

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023035.D
 Acq On : 02 Dec 2022 03:07
 Operator : CG/JU
 Sample : N5757-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 05:12:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5108	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13193	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6086	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11272	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	7008	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	5201	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1324	0.100	ng	0.00
5) Phenol-d6	7.204	99	1012	0.060	ng	0.00
8) Nitrobenzene-d5	9.217	82	3607m	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.458	152	7164	0.250	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	582	0.198	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10880	0.391	ng	0.00
27) Fluoranthene-d10	19.465	212	9062	0.296	ng	0.00
31) Terphenyl-d14	20.053	244	7090	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	11204m	1.728	ng	
32) Benzo(a)anthracene	21.602	228	772	0.027	ng	# 88
33) Chrysene	21.656	228	983	0.033	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.522	149	7092	0.624	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.695	276	711	0.033	ng	# 79
37) Benzo(b)fluoranthene	23.338	252	898	0.039	ng	# 13
38) Benzo(k)fluoranthene	23.385	252	842m	0.033	ng	
40) Dibenzo(a,h)anthracene	26.709	278	599	0.035	ng	# 20
41) Benzo(g,h,i)perylene	27.493	276	697	0.038	ng	# 59

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

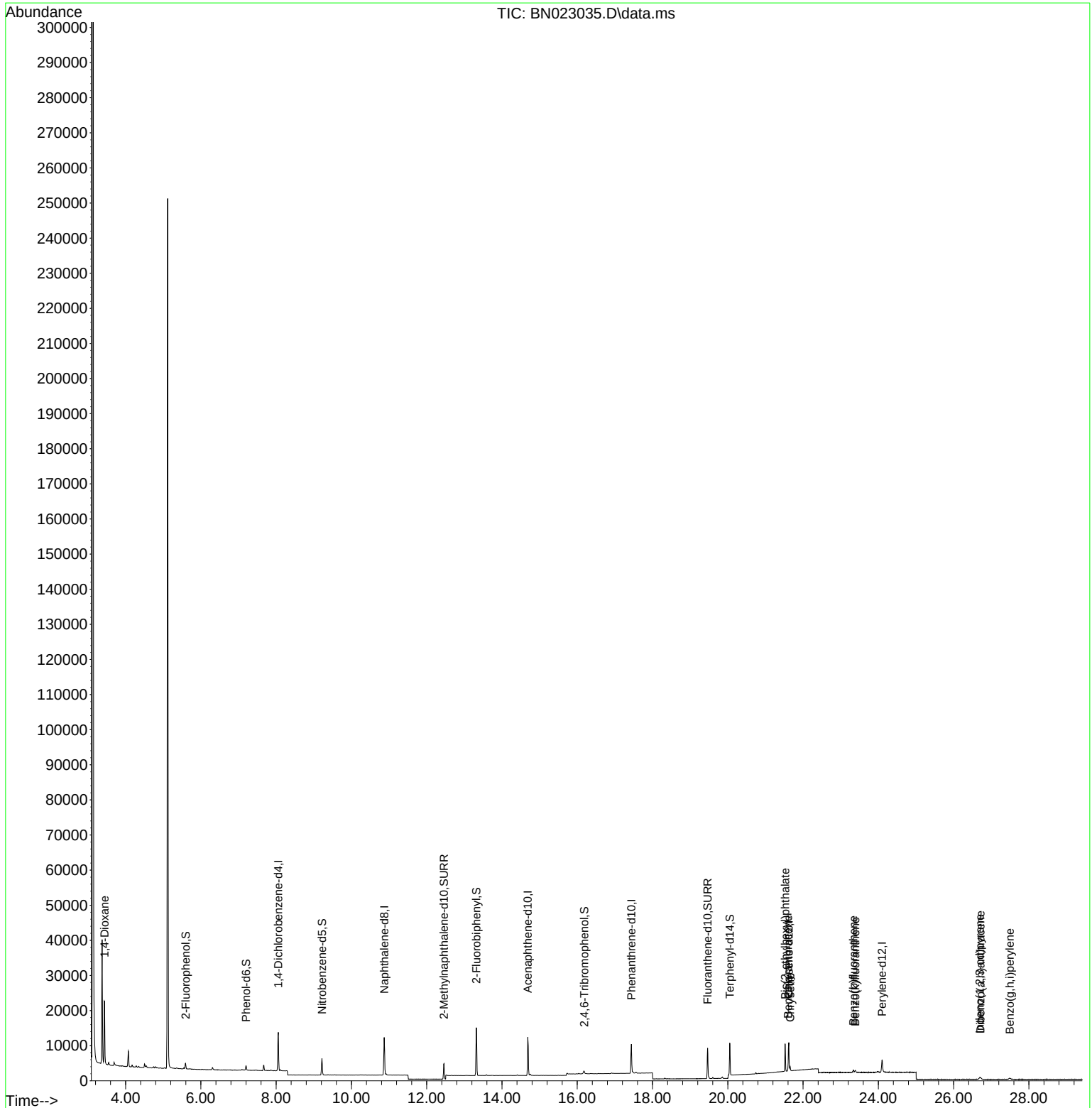
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\  
Data File : BN023035.D  
Acq On    : 02 Dec 2022  03:07  
Operator  : CG/JU  
Sample    : N5757-06  
Misc      :  
ALS Vial  : 24    Sample Multiplier: 1
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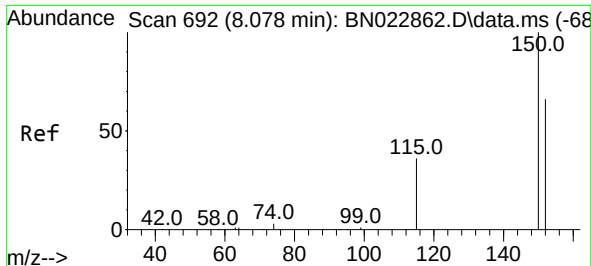
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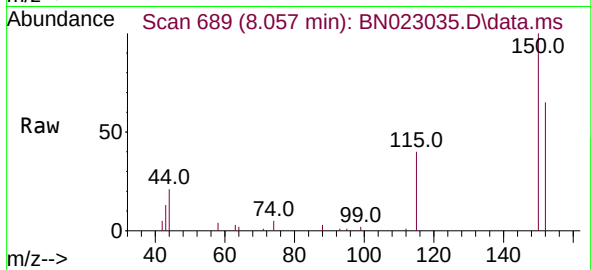
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

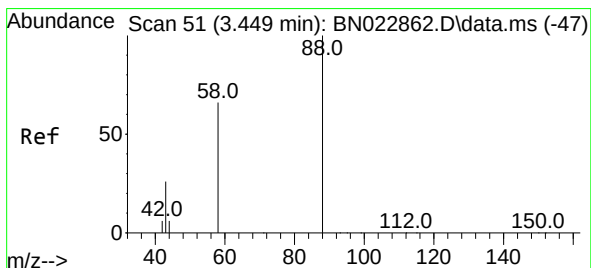
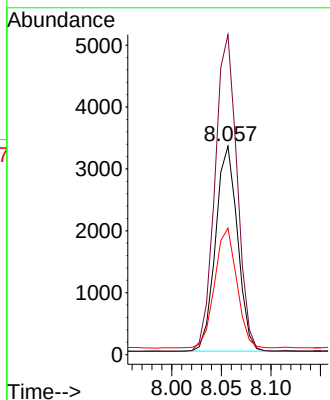
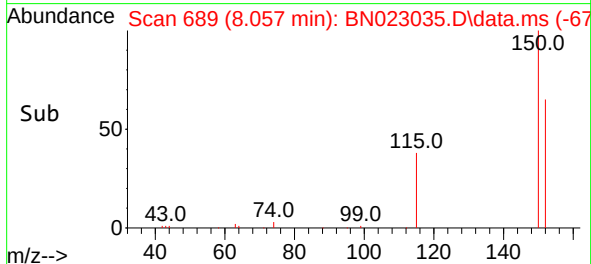
Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121



Tgt Ion: 152 Resp: 5108
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.2 181.8
 115 60.6 46.2 69.4

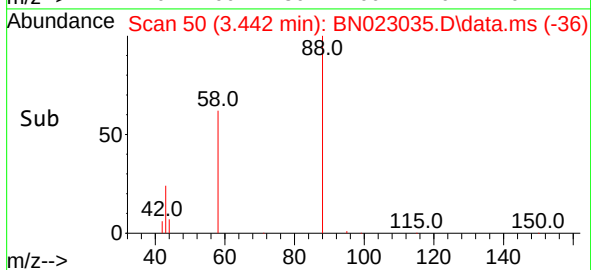
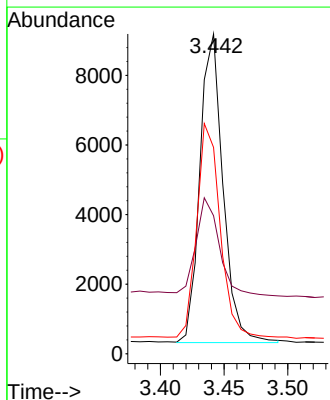
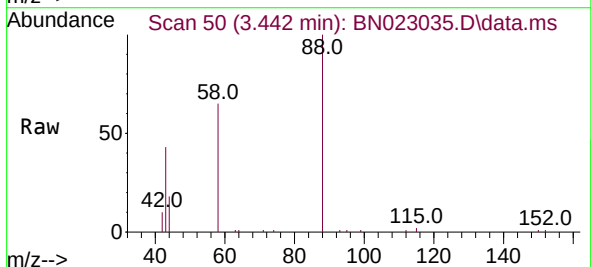
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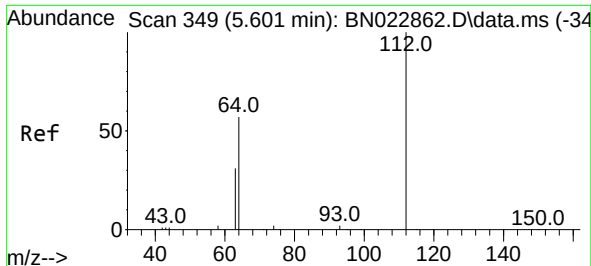
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#2
 1,4-Dioxane
 Concen: 1.728 ng m
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

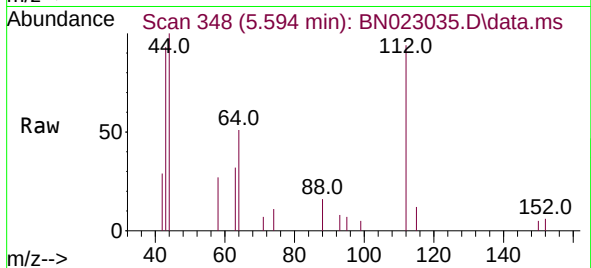
Tgt Ion: 88 Resp: 11204
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.4 38.2
 58 69.4 56.5 84.7





#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

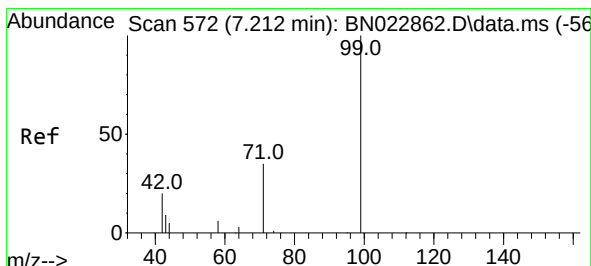
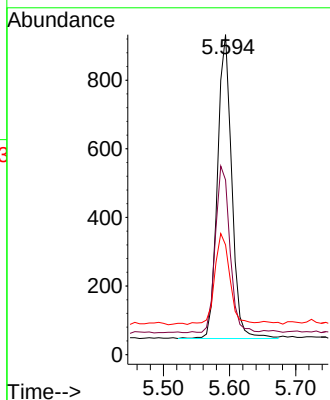
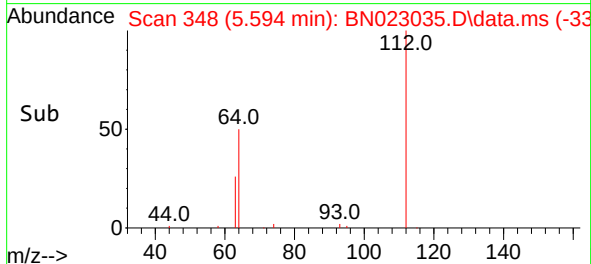
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion: 112 Resp: 1324
Ion Ratio Lower Upper
112 100
64 56.0 43.4 65.2
63 31.4 23.4 35.2

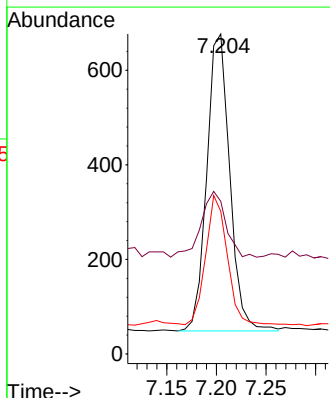
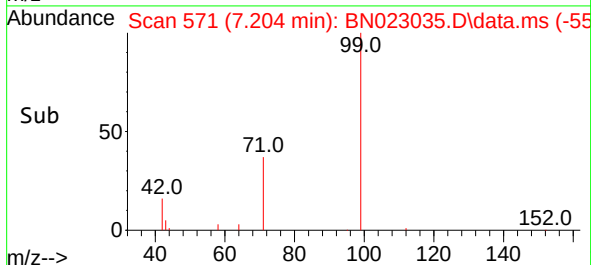
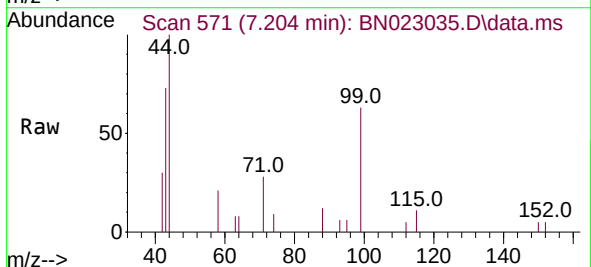
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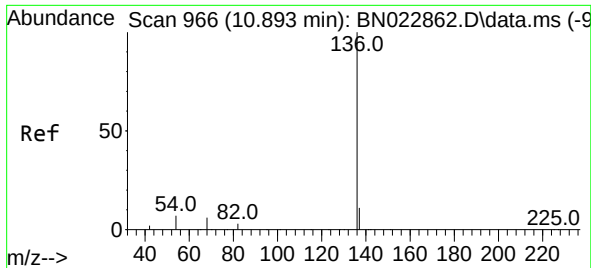
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

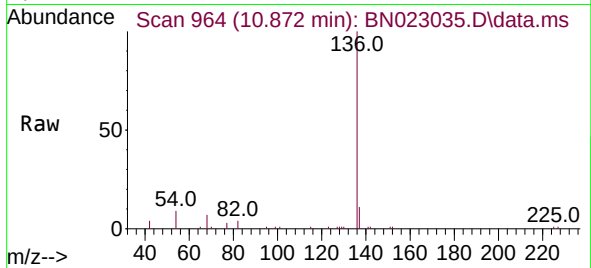
Tgt Ion: 99 Resp: 1012
Ion Ratio Lower Upper
99 100
42 23.6 16.0 24.0
71 42.1 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

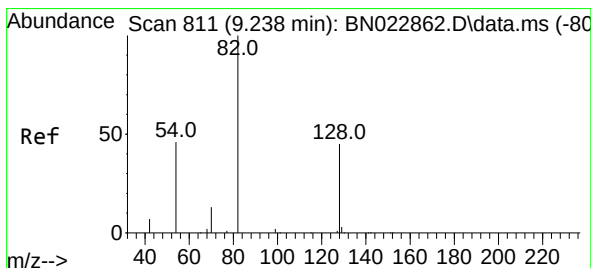
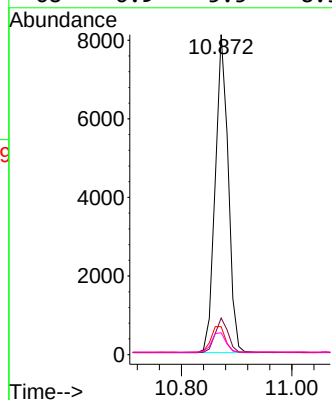
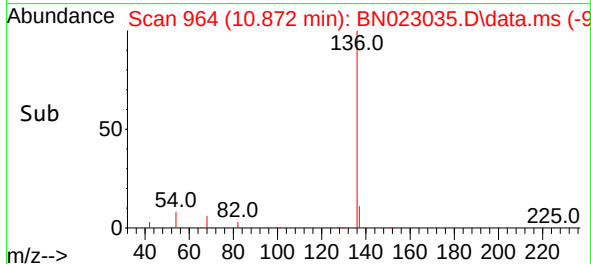
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.7	6.6	9.8
68	6.9	5.5	8.3

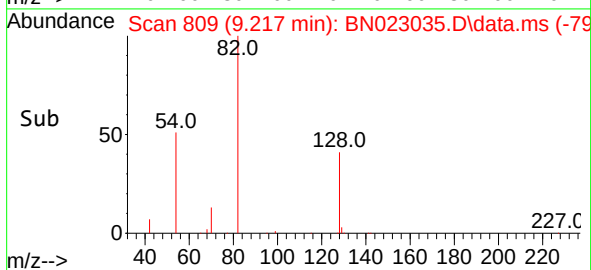
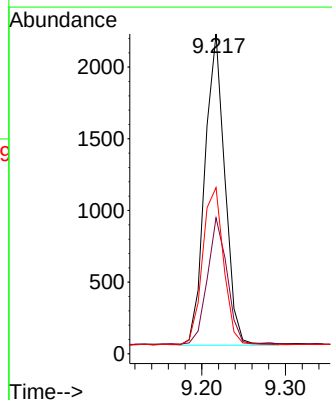
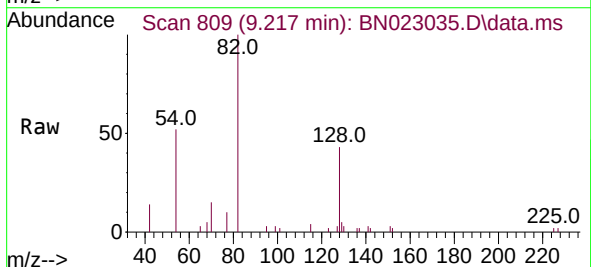
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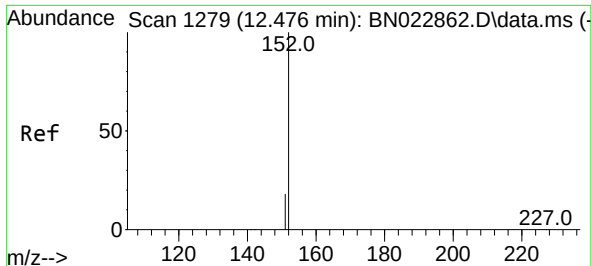
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#8
Nitrobenzene-d5
Concen: 0.352 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

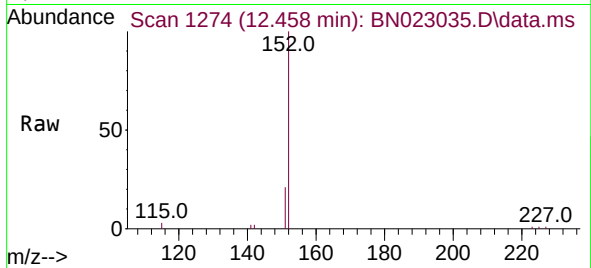
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.6	54.8
54	52.0	38.5	57.7





#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

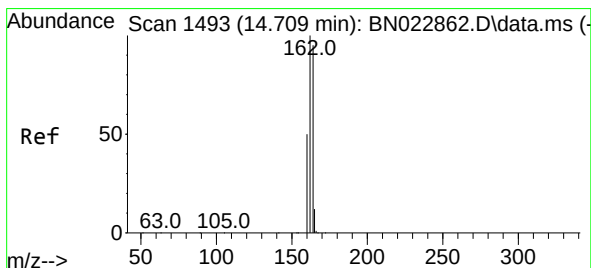
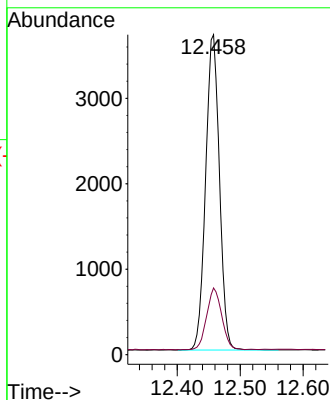
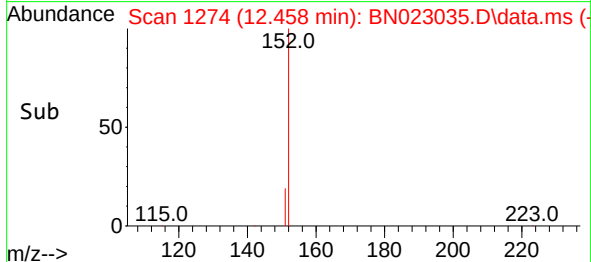
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



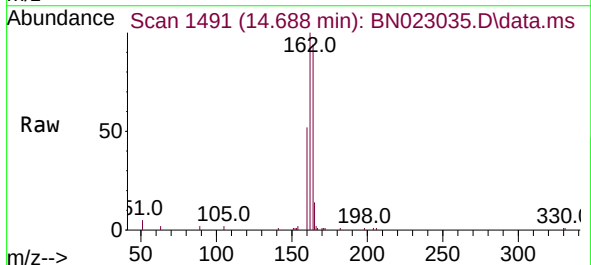
Tgt Ion:152 Resp: 7164
Ion Ratio Lower Upper
152 100
151 16.8 18.6 27.8

Manual Integrations
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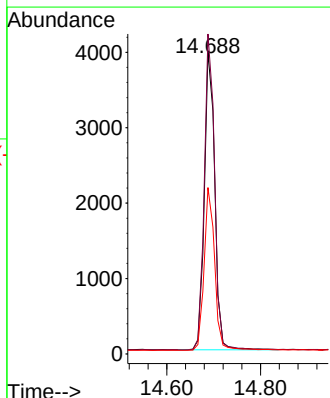
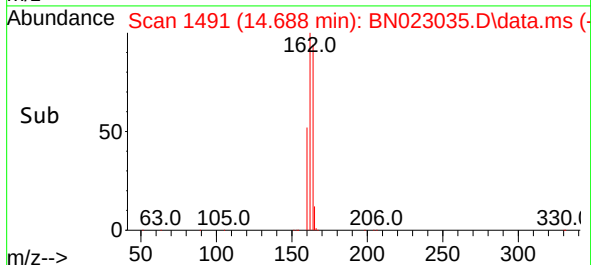
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

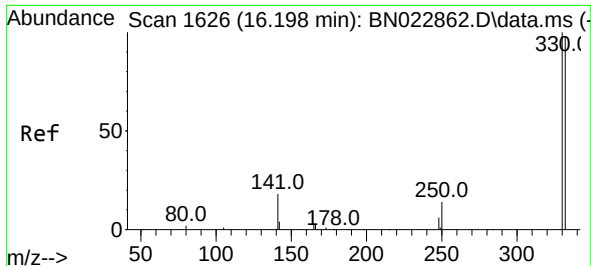


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07



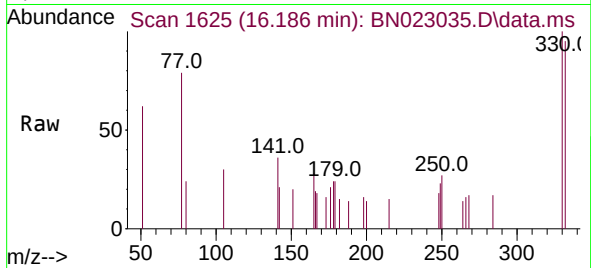
Tgt Ion:164 Resp: 6086
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.4
160 55.2 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

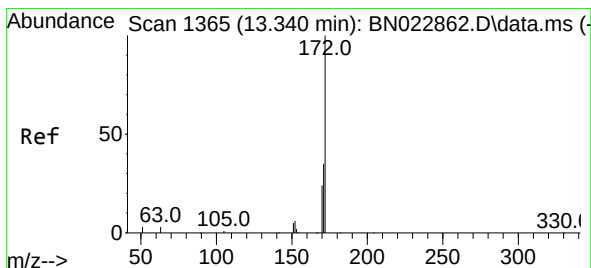
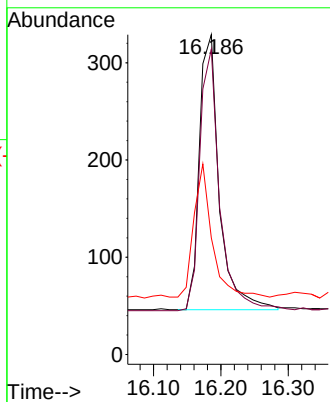
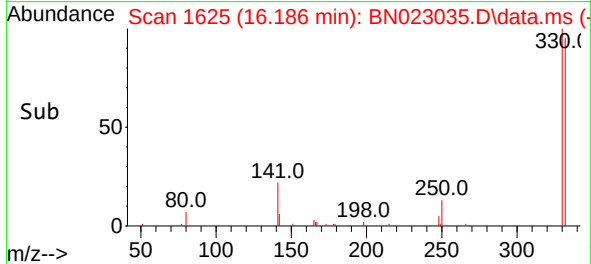
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



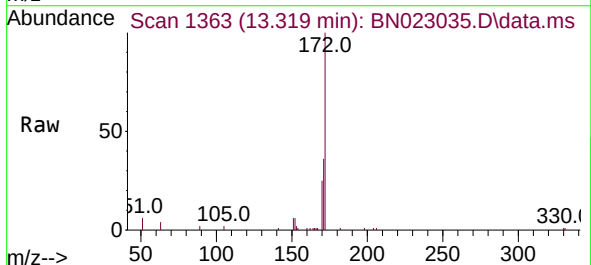
Tgt Ion: 330 Resp: 582
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 44.0 32.6 48.8

Manual Integrations
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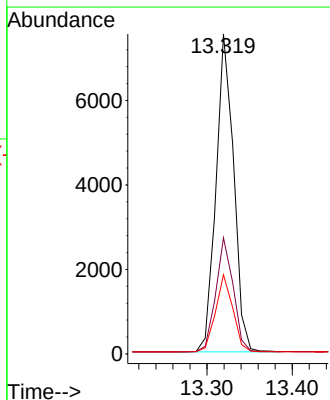
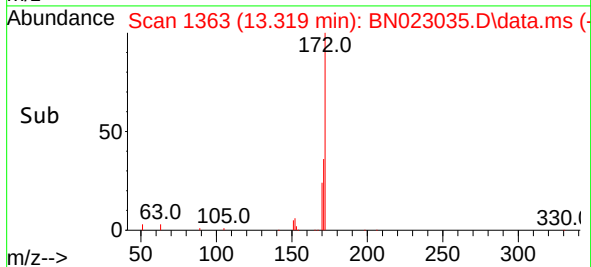
Reviewed By : Christian Giraldo 12/02/2022
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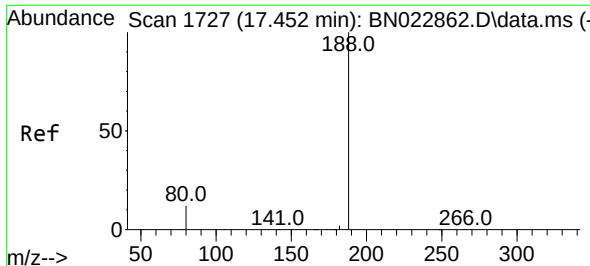


#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07



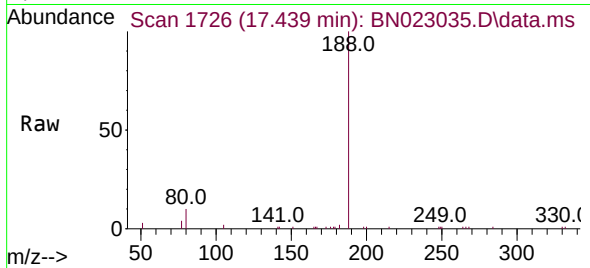
Tgt Ion: 172 Resp: 10880
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 24.7 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

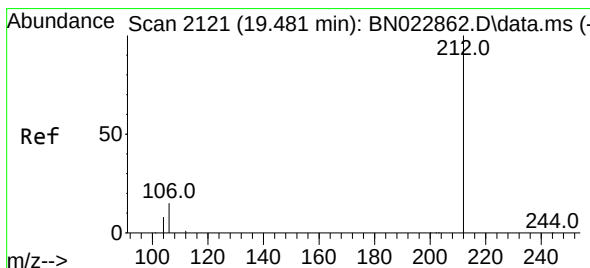
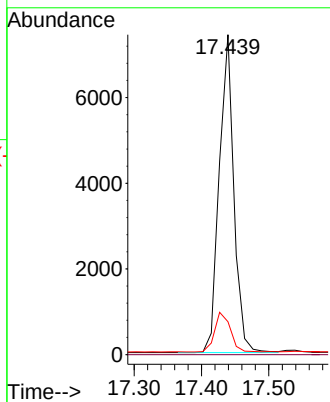
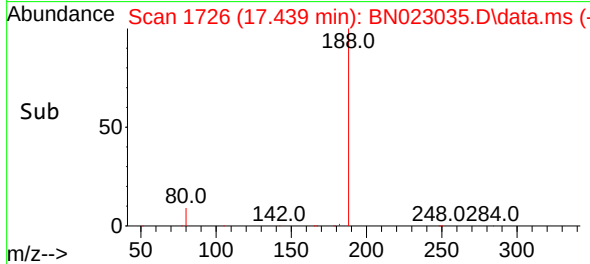
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:188 Resp: 1127
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 10.3 15.5

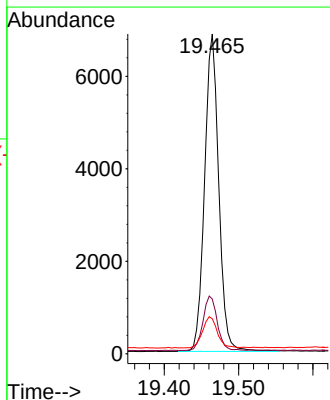
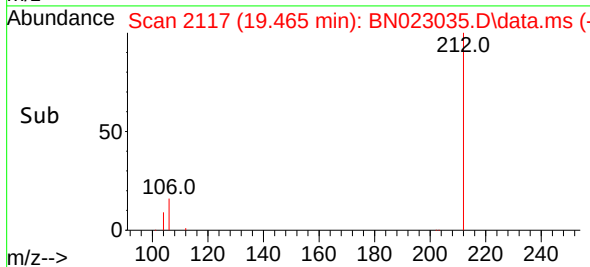
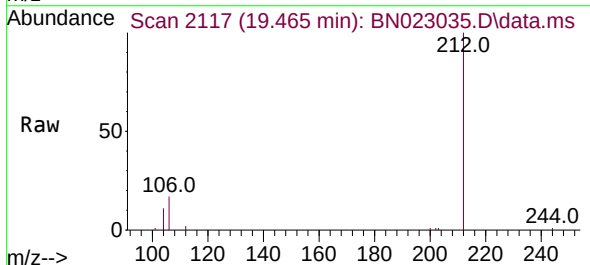
Manual Integrations
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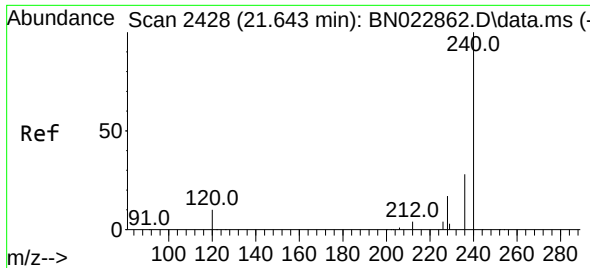
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

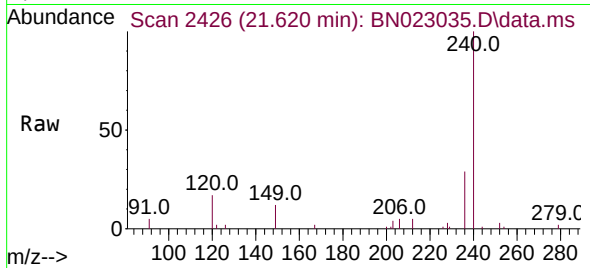
Tgt Ion:212 Resp: 9062
Ion Ratio Lower Upper
212 100
106 17.3 12.3 18.5
104 10.2 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2428
Delta R.T. 0.004 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

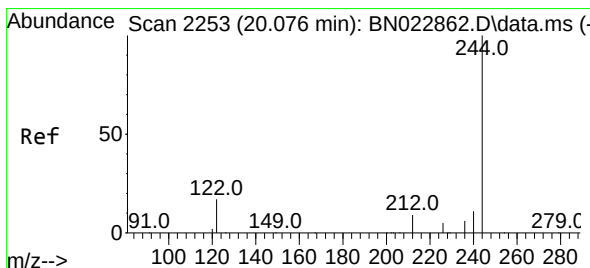
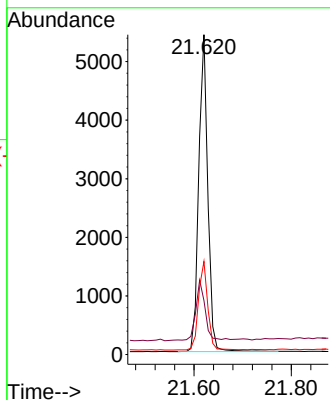
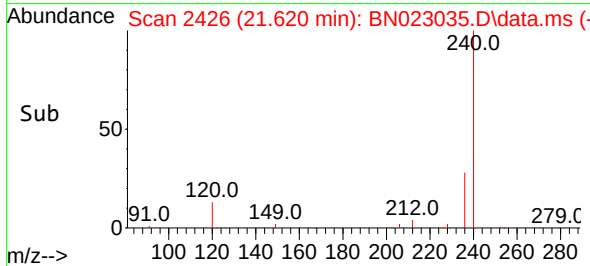
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:240 Resp: 7000
Ion Ratio Lower Upper
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236 29.1 22.6 34.0

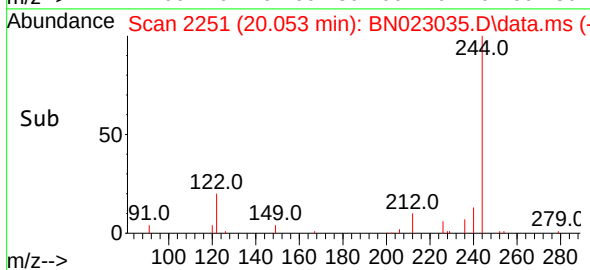
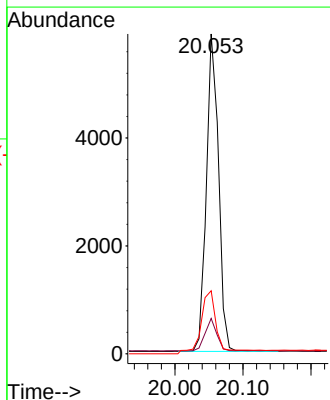
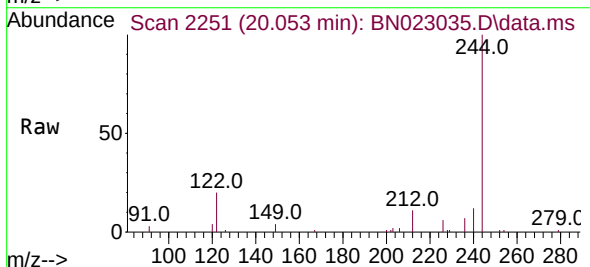
Manual Integrations
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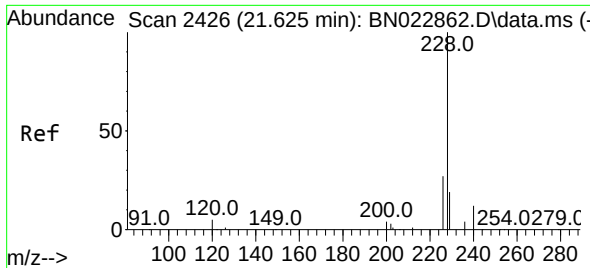
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 20.053 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

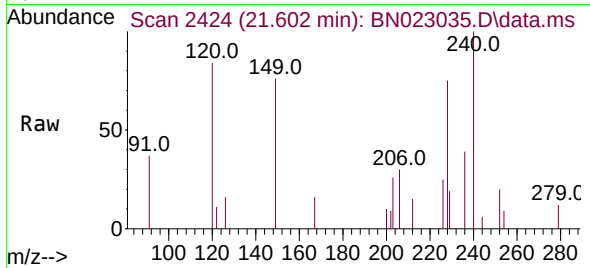
Tgt Ion:244 Resp: 7090
Ion Ratio Lower Upper
244 100
212 11.1 7.9 11.9
122 19.7 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.027 ng
RT: 21.602 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

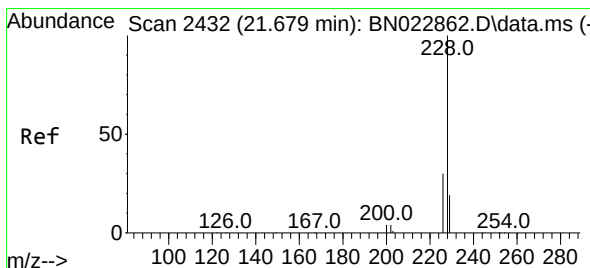
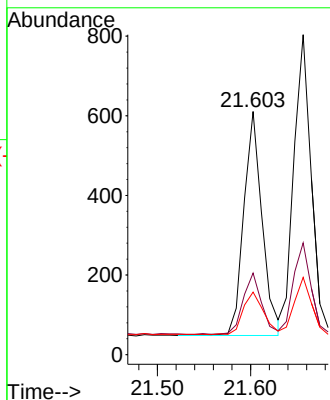
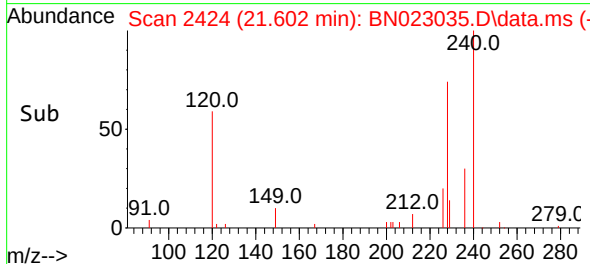
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:228 Resp: 772
Ion Ratio Lower Upper
228 100
226 33.6 22.1 33.1
229 25.7 15.8 23.6

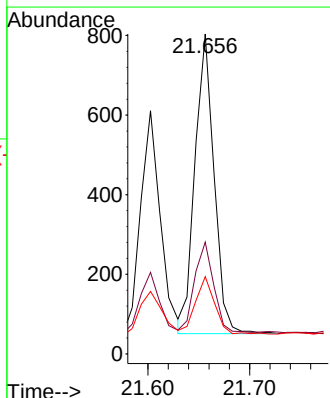
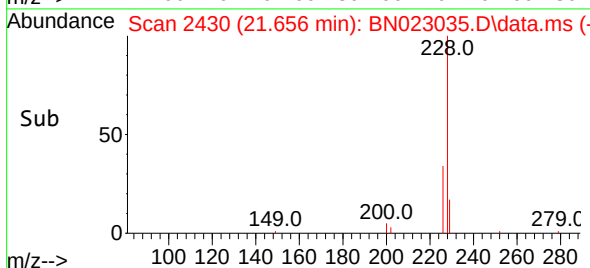
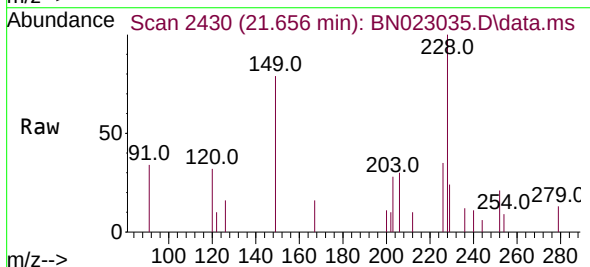
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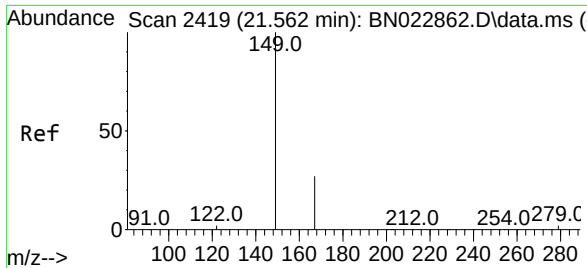
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#33
Chrysene
Concen: 0.033 ng
RT: 21.656 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

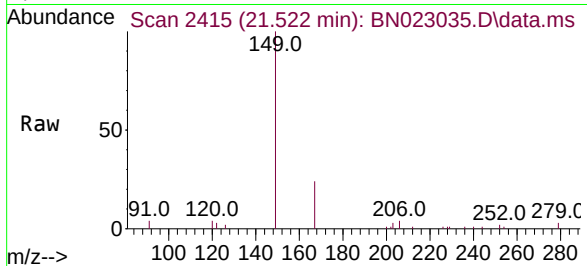
Tgt Ion:228 Resp: 983
Ion Ratio Lower Upper
228 100
226 35.0 24.5 36.7
229 24.1 15.8 23.6





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.624 ng
RT: 21.522 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

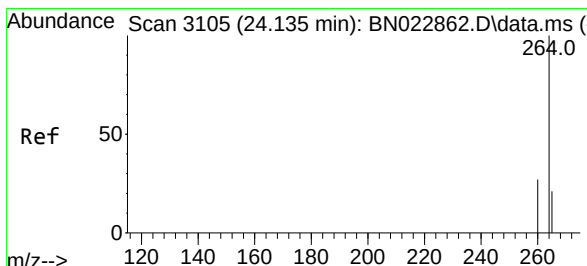
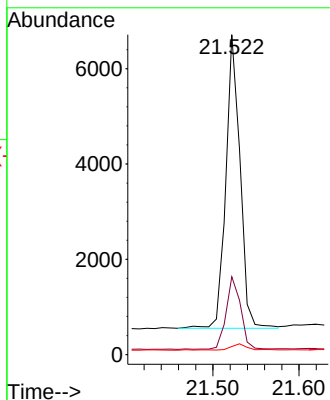
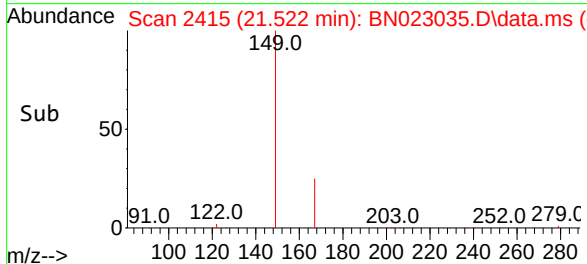
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:149 Resp: 7092
Ion Ratio Lower Upper
149 100
167 25.3 21.3 31.9
279 2.3 2.3 3.5

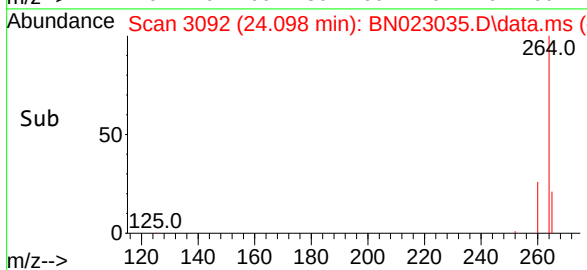
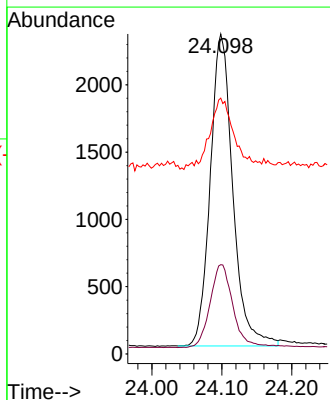
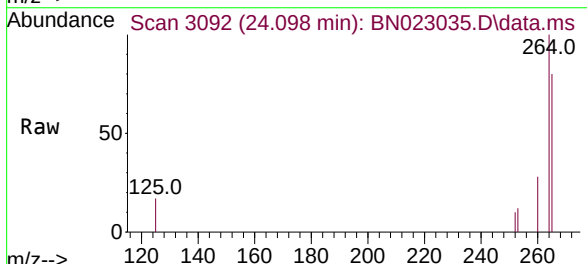
Manual Integrations
APPROVED

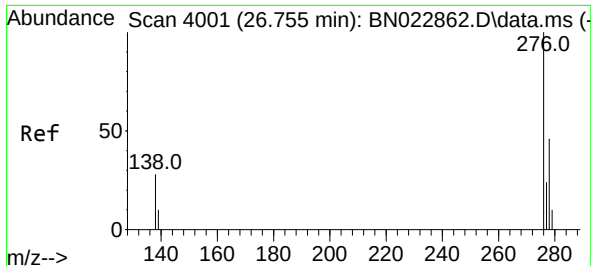
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.098 min Scan# 3092
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

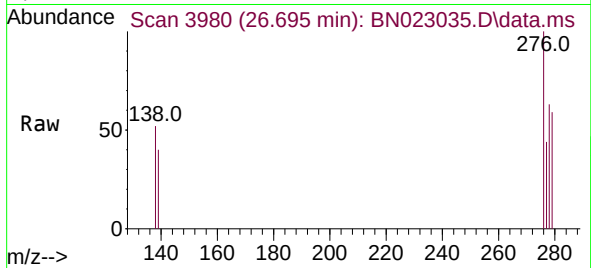
Tgt Ion:264 Resp: 5201
Ion Ratio Lower Upper
264 100
260 27.9 21.7 32.5
265 79.9 31.0 46.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng
RT: 26.695 min Scan# 3980
Delta R.T. -0.002 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

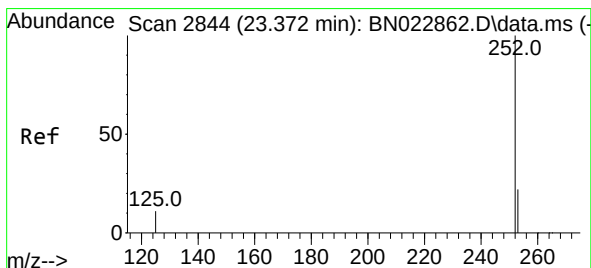
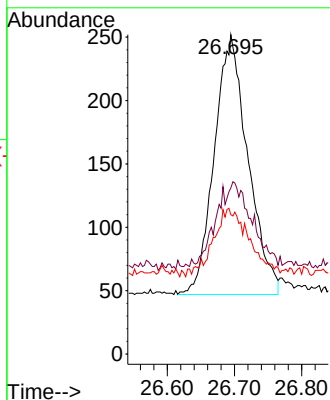
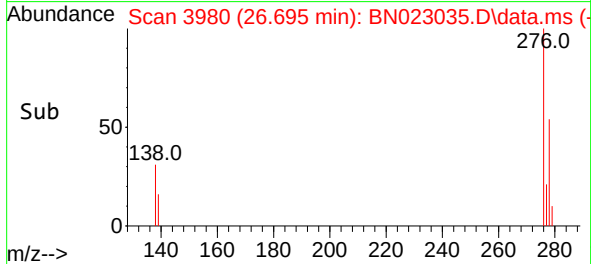
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



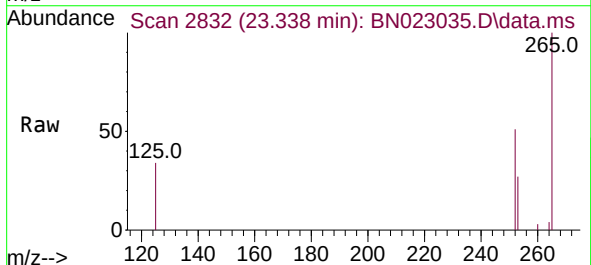
Tgt Ion: 276 Resp: 711
Ion Ratio Lower Upper
276 100
138 9.8 24.4 36.6#
277 24.6 19.9 29.9#

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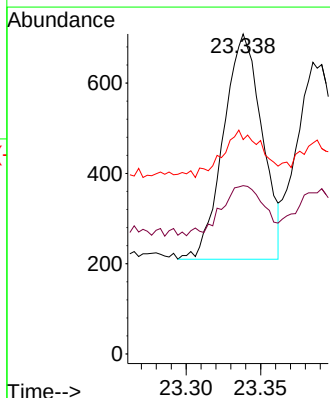
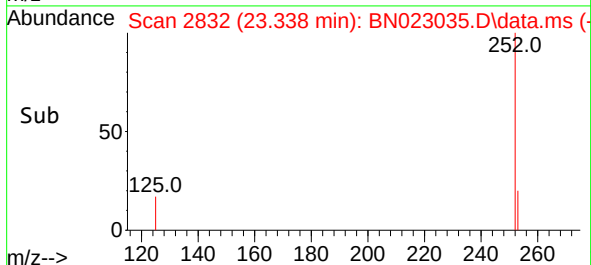
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : Jagrut Upadhyay 12/02/2022

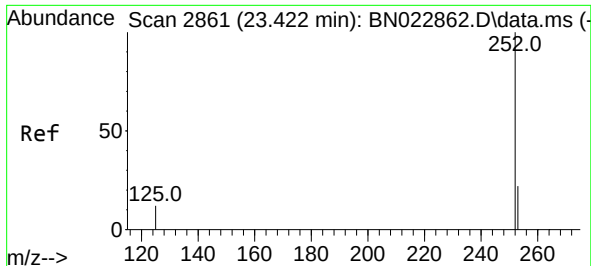


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.338 min Scan# 2832
Delta R.T. -0.002 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07



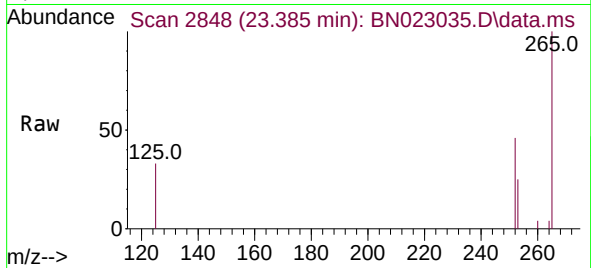
Tgt Ion: 252 Resp: 898
Ion Ratio Lower Upper
252 100
253 52.6 18.5 27.7#
125 67.0 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.033 ng m
RT: 23.385 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

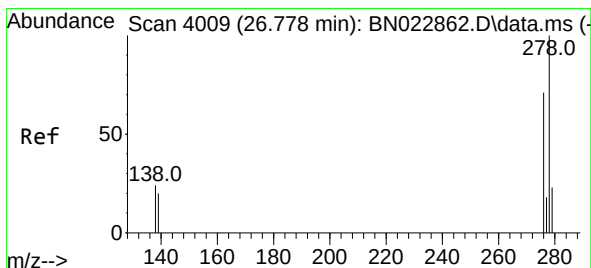
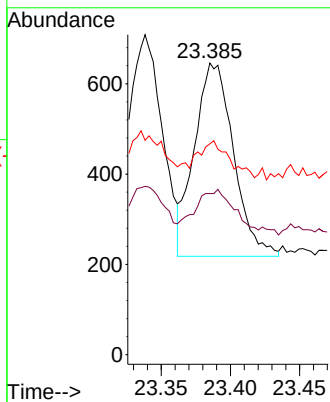
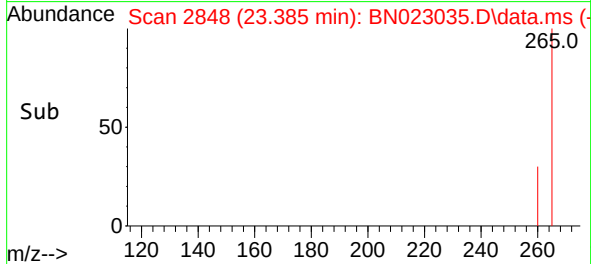
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:252 Resp: 842
Ion Ratio Lower Upper
252 100
253 55.3 18.6 27.8#
125 72.3 11.0 16.4#

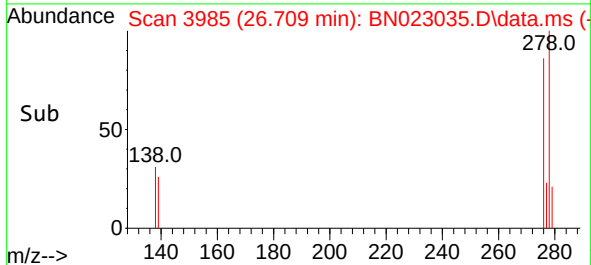
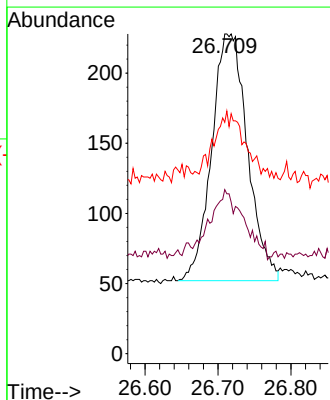
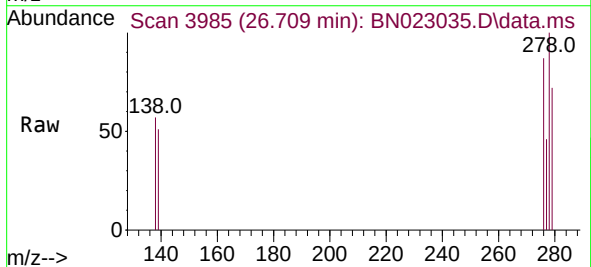
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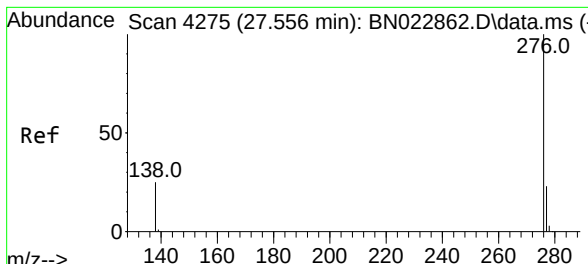
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 26.709 min Scan# 3985
Delta R.T. -0.008 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion:278 Resp: 599
Ion Ratio Lower Upper
278 100
139 51.3 17.4 26.0#
279 72.4 20.0 30.0#





#41

Benzo(g,h,i)perylene

Concen: 0.038 ng

RT: 27.493 min Scan# 41

Delta R.T. -0.002 min

Lab File: BN023035.D

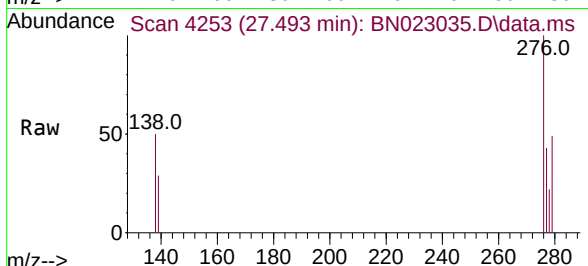
Acq: 02 Dec 2022 03:07

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20221121



Tgt Ion: 276 Resp: 69

Ion Ratio Lower Upper

276 100

277 42.7 19.7 29.5

138 50.2 21.4 32.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022

