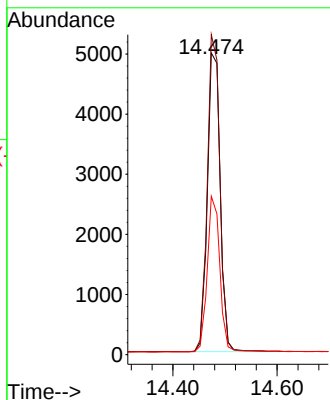
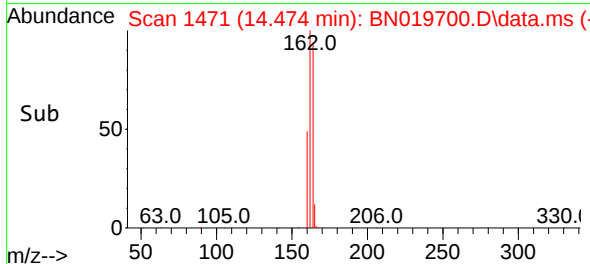
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



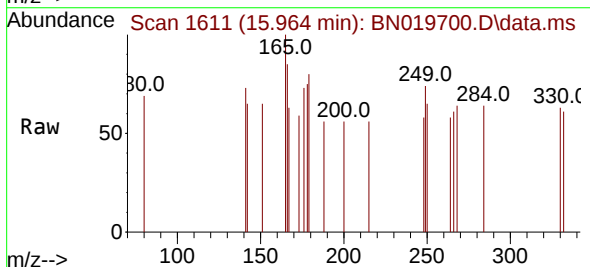
Tgt Ion:164 Resp: 849
Ion Ratio Lower Upper
164 100
162 106.0 81.8 122.6
160 52.5 38.3 57.5

Manual Integrations
APPROVED

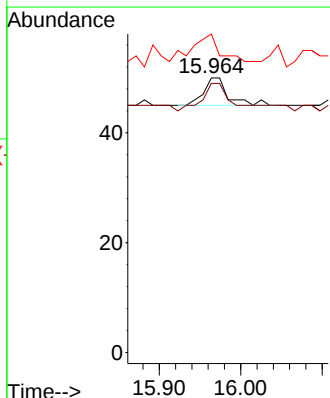
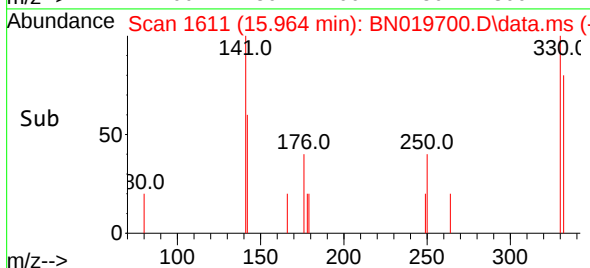
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

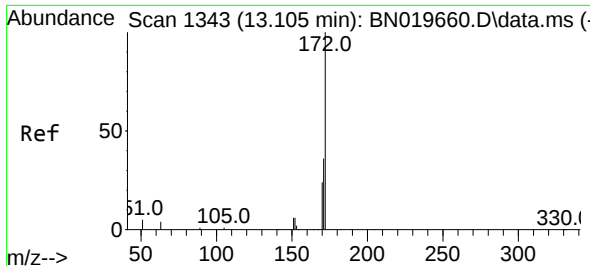


#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08



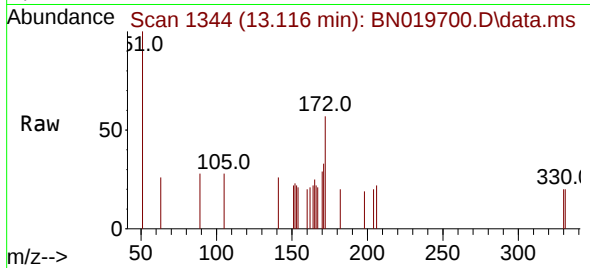
Tgt Ion:330 Resp: 10
Ion Ratio Lower Upper
330 100
332 110.0 76.2 114.4
141 170.0 39.7 59.5#





#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

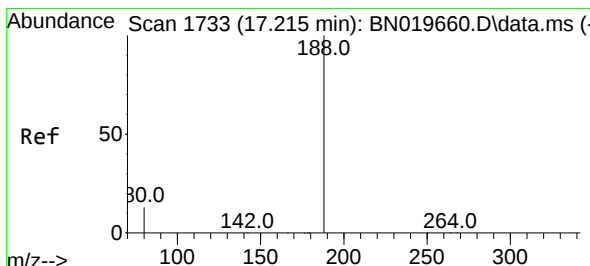
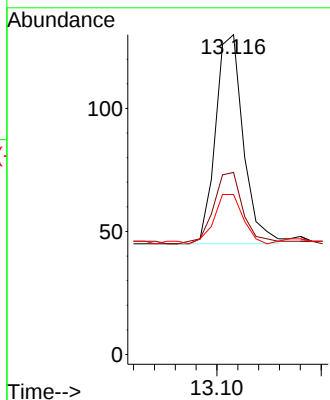
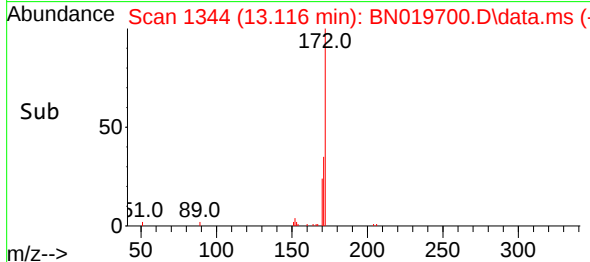
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



Tgt Ion:172 Resp: 157
Ion Ratio Lower Upper
172 100
171 56.9 28.0 42.0
170 50.0 19.0 28.4

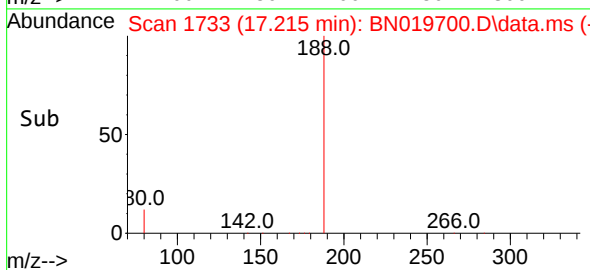
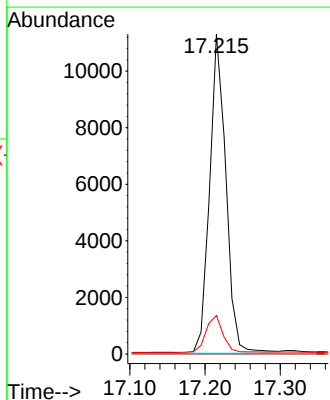
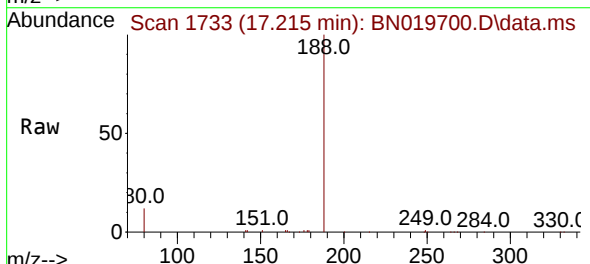
Manual Integrations
APPROVED

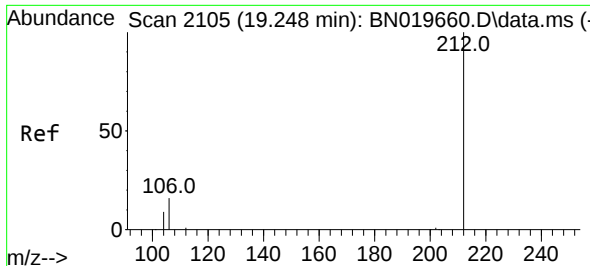
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

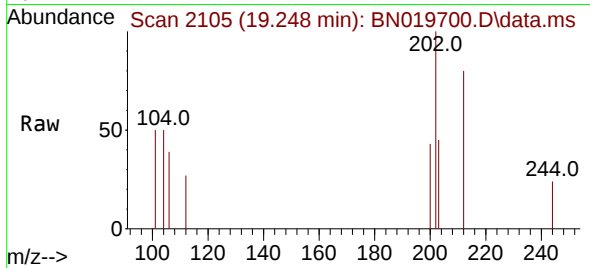
Tgt Ion:188 Resp: 16874
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 8.6 12.8





#27
Fluoranthene-d10
Concen: 0.003 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

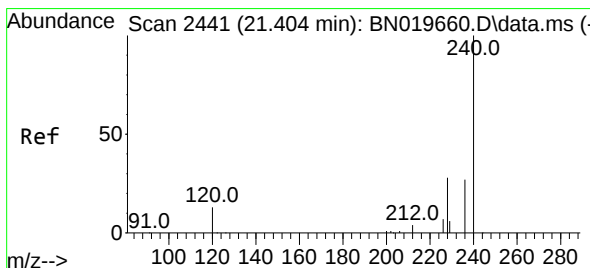
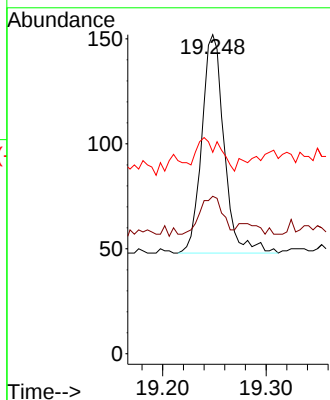
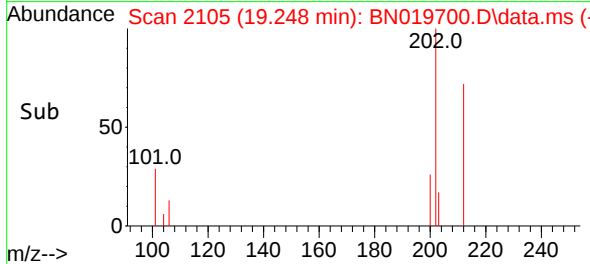
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



Tgt Ion:212 Resp: 150
Ion Ratio Lower Upper
212 100
106 19.2 13.5 20.3
104 15.4 7.6 11.4

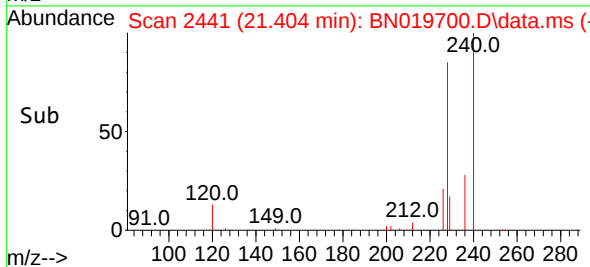
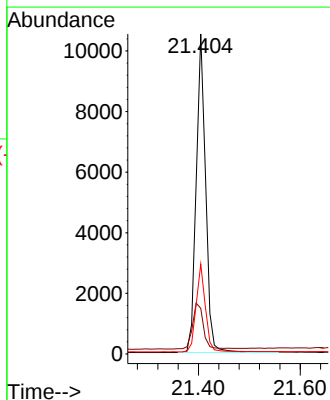
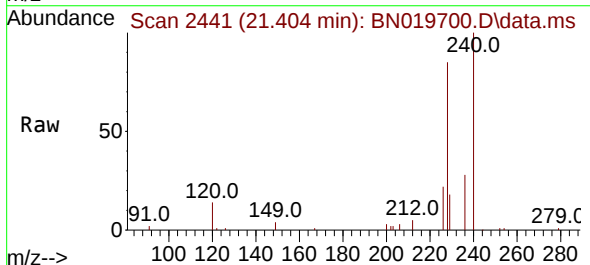
Manual Integrations
APPROVED

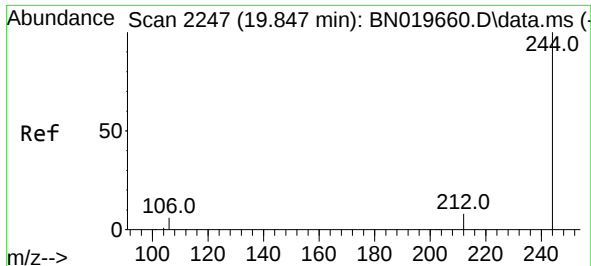
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

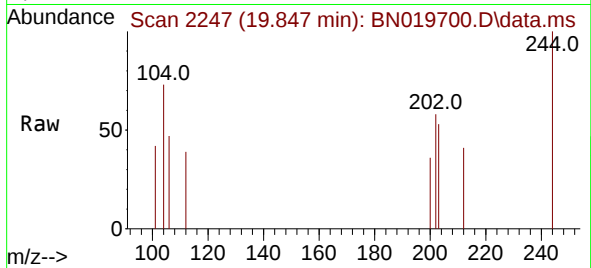
Tgt Ion:240 Resp: 13580
Ion Ratio Lower Upper
240 100
120 14.2 17.4 26.2#
236 28.1 23.0 34.4





#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.847 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

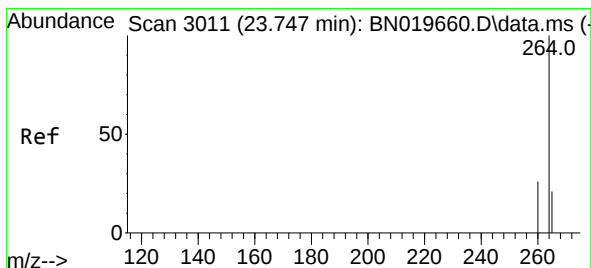
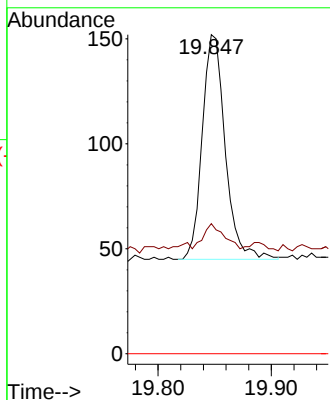
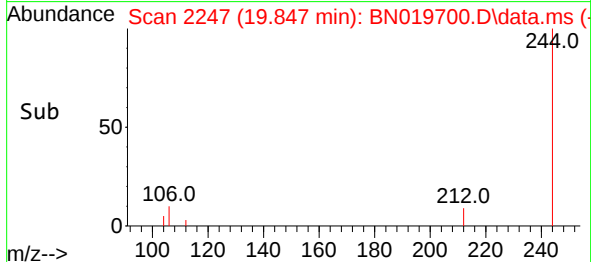
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2



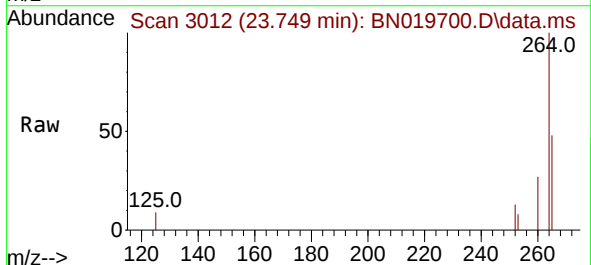
Tgt Ion:244 Resp: 15
Ion Ratio Lower Upper
244 100
212 40.8 7.6 11.4
122 0.0 0.0 0.0

Manual Integrations
APPROVED

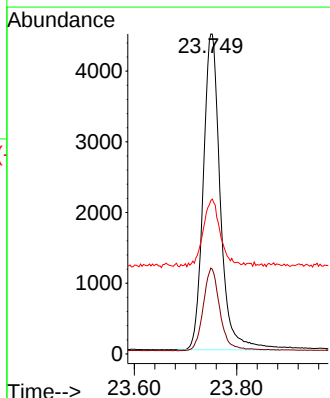
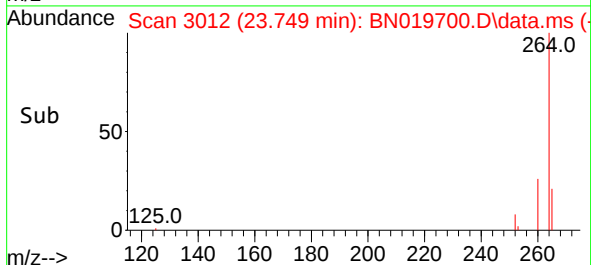
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

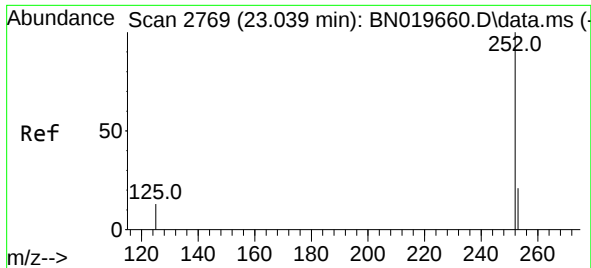


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3012
Delta R.T. 0.003 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08



Tgt Ion:264 Resp: 10365
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 48.0 67.9 101.9





#37

Benzo(b)fluoranthene

Concen: 1.381 ng m

RT: 23.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN019700.D

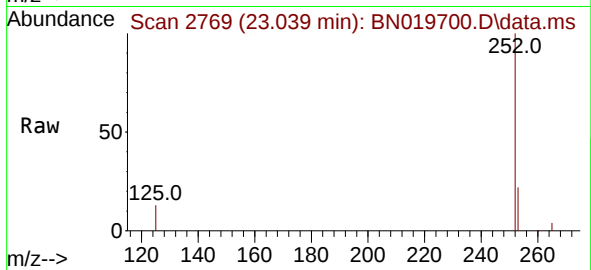
Acq: 06 May 2022 16:08

Instrument :

BNA_N

ClientSampleId :

38072-120920DL2



Tgt Ion:252 Resp: 59154

Ion Ratio Lower Upper

252 100

253 22.3 21.2 31.8

125 13.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2022

Supervised By :mohammad ahmed 05/09/2022

