

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021721.D
 Acq On : 12 Sep 2022 18:54
 Operator : CG/JU
 Sample : N4537-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW14DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/13/2022
 Supervised By : Jagrut Upadhyay 09/13/2022

Quant Time: Sep 13 03:14:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6286	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	21402	0.400	ng	# 0.00
13) Acenaphthene-d10	14.686	164	42710	0.400	ng	#-0.02
19) Phenanthrene-d10	17.459	188	26493	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	19581	0.400	ng	0.00
35) Perylene-d12	24.165	264	12810	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	921	0.075	ng	-0.01
5) Phenol-d6	7.217	99	372	0.024	ng	0.00
8) Nitrobenzene-d5	9.233	82	846	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	2483	0.051	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	390	0.028	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	2965	0.016	ng	0.00
27) Fluoranthene-d10	19.493	212	4052	0.059	ng	0.00
31) Terphenyl-d14	20.079	244	2076	0.047	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.941	128	119831	1.890	ng	# 96
17) Acenaphthene	14.771	154	13777	0.098	ng	# 78
18) Fluorene	15.755	166	21400	0.123	ng	# 89
25) Phenanthrene	17.500	178	10379m	0.114	ng	
34) Bis(2-ethylhexyl)phtha...	21.548	149	1475	0.054	ng	# 95

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

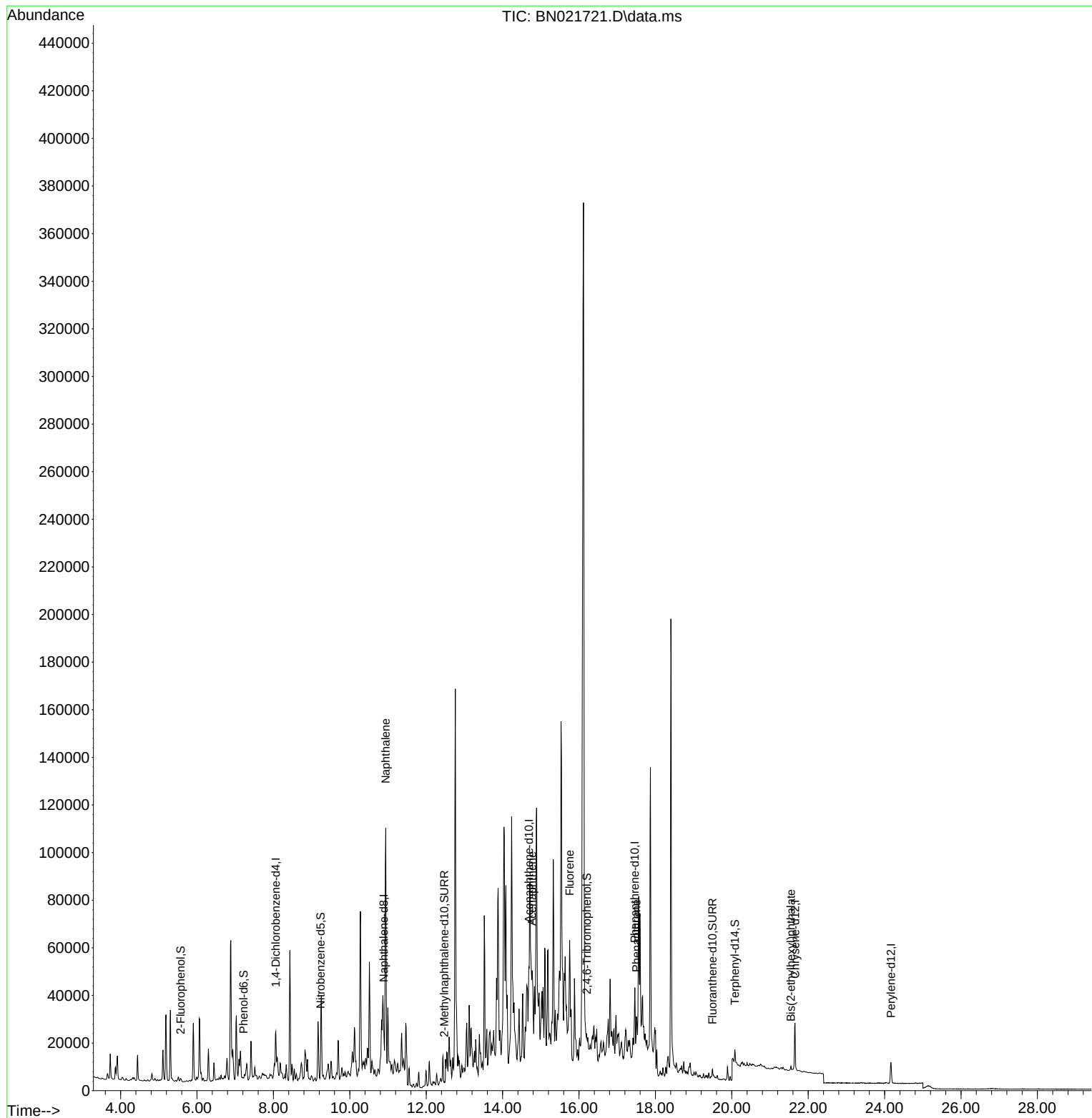
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021721.D
Acq On : 12 Sep 2022 18:54
Operator : CG/JU
Sample : N4537-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

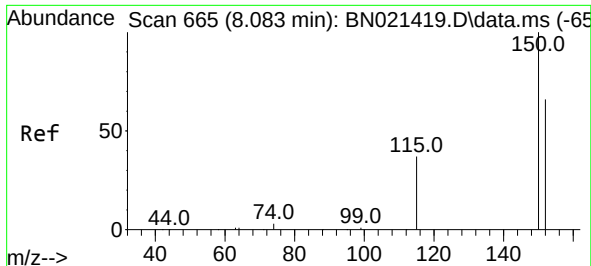
Instrument :
BNA_N
ClientSampleId :
MW14DL

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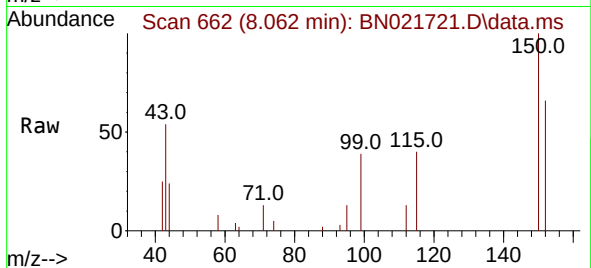
Quant Time: Sep 13 03:14:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

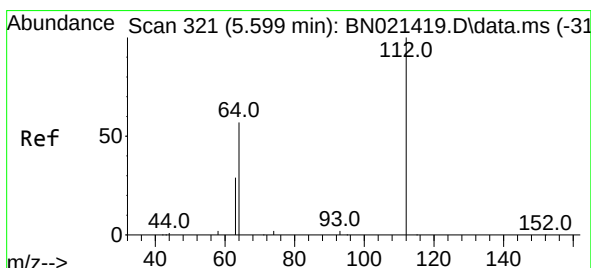
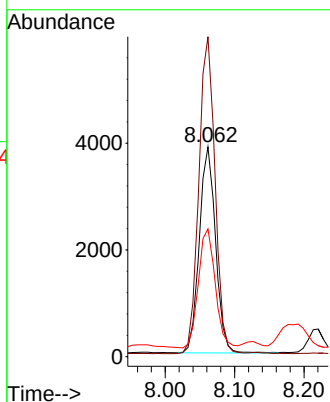
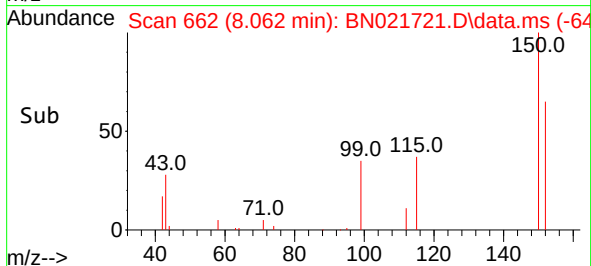
Instrument :
 BNA_N
 ClientSampleId :
 MW14DL



Tgt Ion:152 Resp: 6280
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.4 182.0
 115 61.0 48.6 72.8

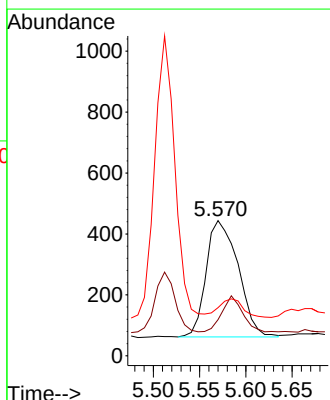
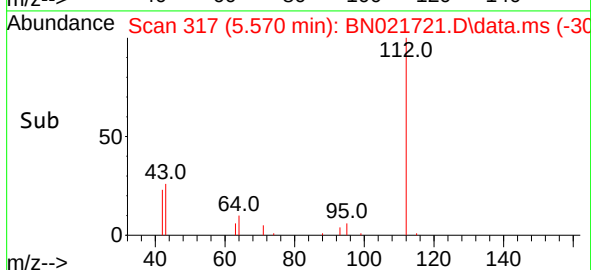
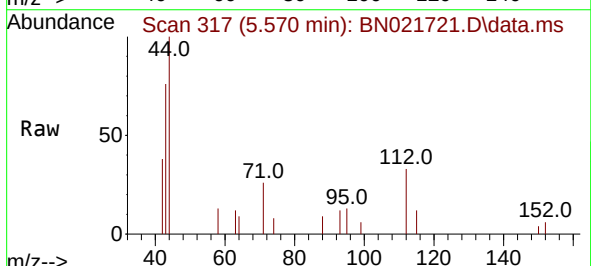
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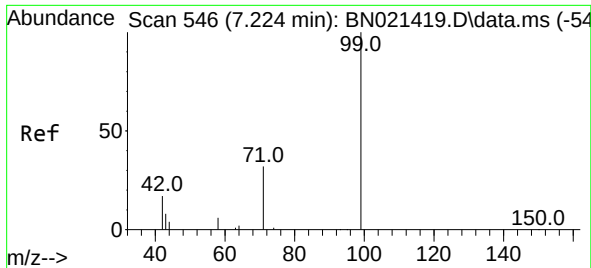
Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#4
 2-Fluorophenol
 Concen: 0.075 ng
 RT: 5.570 min Scan# 317
 Delta R.T. -0.014 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

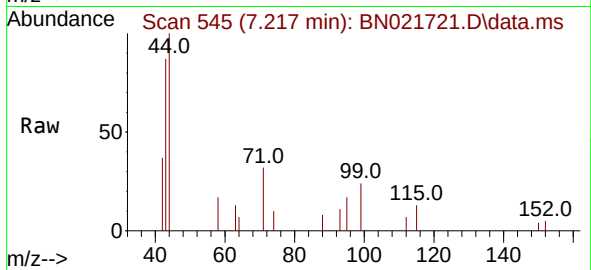
Tgt Ion:112 Resp: 921
 Ion Ratio Lower Upper
 112 100
 64 19.7 43.5 65.3#
 63 11.8 22.6 34.0#





#5
Phenol-d6
Concen: 0.024 ng
RT: 7.217 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

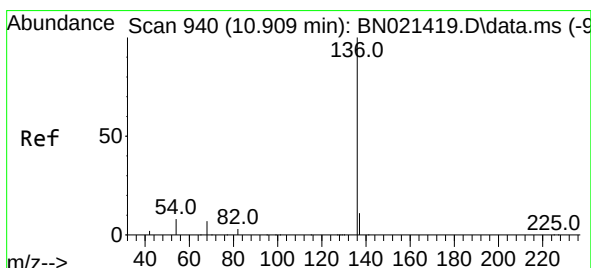
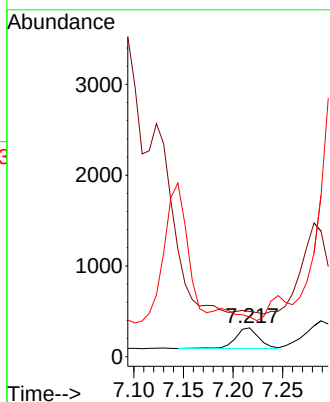
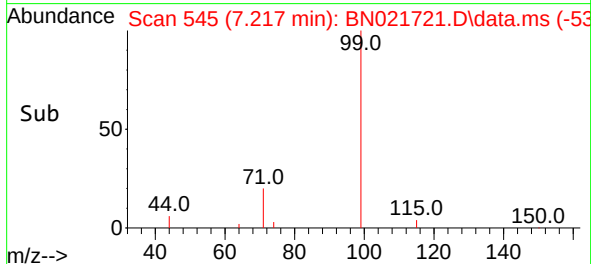
Instrument :
BNA_N
ClientSampleId :
MW14DL



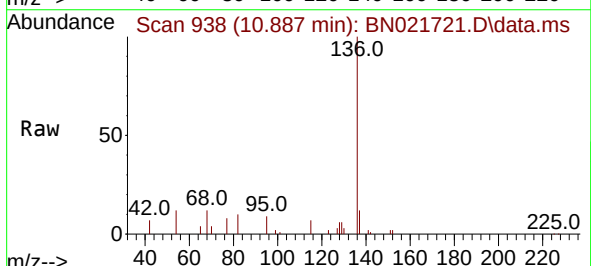
Tgt Ion: 99 Resp: 372
Ion Ratio Lower Upper
99 100
42 0.0 15.5 23.3#
71 0.0 24.2 36.2#

Manual Integrations
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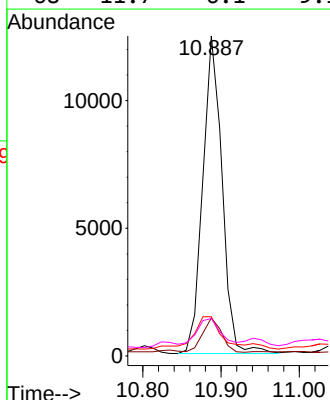
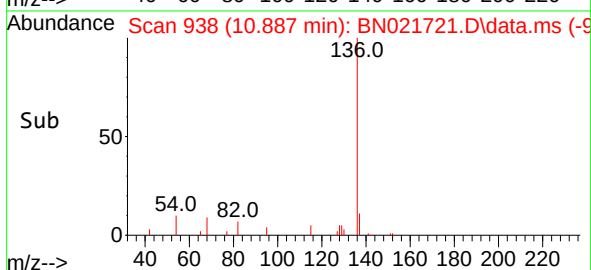
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

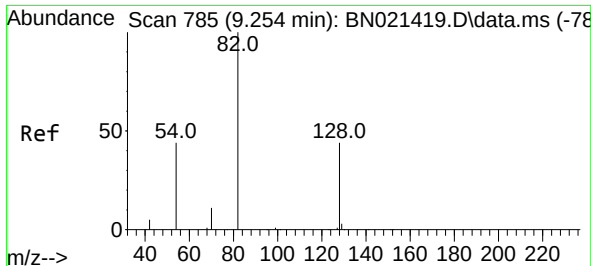


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54



Tgt Ion:136 Resp: 21402
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 12.3 6.9 10.3#
68 11.7 6.1 9.1#





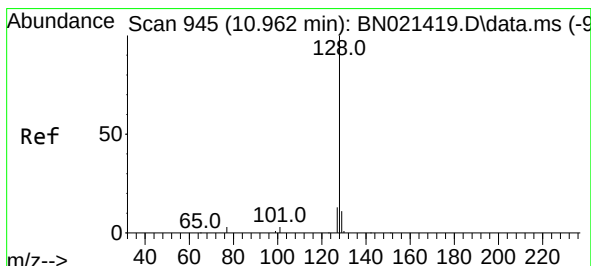
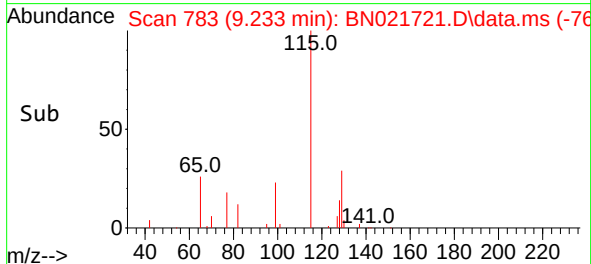
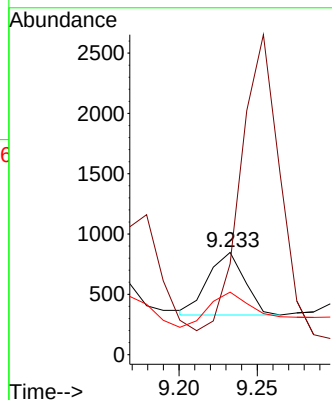
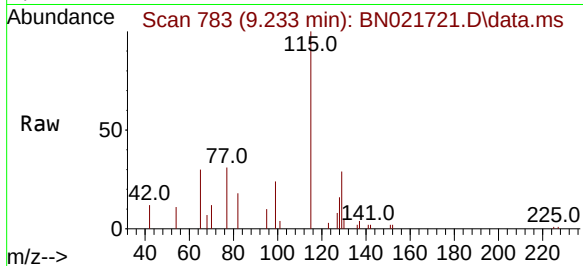
#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 9.233 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Instrument :
BNA_N
ClientSampleId :
MW14DL

Tgt Ion: 82 Resp: 840
Ion Ratio Lower Upper
82 100
128 88.8 30.9 46.3
54 61.2 42.7 64.1

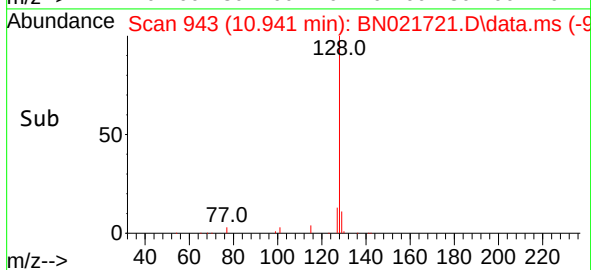
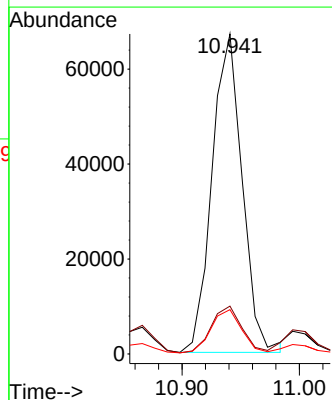
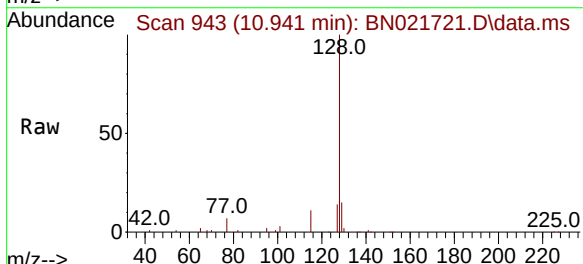
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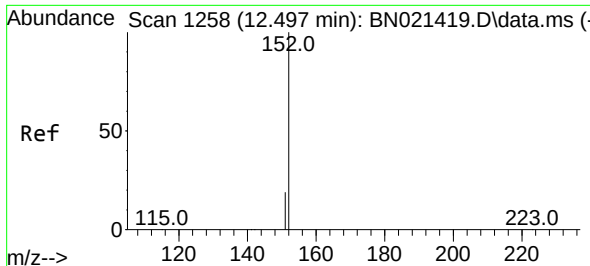
Reviewed By :Christian Giraldo 09/13/2022
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#9
Naphthalene
Concen: 1.890 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

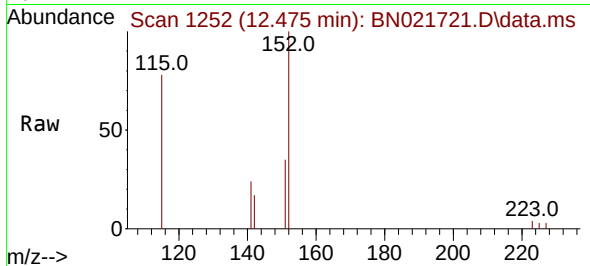
Tgt Ion:128 Resp: 119831
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 13.9 11.0 16.4





#11
2-Methylnaphthalene-d10
Concen: 0.051 ng
RT: 12.475 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

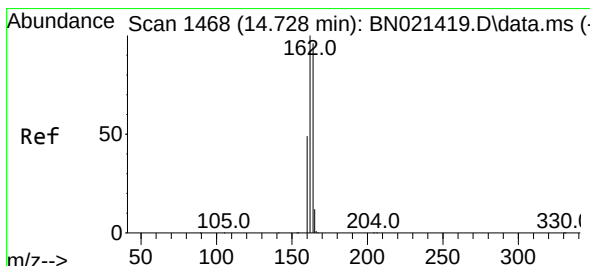
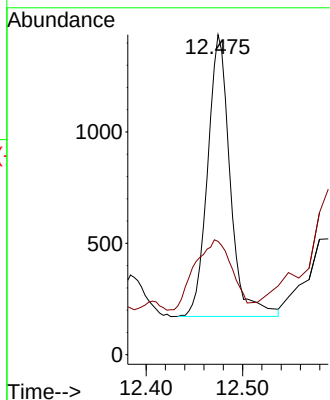
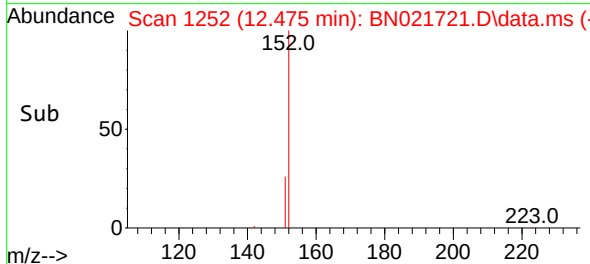
Instrument :
BNA_N
ClientSampleId :
MW14DL



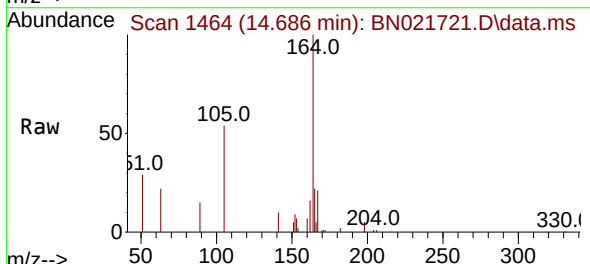
Tgt Ion:152 Resp: 248
Ion Ratio Lower Upper
152 100
151 35.5 14.5 21.7

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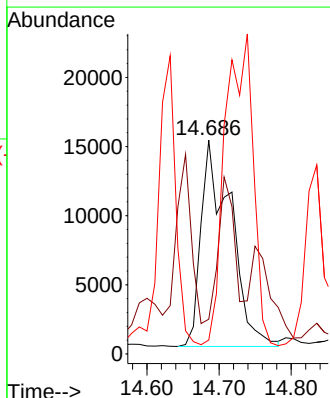
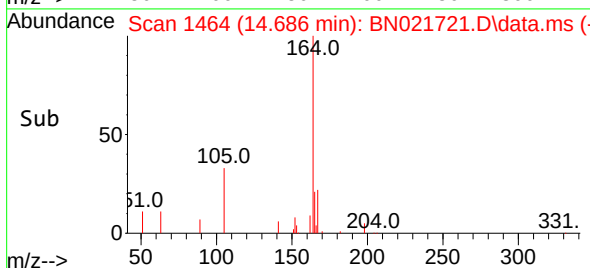
Reviewed By :Christian Giraldo 09/13/2022
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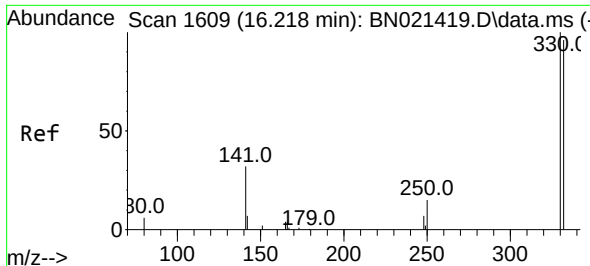


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.686 min Scan# 1464
Delta R.T. -0.021 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54



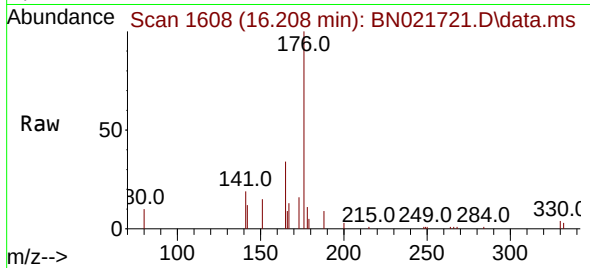
Tgt Ion:164 Resp: 42710
Ion Ratio Lower Upper
164 100
162 16.2 82.2 123.4#
160 6.5 39.5 59.3#





#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.208 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

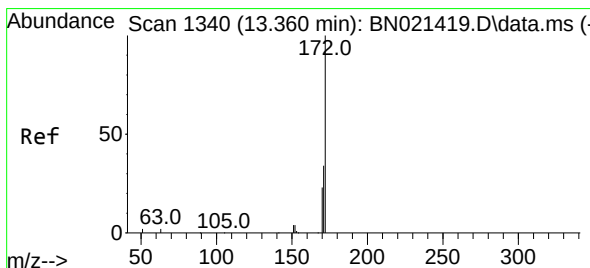
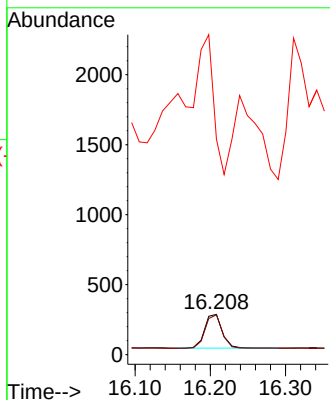
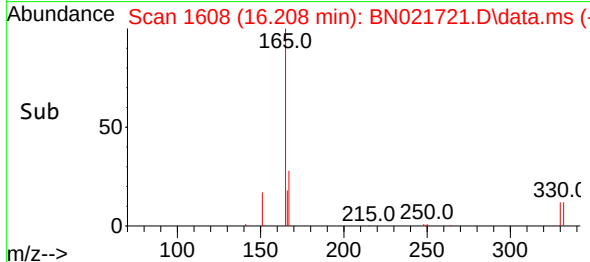
Instrument :
BNA_N
ClientSampleId :
MW14DL



Tgt Ion: 330 Resp: 390
Ion Ratio Lower Upper
330 100
332 96.2 79.3 118.9
141 783.8 37.1 55.7

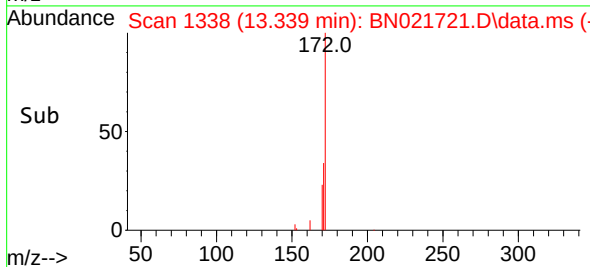
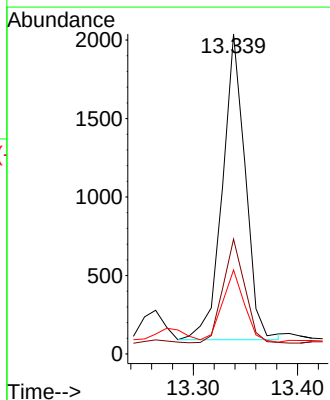
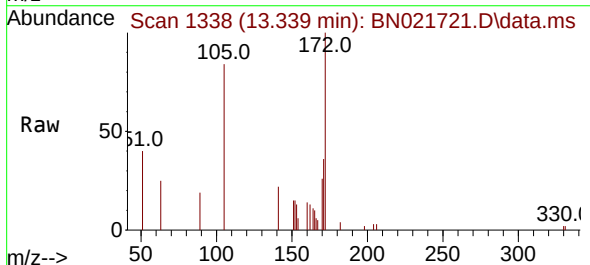
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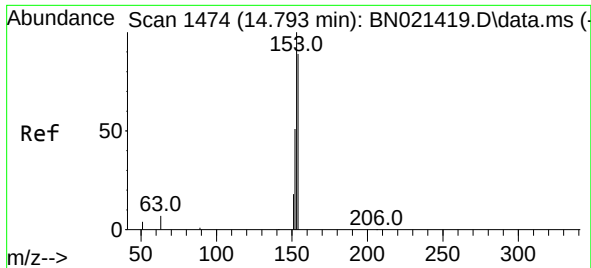
Reviewed By : Christian Giraldo 09/13/2022
Supervised By : Jagrut Upadhyay 09/13/2022



#15
2-Fluorobiphenyl
Concen: 0.016 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

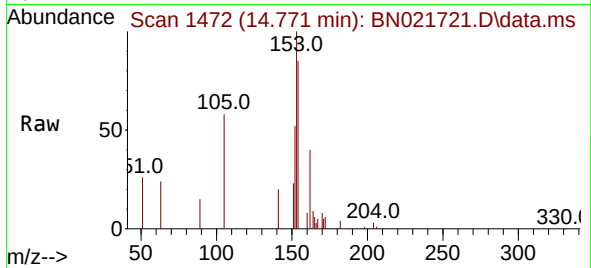
Tgt Ion: 172 Resp: 2965
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 26.2 18.6 28.0





#17
Acenaphthene
Concen: 0.098 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

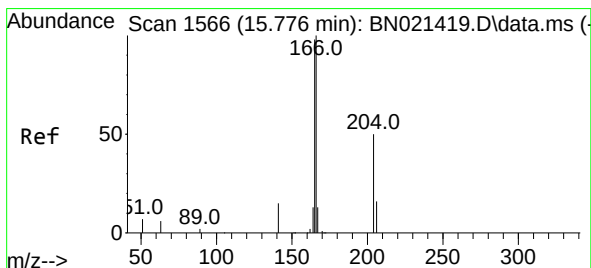
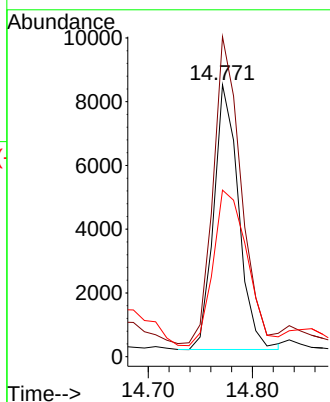
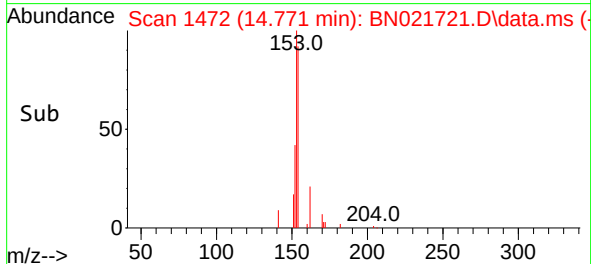
Instrument :
BNA_N
ClientSampleId :
MW14DL



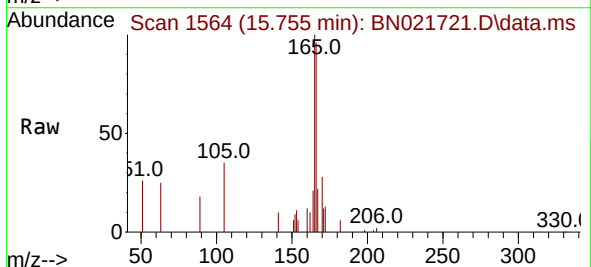
Tgt Ion:154 Resp: 1377
Ion Ratio Lower Upper
154 100
153 129.3 89.5 134.3
152 80.6 45.5 68.3

Manual Integrations
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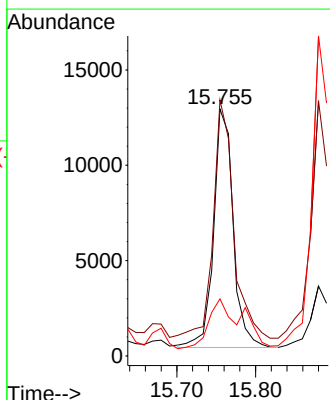
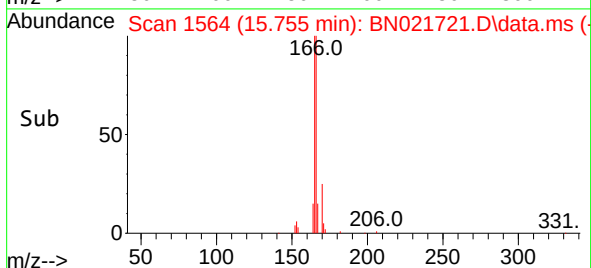
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

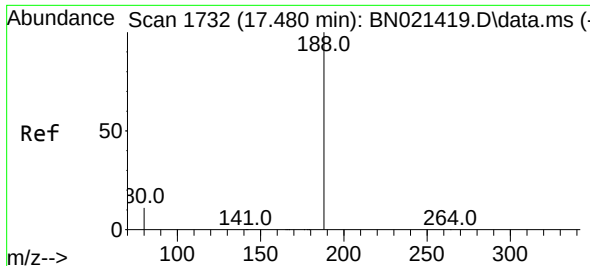


#18
Fluorene
Concen: 0.123 ng
RT: 15.755 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54



Tgt Ion:166 Resp: 21400
Ion Ratio Lower Upper
166 100
165 103.3 78.7 118.1
167 36.2 10.6 16.0





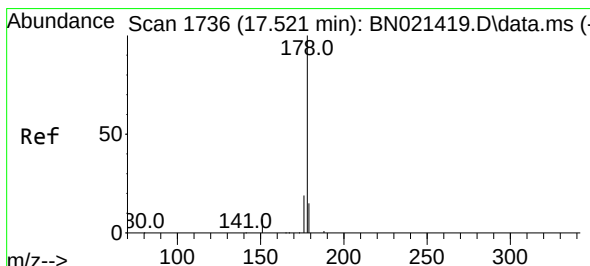
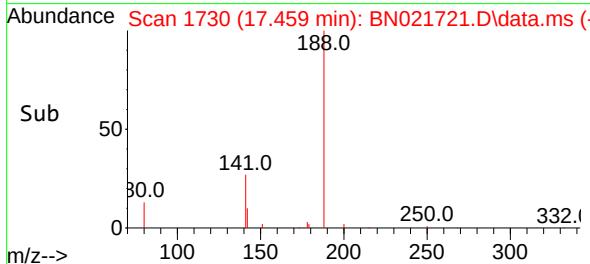
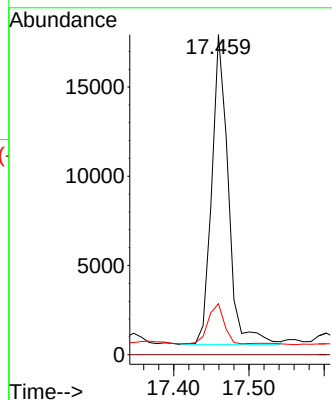
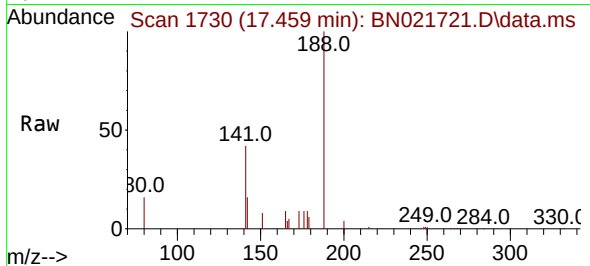
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Instrument :
BNA_N
ClientSampleId :
MW14DL

Tgt Ion:188 Resp: 2649
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 9.5 14.3

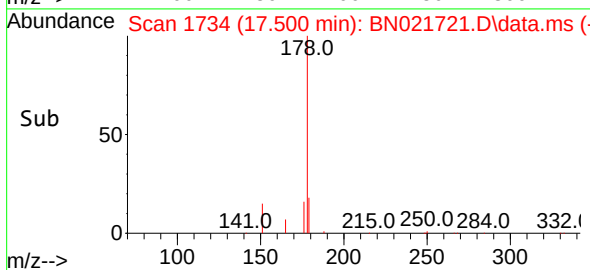
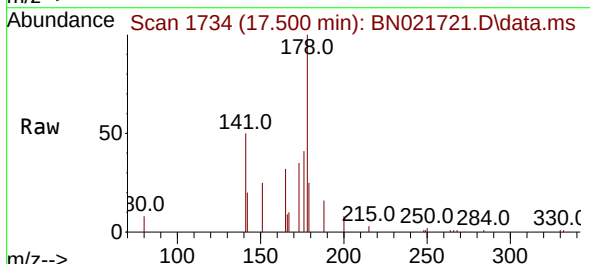
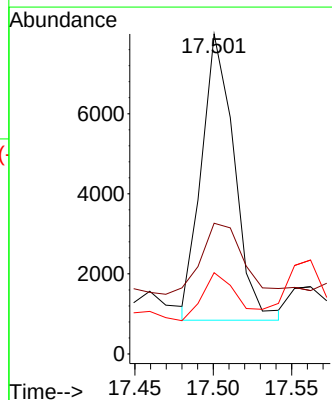
Manual Integrations
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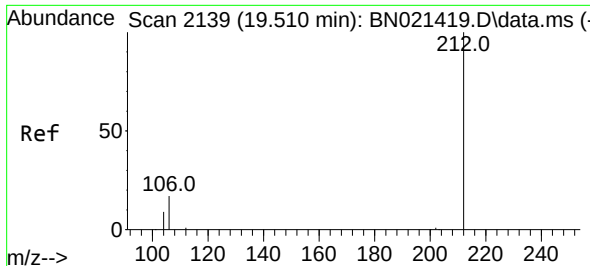
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#25
Phenanthrene
Concen: 0.114 ng m
RT: 17.500 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

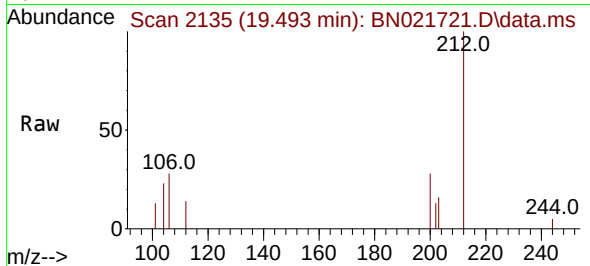
Tgt Ion:178 Resp: 10379
Ion Ratio Lower Upper
178 100
176 31.3 15.4 23.2#
179 18.4 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.059 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

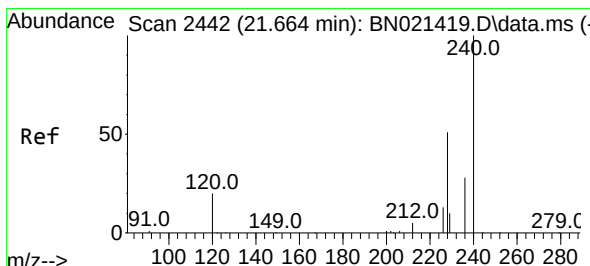
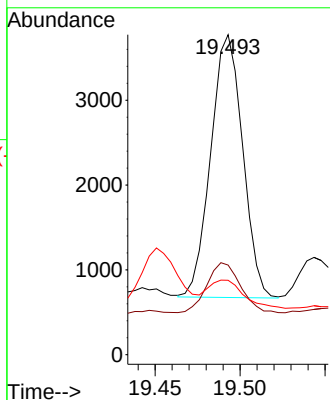
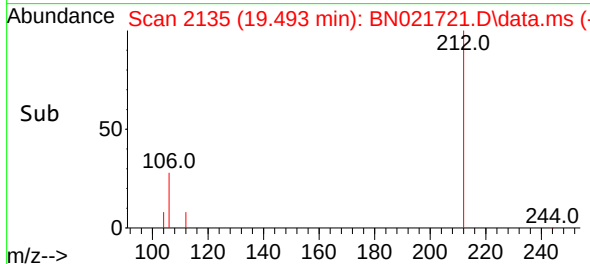
Instrument :
BNA_N
ClientSampleId :
MW14DL



Tgt Ion:212 Resp: 4052
Ion Ratio Lower Upper
212 100
106 20.2 14.2 21.2
104 11.7 7.8 11.6

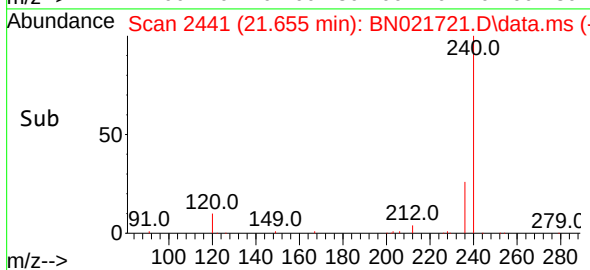
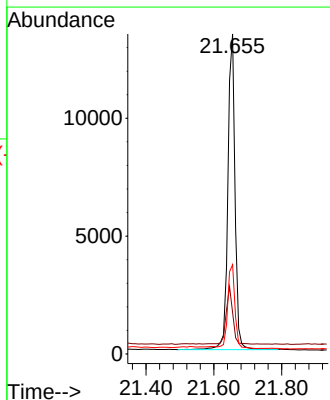
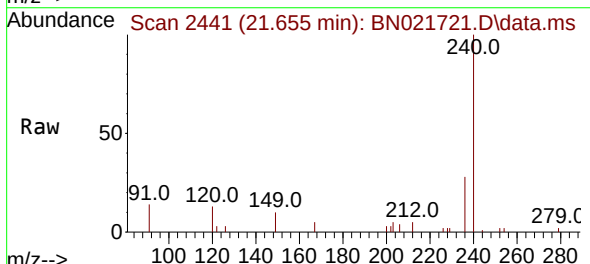
Manual Integrations
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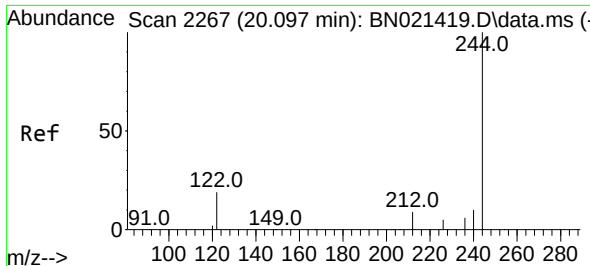
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

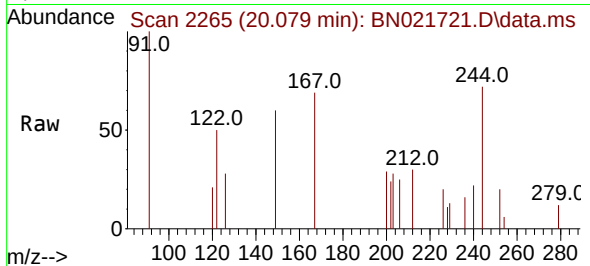
Tgt Ion:240 Resp: 19581
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.4
236 27.9 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.047 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

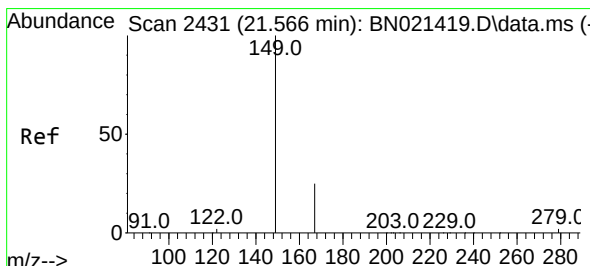
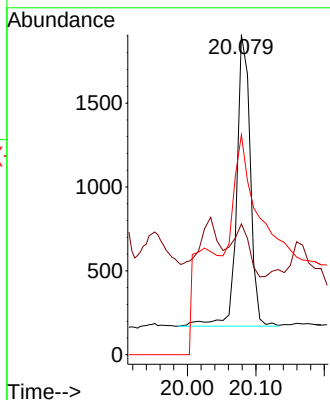
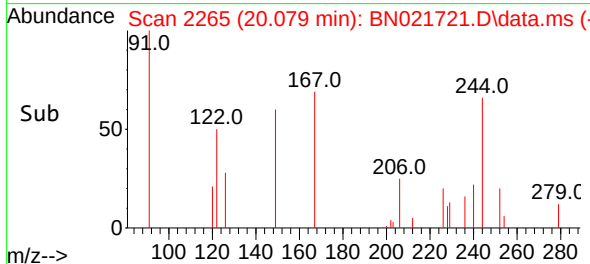
Instrument :
 BNA_N
 ClientSampleId :
 MW14DL



Tgt Ion:244 Resp: 2070
 Ion Ratio Lower Upper
 244 100
 212 40.9 6.5 9.7
 122 68.7 9.1 13.7

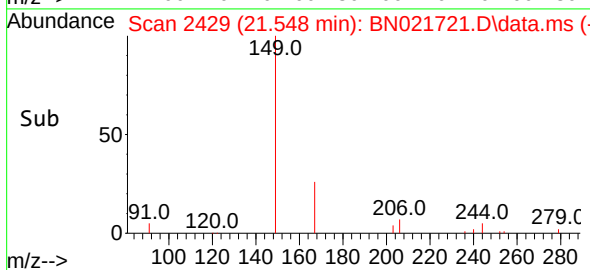
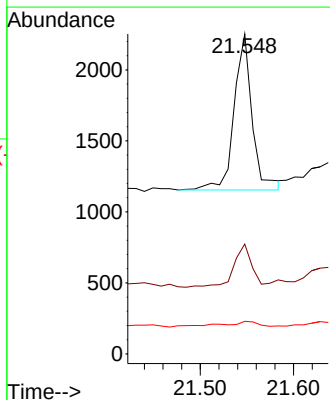
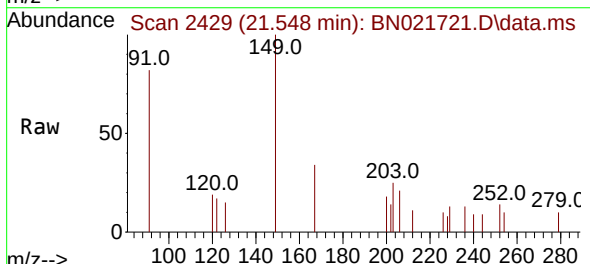
Manual Integrations
 APPROVED

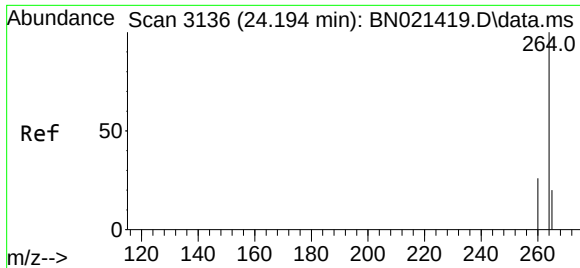
Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

Tgt Ion:149 Resp: 1475
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 7.7 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.165 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN021721.D

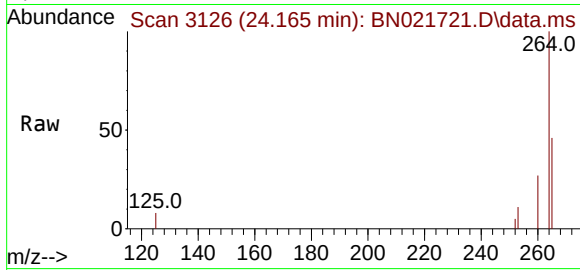
Acq: 12 Sep 2022 18:54

Instrument :

BNA_N

ClientSampleId :

MW14DL



Tgt Ion:264 Resp: 12810

Ion Ratio Lower Upper

264 100

260 27.1 21.0 31.6

265 45.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022

