

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
 Data File : BN028307.D
 Acq On : 17 Oct 2023 13:27
 Operator : MA/JU
 Sample : 02215-01
 Misc : SFDAM-SIM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Oct 17 13:58:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 16:16:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	3256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	10727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	13209	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	12248	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	12548	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	1637	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	5972	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	15613	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	340m	0.079	ng/ul	
5) Naphthalene	10.768	128	2082	0.068	ng/ul#	83
7) 2-Methylnaphthalene	12.385	142	1214	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.599	142	1306	0.066	ng/ul	99
10) Acenaphthylene	14.273	152	1896	0.068	ng/ul#	88
11) Acenaphthene	14.606	153	1590	0.072	ng/ul	98
12) Fluorene	15.605	166	1747	0.071	ng/ul#	98
14) Pentachlorophenol	16.966	266	167	0.059	ng/ul#	87
15) Phenanthrene	17.350	178	2839	0.072	ng/ul#	91
16) Anthracene	17.451	178	2297	0.065	ng/ul#	88
19) Fluoranthene	19.366	202	3329	0.071	ng/ul#	94
20) Pyrene	19.738	202	3416	0.070	ng/ul	96
21) Benzo(a)anthracene	21.486	228	3068	0.069	ng/ul	95
22) Chrysene	21.542	228	3336	0.074	ng/ul	97
24) Benzo(b)fluoranthene	23.199	252	3450	0.074	ng/ul	69
25) Benzo(k)fluoranthene	23.249	252	3579	0.077	ng/ul#	70
26) Benzo(a)pyrene	23.848	252	2926	0.074	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.542	276	3622	0.075	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.555	278	2908	0.074	ng/ul#	72
29) Benzo(g,h,i)perylene	27.343	276	3107	0.079	ng/ul#	86

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

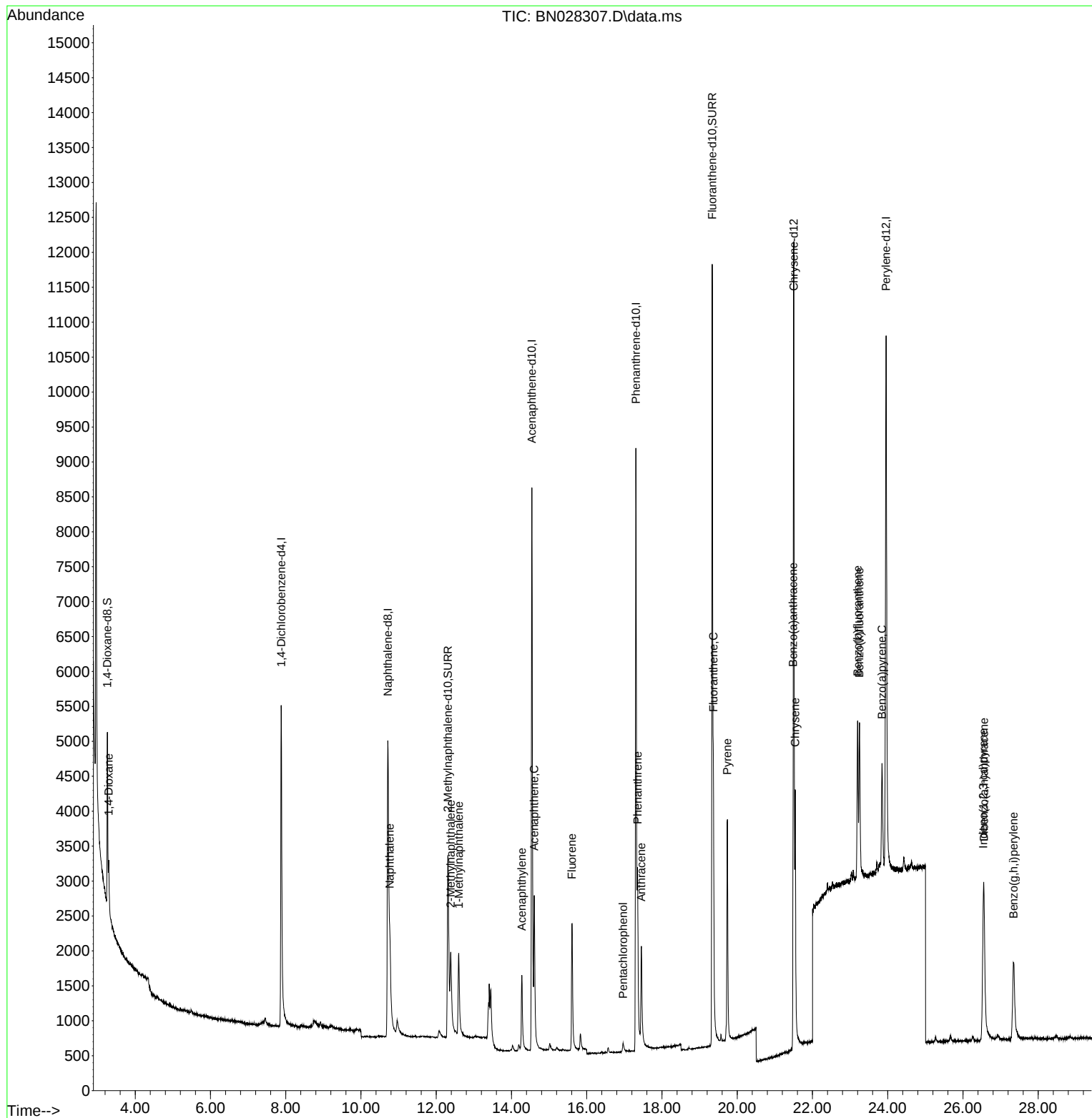
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028307.D
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ALS Vial : 4 Sample Multiplier: 1

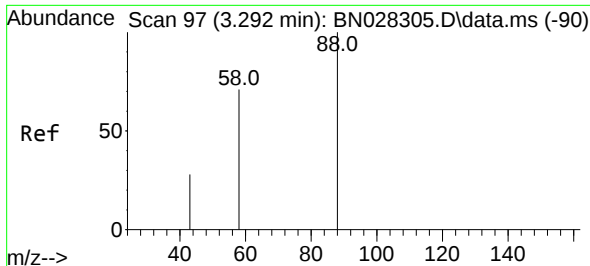
Instrument :
BNA_N
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MDL-WATER-QT2-2023-03

Quant Time: Oct 17 13:58:08 2023
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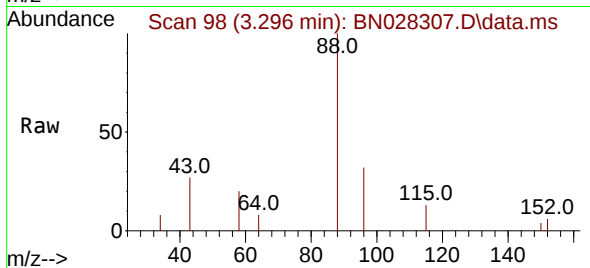
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023





#2
1,4-Dioxane
Concen: 0.079 ng/ul m
RT: 3.296 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

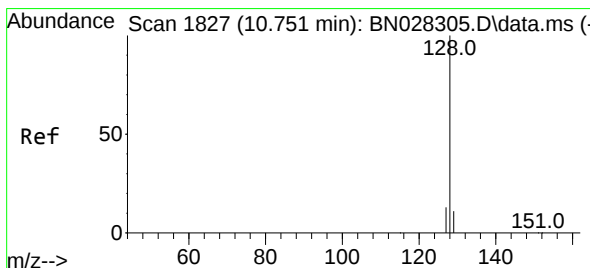
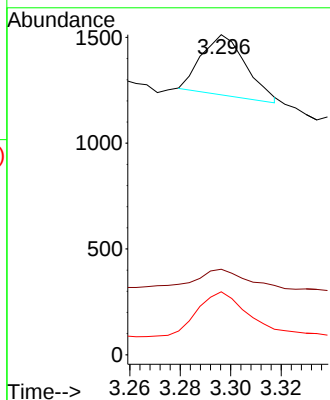
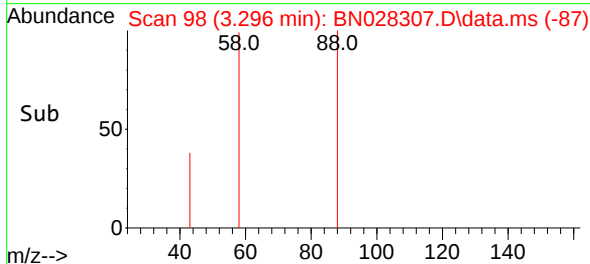
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 88 Resp: 340
Ion Ratio Lower Upper
88 100
43 26.7 33.4 50.2
58 19.7 45.7 68.5

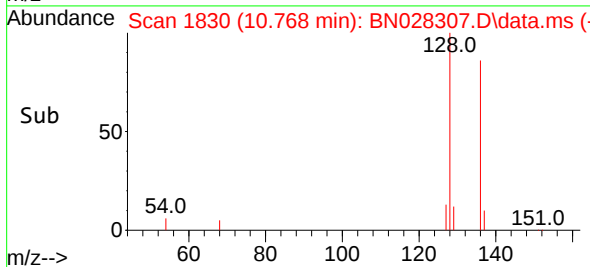
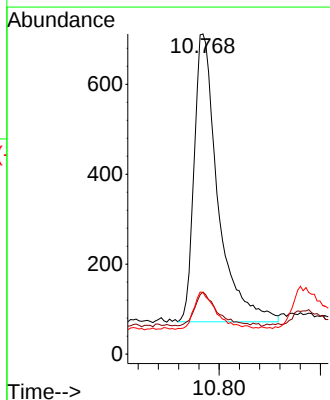
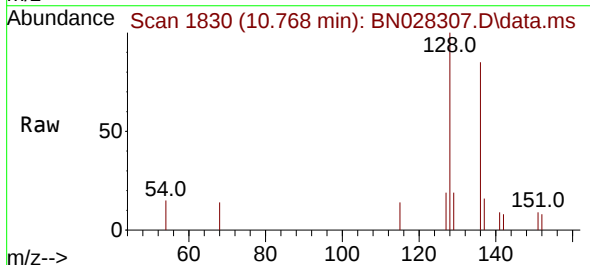
Manual Integrations
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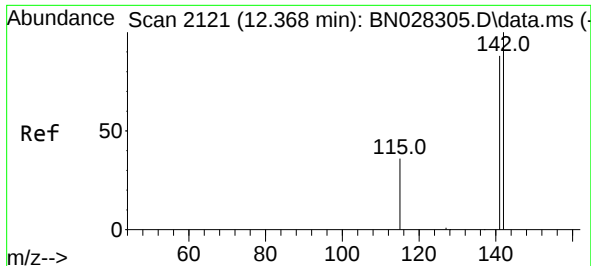
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.768 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

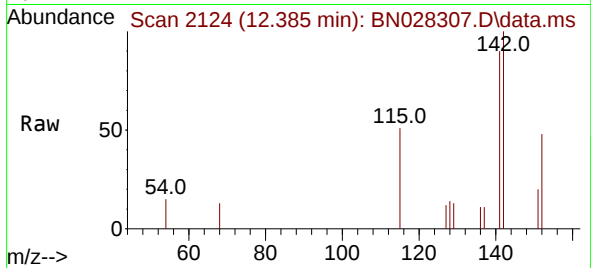
Tgt Ion:128 Resp: 2082
Ion Ratio Lower Upper
128 100
129 19.4 9.4 14.0#
127 19.2 11.0 16.4#





#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.385 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

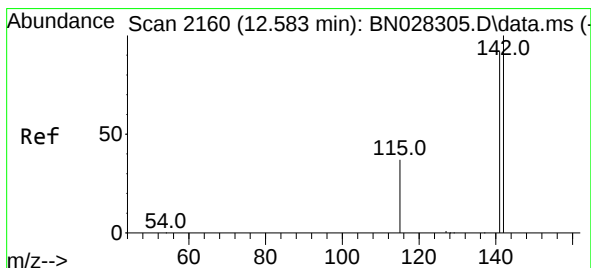
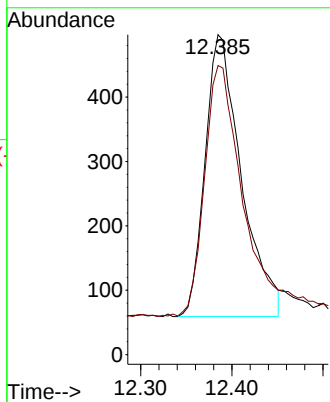
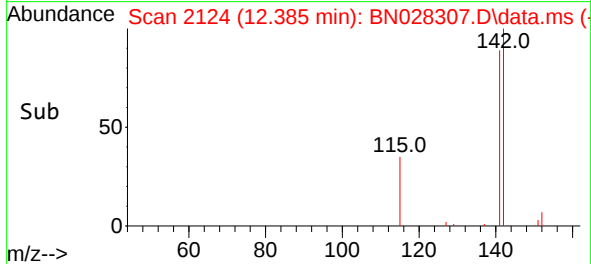
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



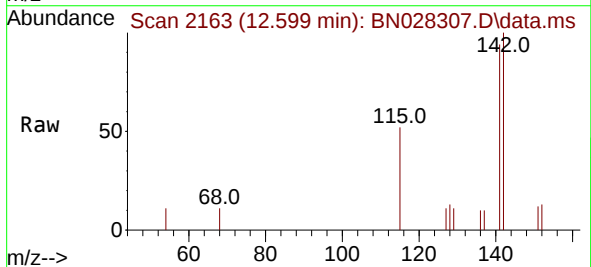
Tgt Ion:142 Resp: 1214
Ion Ratio Lower Upper
142 100
141 92.5 70.9 106.3

Manual Integrations
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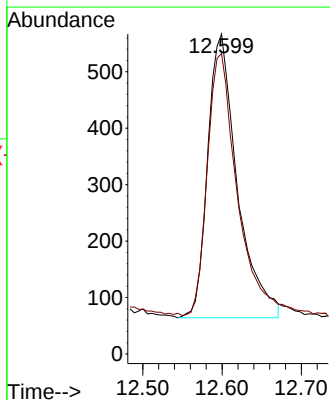
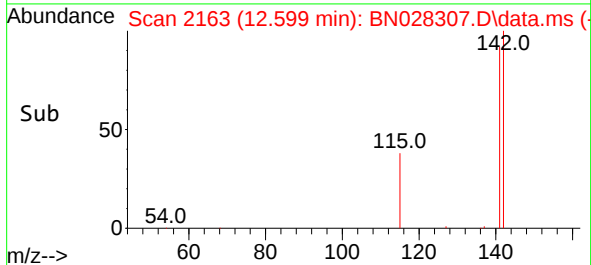
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

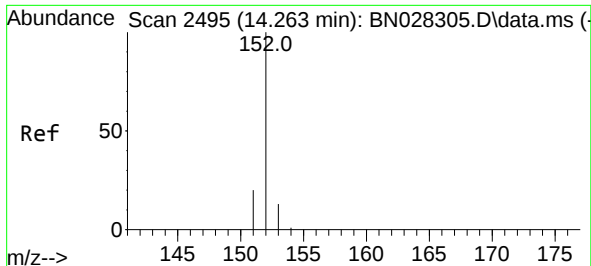


#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.599 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27



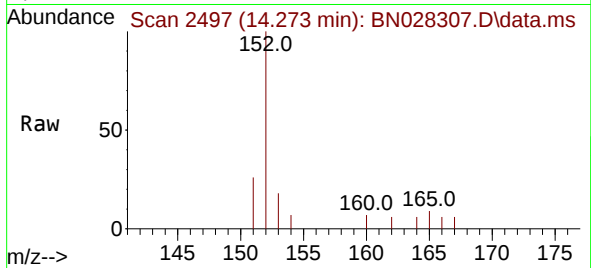
Tgt Ion:142 Resp: 1306
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6





#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

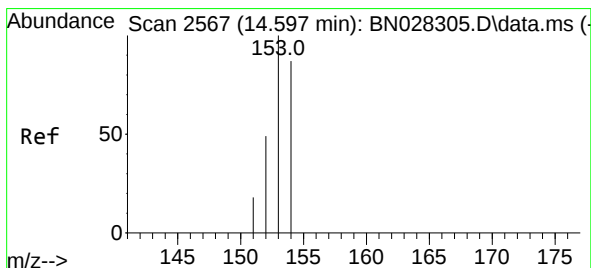
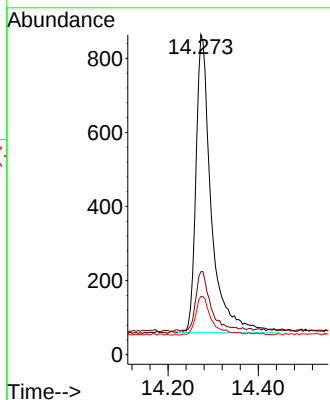
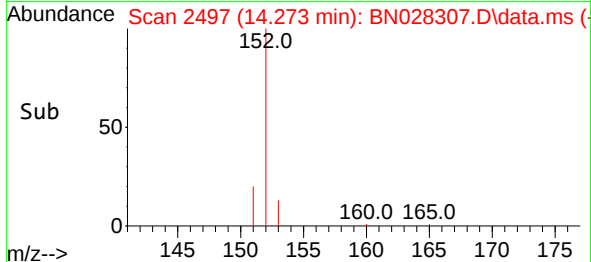
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



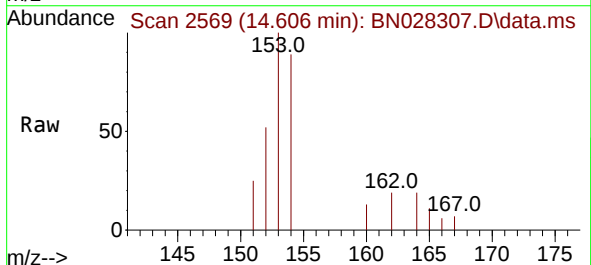
Tgt Ion:152 Resp: 1890
Ion Ratio Lower Upper
152 100
151 25.9 16.4 24.6
153 18.2 10.9 16.3

Manual Integrations
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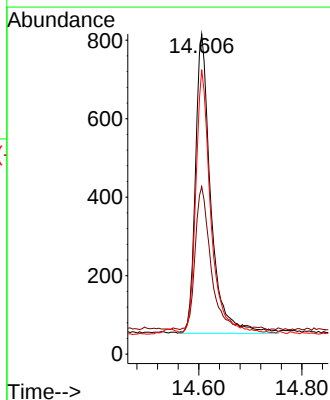
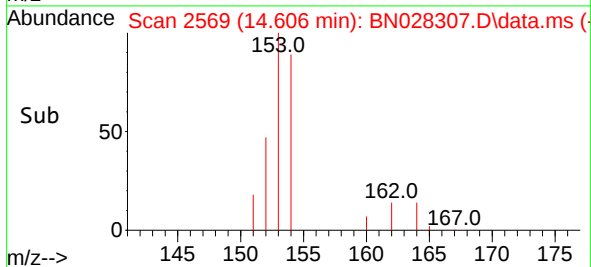
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

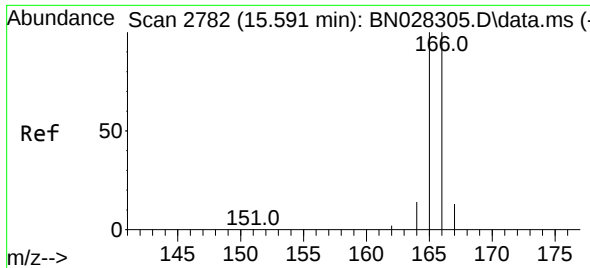


#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.606 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27



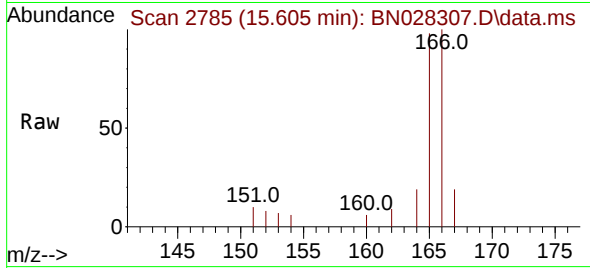
Tgt Ion:153 Resp: 1590
Ion Ratio Lower Upper
153 100
152 52.3 39.4 59.0
154 88.8 70.2 105.4





#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.605 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

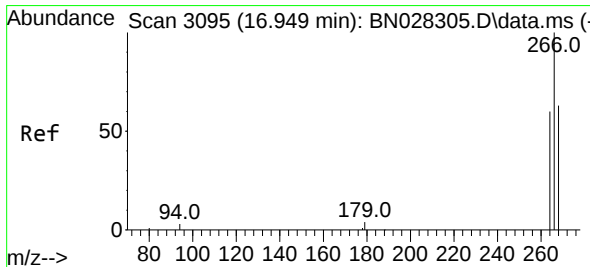
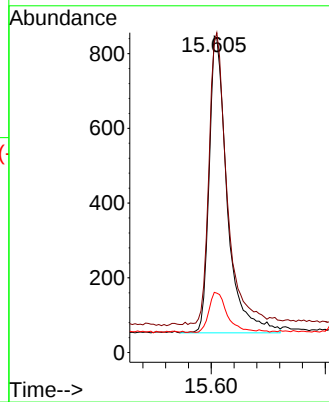
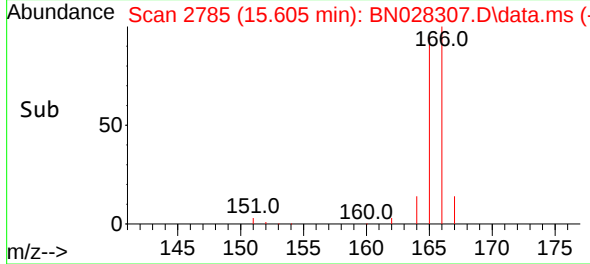
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:166 Resp: 174
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 19.0 11.2 16.8

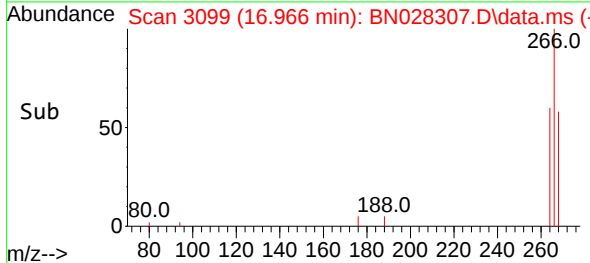
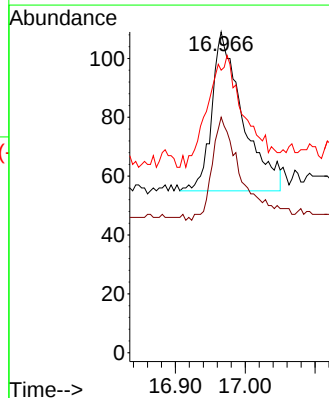
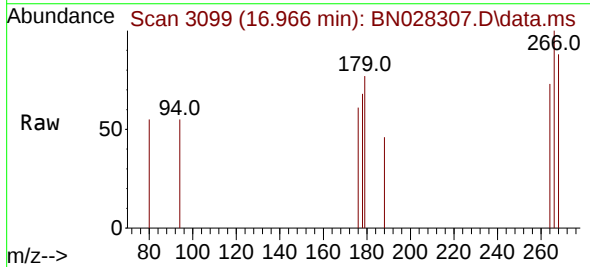
Manual Integrations
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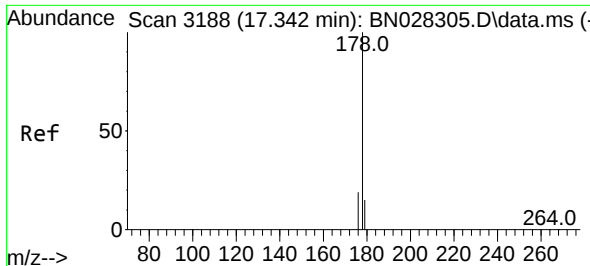
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 16.966 min Scan# 3099
Delta R.T. 0.004 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

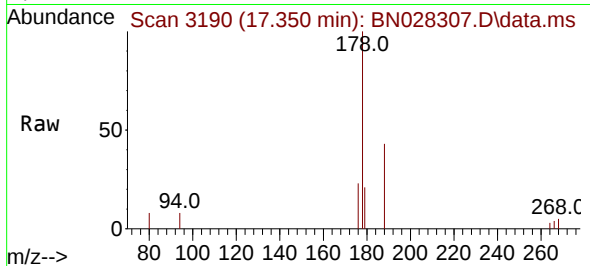
Tgt Ion:266 Resp: 167
Ion Ratio Lower Upper
266 100
264 60.5 49.6 74.4
268 83.8 52.2 78.4





#15
Phenanthrene
Concen: 0.072 ng/u1
RT: 17.350 min Scan# 3188
Delta R.T. 0.004 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

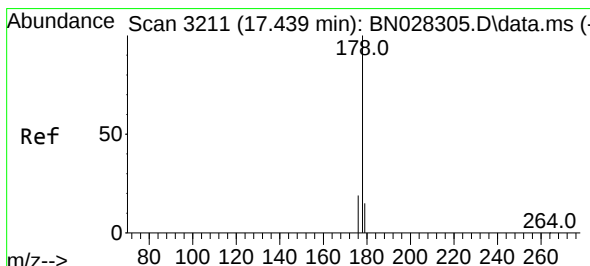
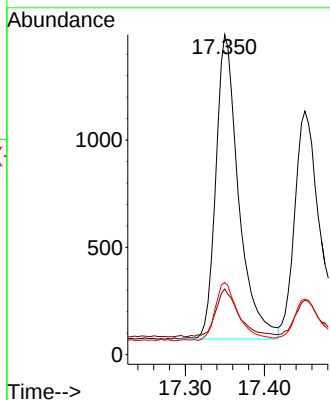
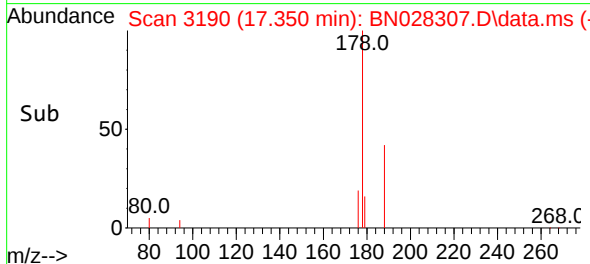
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2023-03



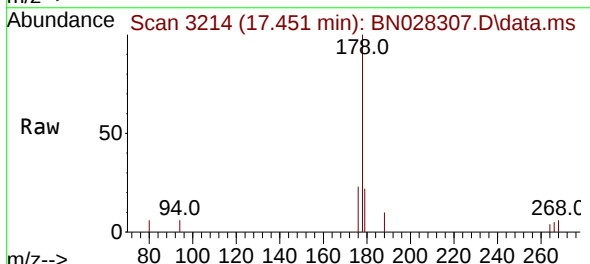
Tgt Ion:178 Resp: 2839
Ion Ratio Lower Upper
178 100
179 20.5 12.6 19.0#
176 22.5 15.5 23.3#

Manual Integrations
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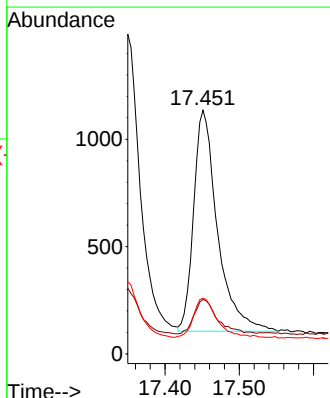
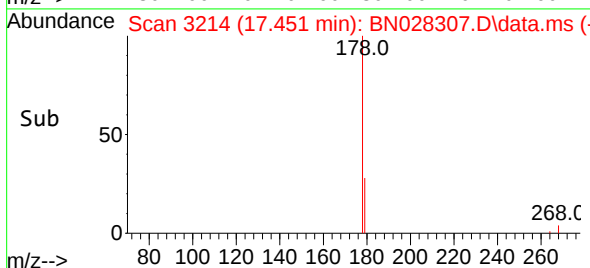
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

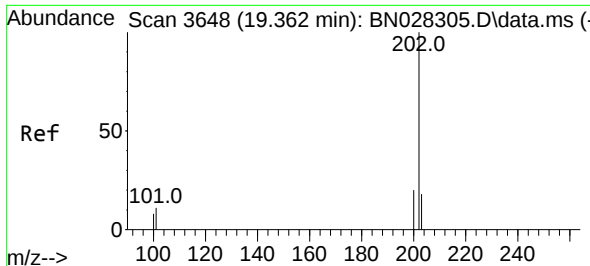


#16
Anthracene
Concen: 0.065 ng/u1
RT: 17.451 min Scan# 3214
Delta R.T. 0.008 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27



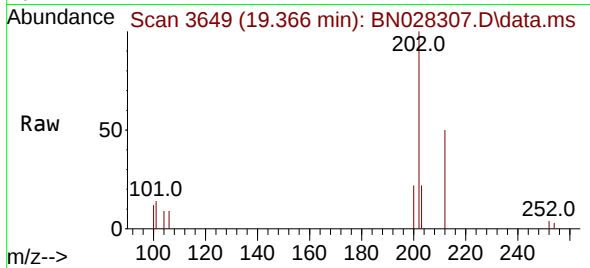
Tgt Ion:178 Resp: 2297
Ion Ratio Lower Upper
178 100
179 22.4 12.8 19.2#
176 22.8 15.0 22.6#





#19
Fluoranthene
Concen: 0.071 ng/u1
RT: 19.366 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

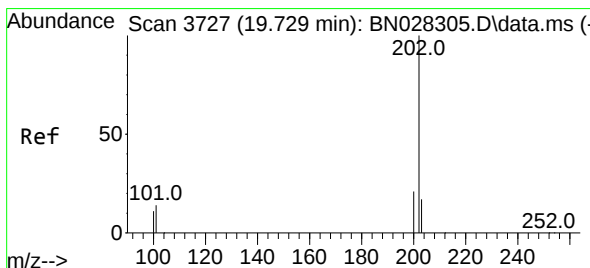
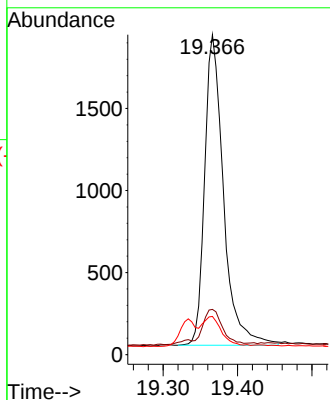
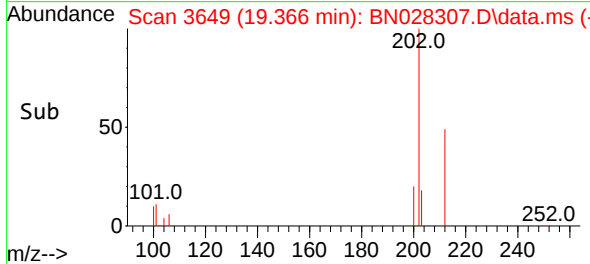
Instrument :
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MDL-WATER-QT2-2023-03



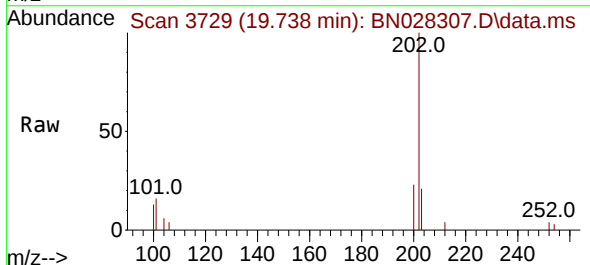
Tgt Ion:202 Resp: 3329
Ion Ratio Lower Upper
202 100
101 14.2 9.6 14.4
100 11.9 7.4 11.0

Manual Integrations
APPROVED

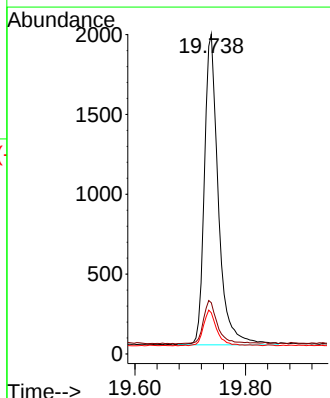
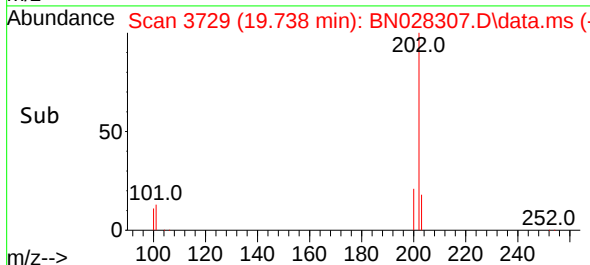
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

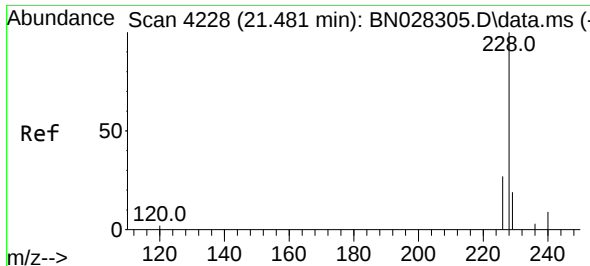


#20
Pyrene
Concen: 0.070 ng/u1
RT: 19.738 min Scan# 3729
Delta R.T. 0.005 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27



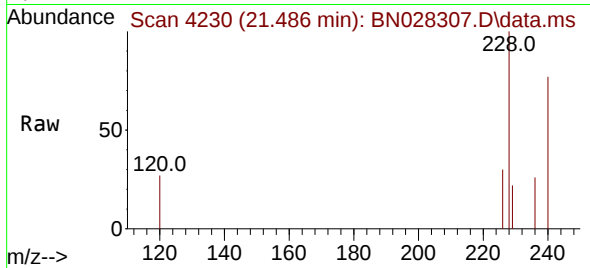
Tgt Ion:202 Resp: 3416
Ion Ratio Lower Upper
202 100
101 16.0 11.2 16.8
100 12.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.486 min Scan# 4228
Delta R.T. 0.003 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

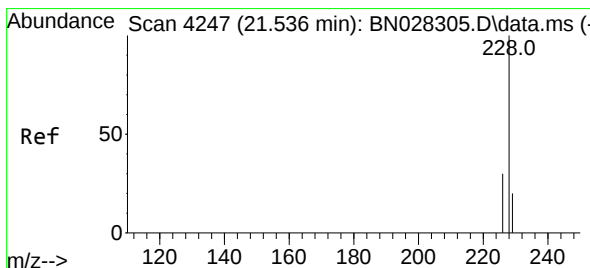
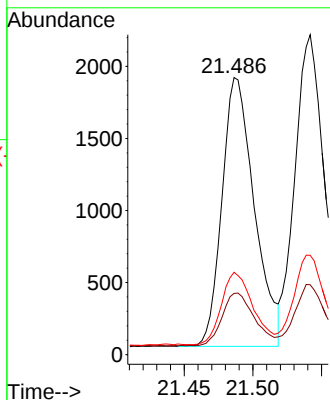
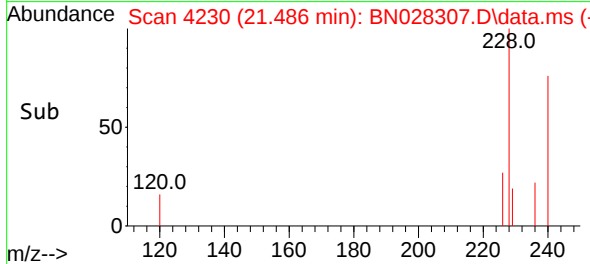
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:228 Resp: 3068
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.7 21.5 32.3

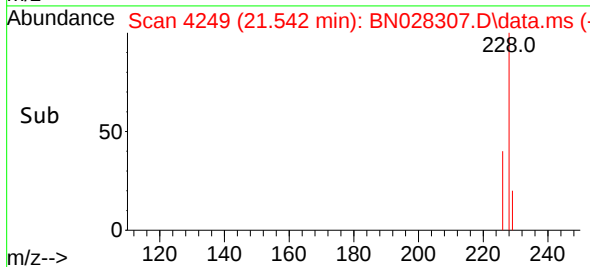
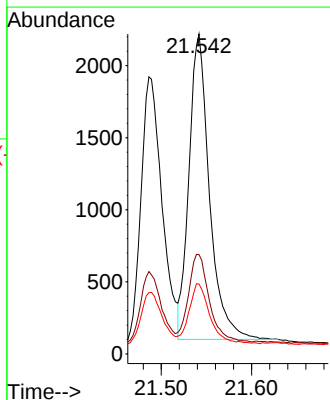
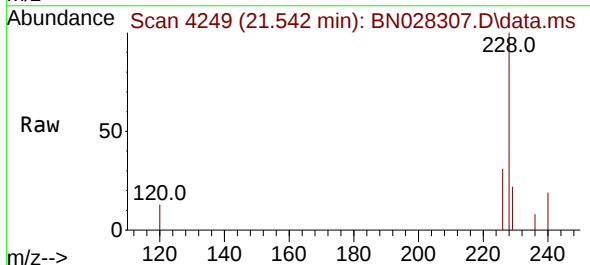
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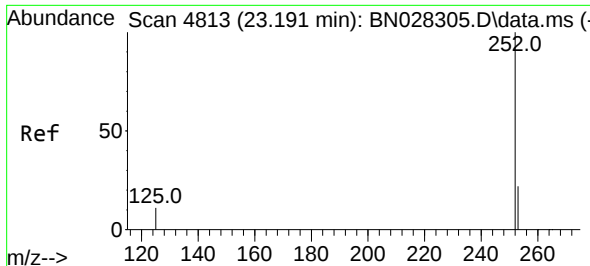
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#22
Chrysene
Concen: 0.074 ng/ul
RT: 21.542 min Scan# 4249
Delta R.T. 0.006 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

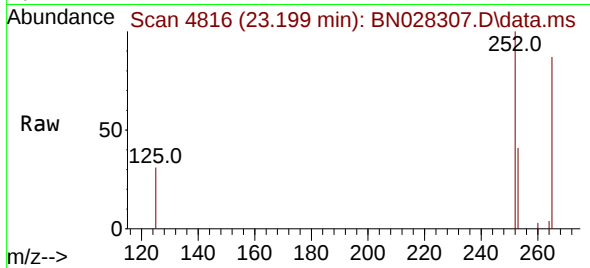
Tgt Ion:228 Resp: 3336
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.8
229 21.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.074 ng/ul
RT: 23.199 min Scan# 4813
Delta R.T. 0.006 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

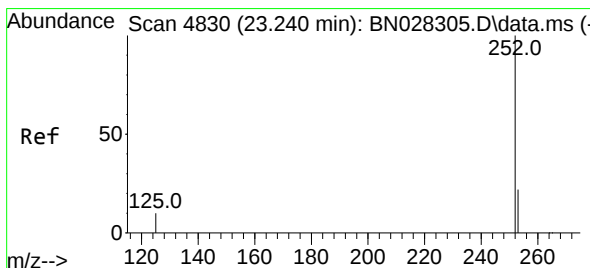
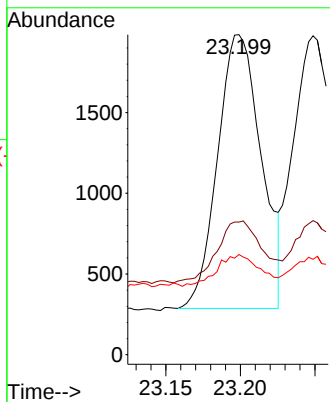
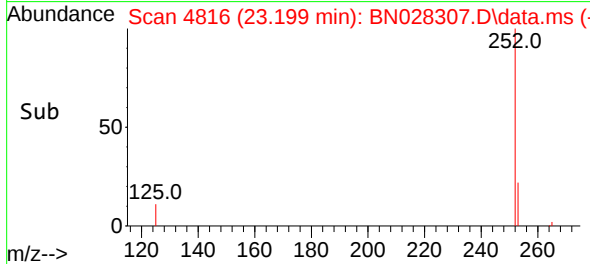
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:252 Resp: 3450
Ion Ratio Lower Upper
252 100
253 41.5 0.0 54.0
125 31.3 0.0 31.4

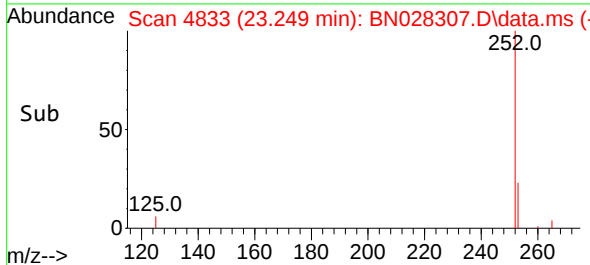
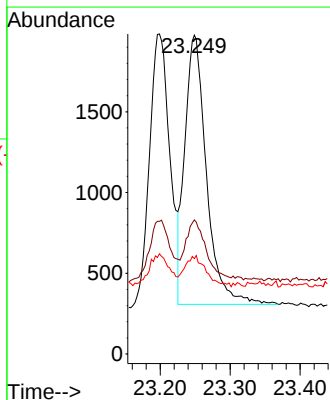
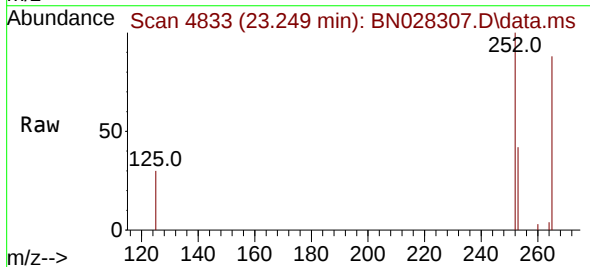
Manual Integrations
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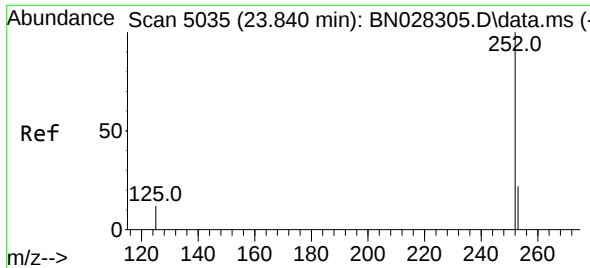
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul
RT: 23.249 min Scan# 4833
Delta R.T. 0.009 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

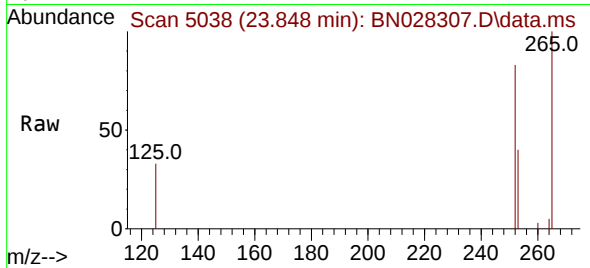
Tgt Ion:252 Resp: 3579
Ion Ratio Lower Upper
252 100
253 42.1 21.8 32.8#
125 29.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.848 min Scan# 5035
Delta R.T. 0.006 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

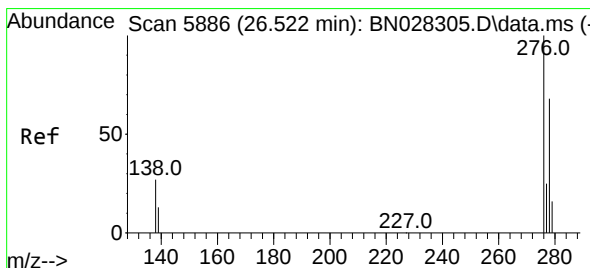
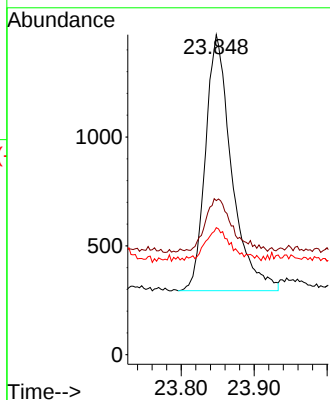
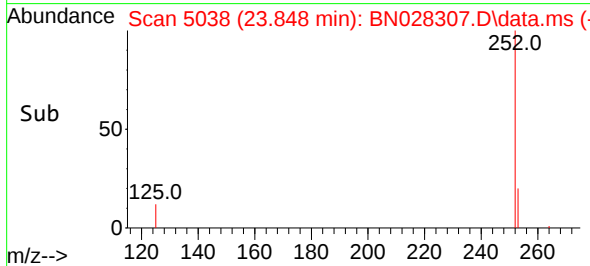
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



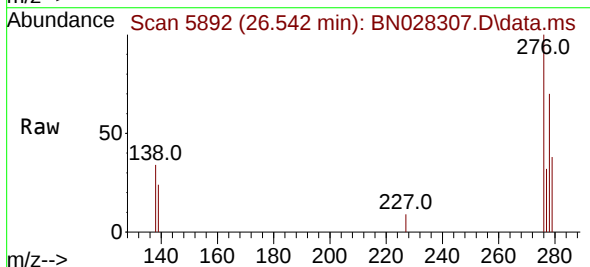
Tgt Ion:252 Resp: 2920
Ion Ratio Lower Upper
252 100
253 48.2 23.4 35.2
125 39.7 15.3 22.9

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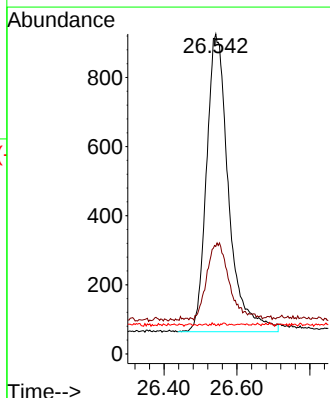
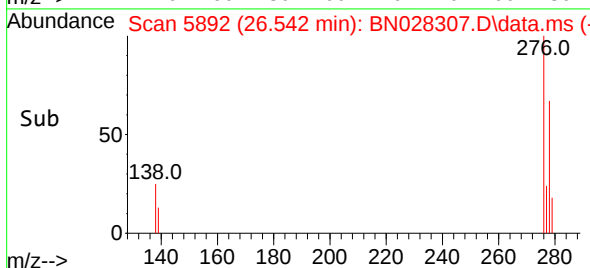
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

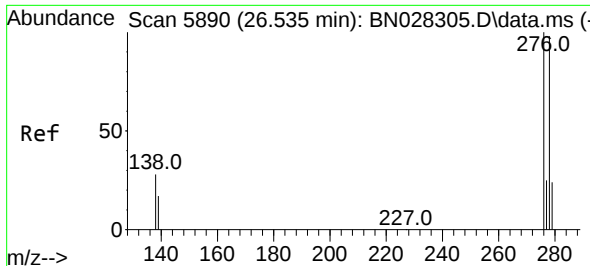


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.542 min Scan# 5892
Delta R.T. 0.017 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27



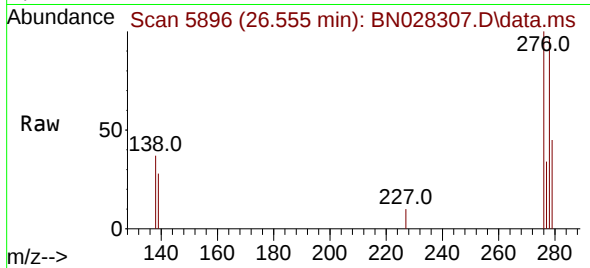
Tgt Ion:276 Resp: 3622
Ion Ratio Lower Upper
276 100
138 26.6 21.6 32.4
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.555 min Scan# 5896
Delta R.T. 0.010 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

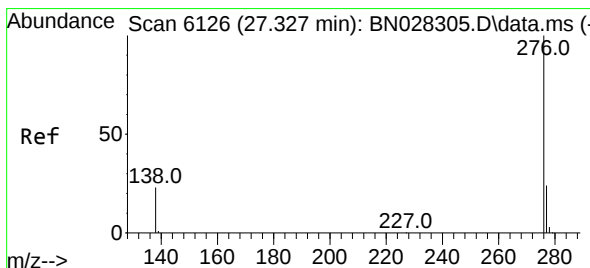
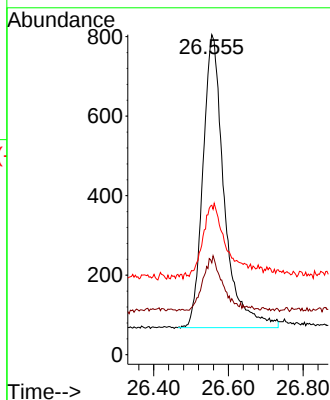
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:278 Resp: 2908
Ion Ratio Lower Upper
278 100
139 28.7 15.9 23.9#
279 46.7 22.8 34.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 27.343 min Scan# 6131
Delta R.T. 0.013 min
Lab File: BN028307.D
Acq: 17 Oct 2023 13:27

Tgt Ion:276 Resp: 3107
Ion Ratio Lower Upper
276 100
138 32.3 19.8 29.6#
277 32.4 20.6 31.0#

