

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024737.D
 Acq On : 03 Apr 2023 19:48
 Operator : CG/JU
 Sample : 02034-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

Quant Time: Apr 04 03:57:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8486	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	25387	0.400	ng	# 0.00
13) Acenaphthene-d10	14.633	164	14523	0.400	ng	0.00
19) Phenanthrene-d10	17.376	188	30734	0.400	ng	0.00
29) Chrysene-d12	21.565	240	22395	0.400	ng	# 0.00
35) Perylene-d12	24.053	264	17922	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.548	112	3880	0.201	ng	0.00
5) Phenol-d6	7.152	99	3449	0.142	ng	0.00
8) Nitrobenzene-d5	9.158	82	8367m	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	12256	0.377	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	4170	0.667	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	33988	0.600	ng	0.00
27) Fluoranthene-d10	19.404	212	28141	0.432	ng	0.00
31) Terphenyl-d14	19.998	244	31797	0.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	15301	1.746	ng	# 91
9) Naphthalene	10.855	128	1718	0.026	ng	# 80
12) 2-Methylnaphthalene	12.463	142	1522	0.035	ng	# 73
18) Fluorene	15.680	166	1376	0.024	ng	# 94
25) Phenanthrene	17.413	178	6036	0.068	ng	97
28) Fluoranthene	19.433	202	2662	0.028	ng	# 1
30) Pyrene	19.796	202	2527	0.027	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.466	149	13115	0.408	ng	# 96

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

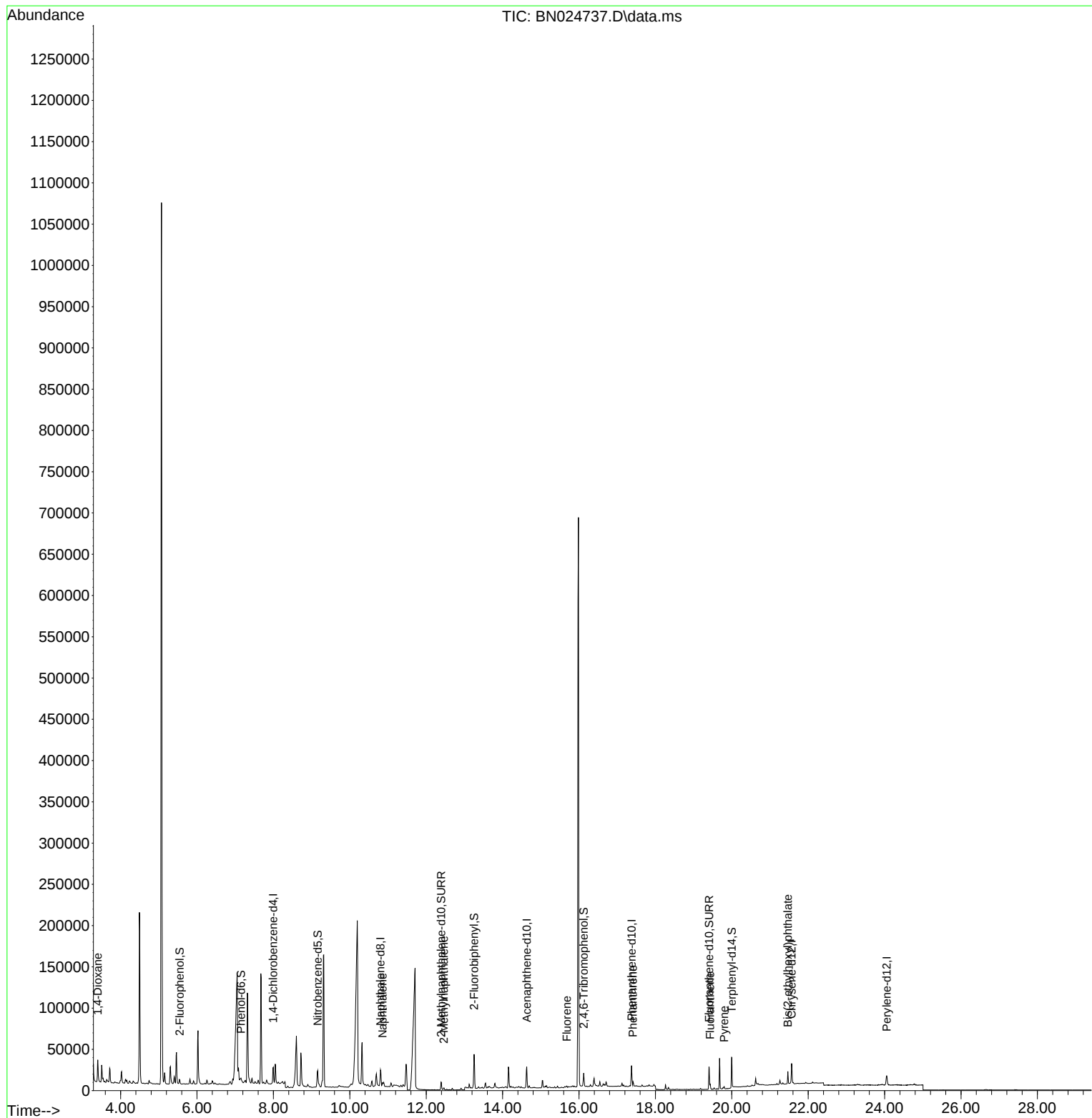
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024737.D
Acq On : 03 Apr 2023 19:48
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ALS Vial : 16 Sample Multiplier: 1

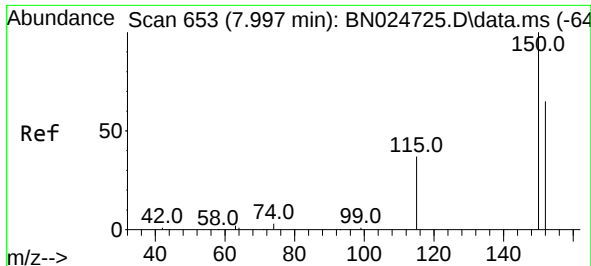
Instrument :
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GWCB-05-30-35-032123

Quant Time: Apr 04 03:57:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
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QLast Update : Tue Apr 04 03:11:39 2023
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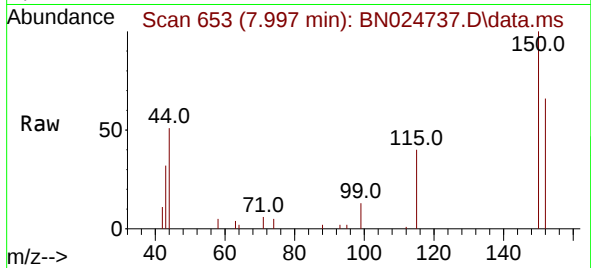
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

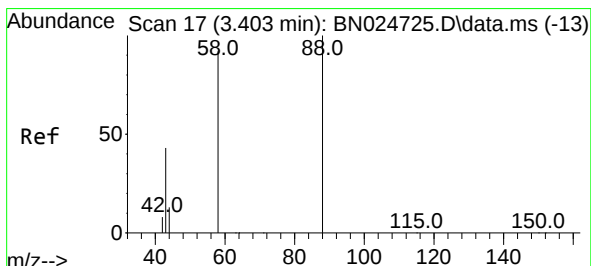
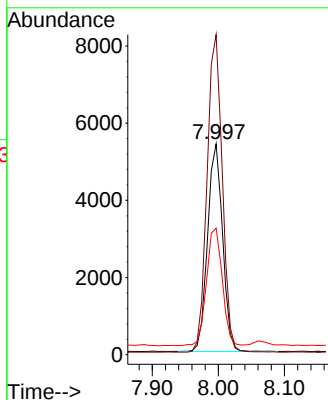
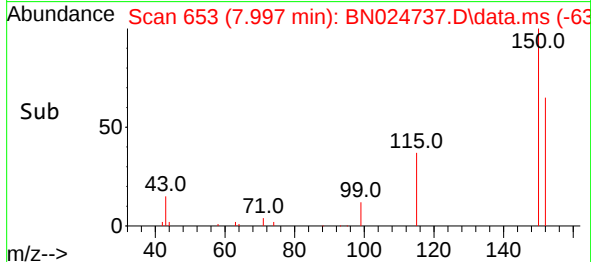
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123



Tgt Ion: 152 Resp: 8480
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.0 184.4
 115 60.1 48.7 73.1

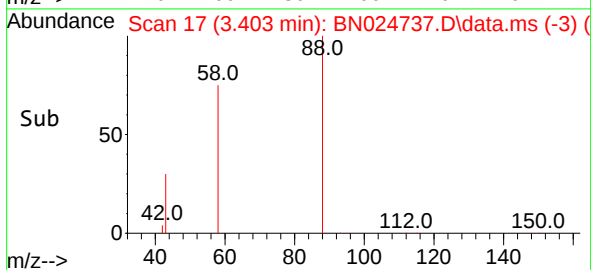
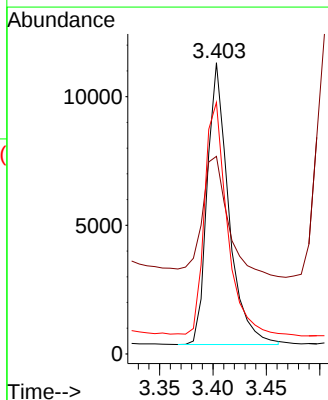
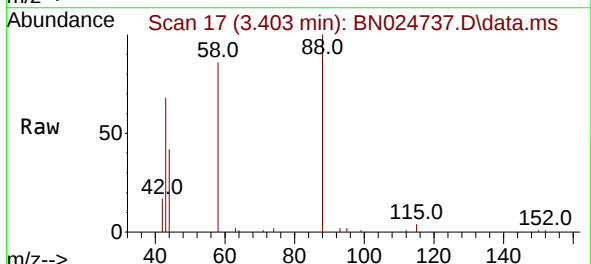
Manual Integrations
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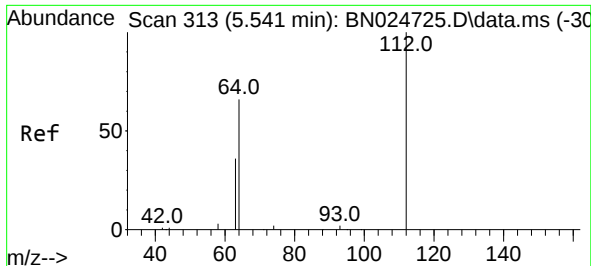
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023



#2
 1,4-Dioxane
 Concen: 1.746 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

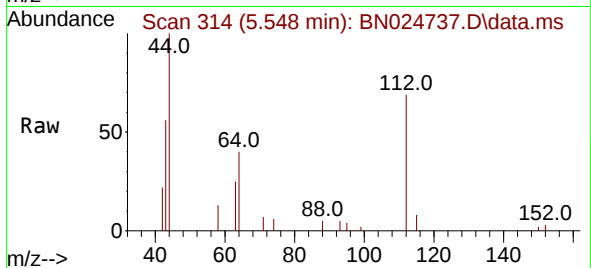
Tgt Ion: 88 Resp: 15301
 Ion Ratio Lower Upper
 88 100
 43 51.5 32.8 49.2#
 58 86.1 73.0 109.6





#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.548 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

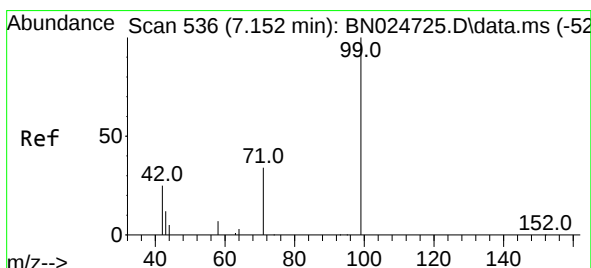
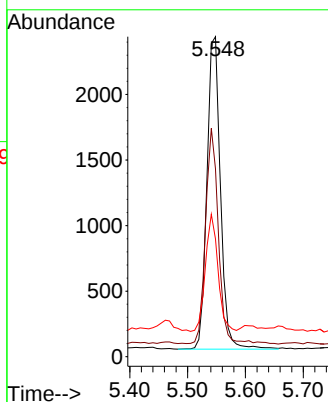
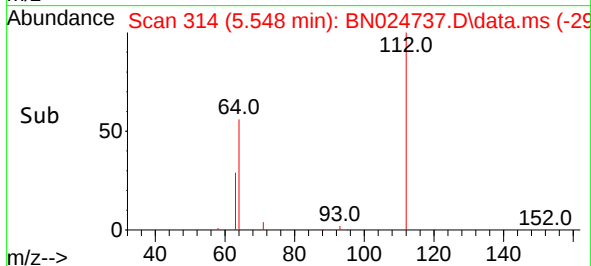
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion: 112 Resp: 3880
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 34.8 28.7 43.1

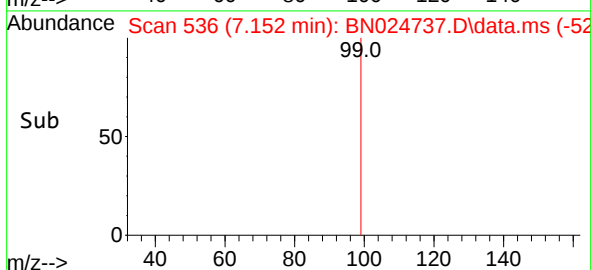
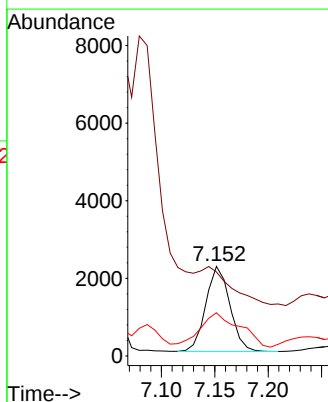
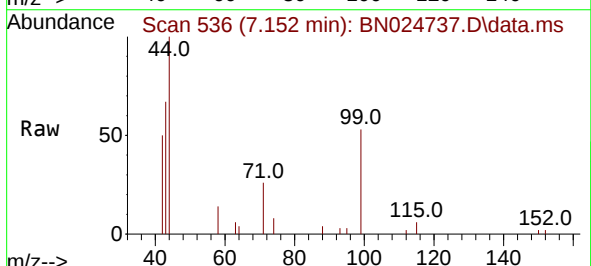
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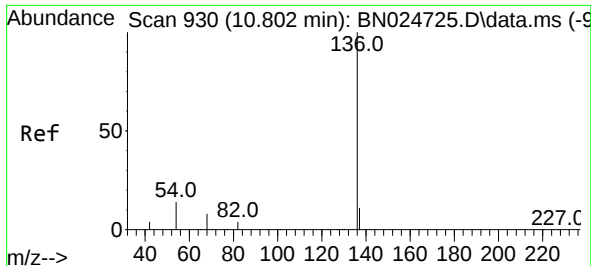
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#5
Phenol-d6
Concen: 0.142 ng
RT: 7.152 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

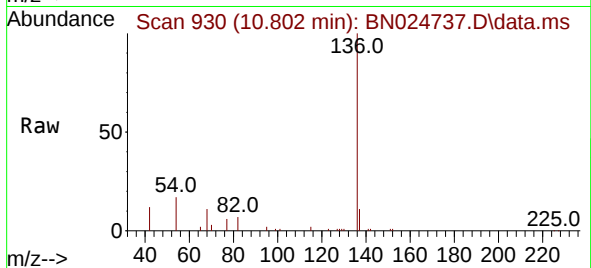
Tgt Ion: 99 Resp: 3449
Ion Ratio Lower Upper
99 100
42 0.0 23.7 35.5#
71 66.7 28.2 42.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

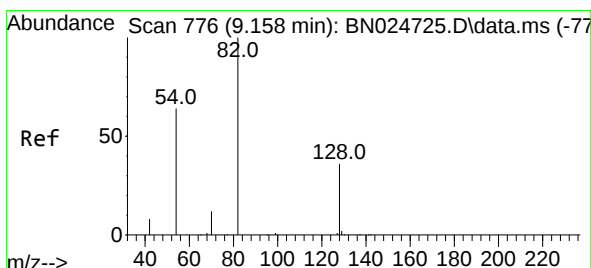
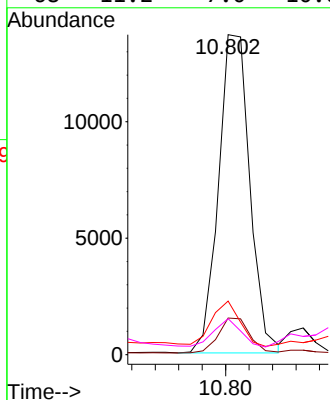
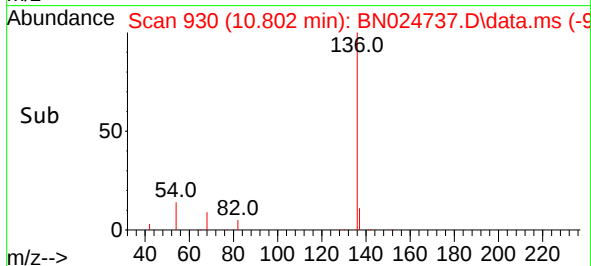
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	16.8	11.4	17.0
68	11.2	7.0	10.6

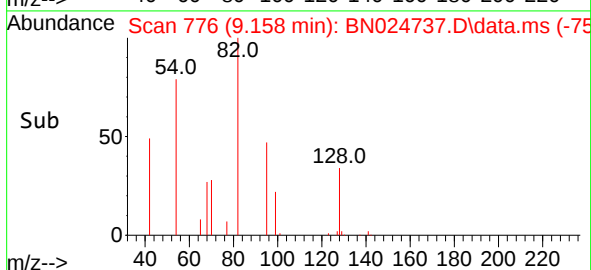
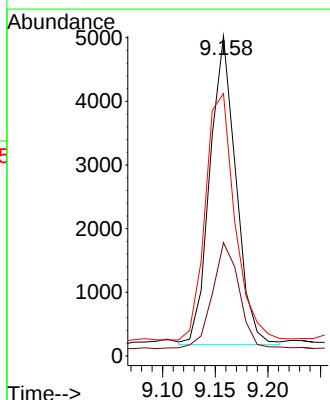
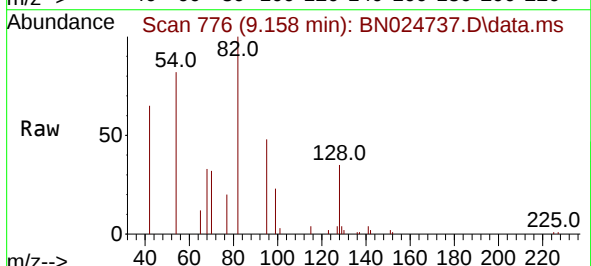
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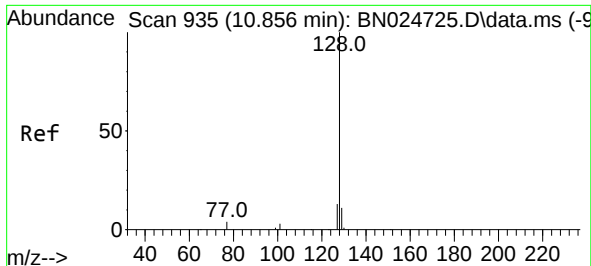
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#8
Nitrobenzene-d5
Concen: 0.422 ng m
RT: 9.158 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

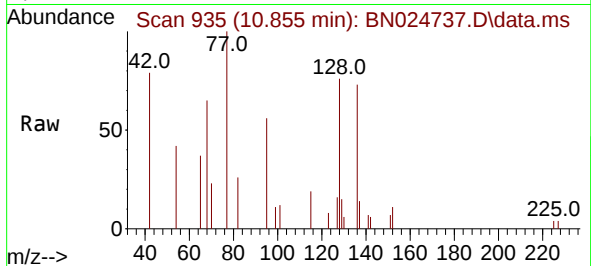
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.4	44.2
54	82.0	51.3	76.9





#9
Naphthalene
Concen: 0.026 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

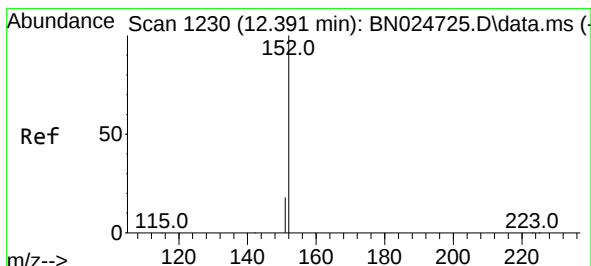
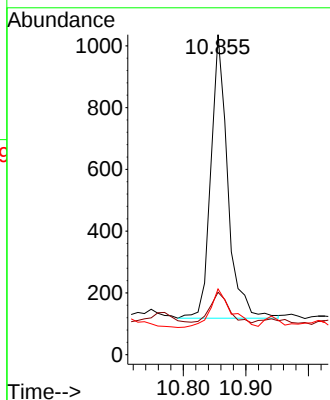
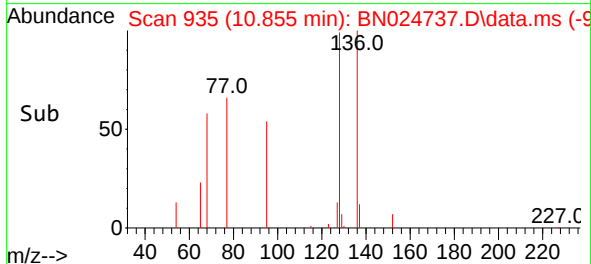
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion:128 Resp: 1718
Ion Ratio Lower Upper
128 100
129 19.5 9.0 13.6
127 20.6 10.6 15.8

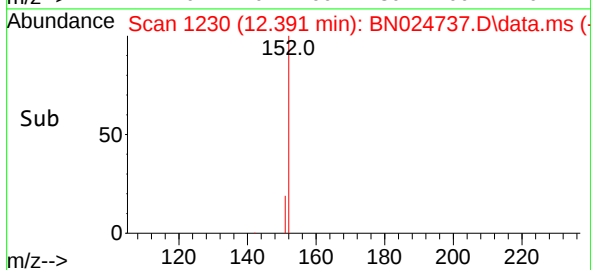
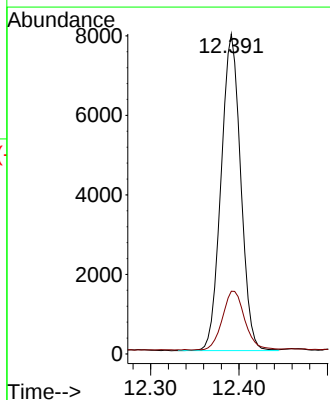
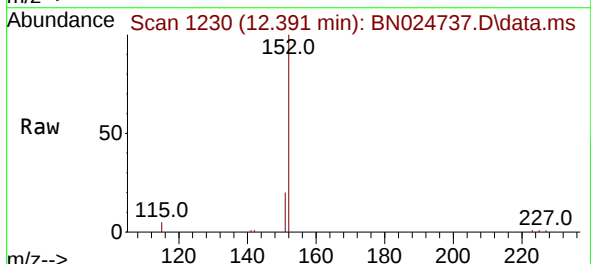
Manual Integrations
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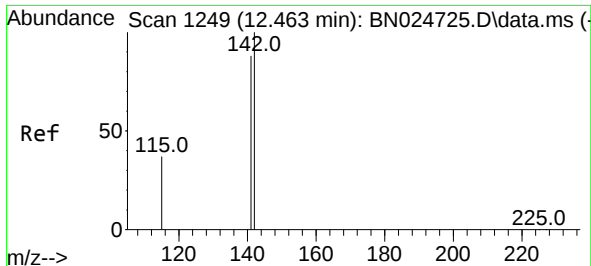
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.391 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

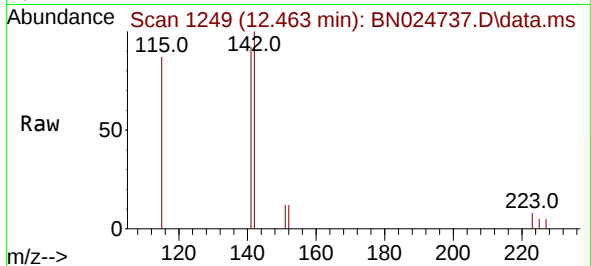
Tgt Ion:152 Resp: 12256
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0





#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.463 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

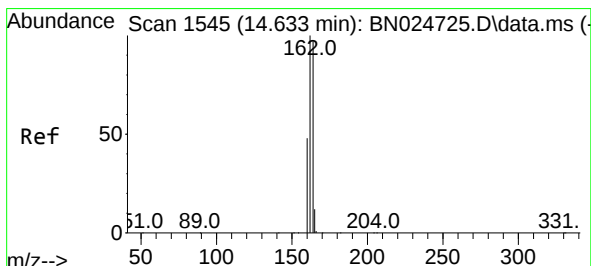
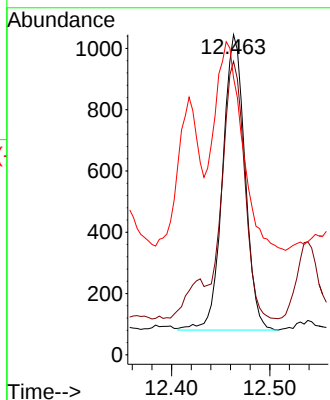
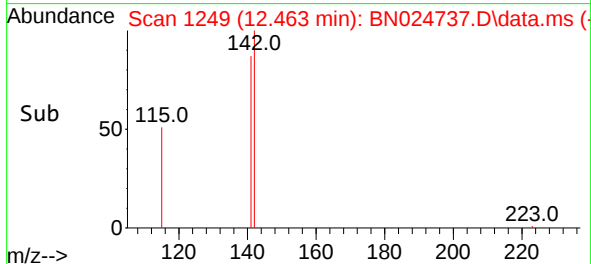
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



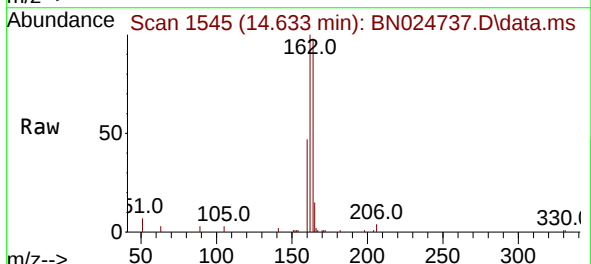
Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
141 91.7 70.5 105.7
115 86.5 30.9 46.3

Manual Integrations
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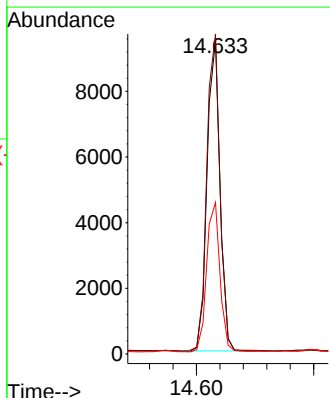
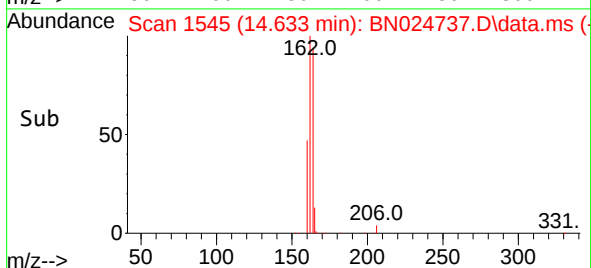
Reviewed By :Christian Giraldo 04/04/2023
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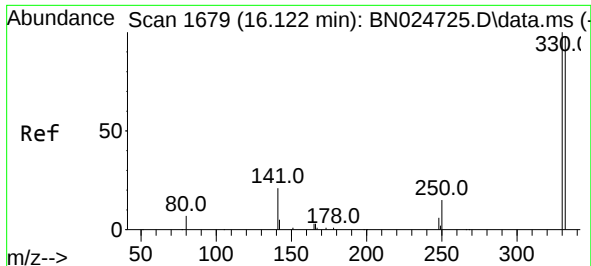


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.633 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48



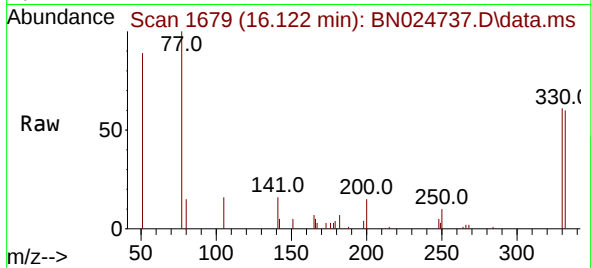
Tgt Ion:164 Resp: 14523
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.4
160 48.3 39.4 59.0





#14
2,4,6-Tribromophenol
Concen: 0.667 ng
RT: 16.122 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

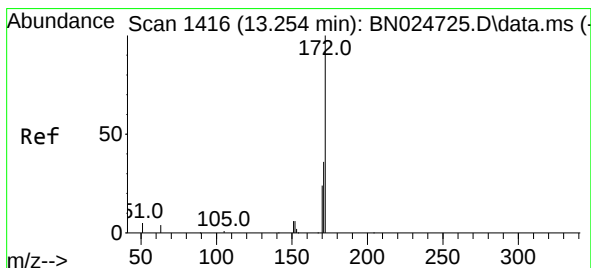
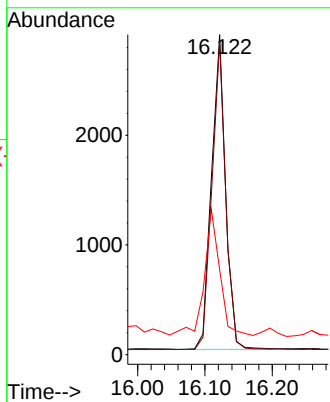
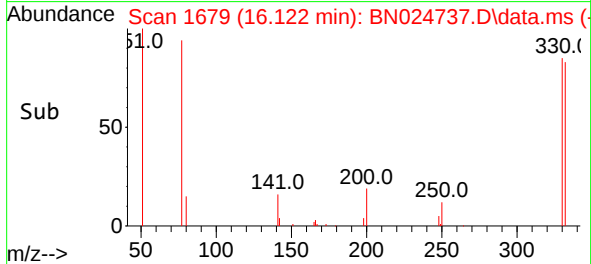
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion:330 Resp: 4170
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 44.1 29.6 44.4

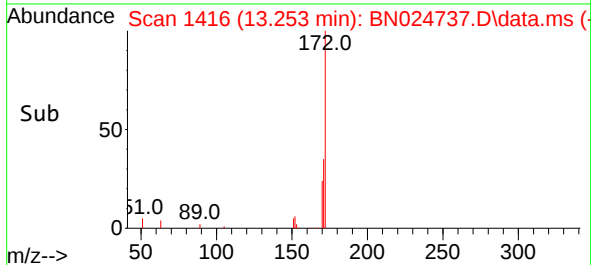
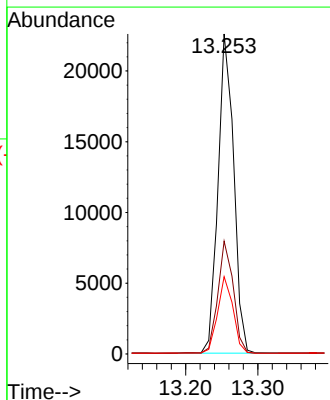
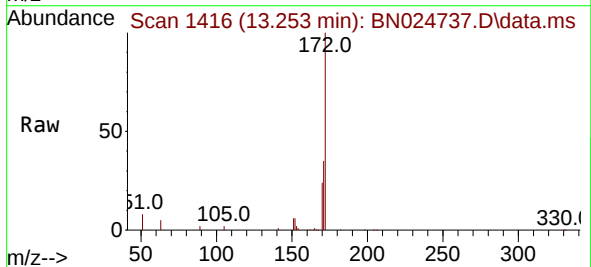
Manual Integrations
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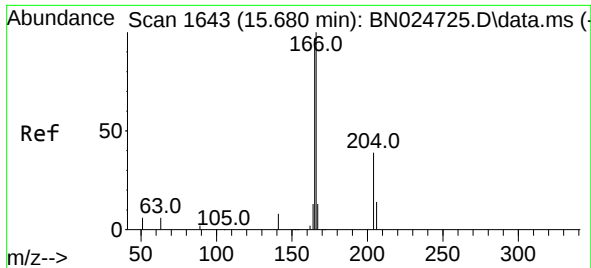
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#15
2-Fluorobiphenyl
Concen: 0.600 ng
RT: 13.253 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

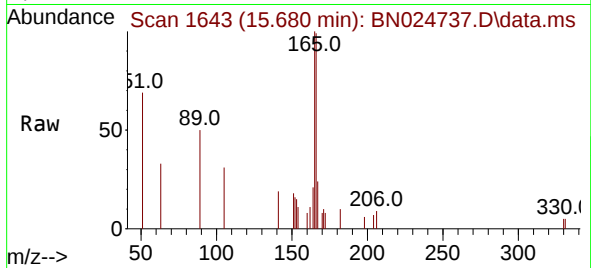
Tgt Ion:172 Resp: 33988
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.2 19.5 29.3





#18
Fluorene
Concen: 0.024 ng
RT: 15.680 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

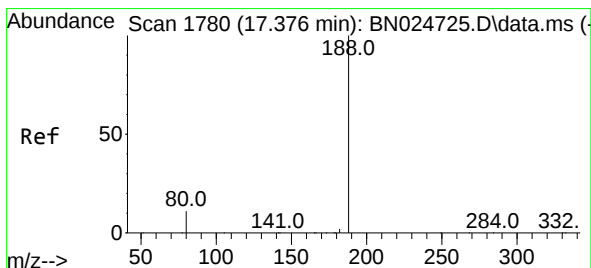
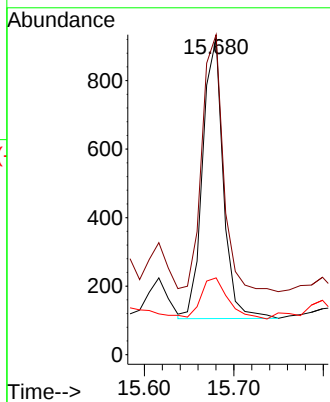
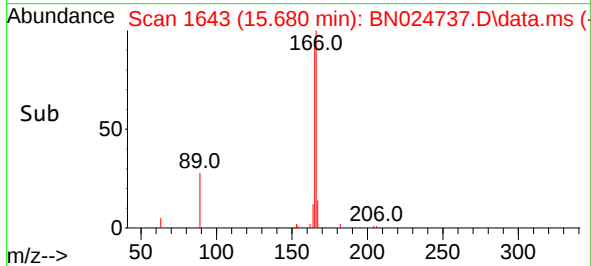
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion:166 Resp: 1370
Ion Ratio Lower Upper
166 100
165 94.5 79.1 118.7
167 19.3 10.6 16.0

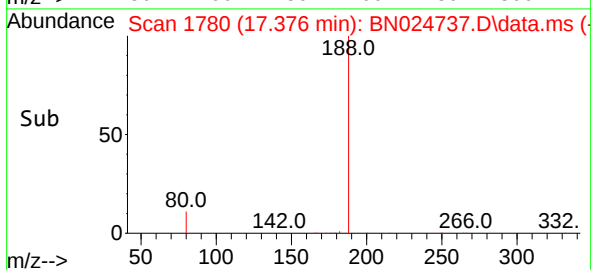
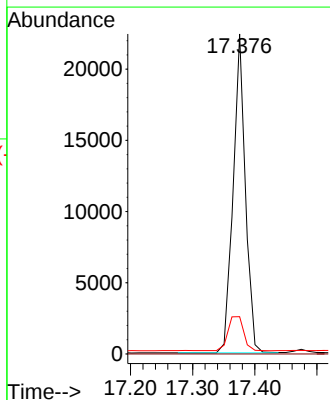
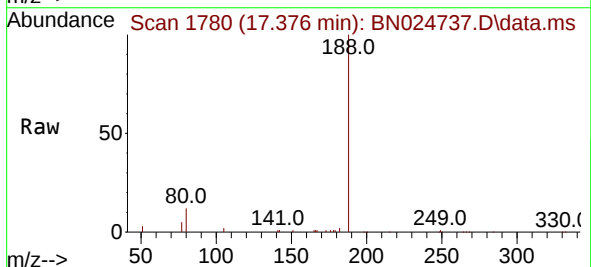
Manual Integrations
APPROVED

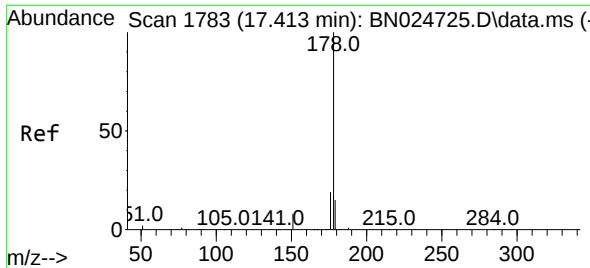
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.376 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

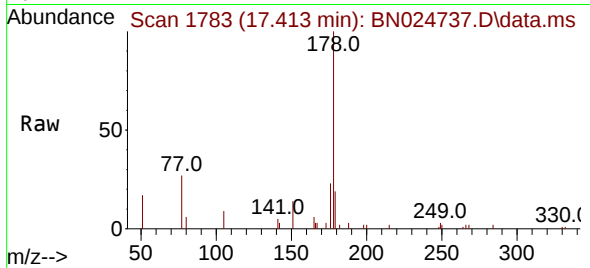
Tgt Ion:188 Resp: 30734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.2 13.8





#25
Phenanthrene
Concen: 0.068 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

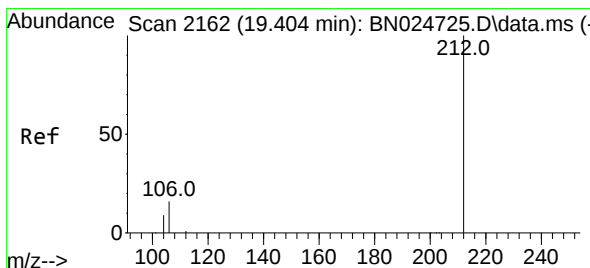
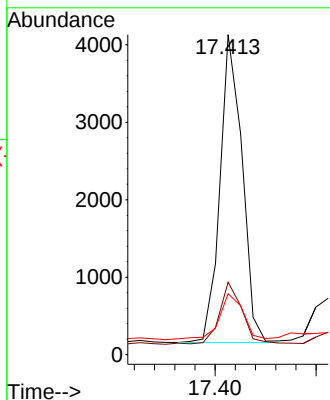
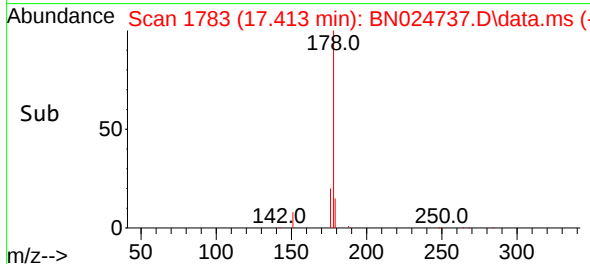
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



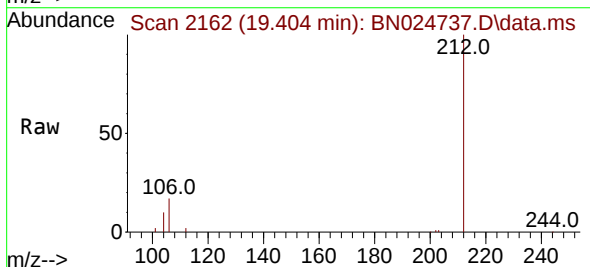
Tgt Ion:178 Resp: 6030
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.2
179 16.1 12.2 18.4

Manual Integrations
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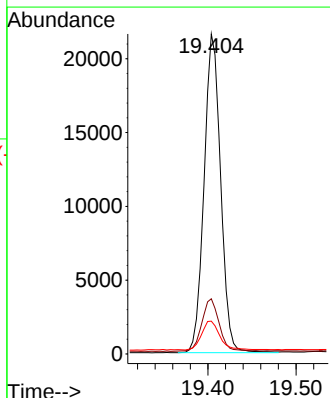
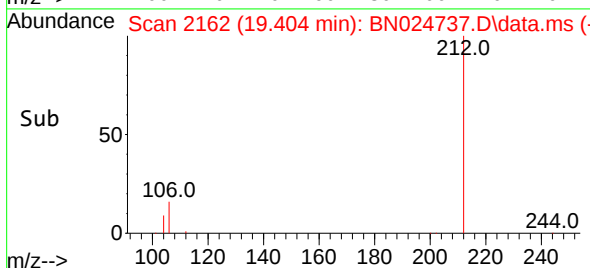
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

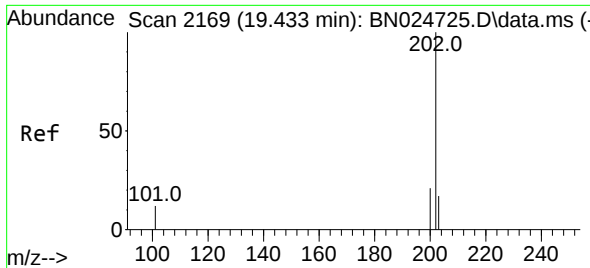


#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.404 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48



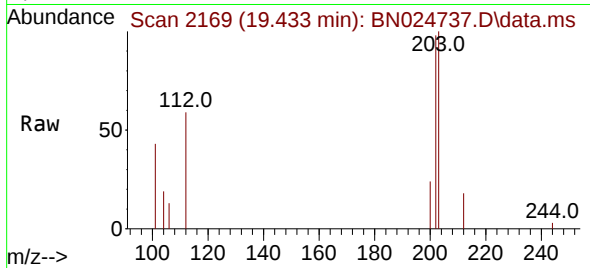
Tgt Ion:212 Resp: 28141
Ion Ratio Lower Upper
212 100
106 17.3 13.0 19.4
104 9.8 7.4 11.0





#28
Fluoranthene
Concen: 0.028 ng
RT: 19.433 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

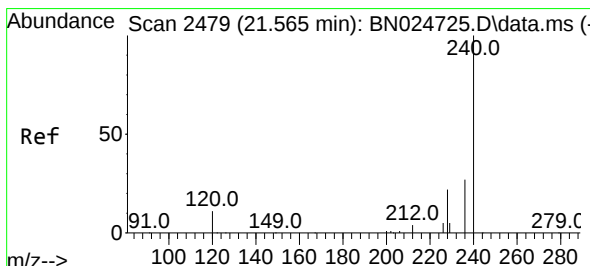
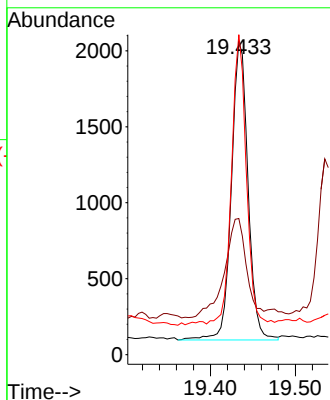
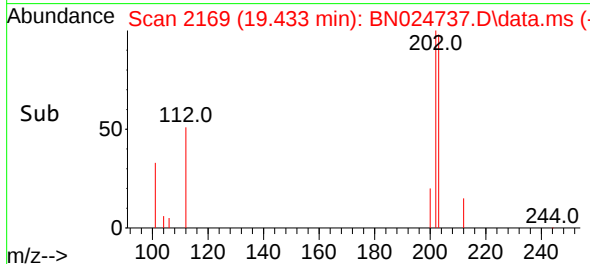
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



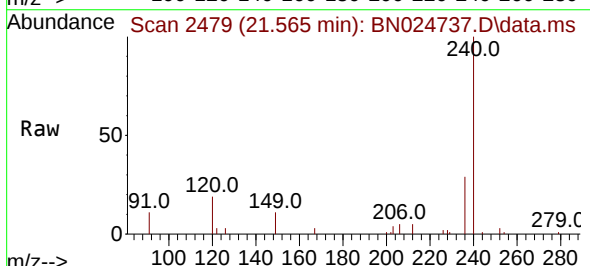
Tgt Ion:202 Resp: 2662
Ion Ratio Lower Upper
202 100
101 44.1 10.1 15.1
203 85.8 13.6 20.4

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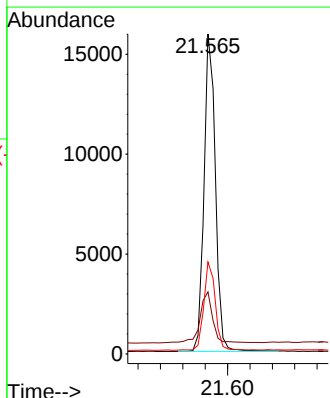
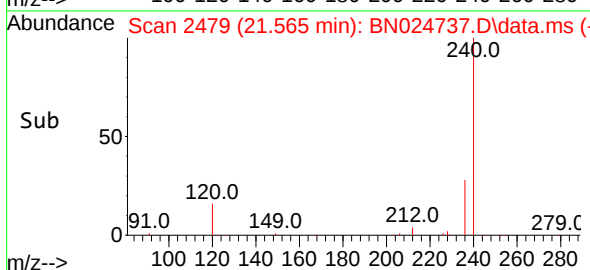
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

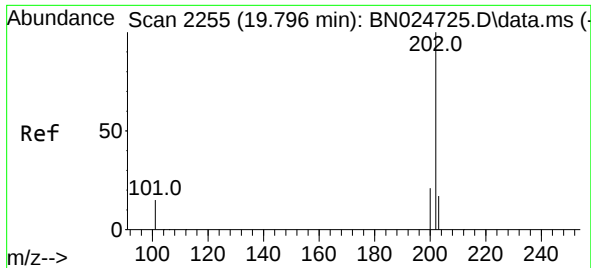


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.565 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48



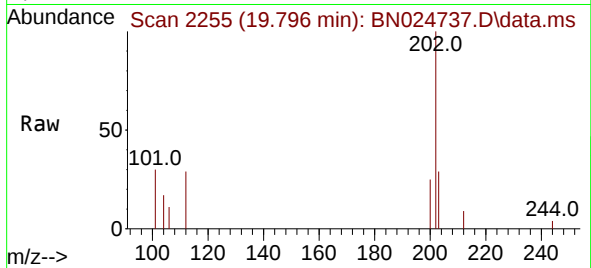
Tgt Ion:240 Resp: 22395
Ion Ratio Lower Upper
240 100
120 19.4 10.6 16.0
236 28.8 22.3 33.5





#30
Pyrene
Concen: 0.027 ng
RT: 19.796 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

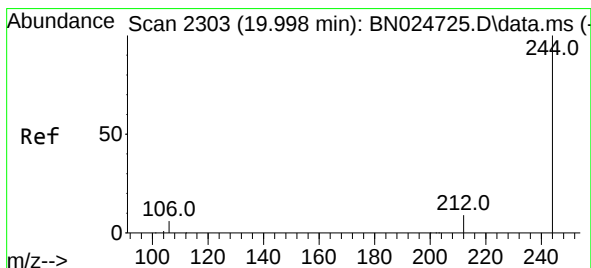
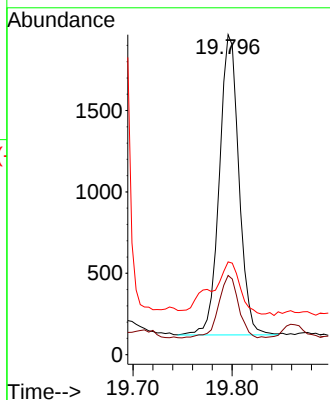
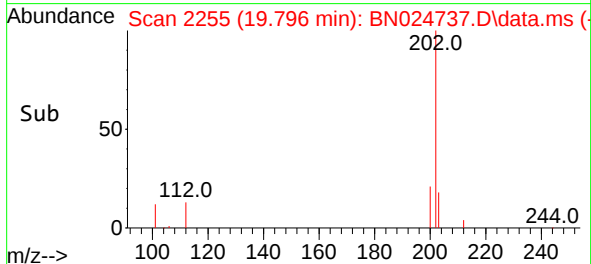
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



Tgt Ion:202 Resp: 252
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 25.6 14.2 21.2

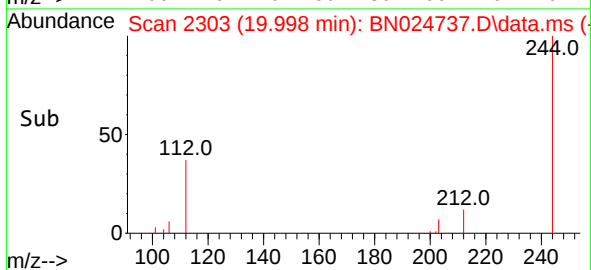
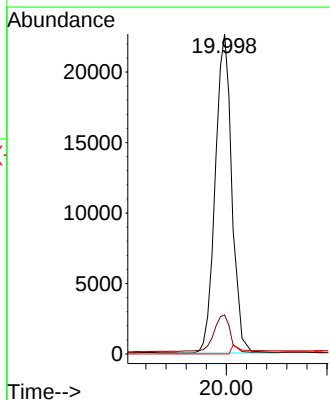
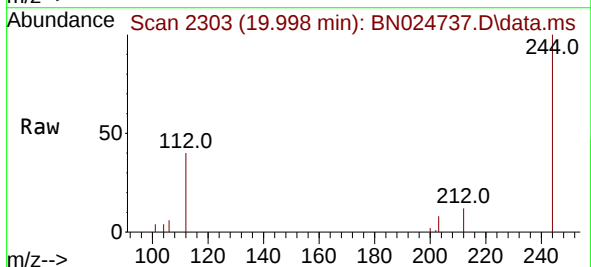
Manual Integrations
APPROVED

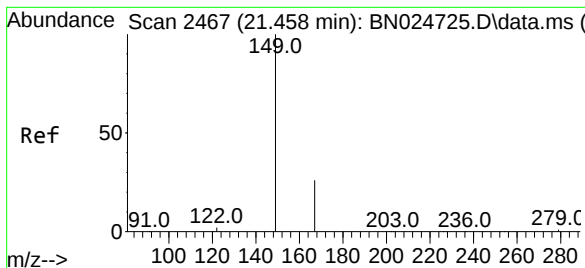
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.998 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

Tgt Ion:244 Resp: 31797
Ion Ratio Lower Upper
244 100
212 12.2 7.4 11.0#
122 0.0 0.0 0.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 21.466 min Scan# 2468

Delta R.T. 0.009 min

Lab File: BN024737.D

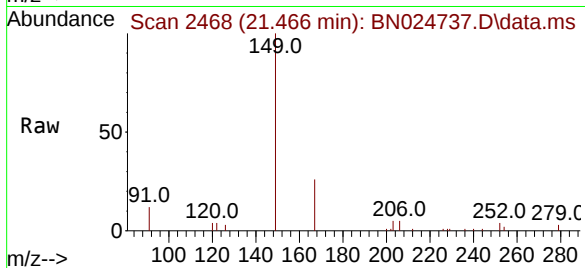
Acq: 03 Apr 2023 19:48

Instrument :

BNA_N

ClientSampleId :

GWCB-05-30-35-032123



Tgt Ion:149 Resp: 1311

Ion Ratio Lower Upper

149 100

167 28.2 21.0 31.6

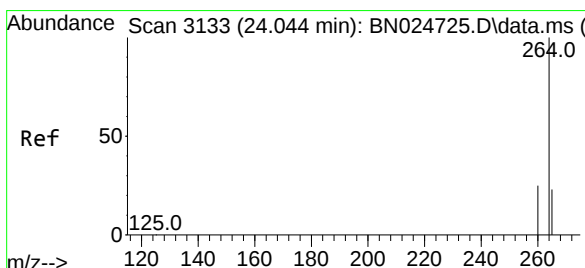
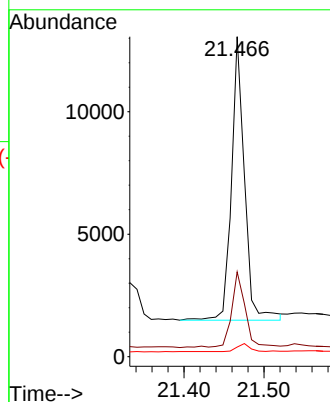
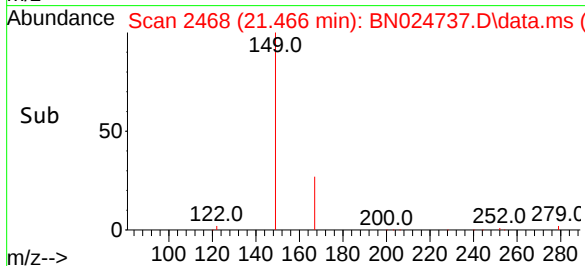
279 2.7 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/04/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.053 min Scan# 3136

Delta R.T. 0.009 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

Tgt Ion:264 Resp: 17922

Ion Ratio Lower Upper

264 100

260 26.1 20.6 31.0

265 73.0 62.5 93.7

