

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025859.D
 Acq On : 15 Jun 2023 15:41
 Operator : MA/JU
 Sample : 03173-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-74-79-061223

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 01:45:51 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6246	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	16536	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	8921	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	18613	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	15052	0.400	ng	0.00
35) Perylene-d12	24.054	264	15035	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	2031	0.116	ng	0.01
5) Phenol-d6	7.160	99	1395	0.065	ng	0.00
8) Nitrobenzene-d5	9.170	82	4040	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	7285	0.306	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	1084	0.394	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	11784	0.312	ng	0.00
27) Fluoranthene-d10	19.407	212	17138	0.448	ng	0.00
31) Terphenyl-d14	19.997	244	14970	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	63015	8.599	ng	# 93
25) Phenanthrene	17.418	178	1579	0.028	ng	97
32) Benzo(a)anthracene	21.551	228	2739	0.047	ng	# 92
33) Chrysene	21.605	228	3948	0.064	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.462	149	7255	0.210	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.665	276	2946	0.045	ng	# 80
37) Benzo(b)fluoranthene	23.294	252	6873	0.116	ng	# 75
38) Benzo(k)fluoranthene	23.344	252	6684m	0.110	ng	
39) Benzo(a)pyrene	23.940	252	2944	0.052	ng	# 39
40) Dibenzo(a,h)anthracene	26.686	278	2040m	0.039	ng	
41) Benzo(g,h,i)perylene	27.460	276	2997m	0.051	ng	

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

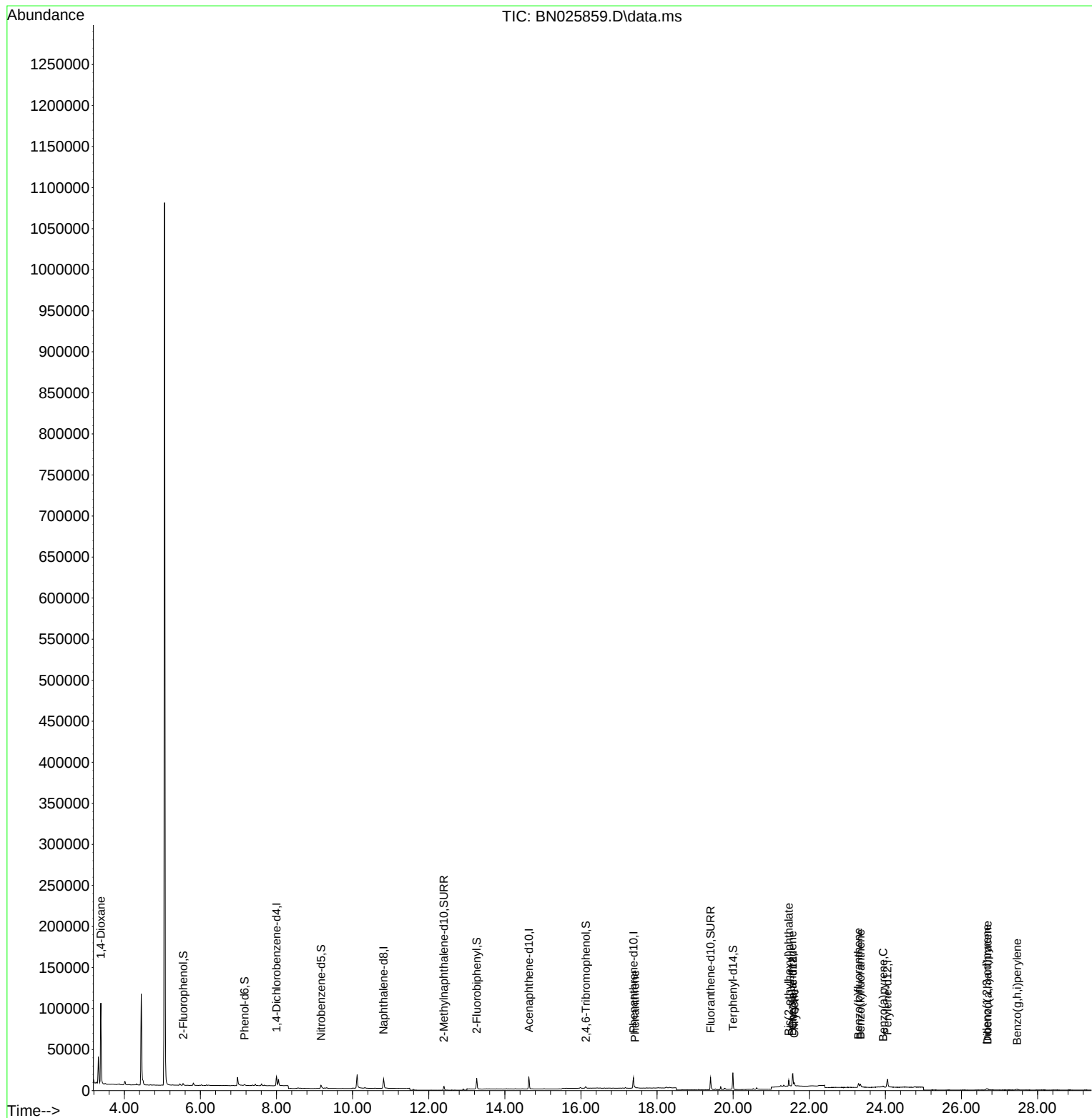
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
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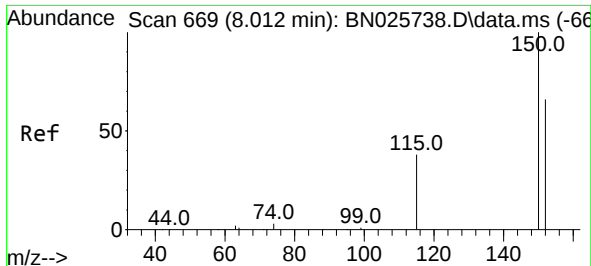
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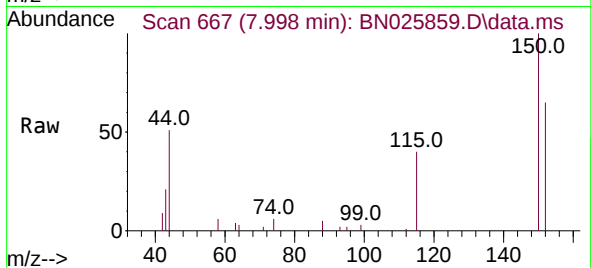
Quant Time: Jun 16 01:45:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

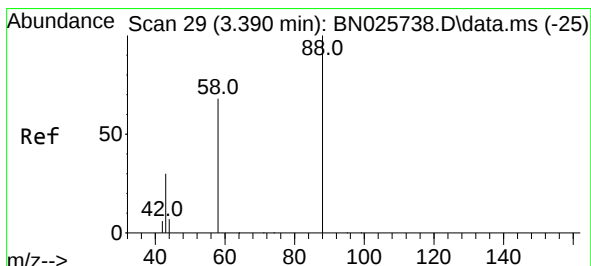
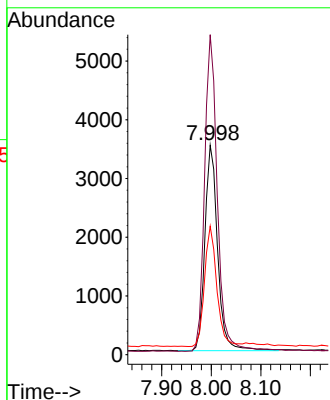
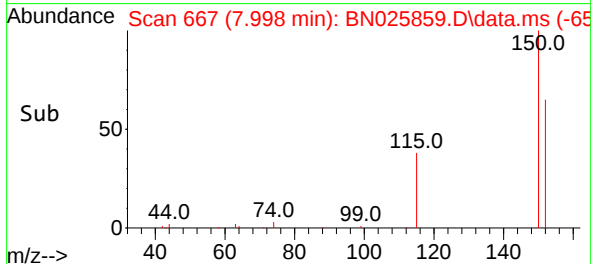
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:152 Resp: 6240
Ion Ratio Lower Upper
152 100
150 152.8 121.5 182.3
115 61.3 47.7 71.5

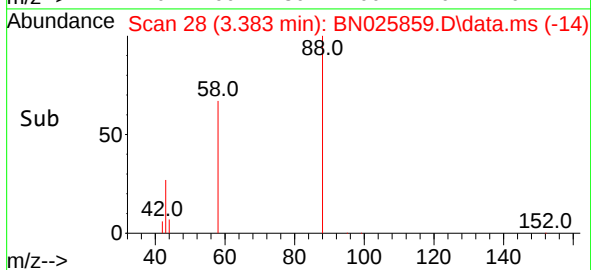
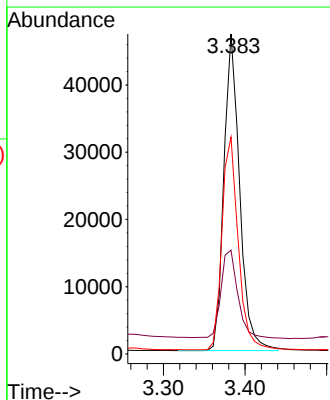
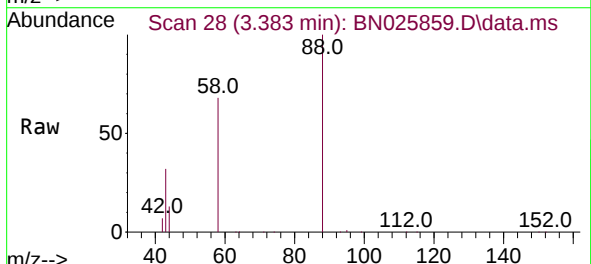
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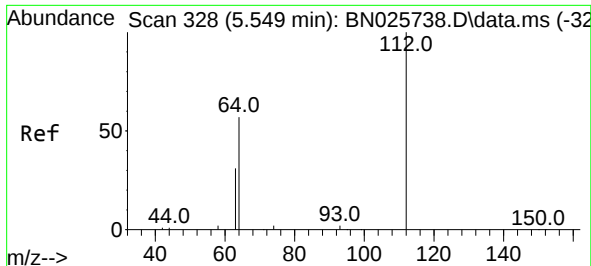
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 8.599 ng
RT: 3.383 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

Tgt Ion: 88 Resp: 63015
Ion Ratio Lower Upper
88 100
43 29.3 31.0 46.4#
58 69.2 57.3 85.9





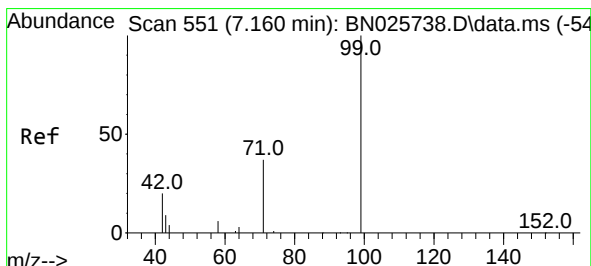
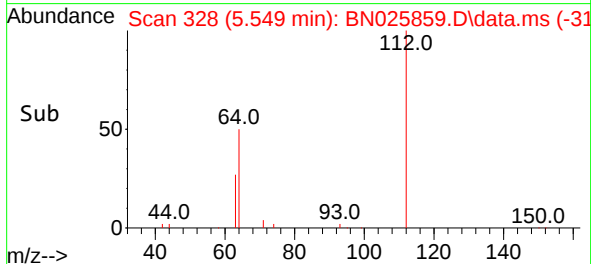
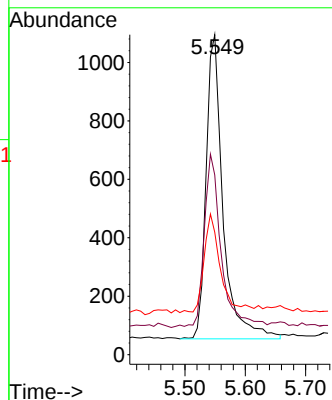
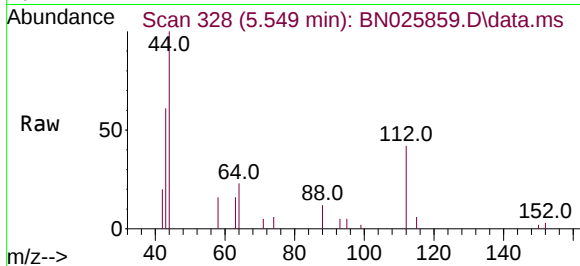
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.549 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

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BNA_N
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OW-06B-74-79-061223

Tgt Ion:112 Resp: 203
Ion Ratio Lower Upper
112 100
64 57.5 47.5 71.3
63 30.3 26.2 39.4

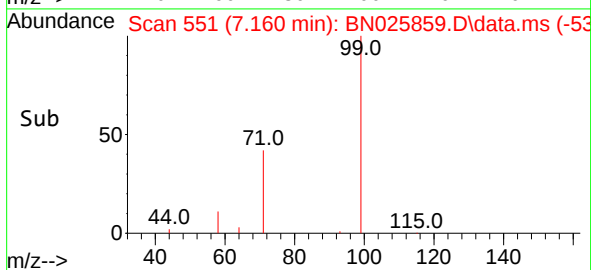
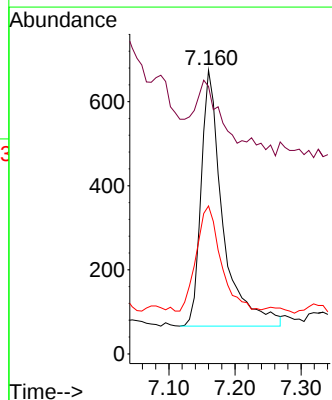
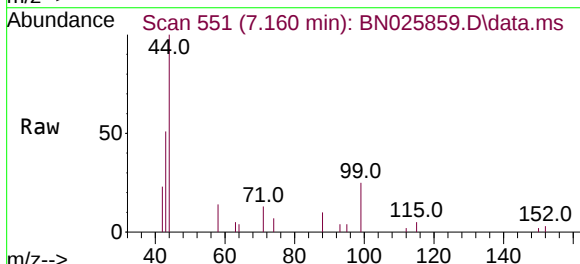
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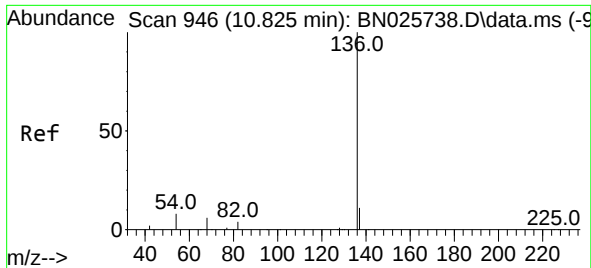
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.160 min Scan# 551
Delta R.T. 0.007 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

Tgt Ion: 99 Resp: 1395
Ion Ratio Lower Upper
99 100
42 24.0 18.6 28.0
71 46.2 30.5 45.7#





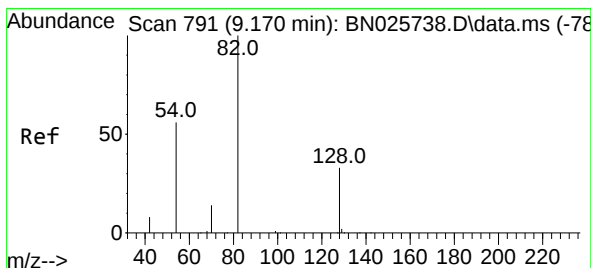
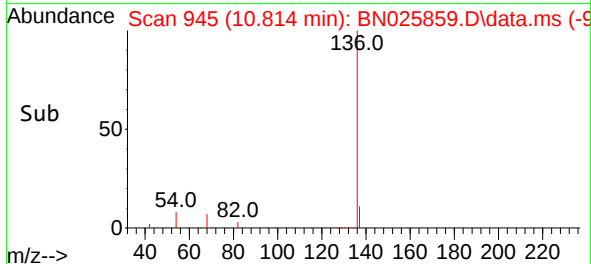
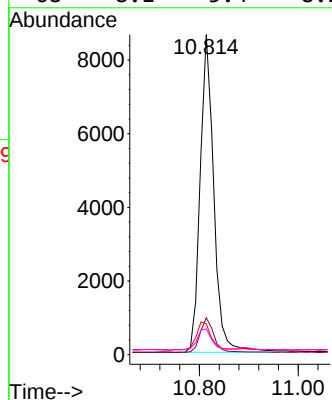
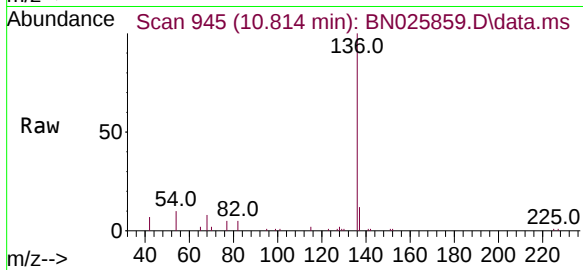
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223

Tgt Ion:136	Resp:	16530
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	9.6	7.2 10.8
68	8.1	5.4 8.2

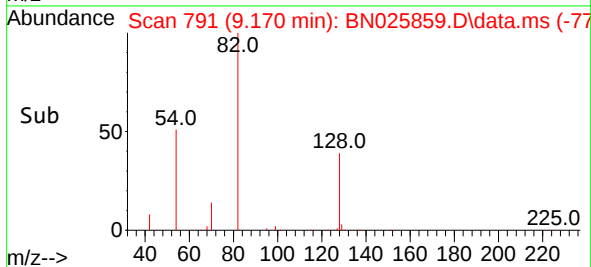
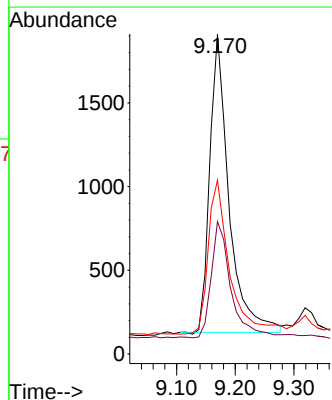
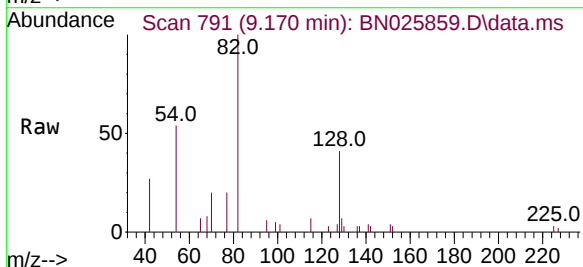
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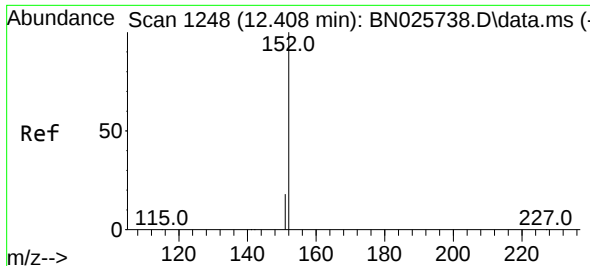
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

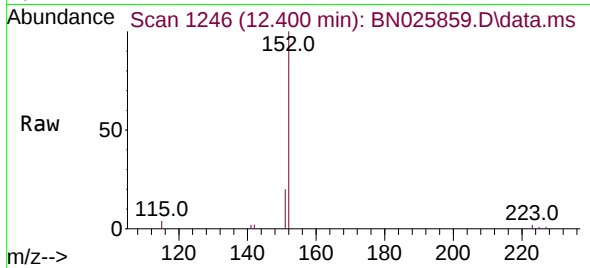
Tgt Ion: 82	Resp:	4040
Ion Ratio	Lower	Upper
82	100	
128	41.4	27.6 41.4#
54	54.3	45.7 68.5





#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.400 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

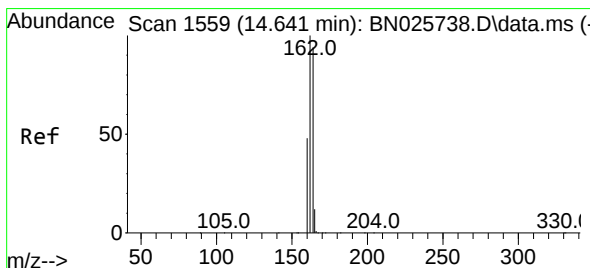
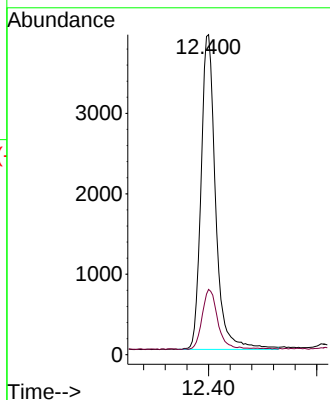
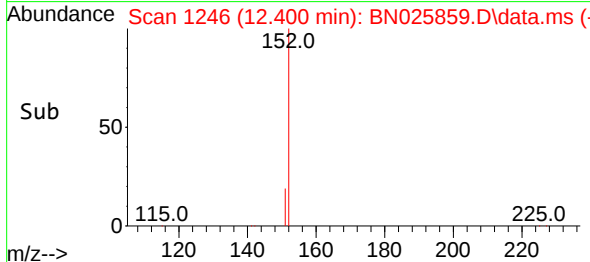
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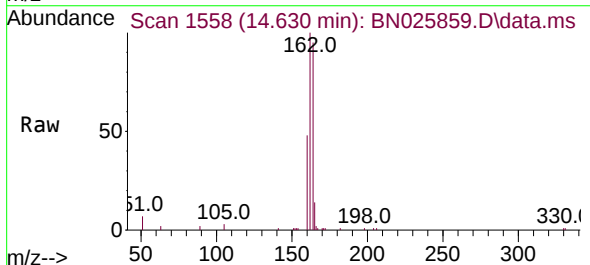
Tgt Ion:152 Resp: 728
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6

Manual Integrations
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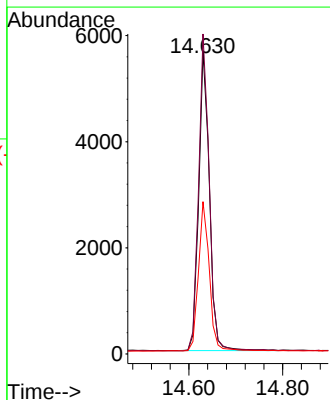
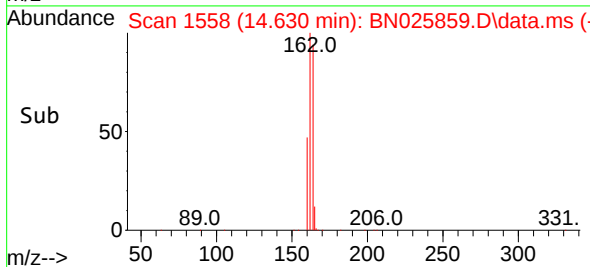
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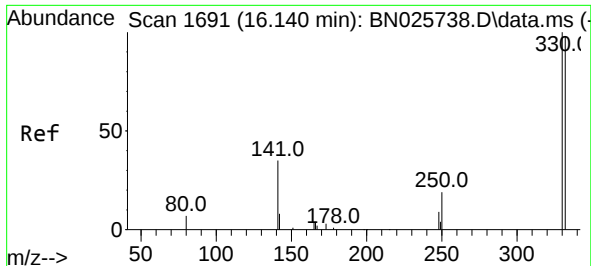


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41



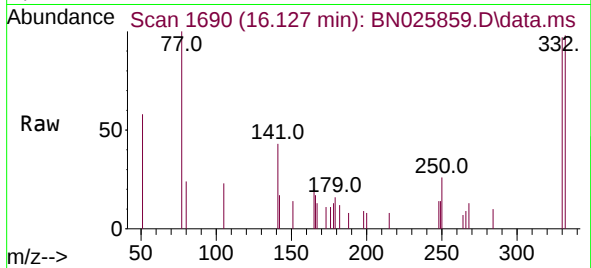
Tgt Ion:164 Resp: 8921
Ion Ratio Lower Upper
164 100
162 105.7 85.0 127.6
160 50.3 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

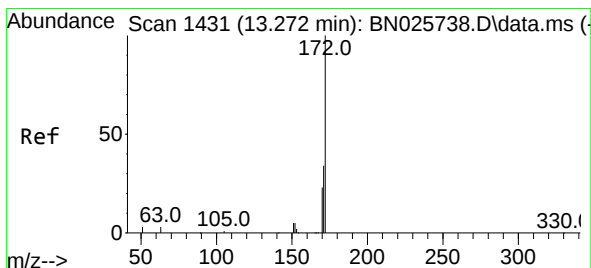
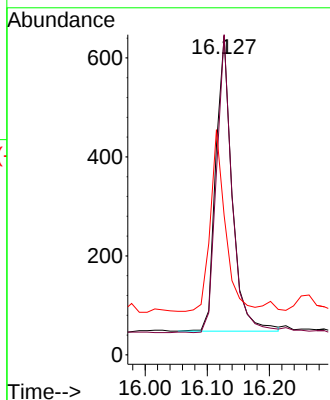
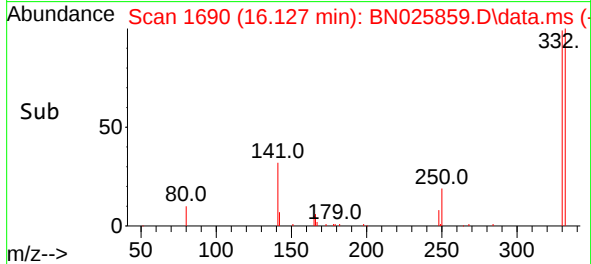
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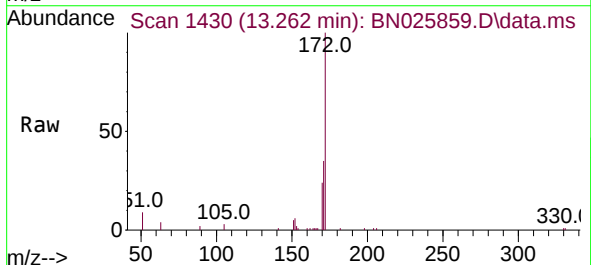
Tgt Ion:330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 56.5 55.0 82.6

Manual Integrations
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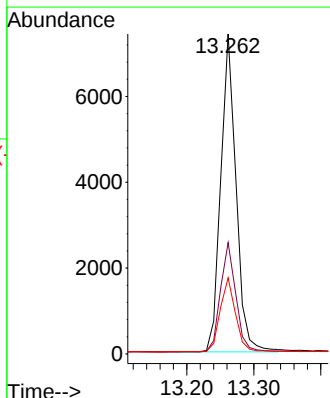
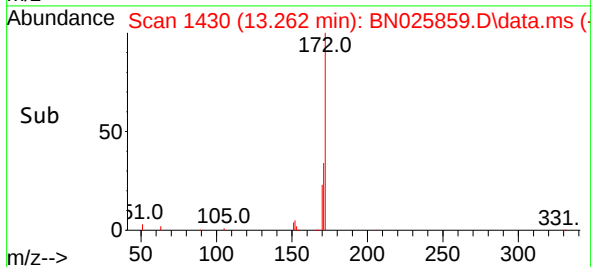
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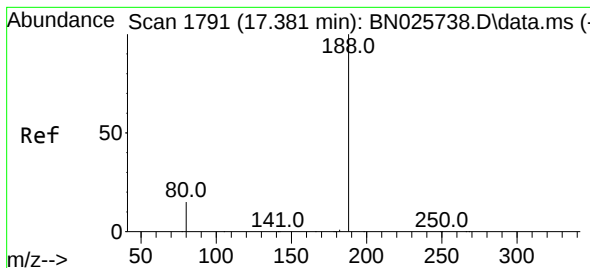


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.262 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41



Tgt Ion:172 Resp: 11784
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.8 18.6 28.0





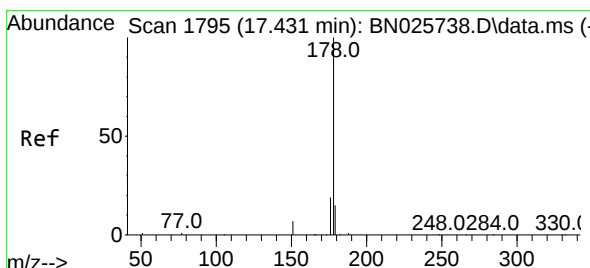
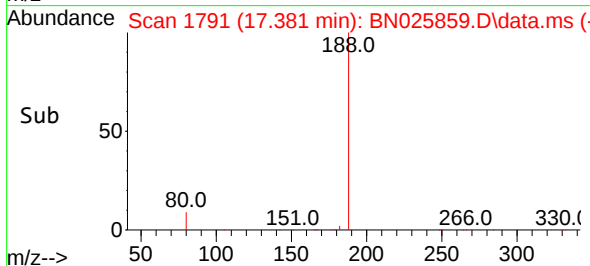
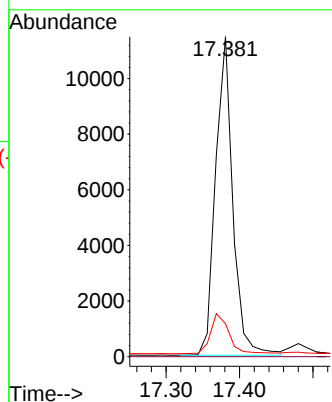
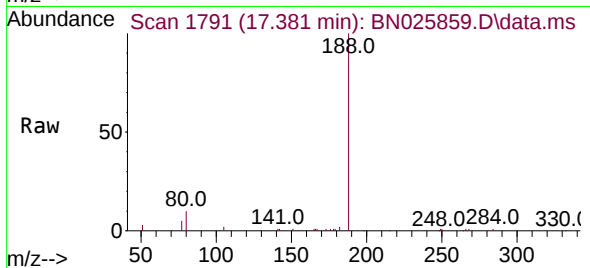
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223

Tgt Ion:188 Resp: 1861
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 12.1 18.1

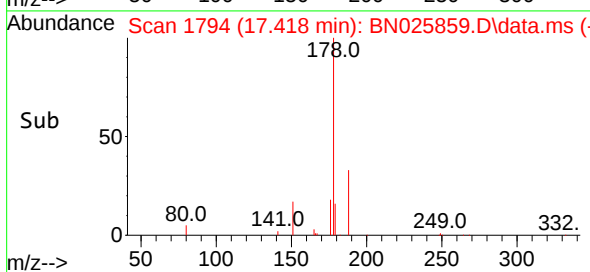
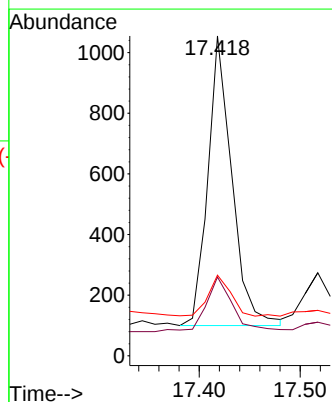
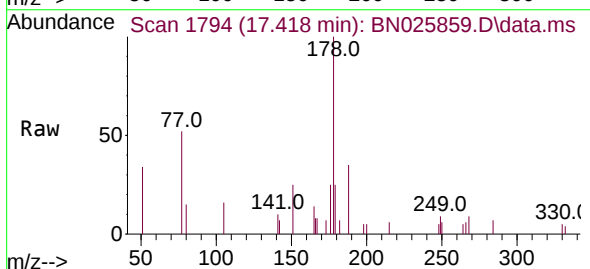
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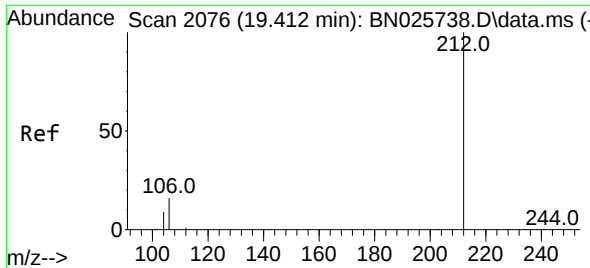
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.418 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

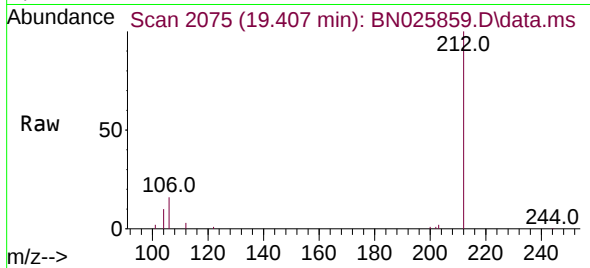
Tgt Ion:178 Resp: 1579
Ion Ratio Lower Upper
178 100
176 21.3 15.7 23.5
179 14.7 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.407 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

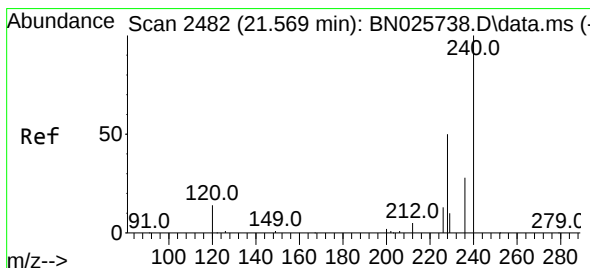
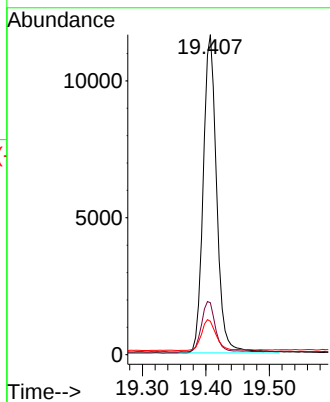
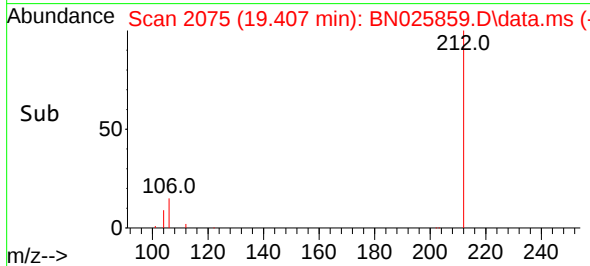
Instrument :
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Tgt Ion:212 Resp: 17138
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.6
104 10.6 7.7 11.5

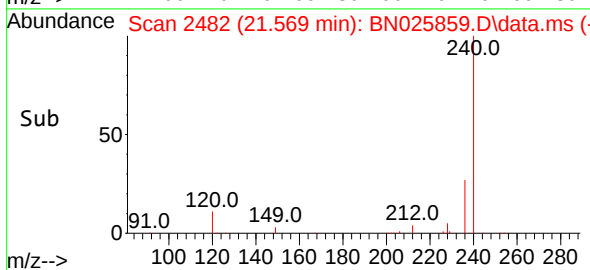
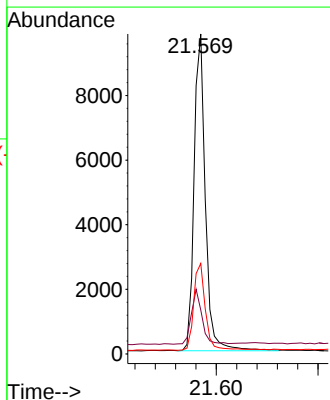
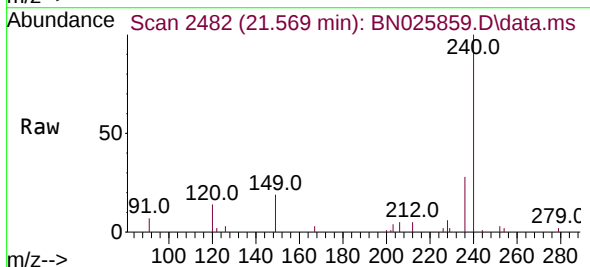
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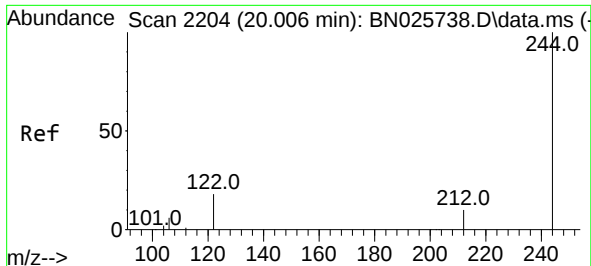
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

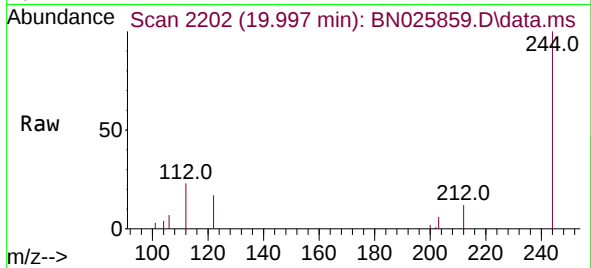
Tgt Ion:240 Resp: 15052
Ion Ratio Lower Upper
240 100
120 13.8 13.2 19.8
236 28.3 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.997 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025859.D
 Acq: 15 Jun 2023 15:41

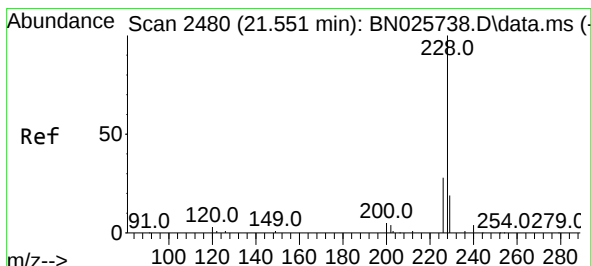
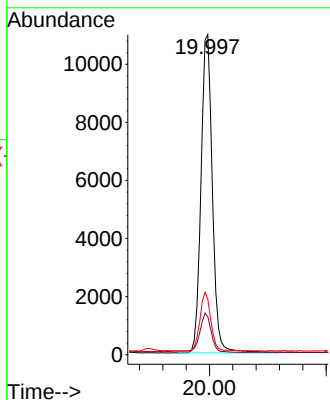
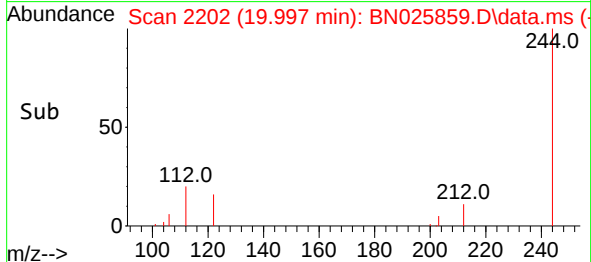
Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-74-79-061223



Tgt Ion:244 Resp: 14970
 Ion Ratio Lower Upper
 244 100
 212 11.9 8.6 12.8
 122 17.3 15.2 22.8

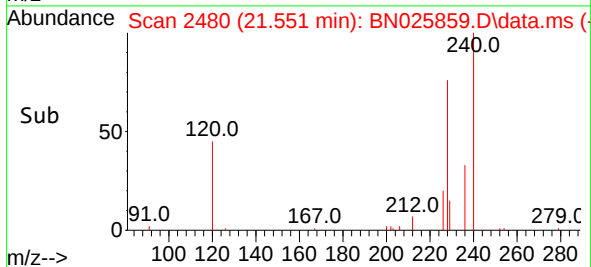
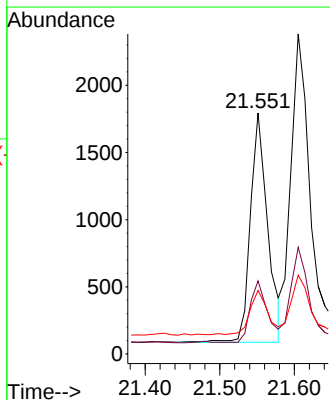
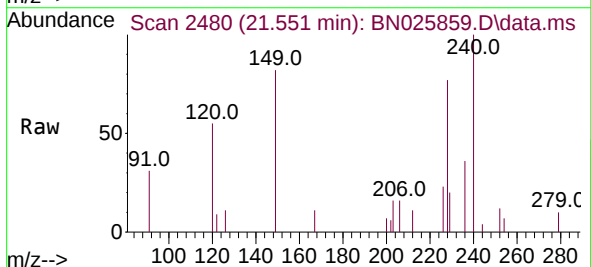
Manual Integrations
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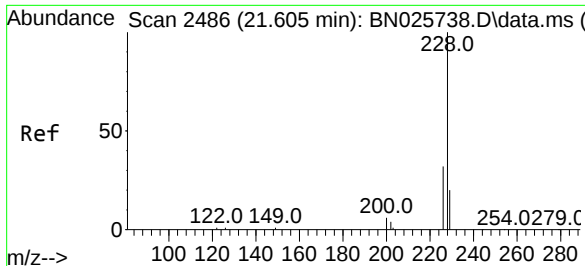
Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#32
 Benzo(a)anthracene
 Concen: 0.047 ng
 RT: 21.551 min Scan# 2480
 Delta R.T. 0.009 min
 Lab File: BN025859.D
 Acq: 15 Jun 2023 15:41

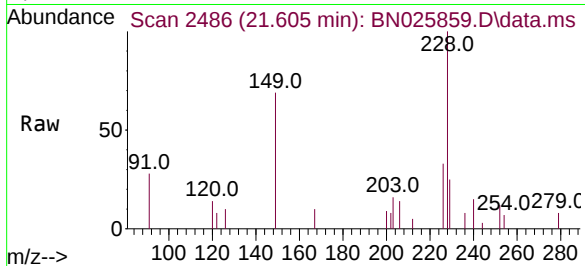
Tgt Ion:228 Resp: 2739
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.9 34.3
 229 26.4 15.6 23.4#





#33
Chrysene
Concen: 0.064 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

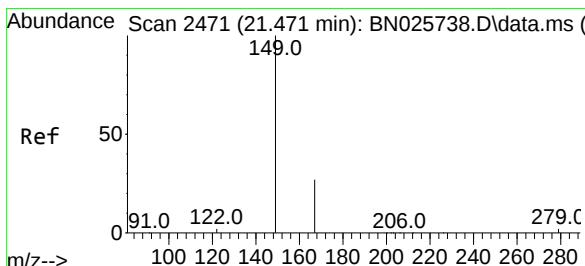
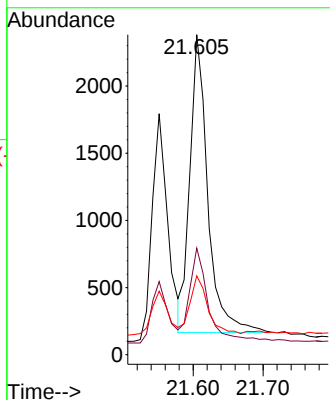
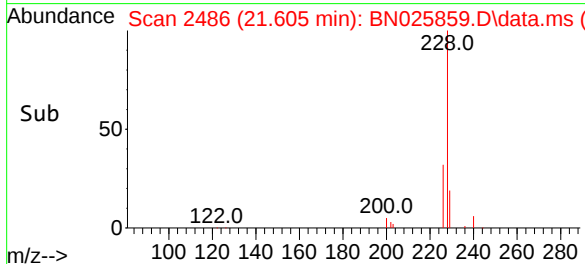
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223



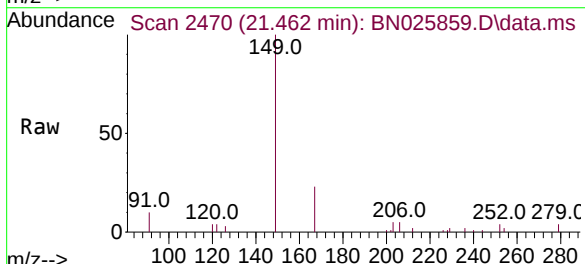
Tgt Ion: 228 Resp: 3948
Ion Ratio Lower Upper
228 100
226 33.3 25.4 38.2
229 24.7 16.1 24.1

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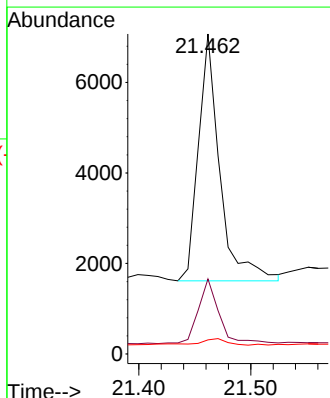
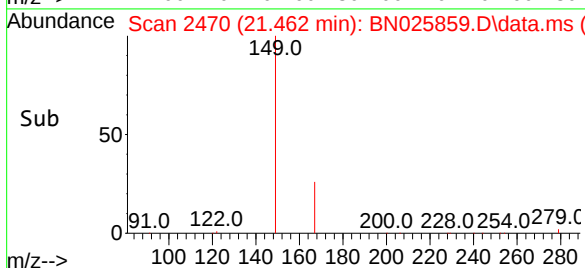
Reviewed By : Yogesh Patel 06/16/2023
Supervised By : mohammad ahmed 06/16/2023

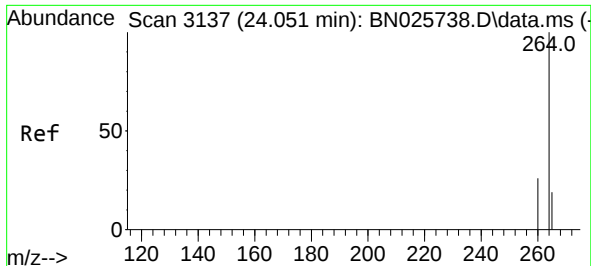


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 21.462 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41



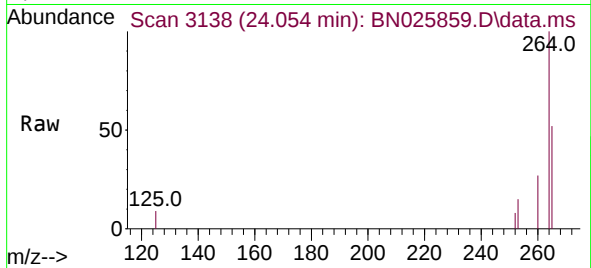
Tgt Ion: 149 Resp: 7255
Ion Ratio Lower Upper
149 100
167 25.4 21.0 31.6
279 3.8 2.2 3.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.054 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

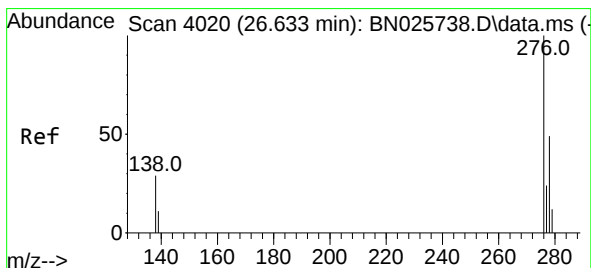
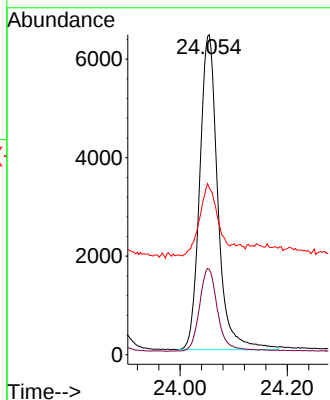
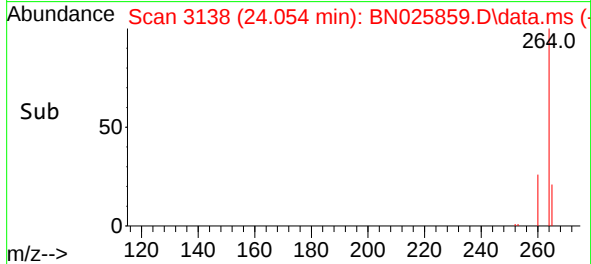
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:264 Resp: 1503
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.2
265 52.1 44.7 67.1

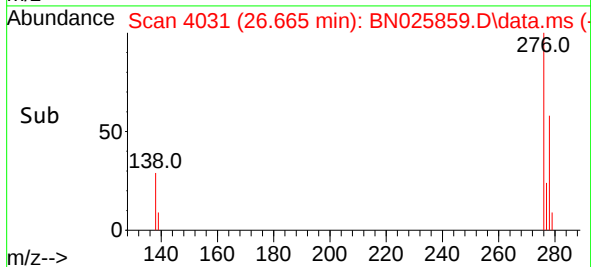
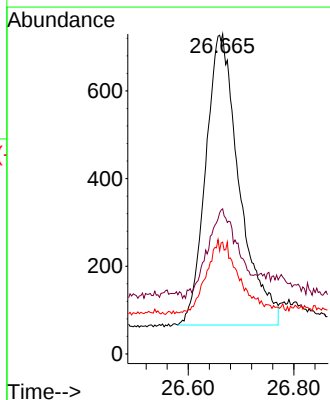
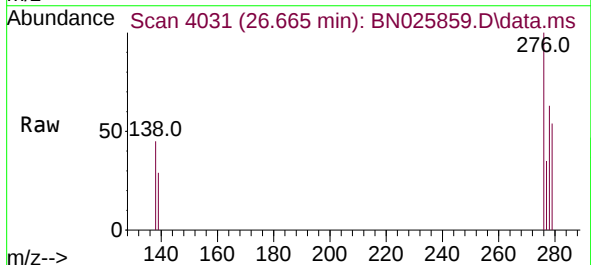
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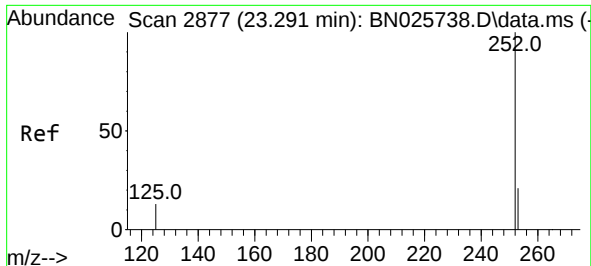
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng
RT: 26.665 min Scan# 4031
Delta R.T. 0.024 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

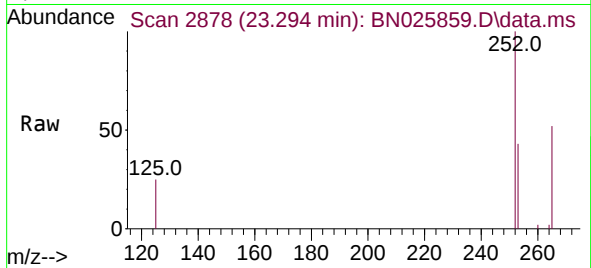
Tgt Ion:276 Resp: 2946
Ion Ratio Lower Upper
276 100
138 25.0 26.1 39.1#
277 9.9 19.4 29.2#





#37
Benzo(b)fluoranthene
Concen: 0.116 ng
RT: 23.294 min Scan# 2877
Delta R.T. 0.012 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

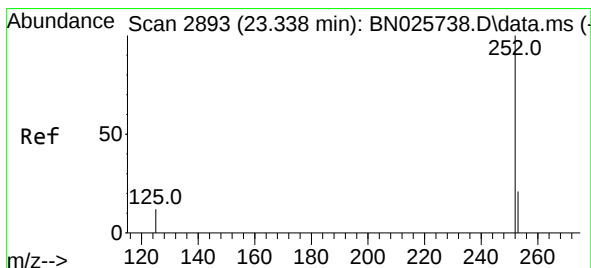
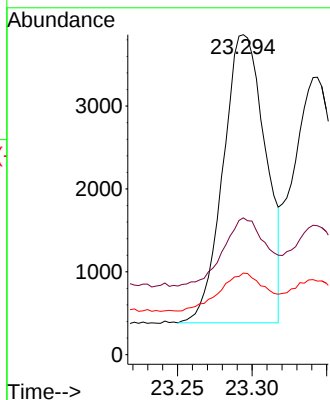
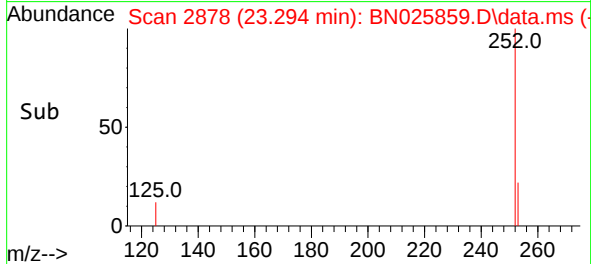
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:252 Resp: 687
Ion Ratio Lower Upper
252 100
253 42.7 23.4 35.0#
125 25.5 12.3 18.5#

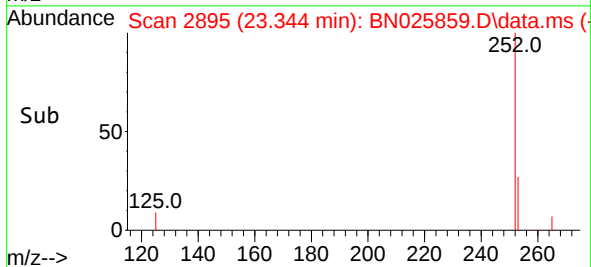
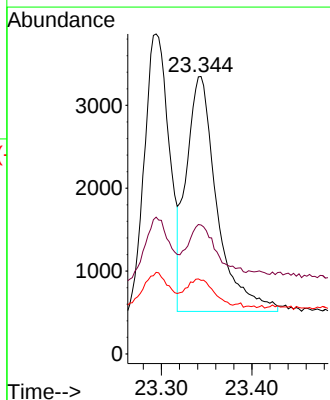
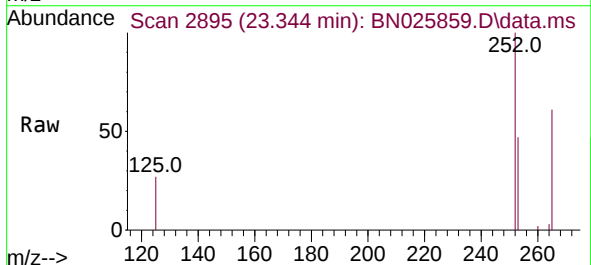
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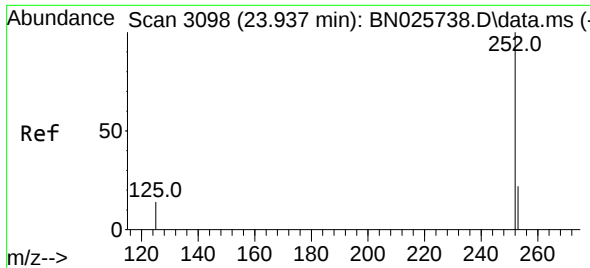
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#38
Benzo(k)fluoranthene
Concen: 0.110 ng m
RT: 23.344 min Scan# 2895
Delta R.T. 0.015 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

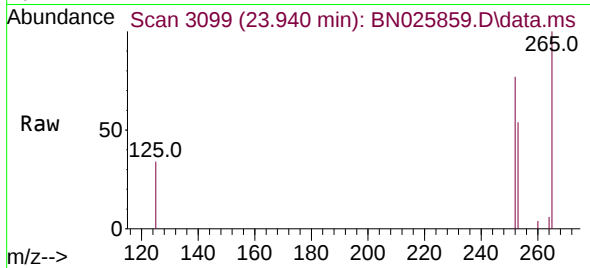
Tgt Ion:252 Resp: 6684
Ion Ratio Lower Upper
252 100
253 46.5 24.2 36.4#
125 26.5 12.2 18.2#





#39
Benzo(a)pyrene
Concen: 0.052 ng
RT: 23.940 min Scan# 3098
Delta R.T. 0.003 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

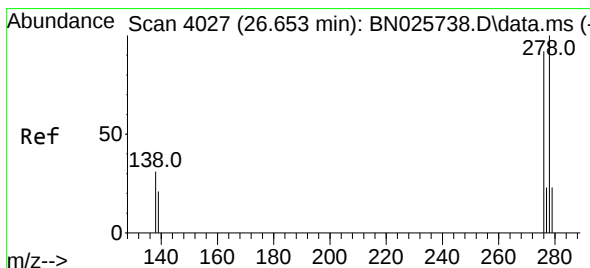
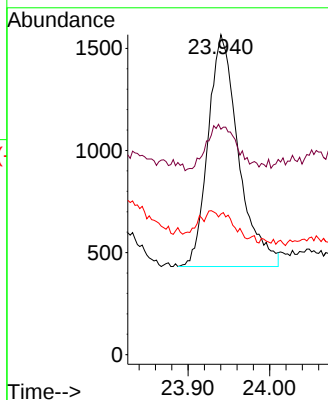
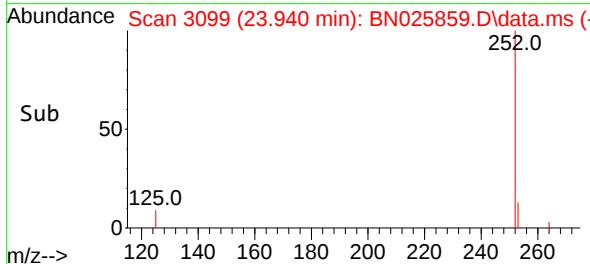
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:252 Resp: 2944
Ion Ratio Lower Upper
252 100
253 70.5 27.5 41.3#
125 44.0 14.6 21.8#

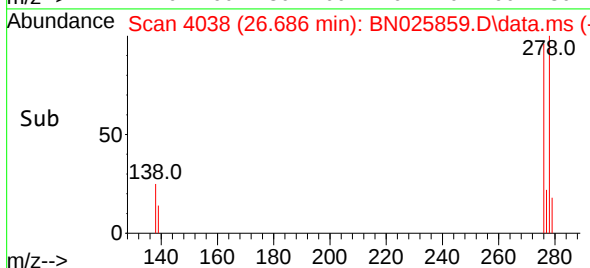
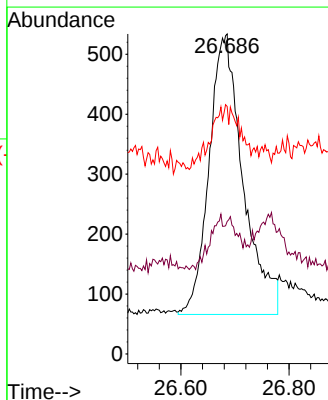
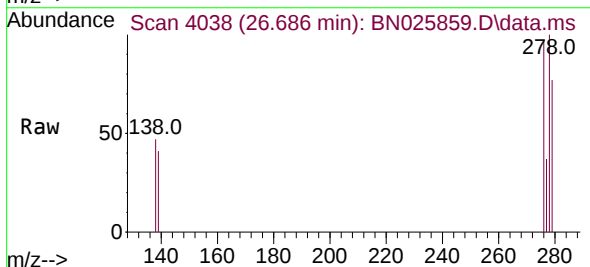
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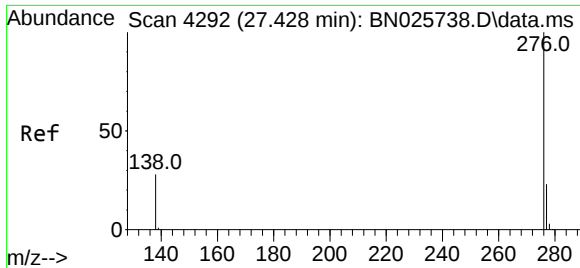
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.039 ng m
RT: 26.686 min Scan# 4038
Delta R.T. 0.024 min
Lab File: BN025859.D
Acq: 15 Jun 2023 15:41

Tgt Ion:278 Resp: 2040
Ion Ratio Lower Upper
278 100
139 41.4 18.7 28.1#
279 77.3 25.1 37.7#





#41

Benzo(g,h,i)perylene

Concen: 0.051 ng m

RT: 27.460 min Scan# 41

Delta R.T. 0.015 min

Lab File: BN025859.D

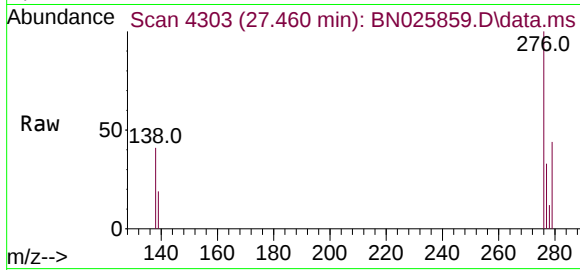
Acq: 15 Jun 2023 15:41

Instrument :

BNA_N

ClientSampleId :

OW-06B-74-79-061223



Tgt Ion:276 Resp: 299

Ion Ratio Lower Upper

276 100

277 33.0 20.2 30.2

138 41.1 24.2 36.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023

