

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
 Data File : BN018915.D
 Acq On : 10 Mar 2022 22:37
 Operator : CG/JU
 Sample : N1862-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-3A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 03:05:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 03:02:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4244	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	12471	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	7923	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	18548	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	18276	0.400	ng	# 0.00
35) Perylene-d12	23.840	264	16503	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	2516	0.271	ng	0.00
5) Phenol-d6	7.060	99	3695	0.332	ng	0.00
8) Nitrobenzene-d5	9.057	82	2180	0.240	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	4489	0.221	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	654	0.179	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	7143	0.210	ng	0.00
27) Fluoranthene-d10	19.303	212	12949	0.237	ng	0.00
31) Terphenyl-d14	19.893	244	8005	0.205	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.318	178	3005	0.049	ng	96
28) Fluoranthene	19.333	202	4614	0.066	ng	100
30) Pyrene	19.691	202	3774	0.046	ng	97
33) Chrysene	21.485	228	1898m	0.025	ng	
34) Bis(2-ethylhexyl)phtha...	21.360	149	1868	0.044	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.314	276	1583	0.021	ng	# 83
41) Benzo(g,h,i)perylene	27.082	276	1573	0.026	ng	# 79

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

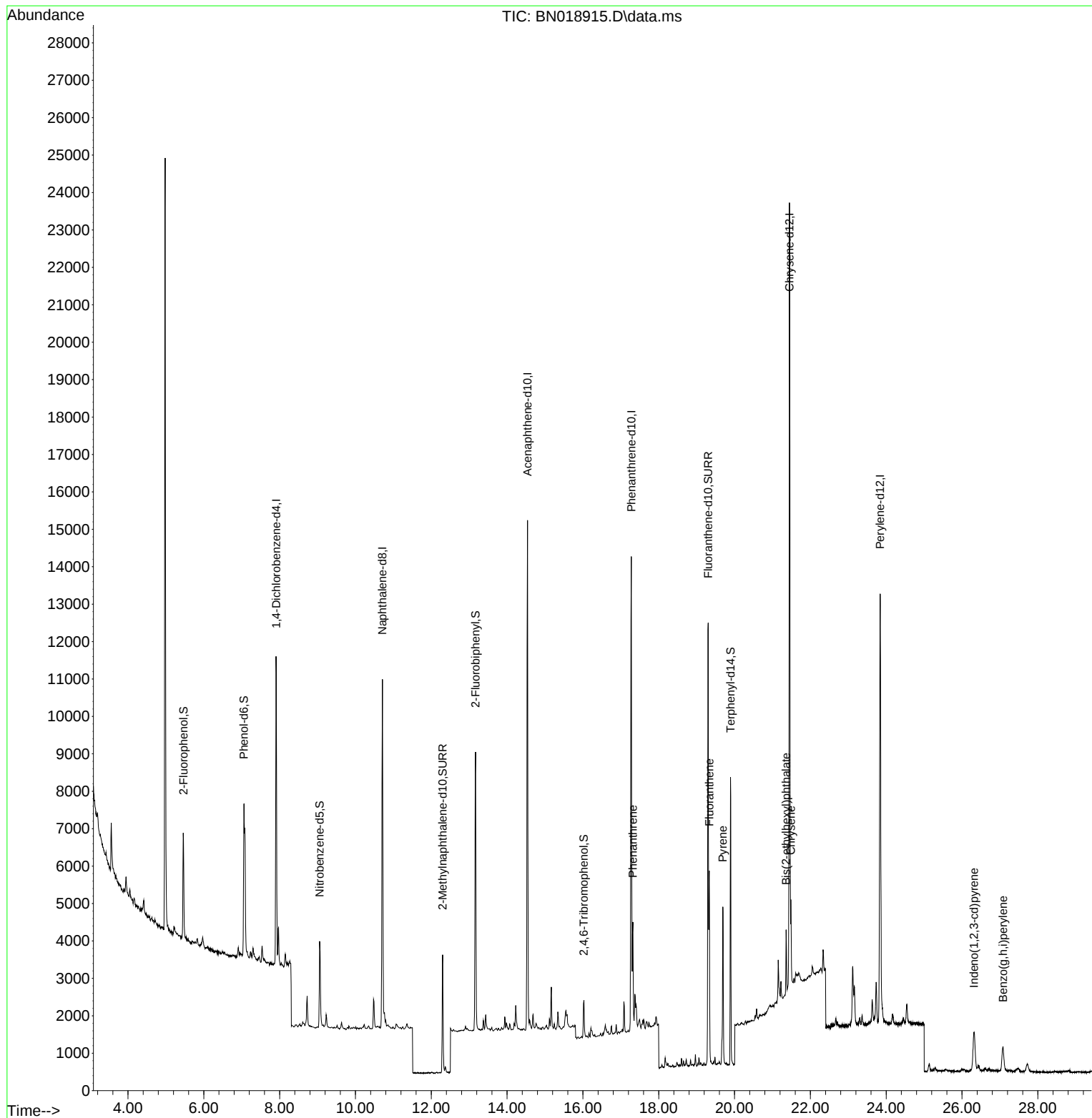
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
Data File : BN018915.D
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ALS Vial : 12 Sample Multiplier: 1

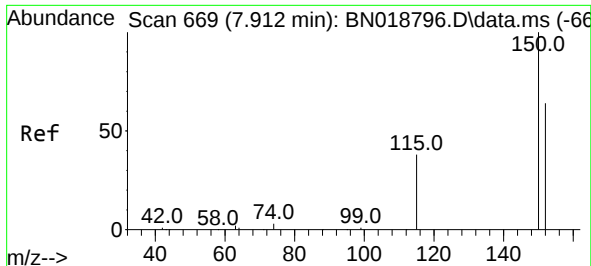
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

Quant Time: Mar 11 03:05:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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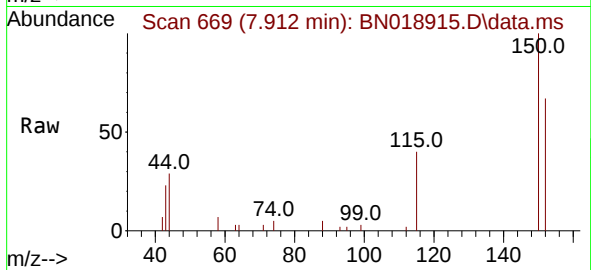
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

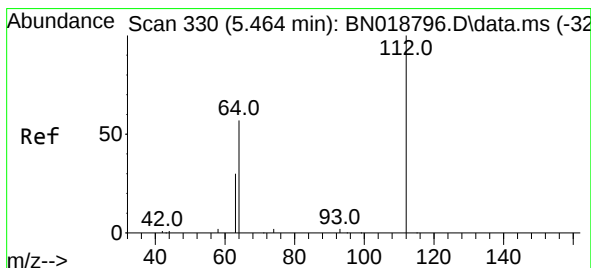
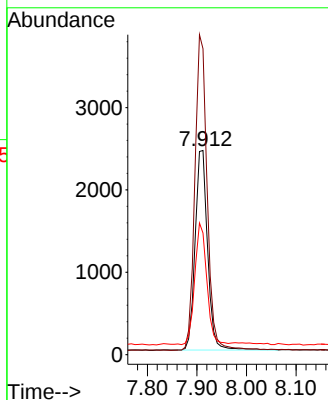
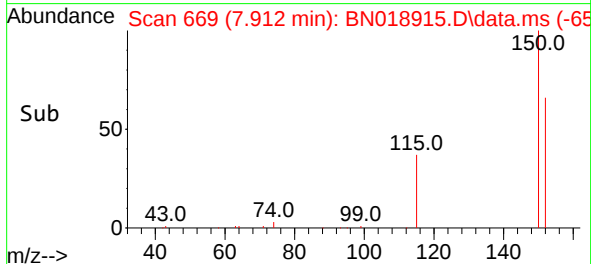
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A



Tgt Ion:152 Resp: 4244
Ion Ratio Lower Upper
152 100
150 149.9 123.9 185.9
115 59.6 48.2 72.4

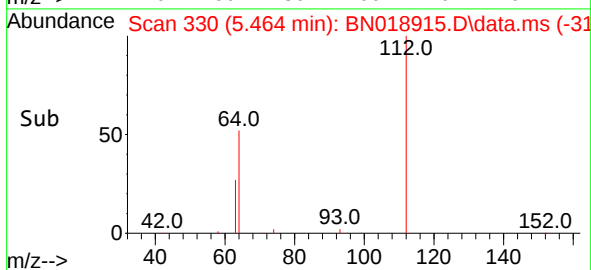
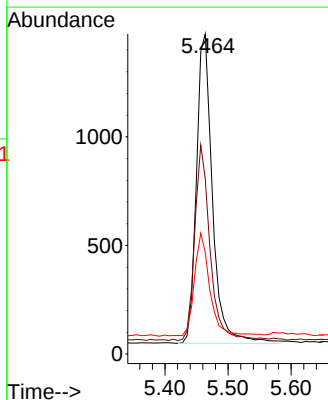
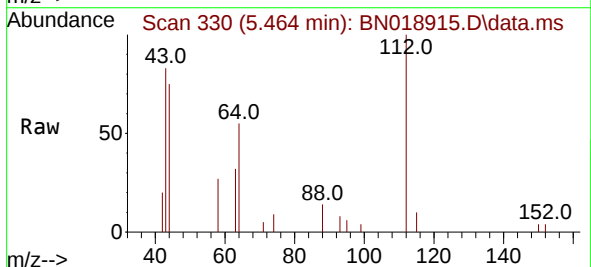
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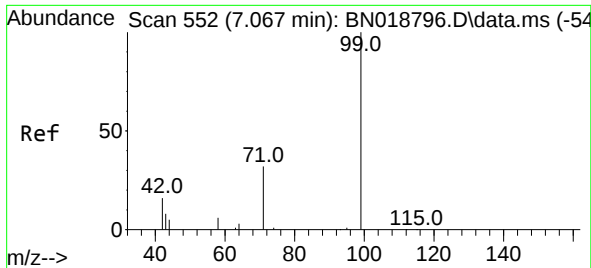
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#4
2-Fluorophenol
Concen: 0.271 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:112 Resp: 2516
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.8
63 31.4 25.7 38.5





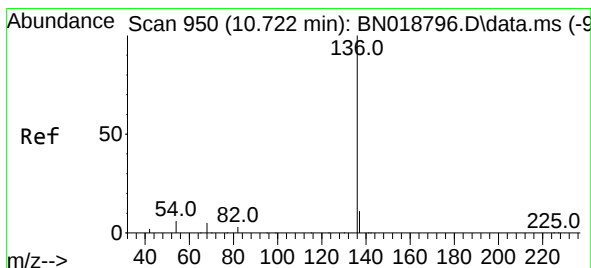
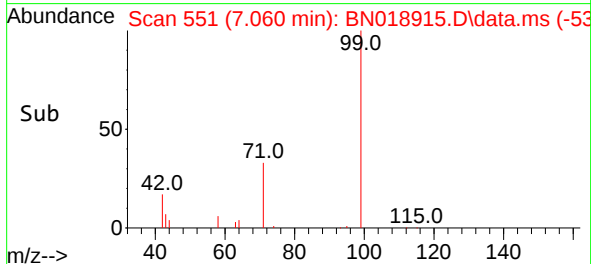
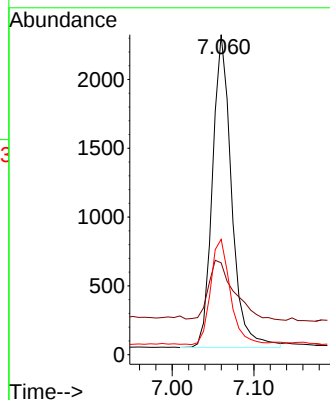
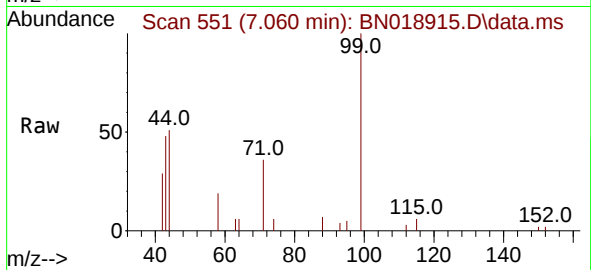
#5
Phenol-d6
Concen: 0.332 ng
RT: 7.060 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

Tgt Ion: 99 Resp: 369
Ion Ratio Lower Upper
99 100
42 25.4 16.2 24.4#
71 34.6 27.7 41.5

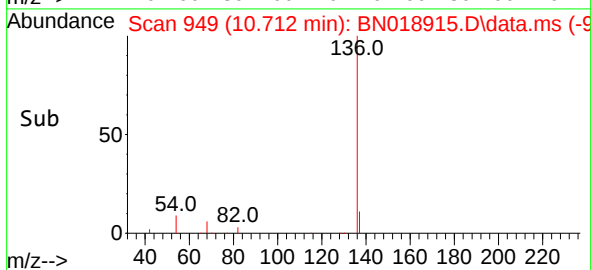
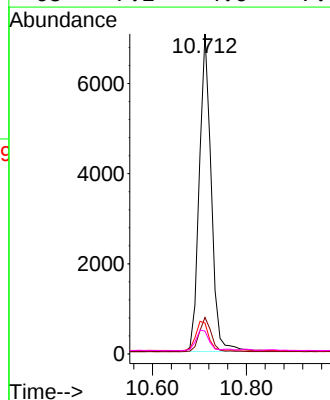
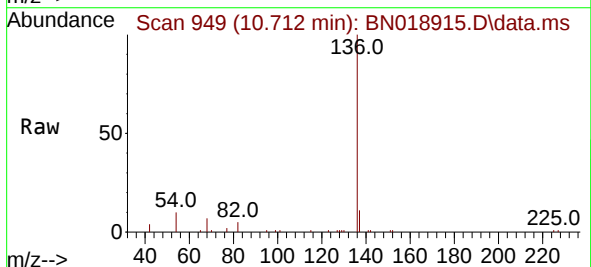
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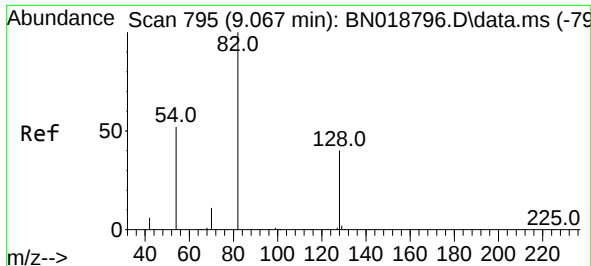
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

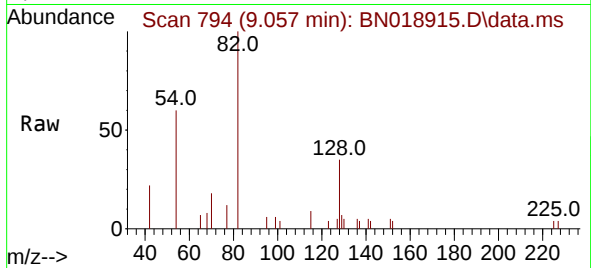
Tgt Ion:136 Resp: 12471
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.6 5.8 8.6#
68 7.2 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.240 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

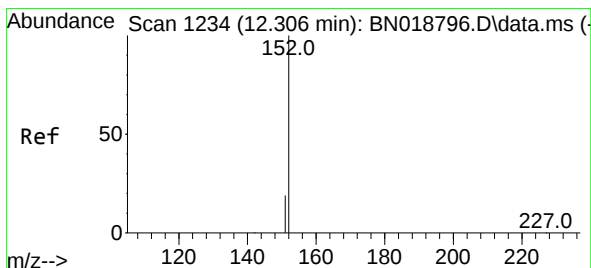
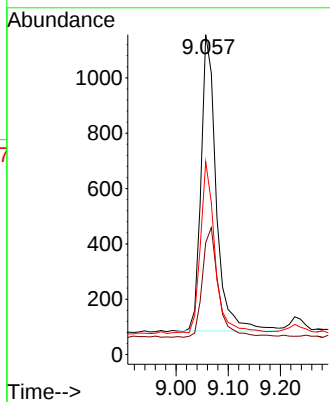
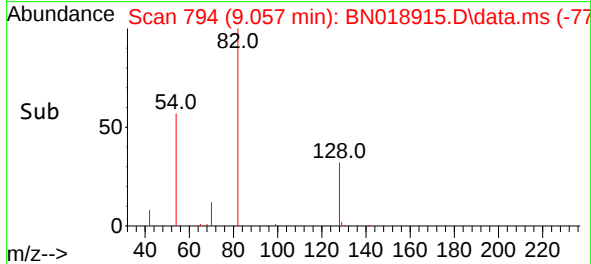
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A



Tgt Ion: 82 Resp: 2180
Ion Ratio Lower Upper
82 100
128 35.0 33.0 49.6
54 60.3 42.5 63.7

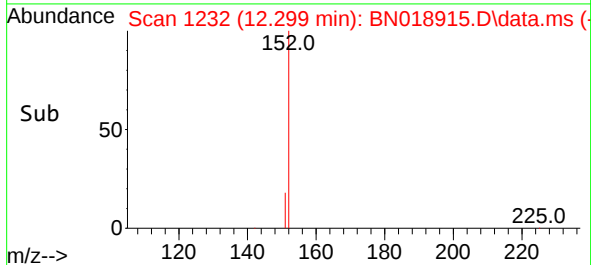
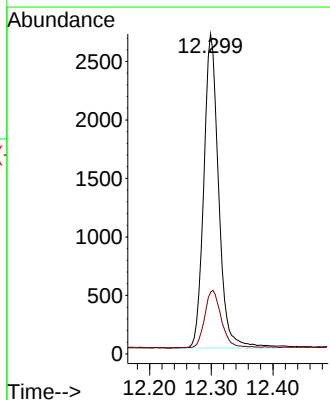
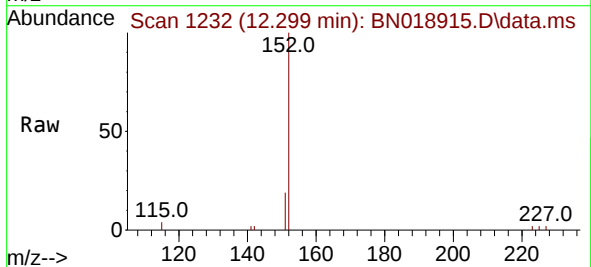
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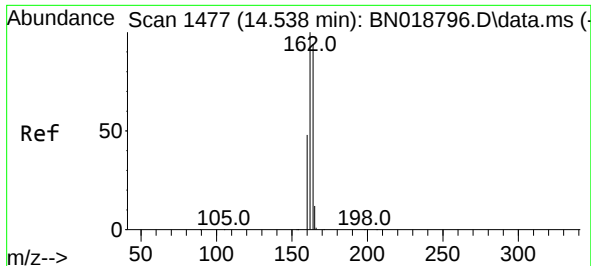
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

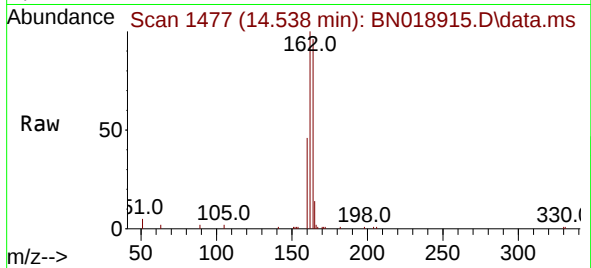
Tgt Ion:152 Resp: 4489
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

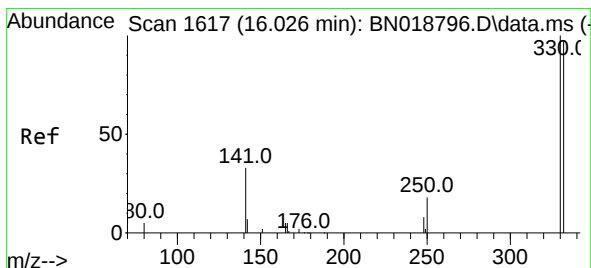
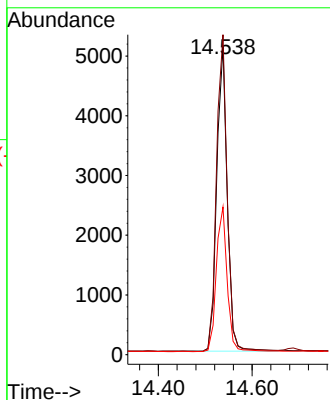
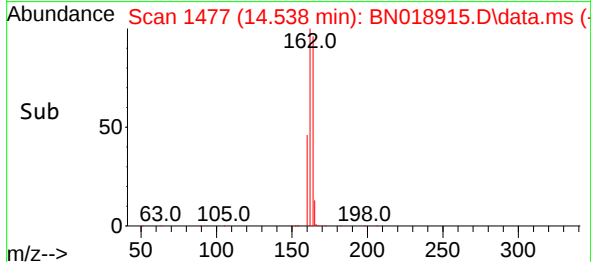
Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A



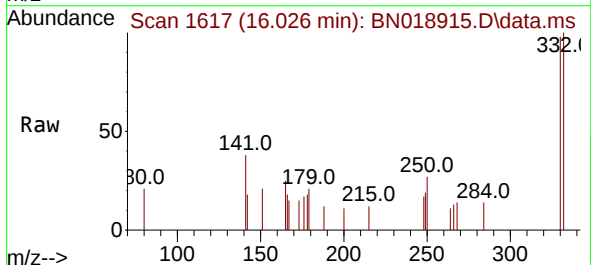
Tgt Ion:164 Resp: 792.0
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 47.9 41.5 62.3

Manual Integrations
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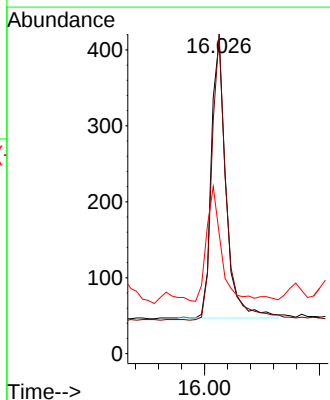
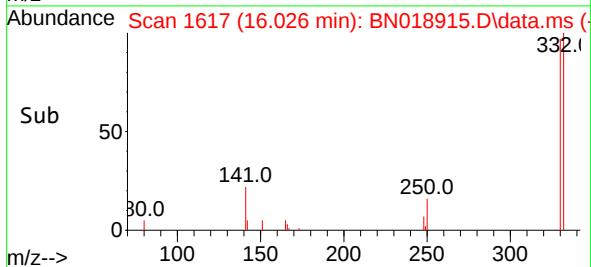
Reviewed By :Christian Giraldo 03/11/2022
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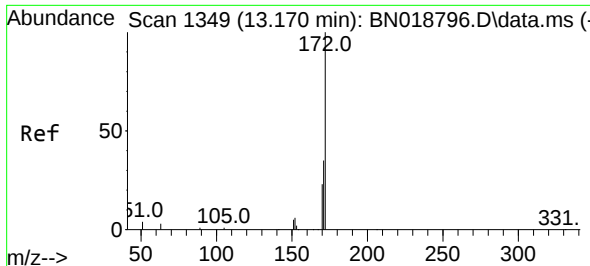


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 16.026 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37



Tgt Ion:330 Resp: 654
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 39.8 32.2 48.2





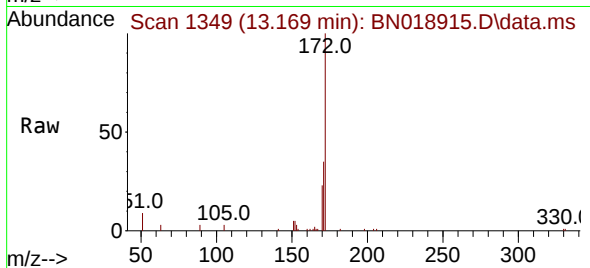
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Instrument :

BNA_N

ClientSampleId :

V-2-0309-3A



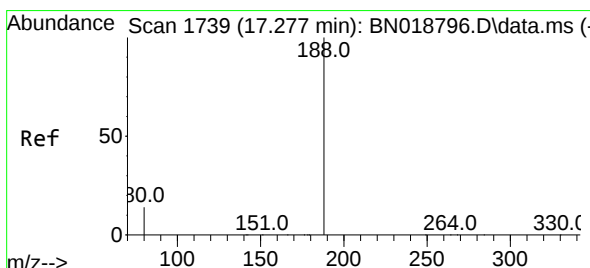
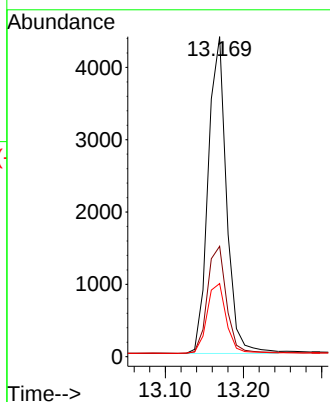
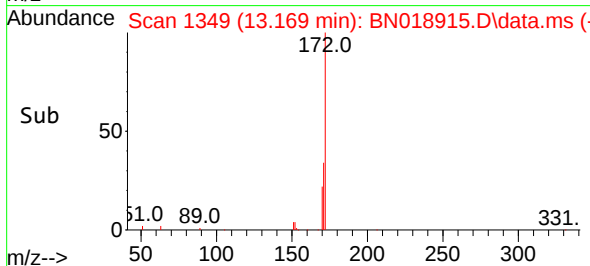
Tgt Ion:172 Resp: 714
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.9 18.7 28.1

Manual Integrations

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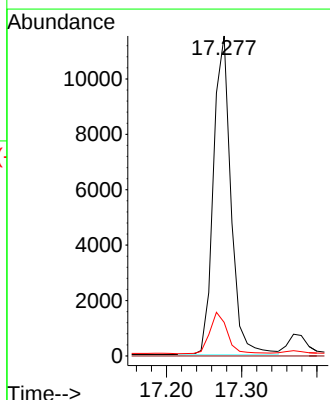
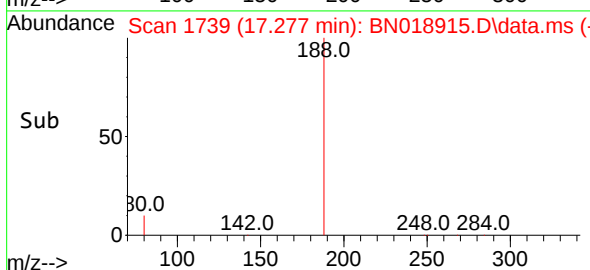
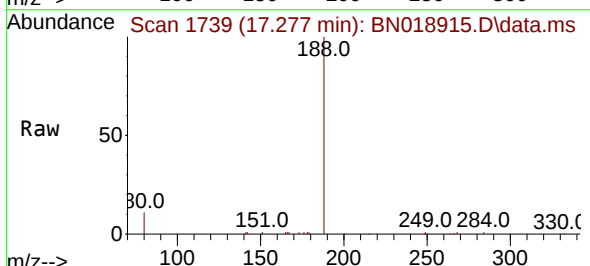
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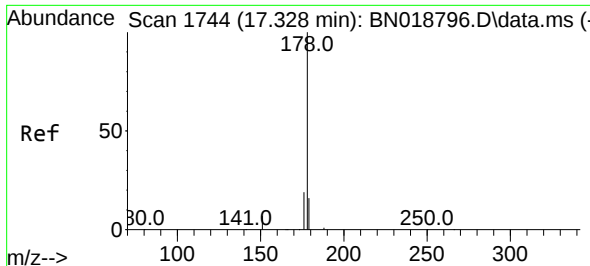
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

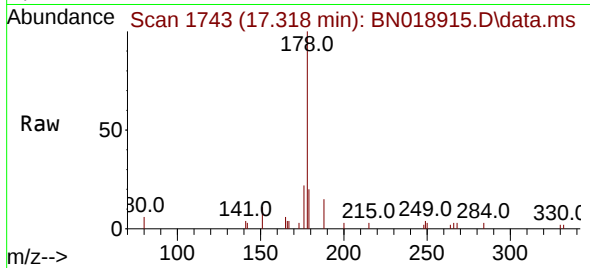
Tgt Ion:188 Resp: 18548
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 11.8 17.8#





#25
Phenanthrene
Concen: 0.049 ng
RT: 17.318 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

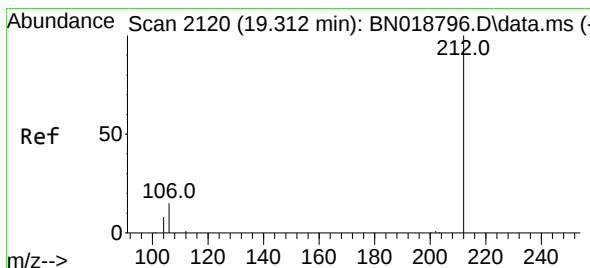
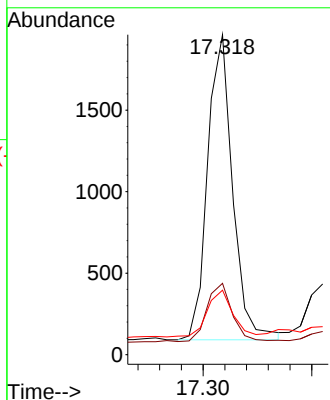
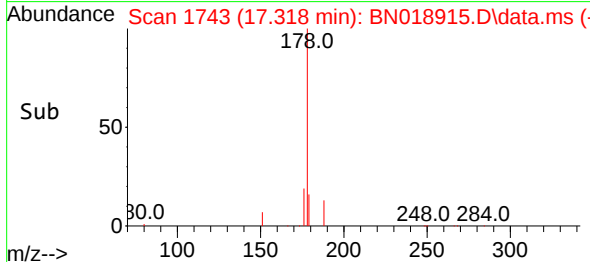
Instrument :
BNA_N
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V-2-0309-3A



Tgt Ion:178 Resp: 300
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 17.8 12.2 18.2

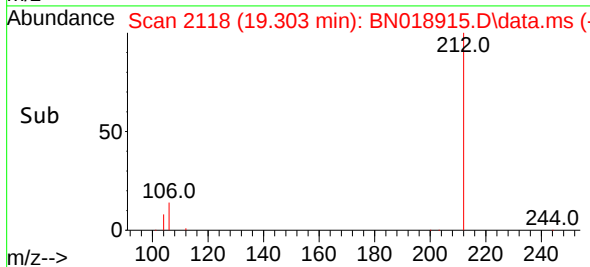
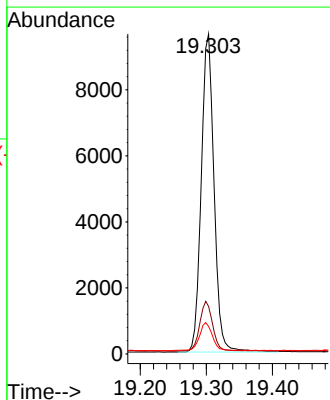
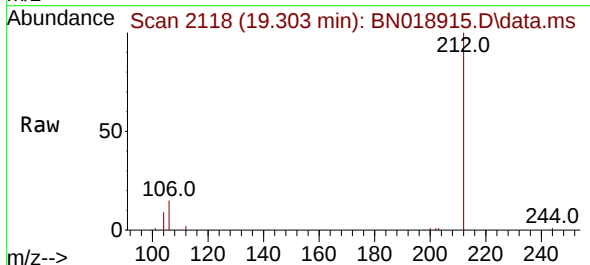
Manual Integrations
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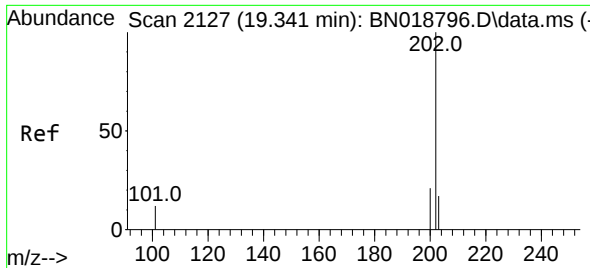
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#27
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.303 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

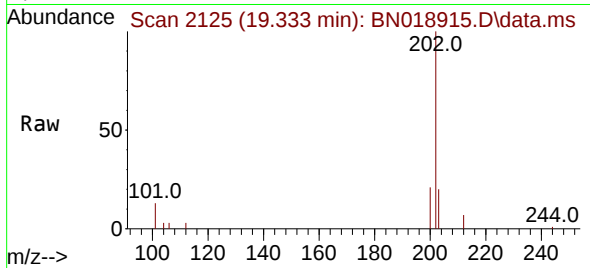
Tgt Ion:212 Resp: 12949
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 9.2 7.1 10.7





#28
Fluoranthene
Concen: 0.066 ng
RT: 19.333 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

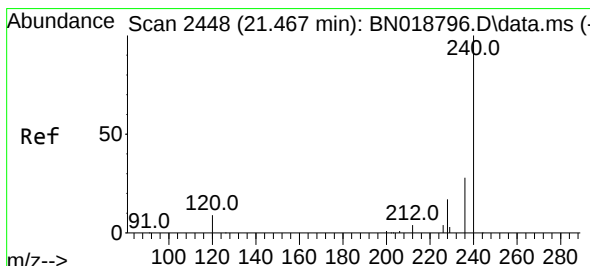
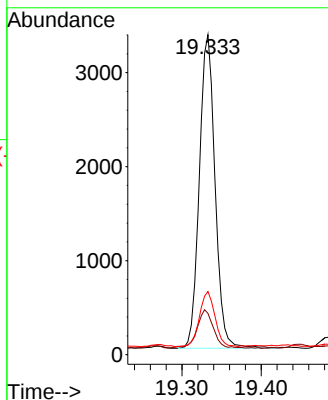
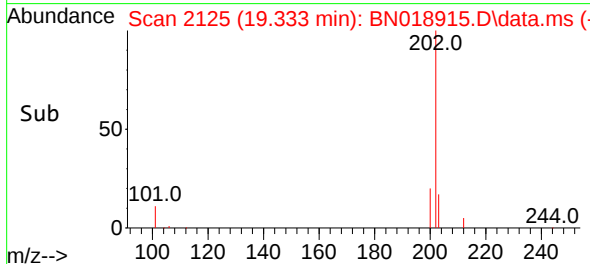
Instrument :
BNA_N
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V-2-0309-3A



Tgt Ion:202 Resp: 4614
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
203 17.2 13.7 20.5

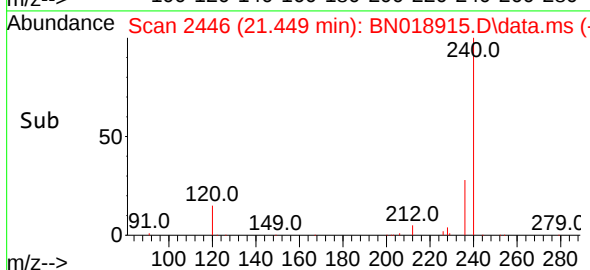
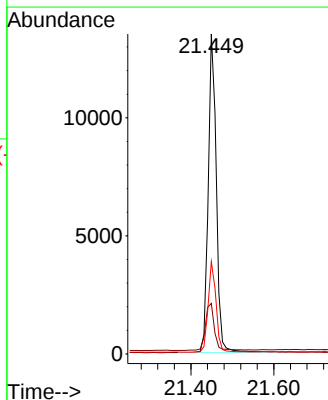
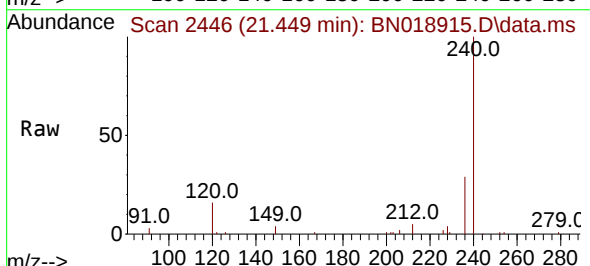
Manual Integrations
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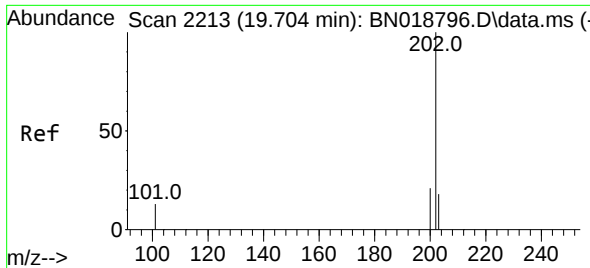
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:240 Resp: 18276
Ion Ratio Lower Upper
240 100
120 15.8 8.5 12.7#
236 28.8 22.4 33.6





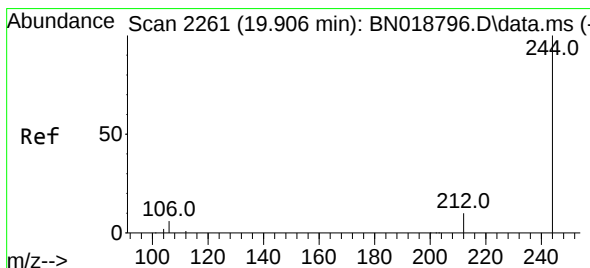
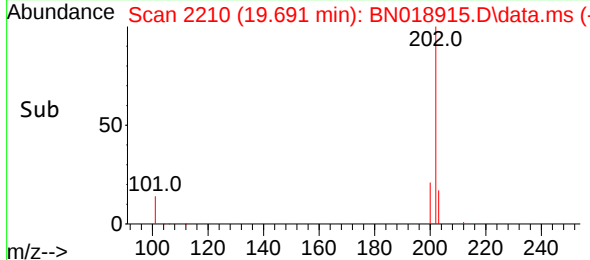
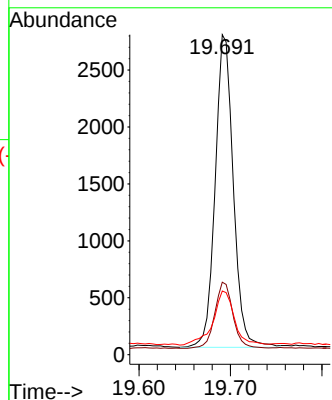
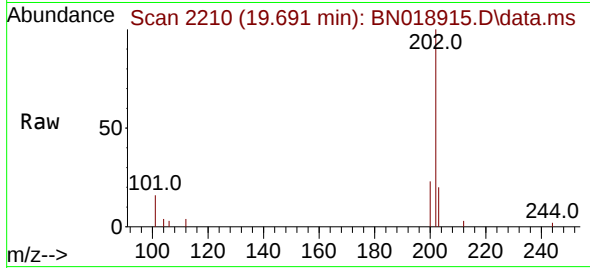
#30
Pyrene
Concen: 0.046 ng
RT: 19.691 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Instrument :
BNA_N
ClientSampleId :
V-2-0309-3A

Tgt Ion:202 Resp: 3774
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 20.2 14.2 21.2

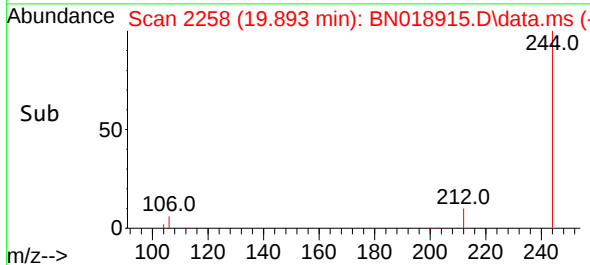
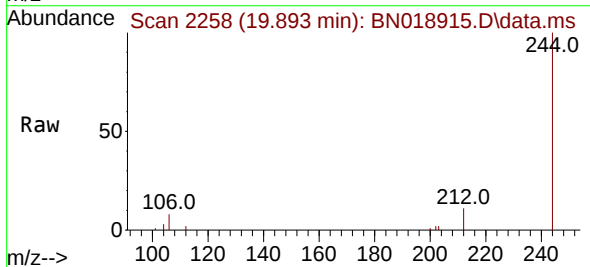
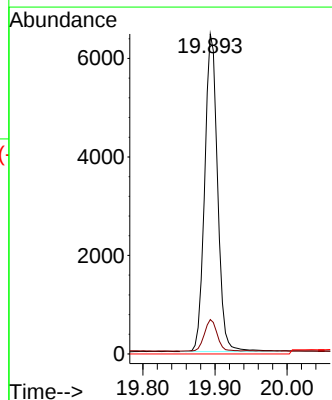
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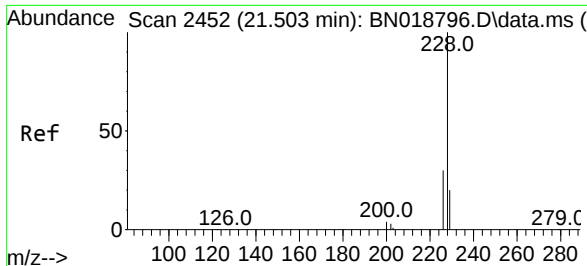
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#31
Terphenyl-d14
Concen: 0.205 ng
RT: 19.893 min Scan# 2258
Delta R.T. -0.004 min
Lab File: BN018915.D
Acq: 10 Mar 2022 22:37

Tgt Ion:244 Resp: 8005
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.4
122 0.0 0.0 0.0





#33

Chrysene

Concen: 0.025 ng m

RT: 21.485 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BN018915.D

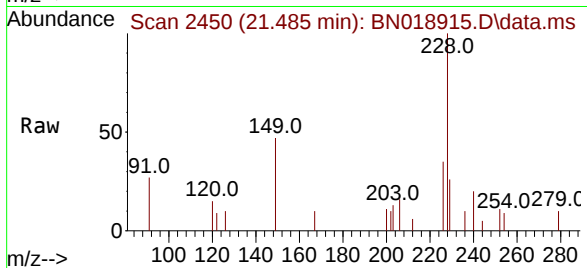
Acq: 10 Mar 2022 22:37

Instrument :

BNA_N

ClientSampleId :

V-2-0309-3A



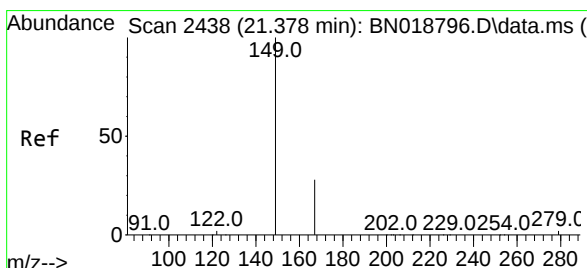
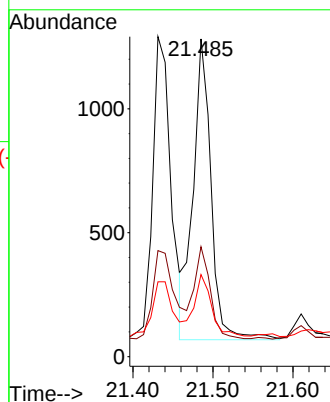
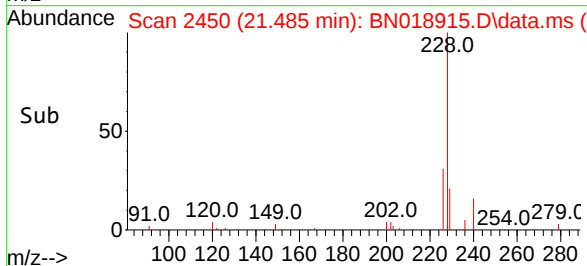
Tgt Ion:	228	Resp:	1898
Ion Ratio	Lower	Upper	
228	100		
226	34.6	24.0	36.0
229	25.8	15.9	23.9

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Supervised By :Jagrut Upadhyay 03/11/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

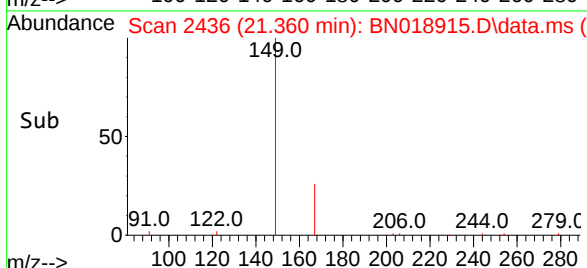
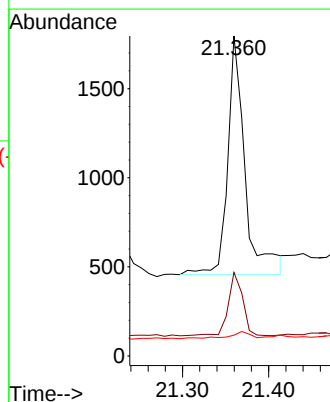
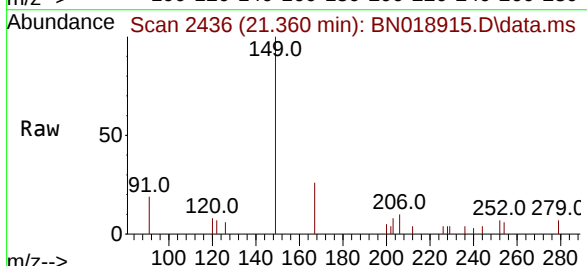
RT: 21.360 min Scan# 2436

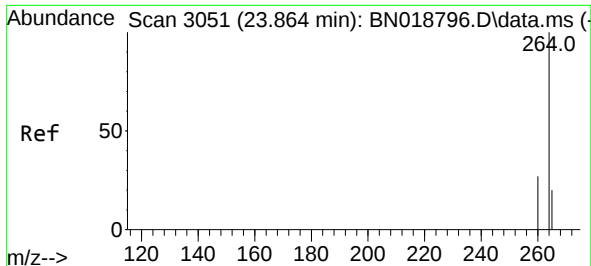
Delta R.T. -0.009 min

Lab File: BN018915.D

Acq: 10 Mar 2022 22:37

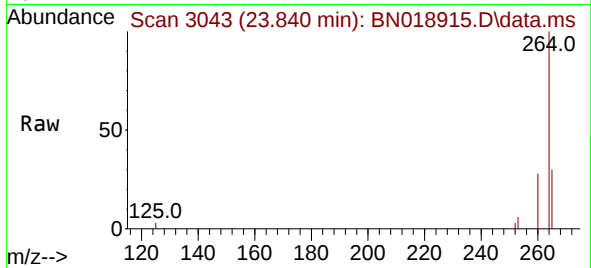
Tgt Ion:	149	Resp:	1868
Ion Ratio	Lower	Upper	
149	100		
167	22.2	21.8	32.8
279	3.9	2.0	3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.840 min Scan# 3051
 Delta R.T. -0.003 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

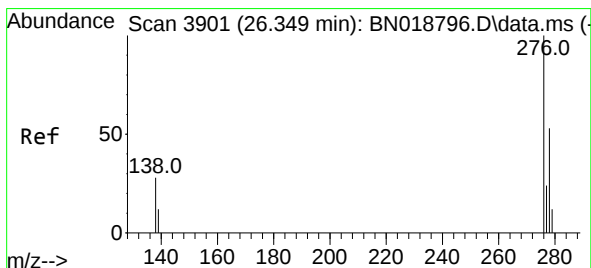
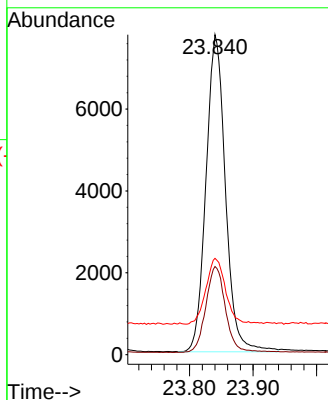
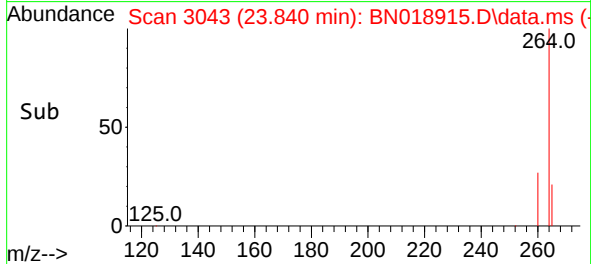
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-3A



Tgt Ion:264 Resp: 1650
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.4 33.6
 265 30.1 25.3 37.9

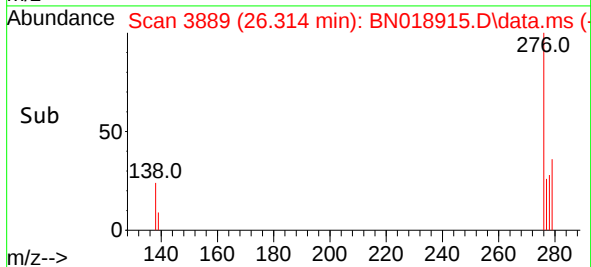
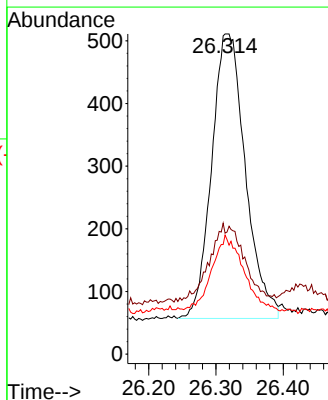
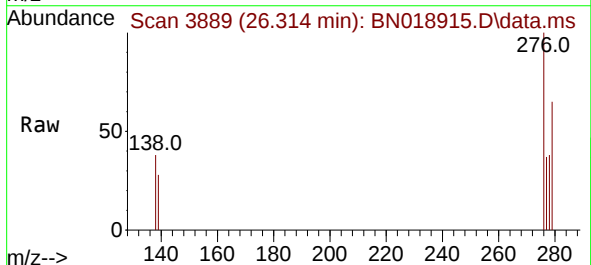
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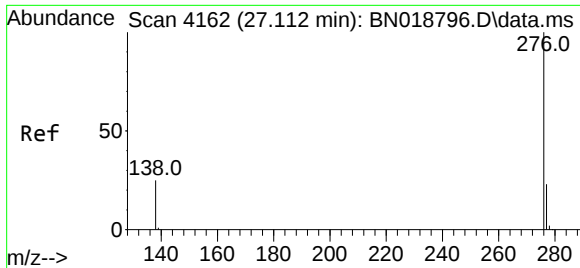
Reviewed By :Christian Giraldo 03/11/2022
 Supervised By :Jagrut Upadhyay 03/11/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 26.314 min Scan# 3889
 Delta R.T. -0.006 min
 Lab File: BN018915.D
 Acq: 10 Mar 2022 22:37

Tgt Ion:276 Resp: 1583
 Ion Ratio Lower Upper
 276 100
 138 14.7 24.5 36.7#
 277 25.8 19.8 29.8





#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 27.082 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN018915.D

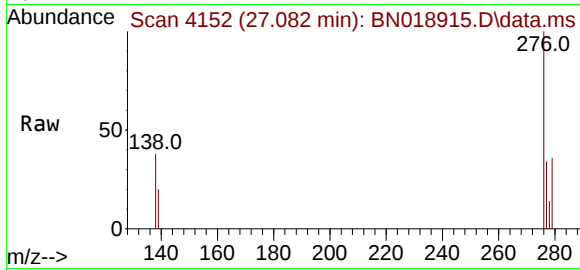
Acq: 10 Mar 2022 22:37

Instrument :

BNA_N

ClientSampleId :

V-2-0309-3A



Tgt Ion:276 Resp: 157

Ion Ratio Lower Upper

276 100

277 33.7 19.4 29.0

138 38.0 21.0 31.6

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Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022

