

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025857.D
 Acq On : 15 Jun 2023 14:28
 Operator : MA/JU
 Sample : 03123-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825

Quant Time: Jun 16 01:45:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6050	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	16622	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	9700	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	19581	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	16953	0.400	ng	0.00
35) Perylene-d12	24.042	264	17336	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	634	0.037	ng	0.01
5) Phenol-d6	7.160	99	549	0.026	ng	0.00
8) Nitrobenzene-d5	9.170	82	2103	0.136	ng	0.01
11) 2-Methylnaphthalene-d10	12.396	152	4438	0.185	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	227	0.076	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	4892	0.119	ng	0.00
27) Fluoranthene-d10	19.407	212	3014	0.075	ng	0.00
31) Terphenyl-d14	19.997	244	3245	0.079	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.867	128	1318	0.027	ng	# 59
25) Phenanthrene	17.418	178	1279	0.021	ng	95
32) Benzo(a)anthracene	21.542	228	4025	0.061	ng	# 88
33) Chrysene	21.605	228	5428	0.078	ng	96
34) Bis(2-ethylhexyl)phtha...	21.453	149	24790	0.636	ng	100
36) Indeno(1,2,3-cd)pyrene	26.650	276	4111	0.055	ng	# 82
37) Benzo(b)fluoranthene	23.282	252	9667	0.141	ng	# 74
38) Benzo(k)fluoranthene	23.338	252	8723m	0.125	ng	
39) Benzo(a)pyrene	23.931	252	4339	0.067	ng	# 35
40) Dibenzo(a,h)anthracene	26.671	278	2722	0.045	ng	# 47
41) Benzo(g,h,i)perylene	27.437	276	4058	0.060	ng	# 83

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

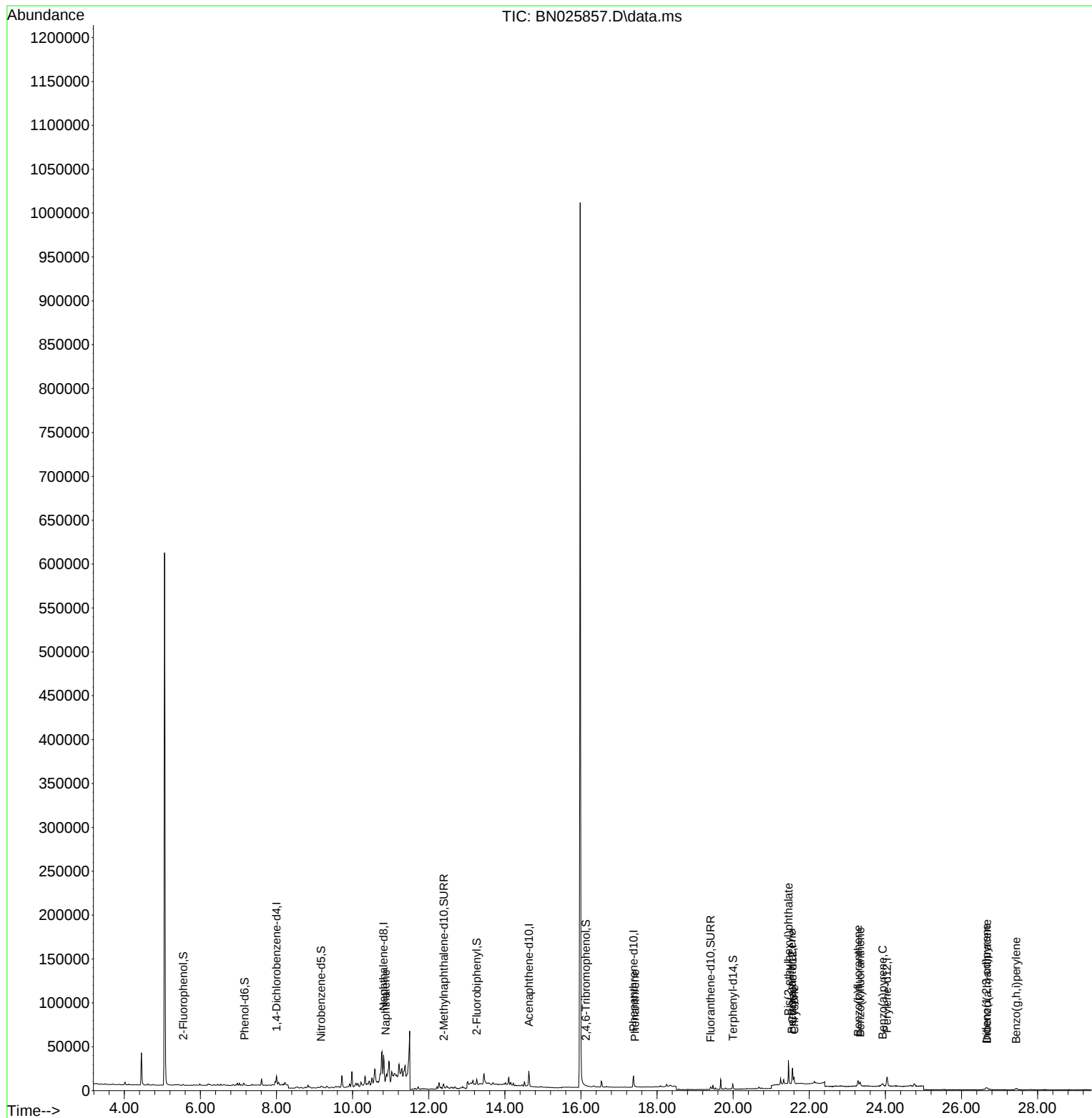
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025857.D
Acq On : 15 Jun 2023 14:28
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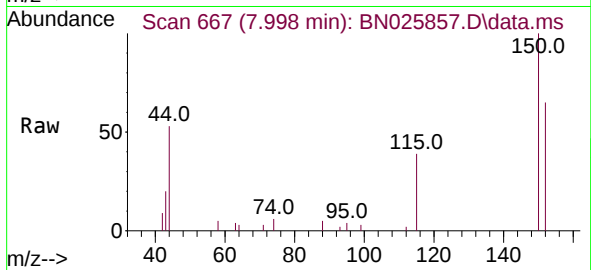
Quant Time: Jun 16 01:45:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

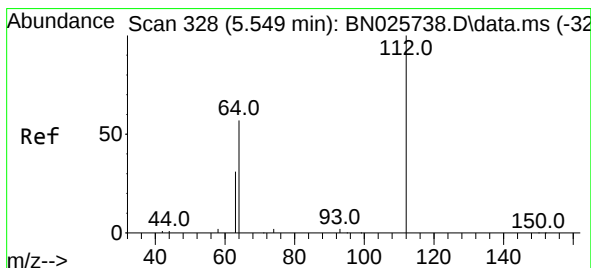
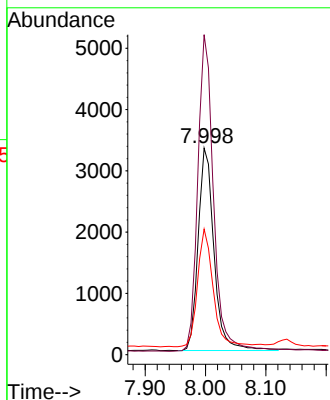
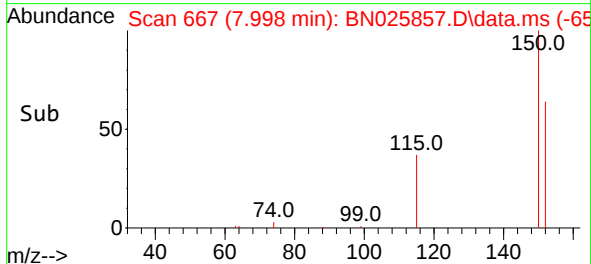
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:152 Resp: 6050
Ion Ratio Lower Upper
152 100
150 154.9 121.5 182.3
115 60.8 47.7 71.5

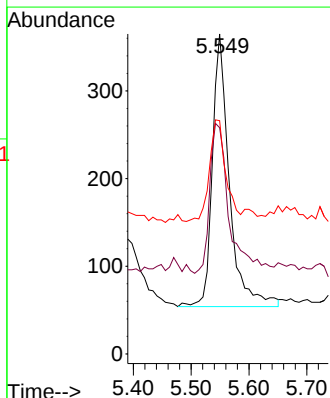
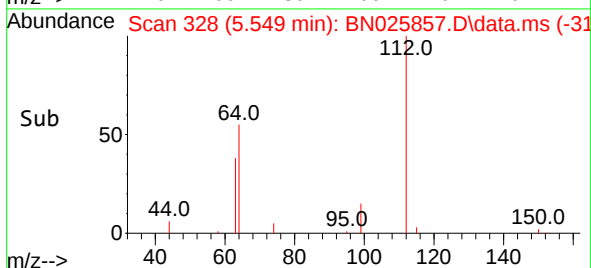
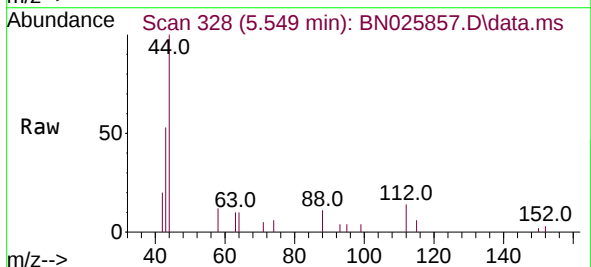
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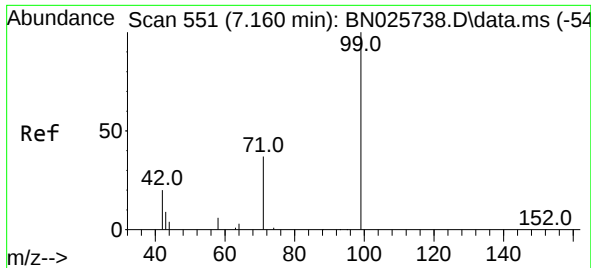
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.549 min Scan# 328
Delta R.T. 0.014 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

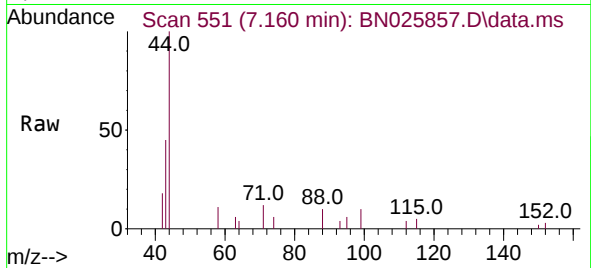
Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
64 63.2 47.5 71.3
63 36.0 26.2 39.4





#5
Phenol-d6
Concen: 0.026 ng
RT: 7.160 min Scan# 551
Delta R.T. 0.007 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

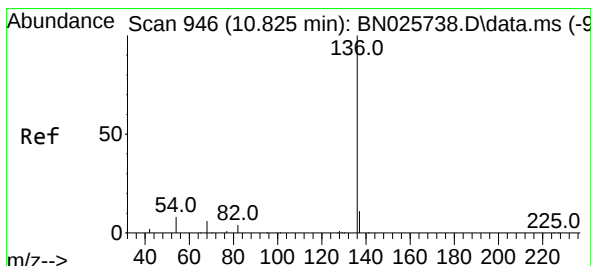
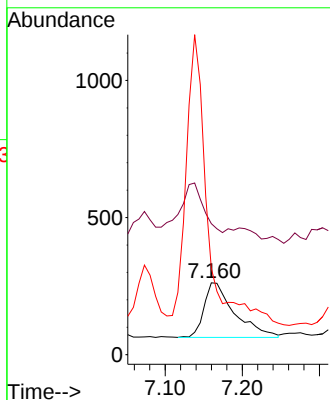
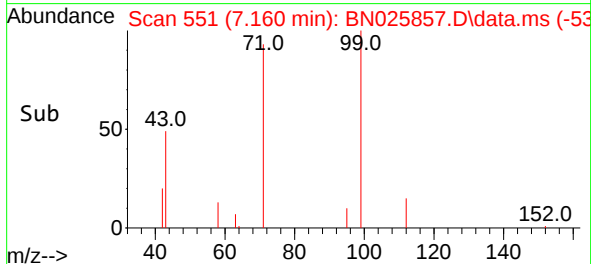
Instrument :
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ClientSampleId :
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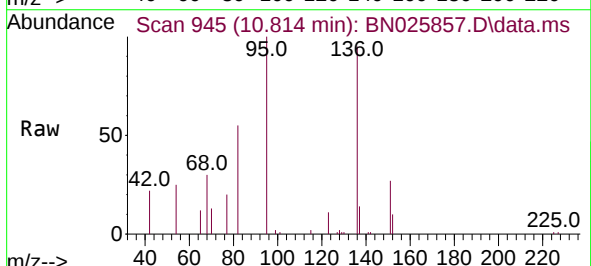
Tgt Ion: 99 Resp: 549
Ion Ratio Lower Upper
99 100
42 0.0 18.6 28.0#
71 0.0 30.5 45.7#

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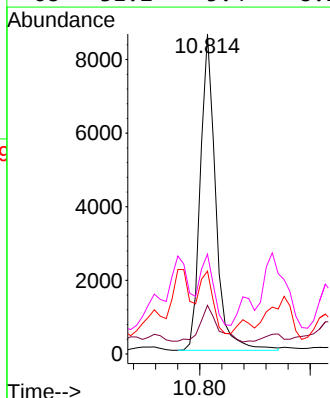
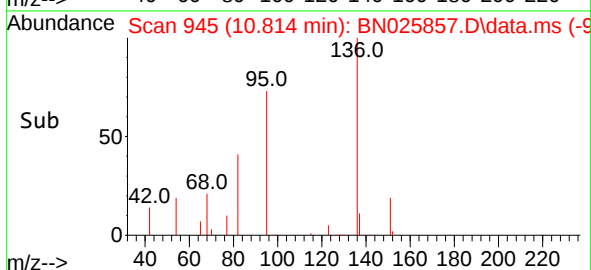
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

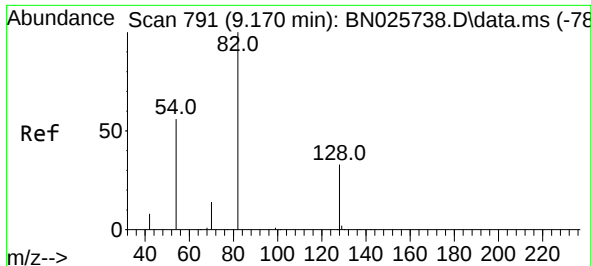


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28



Tgt Ion:136 Resp: 16622
Ion Ratio Lower Upper
136 100
137 15.2 9.3 13.9#
54 25.9 7.2 10.8#
68 31.2 5.4 8.2#





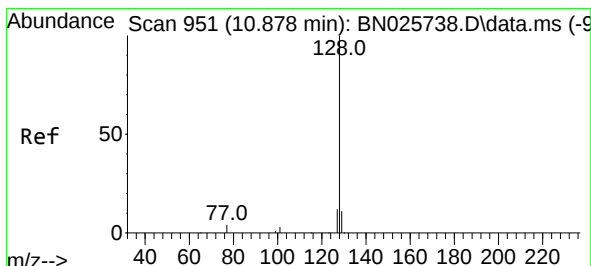
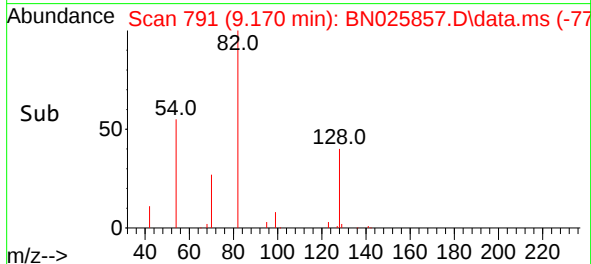
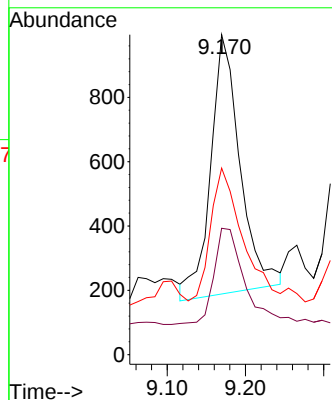
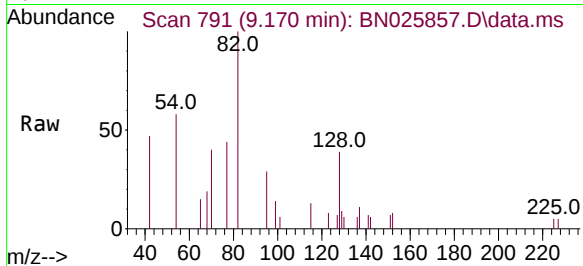
#8
Nitrobenzene-d5
Concen: 0.136 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

Tgt Ion: 82 Resp: 210
Ion Ratio Lower Upper
82 100
128 39.5 27.6 41.4
54 58.3 45.7 68.5

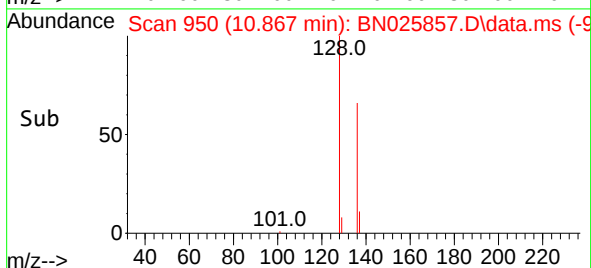
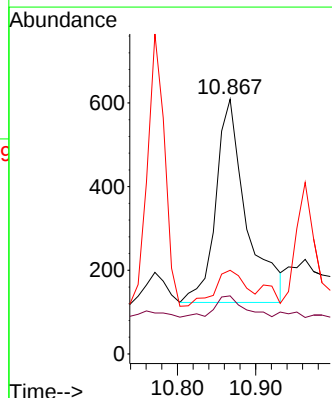
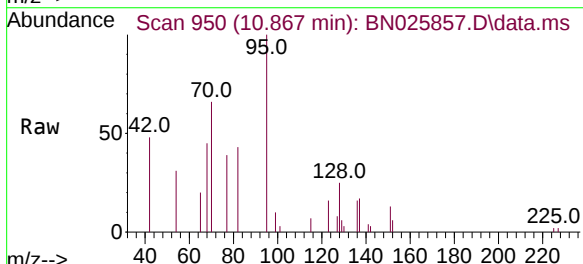
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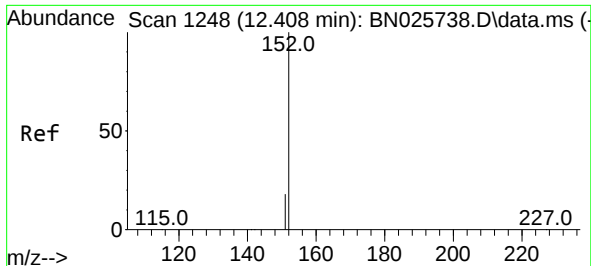
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#9
Naphthalene
Concen: 0.027 ng
RT: 10.867 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

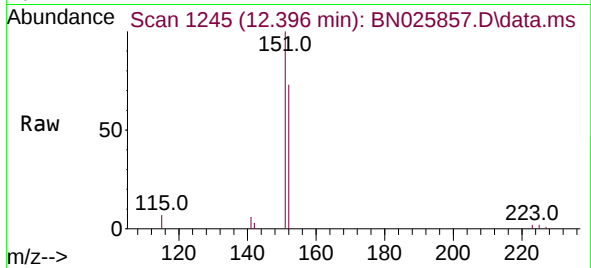
Tgt Ion:128 Resp: 1318
Ion Ratio Lower Upper
128 100
129 22.8 9.1 13.7#
127 32.8 10.3 15.5#





#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 12.396 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

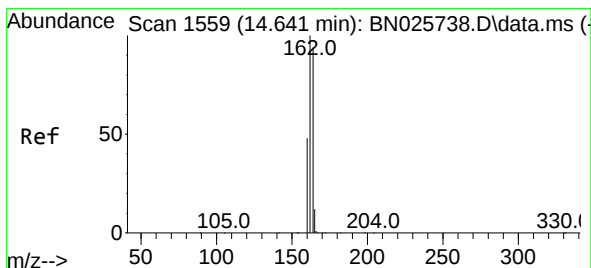
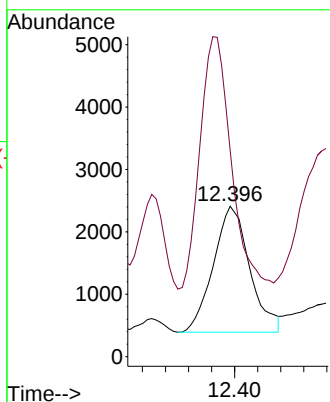
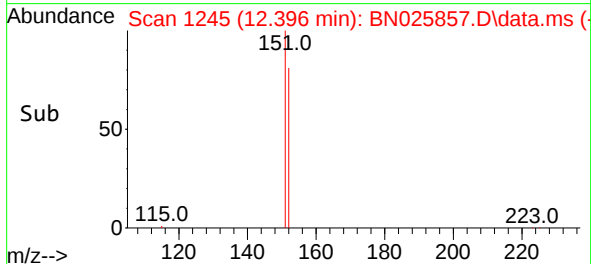
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



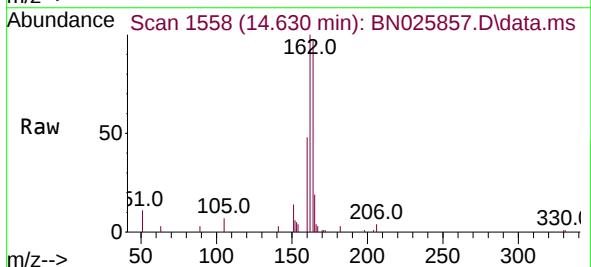
Tgt Ion:152 Resp: 4438
Ion Ratio Lower Upper
152 100
151 171.0 16.4 24.6

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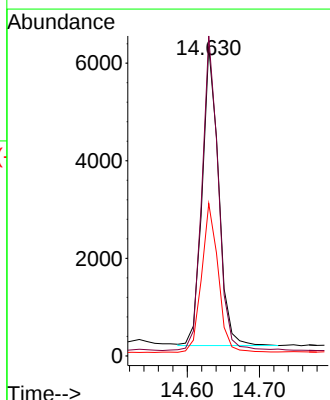
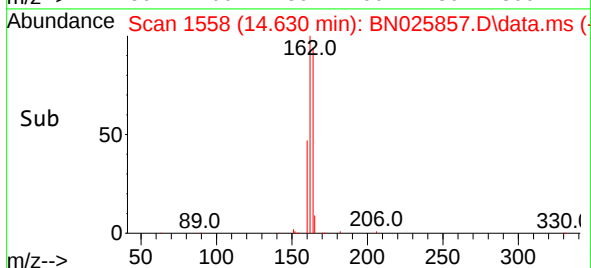
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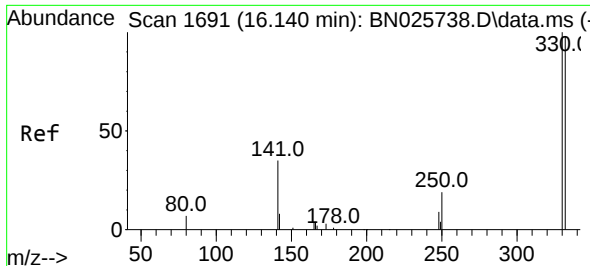


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28



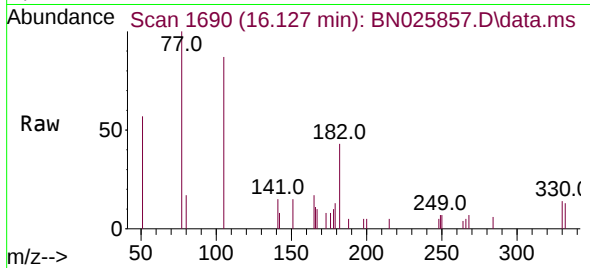
Tgt Ion:164 Resp: 9700
Ion Ratio Lower Upper
164 100
162 103.5 85.0 127.6
160 49.3 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

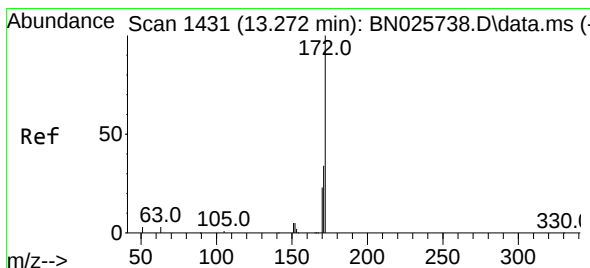
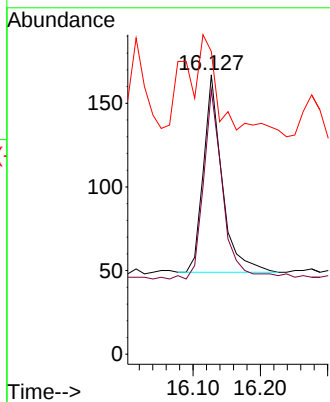
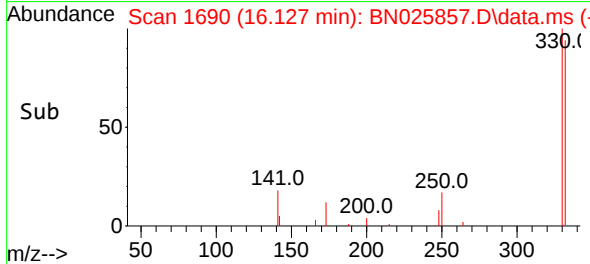
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 36.1 55.0 82.6

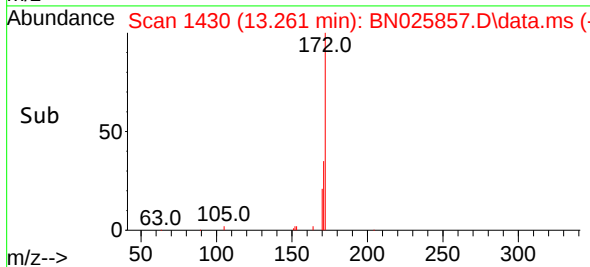
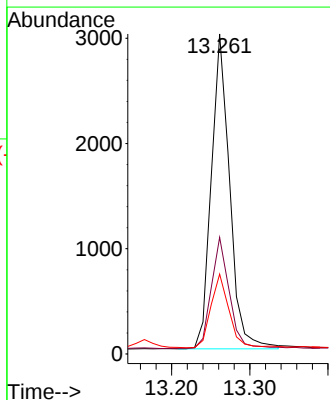
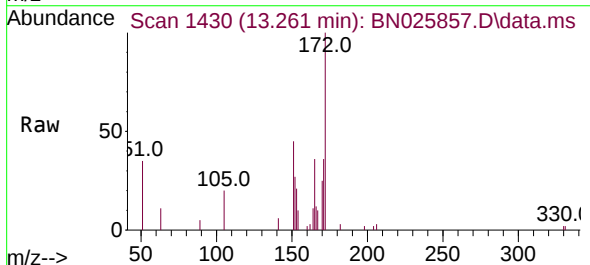
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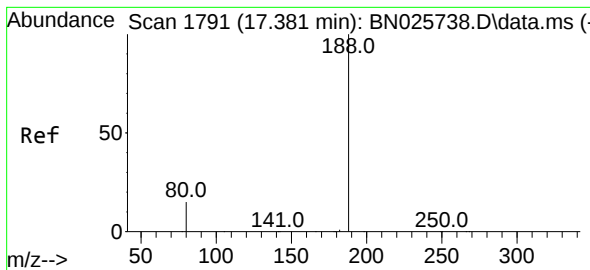
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#15
2-Fluorobiphenyl
Concen: 0.119 ng
RT: 13.261 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

Tgt Ion:172 Resp: 4892
Ion Ratio Lower Upper
172 100
171 36.5 27.3 40.9
170 25.0 18.6 28.0





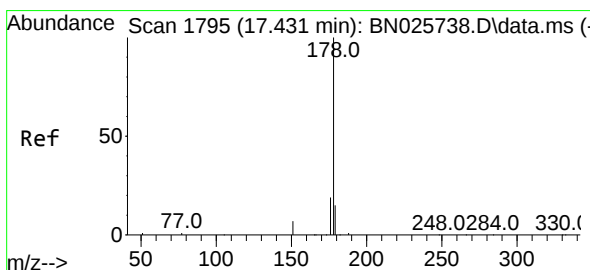
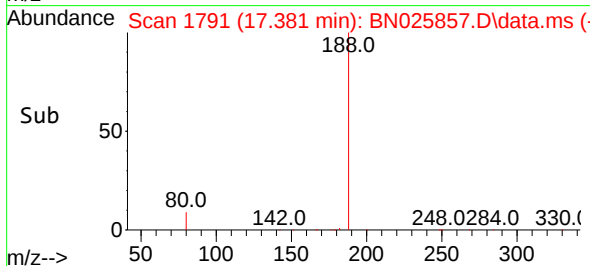
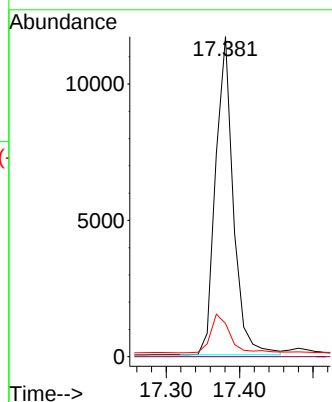
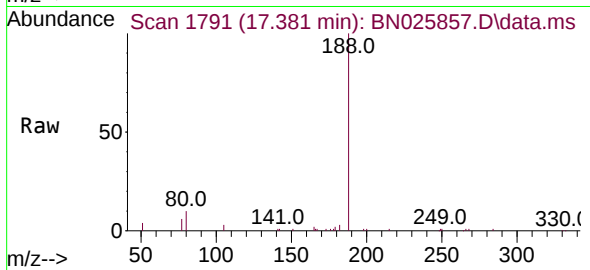
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

Instrument : BNA_N
ClientSampleId : BP-VPB-RW11-GW-823-825

Tgt Ion:188 Resp: 1958
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 12.1 18.1

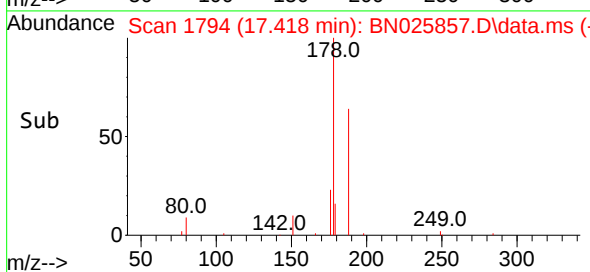
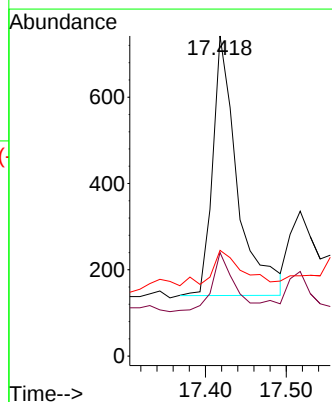
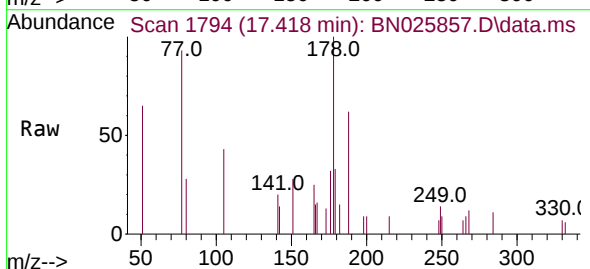
Manual Integrations
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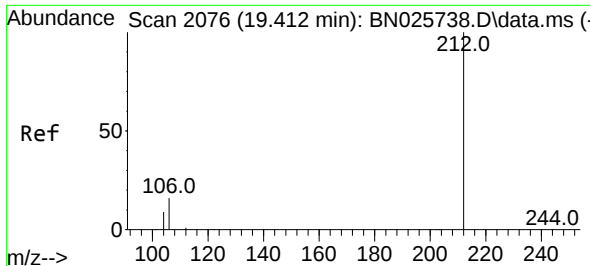
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.418 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

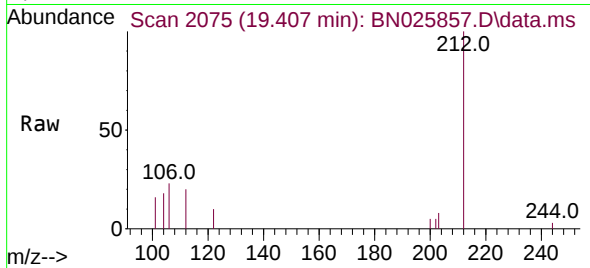
Tgt Ion:178 Resp: 1279
Ion Ratio Lower Upper
178 100
176 21.3 15.7 23.5
179 17.7 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.075 ng
RT: 19.407 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

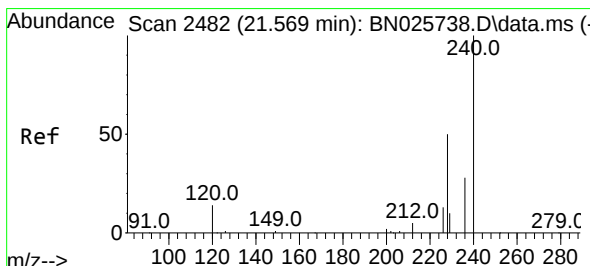
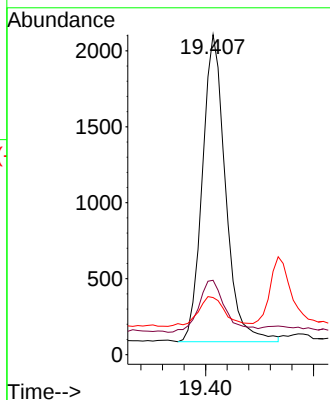
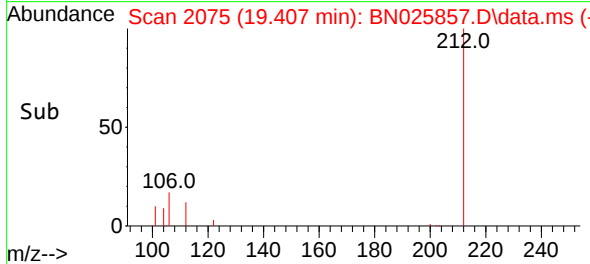
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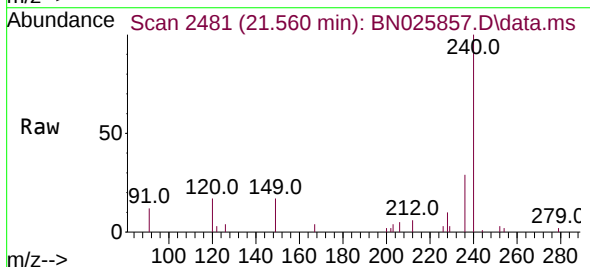
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Ion Ratio Lower Upper
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106 19.3 13.0 19.6
104 11.3 7.7 11.5

Manual Integrations
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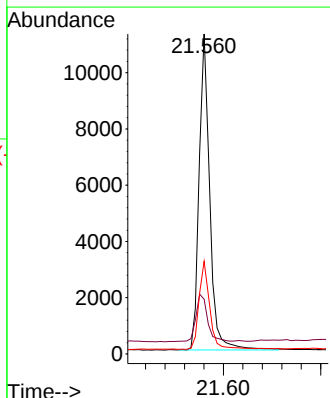
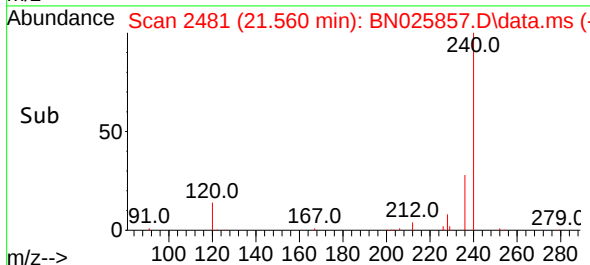
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

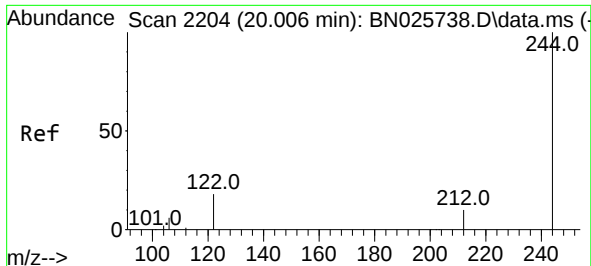


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28



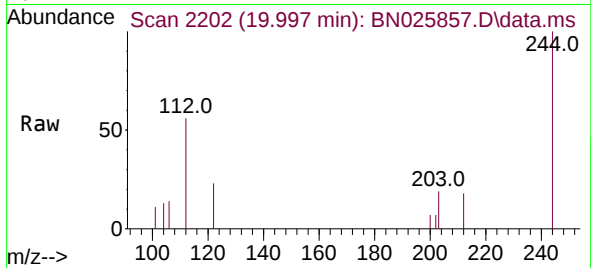
Tgt Ion:240 Resp: 16953
Ion Ratio Lower Upper
240 100
120 17.1 13.2 19.8
236 28.9 23.1 34.7





#31
Terphenyl-d14
Concen: 0.079 ng
RT: 19.997 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

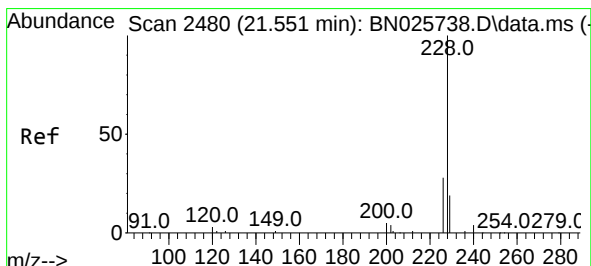
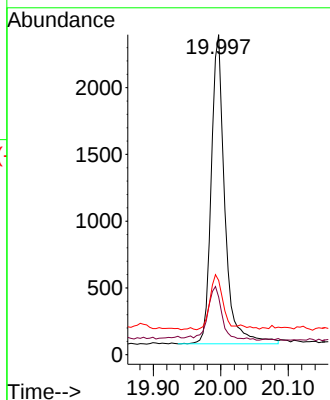
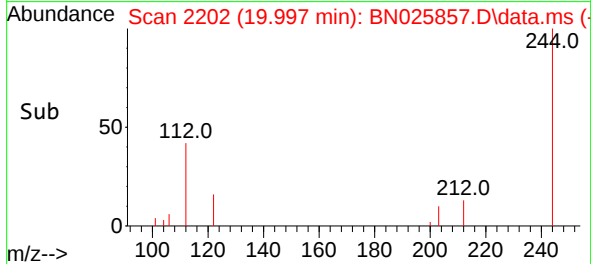
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:244 Resp: 324
Ion Ratio Lower Upper
244 100
212 18.0 8.6 12.8
122 23.2 15.2 22.8

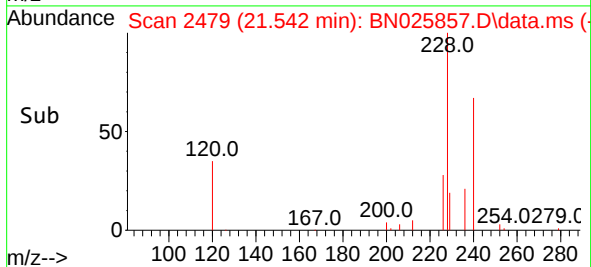
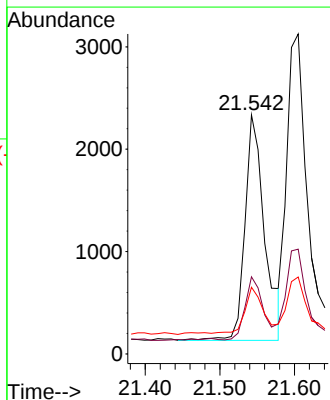
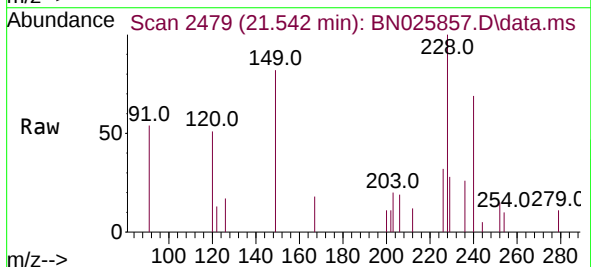
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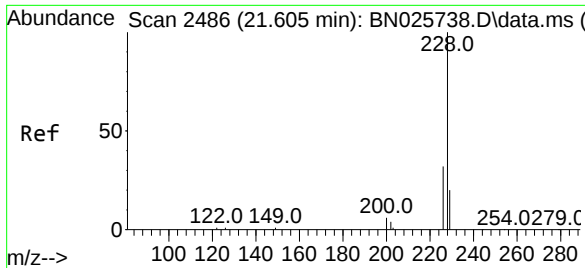
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.542 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

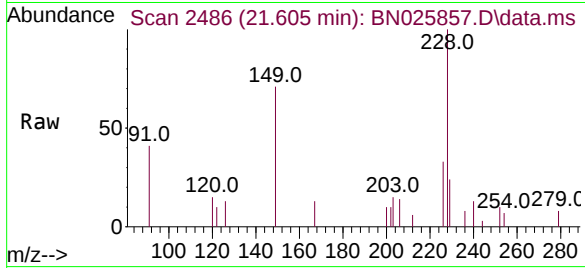
Tgt Ion:228 Resp: 4025
Ion Ratio Lower Upper
228 100
226 32.3 22.9 34.3
229 27.9 15.6 23.4





#33
Chrysene
Concen: 0.078 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

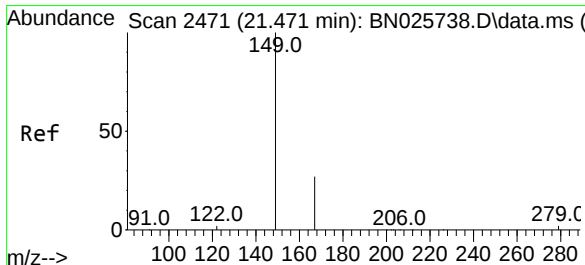
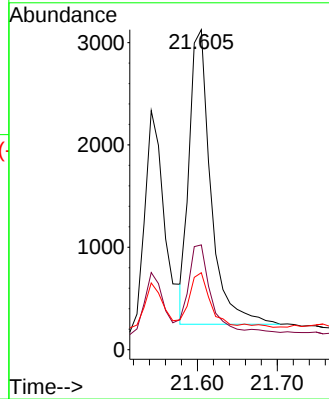
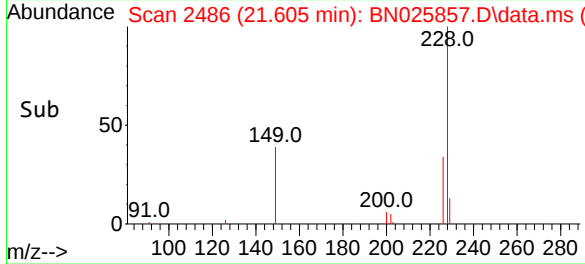
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



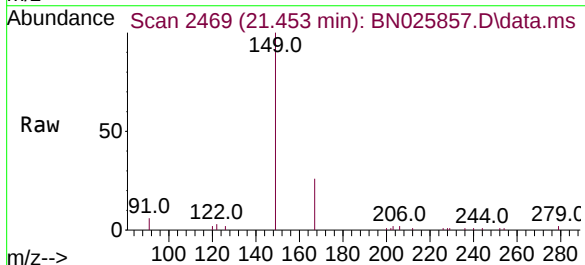
Tgt Ion: 228 Resp: 5428
Ion Ratio Lower Upper
228 100
226 32.8 25.4 38.2
229 24.1 16.1 24.1

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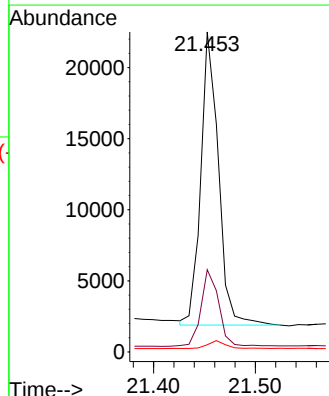
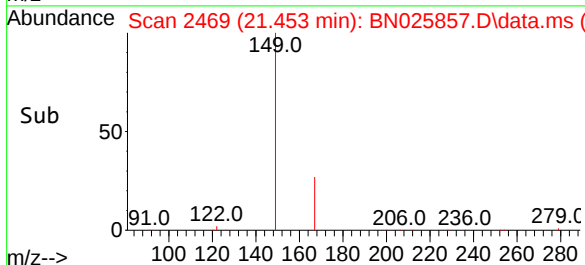
Reviewed By : Yogesh Patel 06/16/2023
Supervised By : mohammad ahmed 06/16/2023

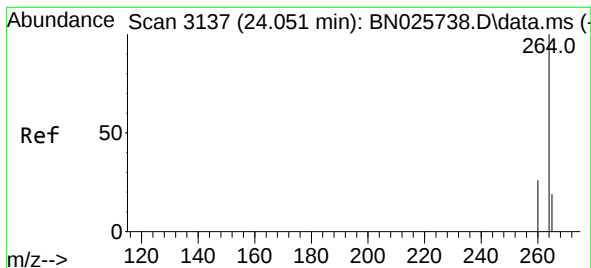


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.636 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28



Tgt Ion: 149 Resp: 24790
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 3.0 2.2 3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.042 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BN025857.D

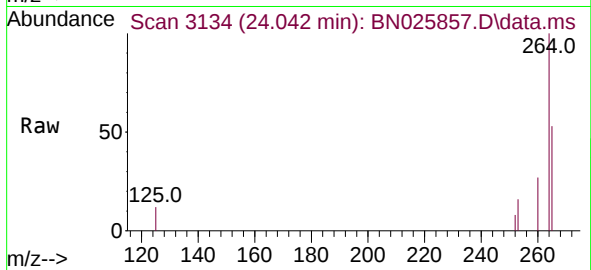
Acq: 15 Jun 2023 14:28

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825



Tgt Ion:264 Resp: 17330

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

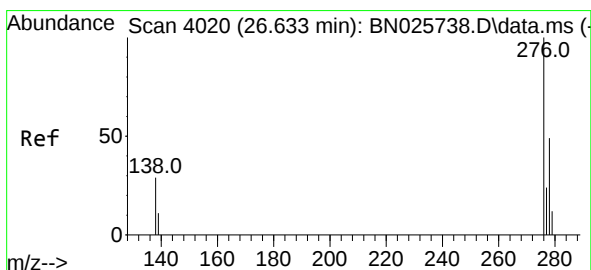
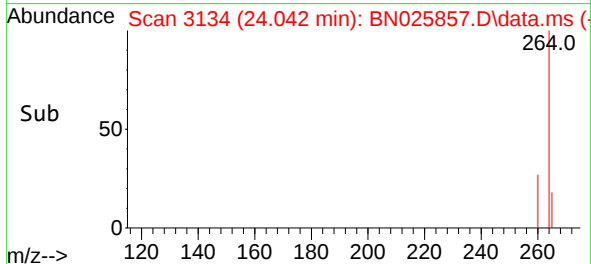
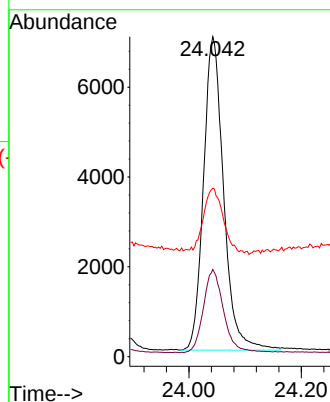
265 52.7 44.7 67.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.055 ng

RT: 26.650 min Scan# 4026

Delta R.T. 0.009 min

Lab File: BN025857.D

Acq: 15 Jun 2023 14:28

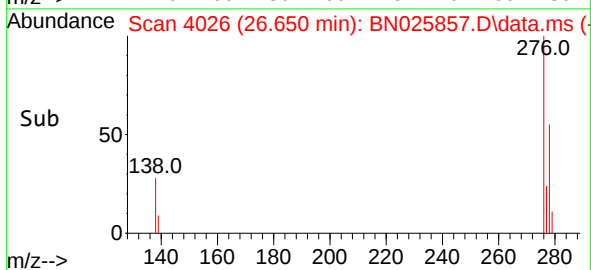
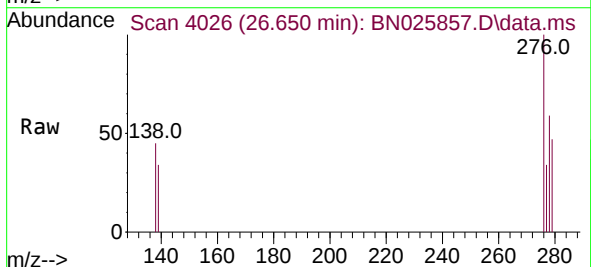
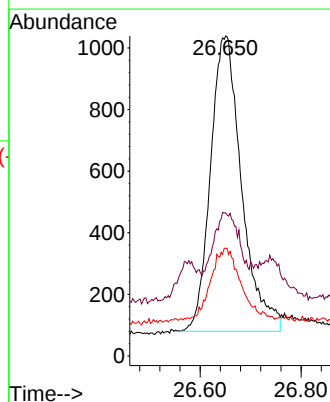
Tgt Ion:276 Resp: 4111

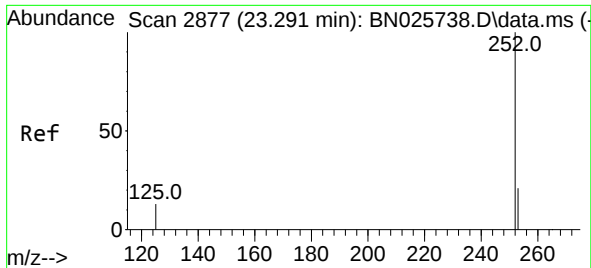
Ion Ratio Lower Upper

276 100

138 16.2 26.1 39.1#

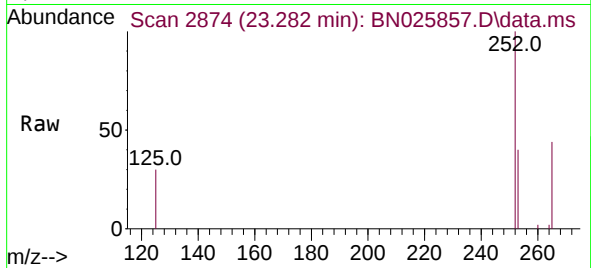
277 22.7 19.4 29.2





#37
Benzo(b)fluoranthene
Concen: 0.141 ng
RT: 23.282 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

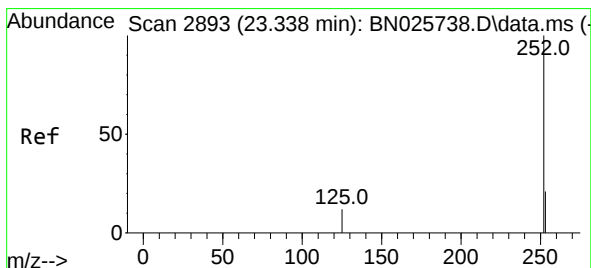
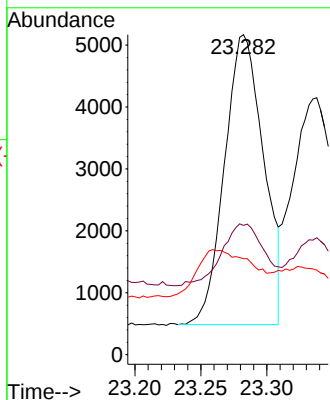
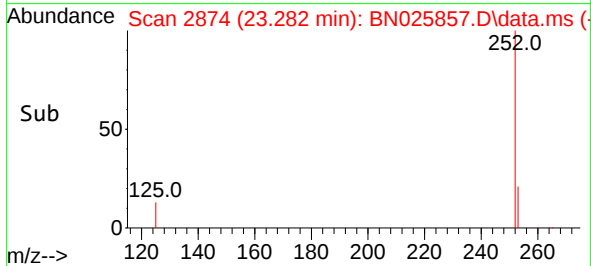
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:252 Resp: 966
Ion Ratio Lower Upper
252 100
253 40.4 23.4 35.0#
125 30.0 12.3 18.5#

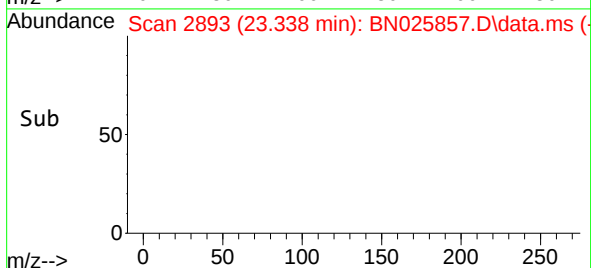
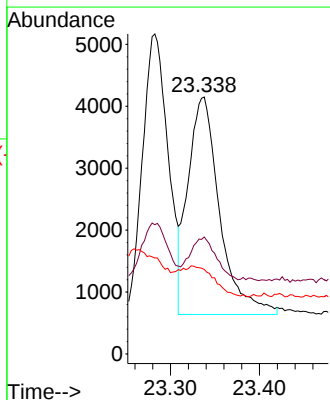
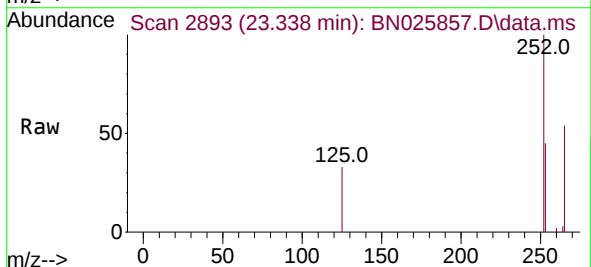
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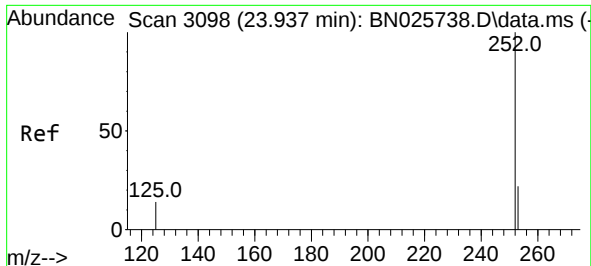
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#38
Benzo(k)fluoranthene
Concen: 0.125 ng m
RT: 23.338 min Scan# 2893
Delta R.T. 0.009 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

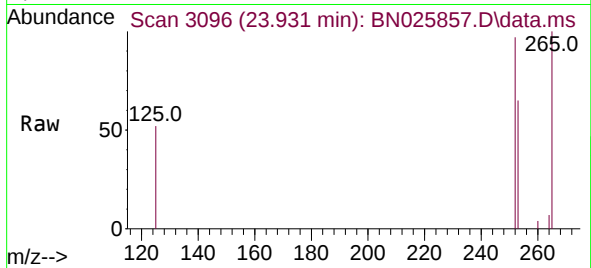
Tgt Ion:252 Resp: 8723
Ion Ratio Lower Upper
252 100
253 45.5 24.2 36.4#
125 32.9 12.2 18.2#





#39
Benzo(a)pyrene
Concen: 0.067 ng
RT: 23.931 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

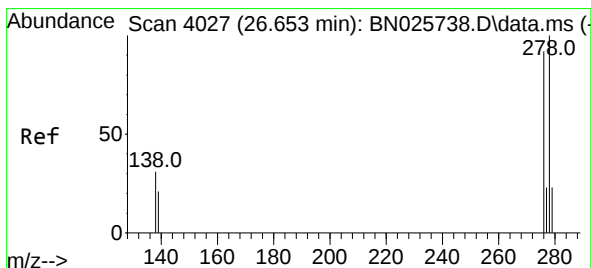
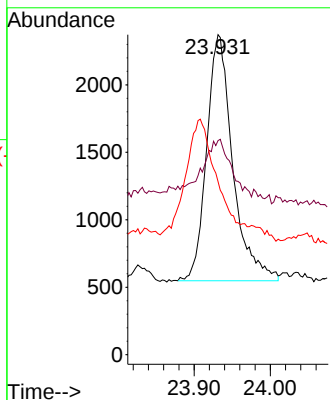
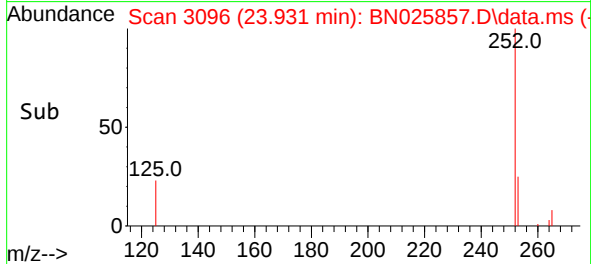
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:252 Resp: 4339
Ion Ratio Lower Upper
252 100
253 66.9 27.5 41.3#
125 54.1 14.6 21.8#

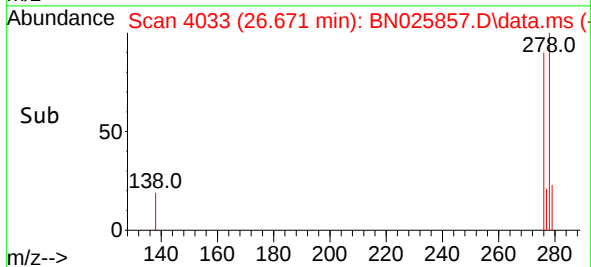
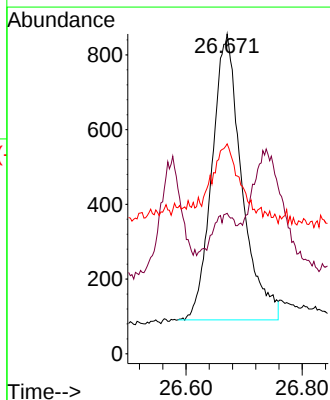
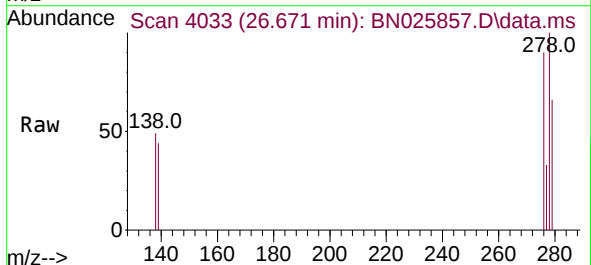
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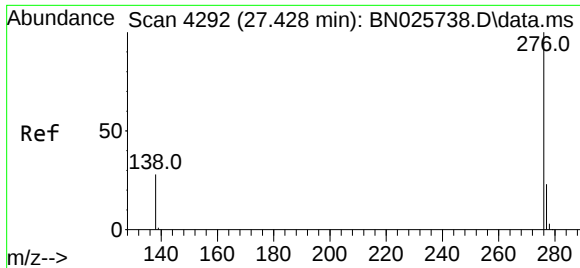
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.045 ng
RT: 26.671 min Scan# 4033
Delta R.T. 0.009 min
Lab File: BN025857.D
Acq: 15 Jun 2023 14:28

Tgt Ion:278 Resp: 2722
Ion Ratio Lower Upper
278 100
139 43.9 18.7 28.1#
279 65.7 25.1 37.7#





#41

Benzo(g,h,i)perylene

Concen: 0.060 ng

RT: 27.437 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN025857.D

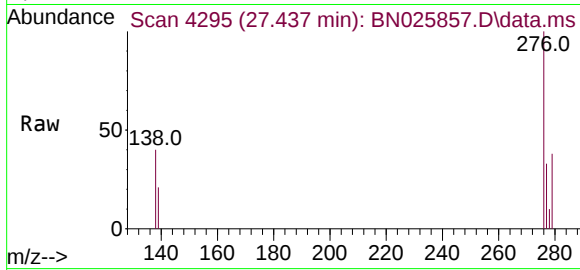
Acq: 15 Jun 2023 14:28

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825



Tgt Ion:276 Resp: 4058

Ion Ratio Lower Upper

276 100

277 33.4 20.2 30.2

138 39.7 24.2 36.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023

