

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
 Data File : BN028309.D
 Acq On : 17 Oct 2023 15:24
 Operator : MA/JU
 Sample : 03573-01
 Misc : SFDAM-SIM-MDL-WATER-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Oct 17 15:53:26 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	7.899	152	1996	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	6898	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.550	164	4159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	8924	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	8598	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	9302	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	1079	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	3861	0.347	ng/ul	0.02
18) Fluoranthene-d10	19.334	212	10785	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.300	88	233m	0.088	ng/ul	
5) Naphthalene	10.784	128	1383	0.071	ng/ul#	71
7) 2-Methylnaphthalene	12.401	142	809	0.065	ng/ul	97
8) 1-Methylnaphthalene	12.610	142	818	0.064	ng/ul	98
10) Acenaphthylene	14.282	152	1303	0.069	ng/ul#	81
11) Acenaphthene	14.610	153	1066	0.071	ng/ul	96
12) Fluorene	15.619	166	1175	0.070	ng/ul#	92
14) Pentachlorophenol	16.978	266	137	0.072	ng/ul#	60
15) Phenanthrene	17.358	178	1917	0.072	ng/ul#	89
16) Anthracene	17.459	178	1569	0.066	ng/ul#	81
19) Fluoranthene	19.366	202	2288	0.070	ng/ul#	90
20) Pyrene	19.733	202	2413	0.071	ng/ul#	92
21) Benzo(a)anthracene	21.486	228	2121	0.068	ng/ul	94
22) Chrysene	21.539	228	2315	0.073	ng/ul	94
24) Benzo(b)fluoranthene	23.190	252	2466	0.071	ng/ul#	56
25) Benzo(k)fluoranthene	23.246	252	2515	0.073	ng/ul#	54
26) Benzo(a)pyrene	23.848	252	2243	0.076	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.532	276	2945	0.083	ng/ul	97
28) Dibenzo(a,h)anthracene	26.542	278	2333	0.081	ng/ul#	60
29) Benzo(g,h,i)perylene	27.333	276	2509	0.086	ng/ul#	76

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

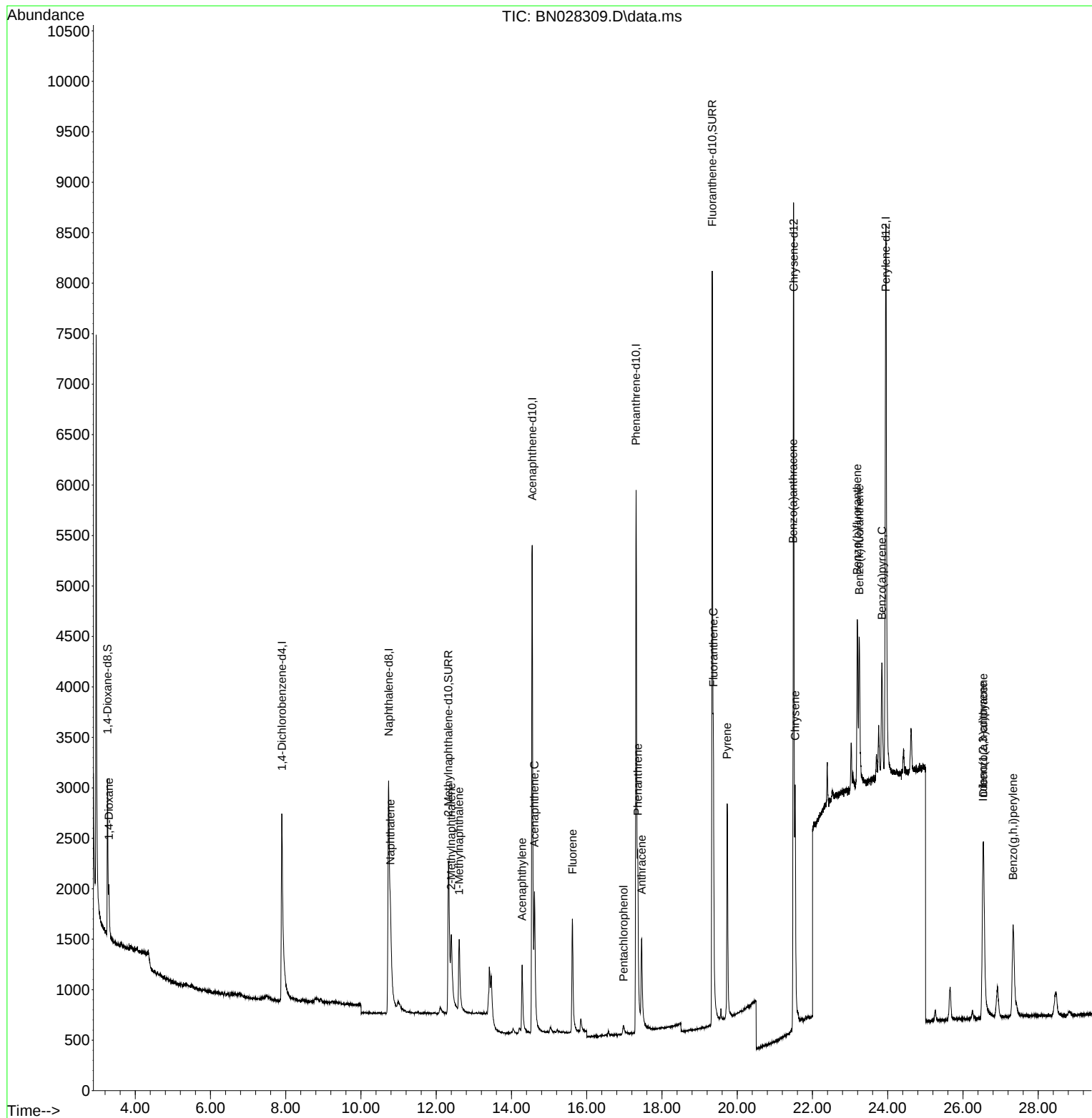
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028309.D
Acq On : 17 Oct 2023 15:24
Operator : MA/JU
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ALS Vial : 6 Sample Multiplier: 1

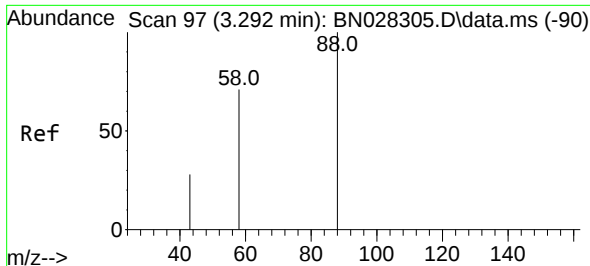
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05

Quant Time: Oct 17 15:53:26 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
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APPROVED

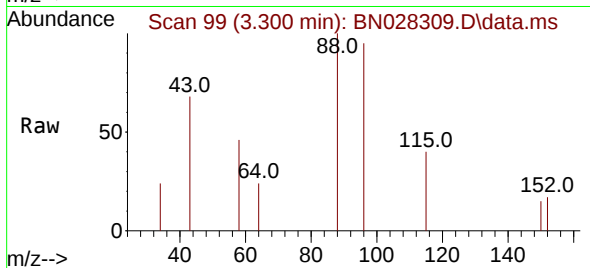
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023





#2
1,4-Dioxane
Concen: 0.088 ng/ul m
RT: 3.300 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

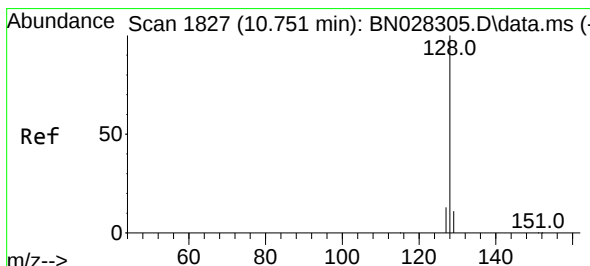
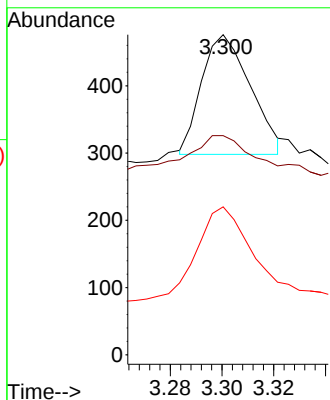
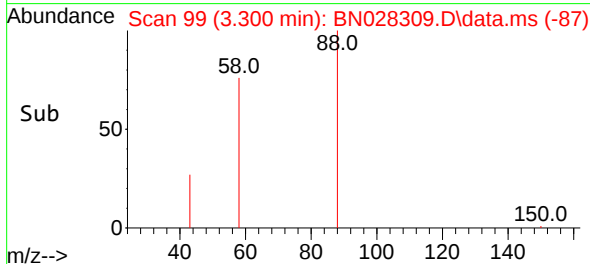
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 88 Resp: 233
Ion Ratio Lower Upper
88 100
43 68.5 33.4 50.2
58 46.2 45.7 68.5

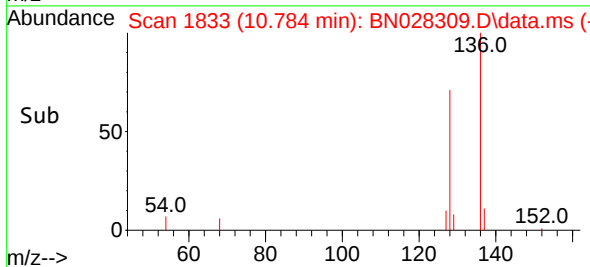
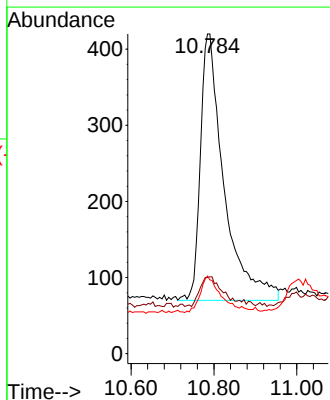
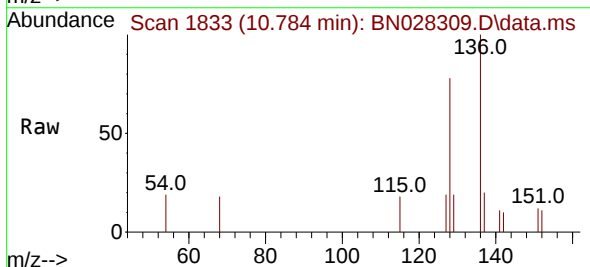
Manual Integrations
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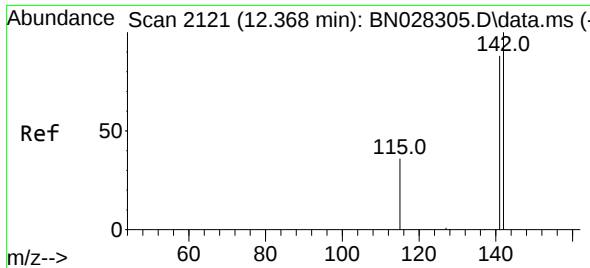
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.784 min Scan# 1833
Delta R.T. 0.022 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

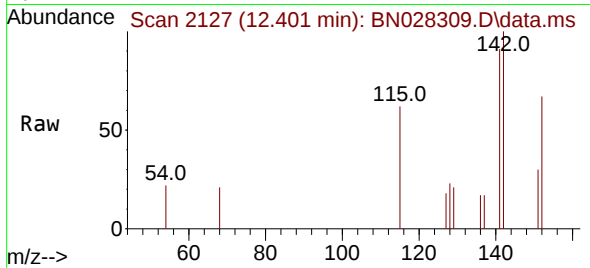
Tgt Ion:128 Resp: 1383
Ion Ratio Lower Upper
128 100
129 23.8 9.4 14.0#
127 24.3 11.0 16.4#





#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. 0.022 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

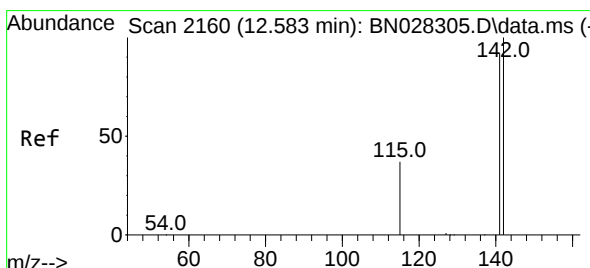
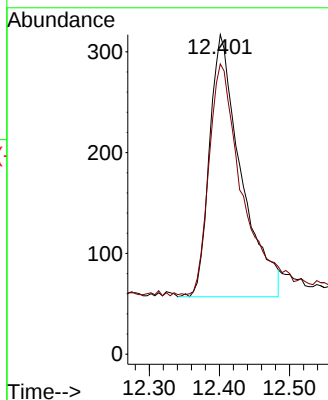
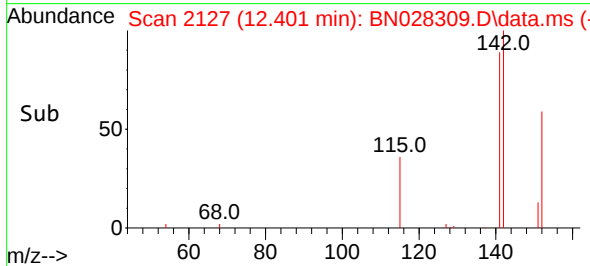
Instrument :
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MDL-WATER-QT3-2023-05



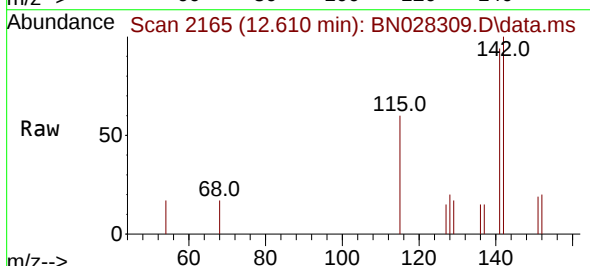
Tgt Ion:142 Resp: 809
Ion Ratio Lower Upper
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141 91.0 70.9 106.3

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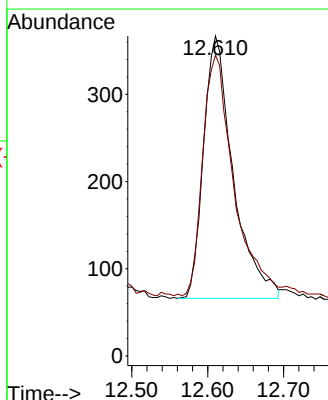
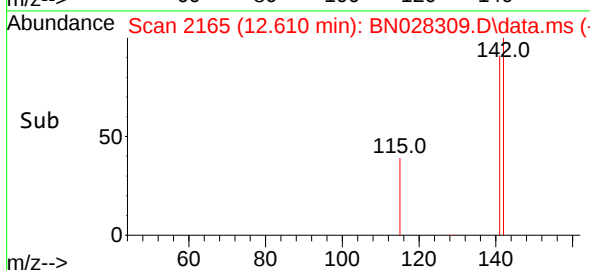
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

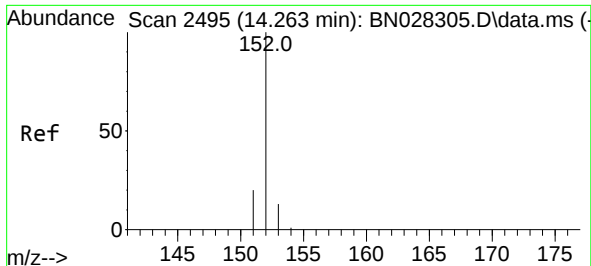


#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.610 min Scan# 2165
Delta R.T. 0.017 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24



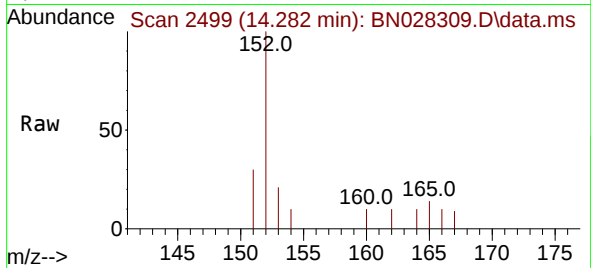
Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
141 95.2 74.4 111.6





#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.282 min Scan# 2499
Delta R.T. 0.009 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

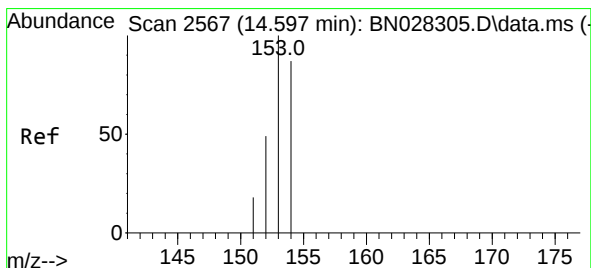
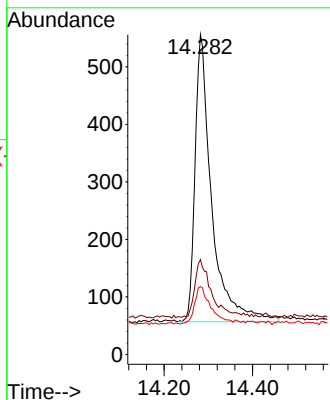
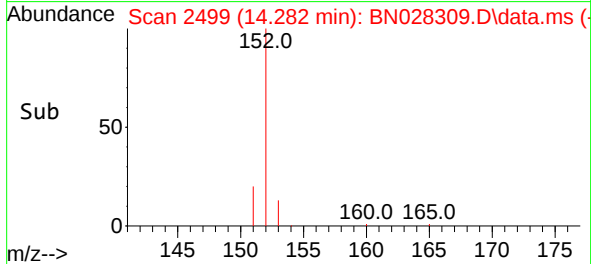
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:152 Resp: 130
Ion Ratio Lower Upper
152 100
151 29.7 16.4 24.6
153 21.2 10.9 16.3

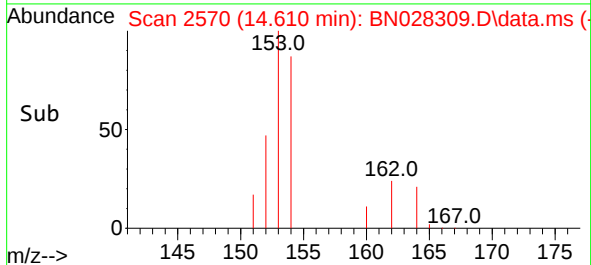
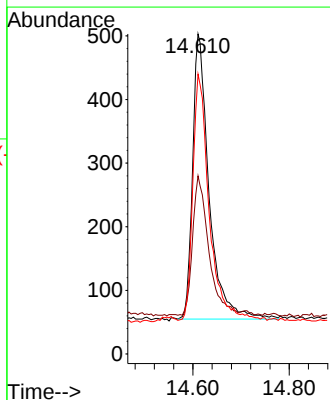
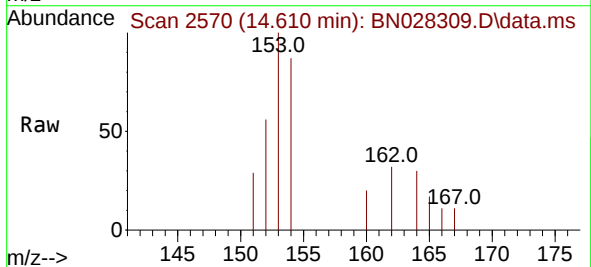
Manual Integrations
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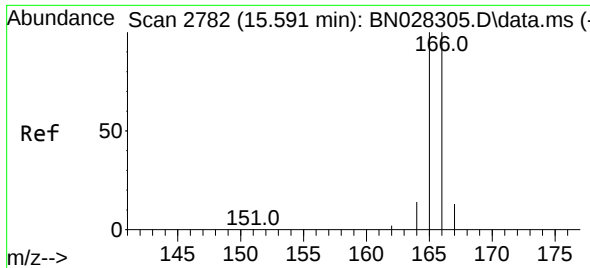
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#11
Acenaphthene
Concen: 0.071 ng/ul
RT: 14.610 min Scan# 2570
Delta R.T. 0.005 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

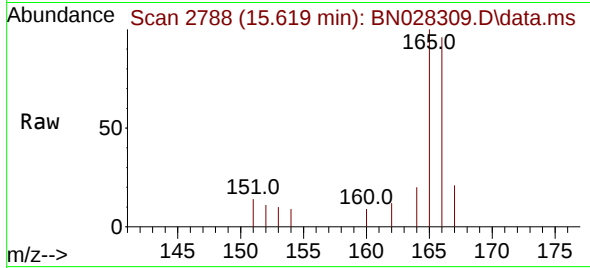
Tgt Ion:153 Resp: 1066
Ion Ratio Lower Upper
153 100
152 55.7 39.4 59.0
154 87.5 70.2 105.4





#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.619 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

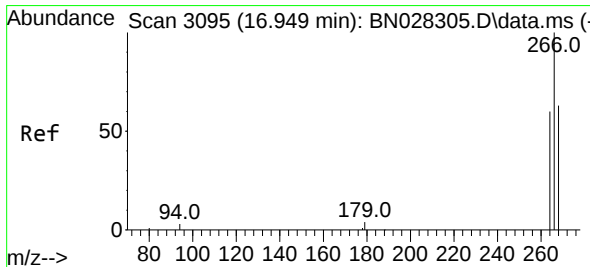
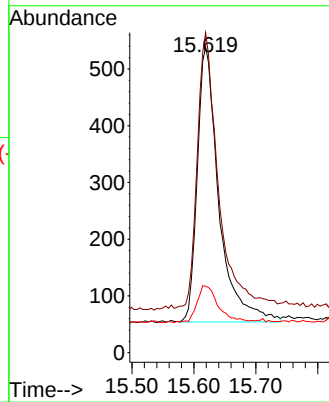
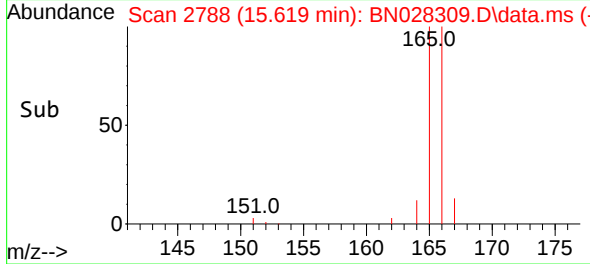
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:166 Resp: 117
Ion Ratio Lower Upper
166 100
165 104.6 78.5 117.7
167 21.7 11.2 16.8

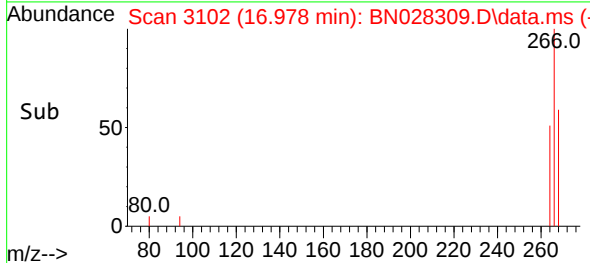
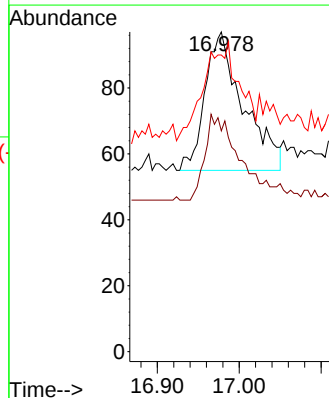
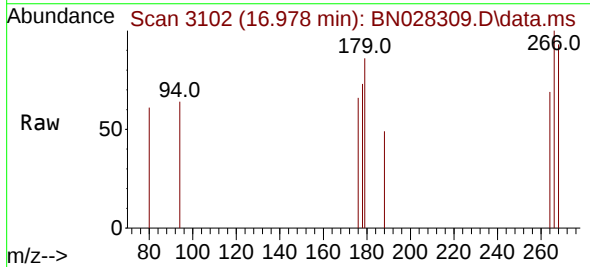
Manual Integrations
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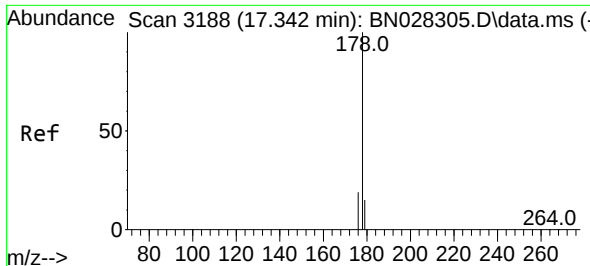
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. 0.017 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

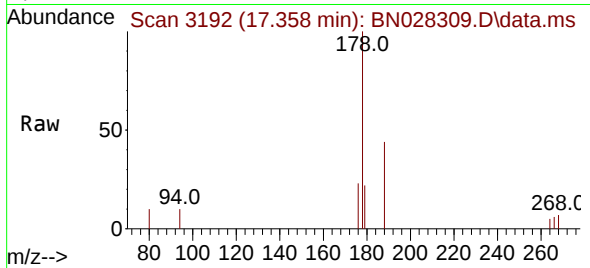
Tgt Ion:266 Resp: 137
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 66.4 52.2 78.4





#15
Phenanthrene
Concen: 0.072 ng/u1
RT: 17.358 min Scan# 3188
Delta R.T. 0.013 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

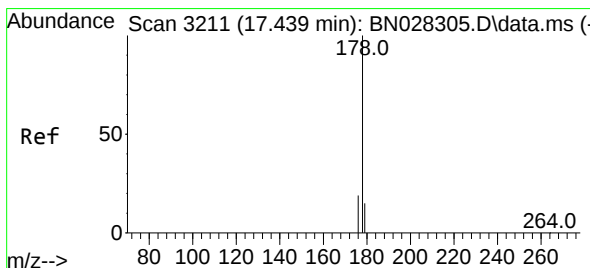
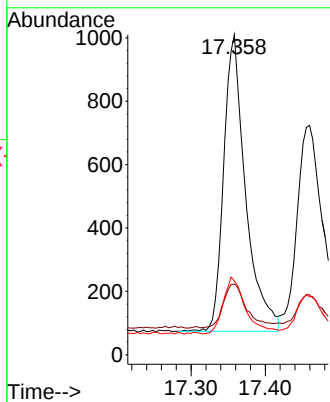
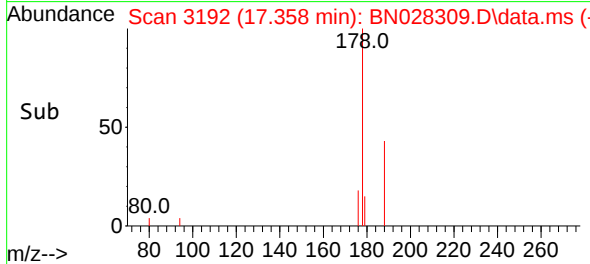
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:178 Resp: 1917
Ion Ratio Lower Upper
178 100
179 22.1 12.6 19.0#
176 23.1 15.5 23.3#

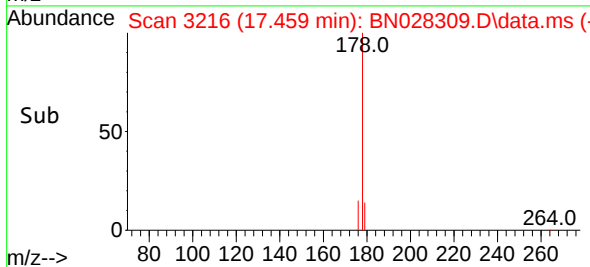
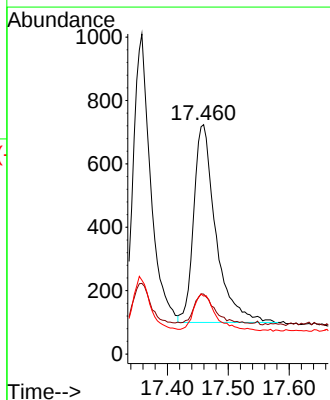
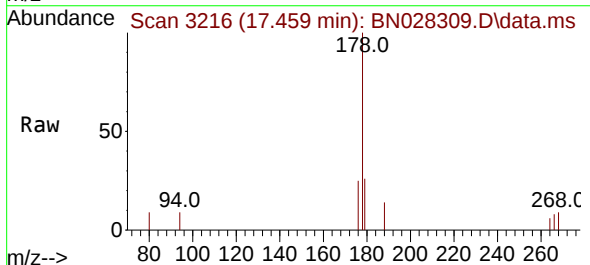
Manual Integrations
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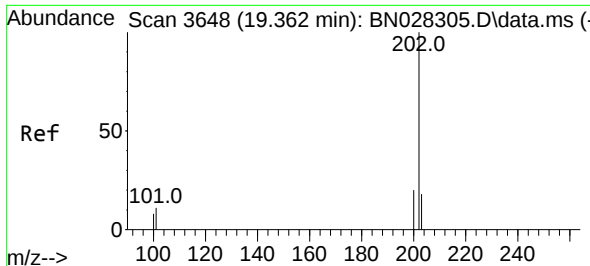
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#16
Anthracene
Concen: 0.066 ng/u1
RT: 17.459 min Scan# 3216
Delta R.T. 0.017 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

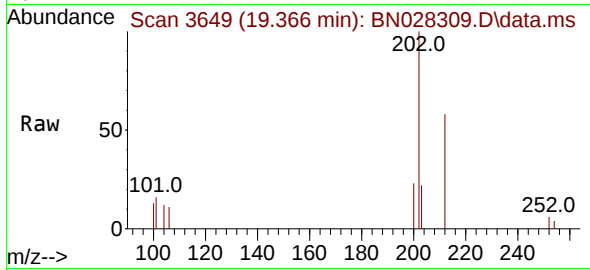
Tgt Ion:178 Resp: 1569
Ion Ratio Lower Upper
178 100
179 26.1 12.8 19.2#
176 25.3 15.0 22.6#





#19
Fluoranthene
Concen: 0.070 ng/u1
RT: 19.366 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

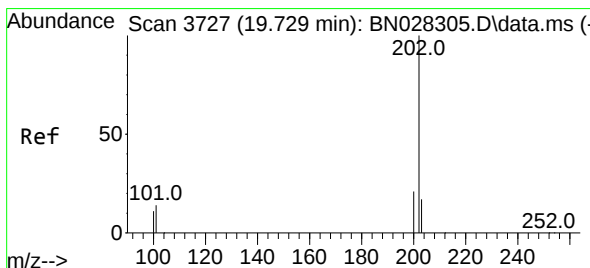
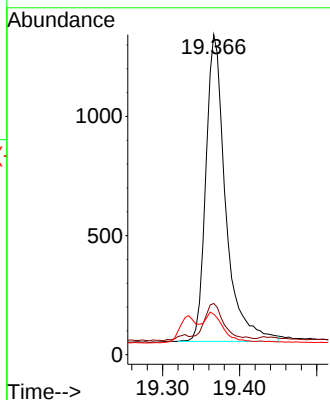
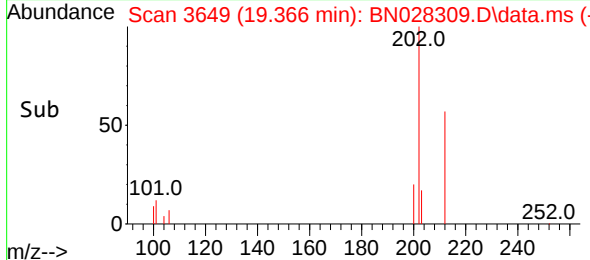
Instrument :
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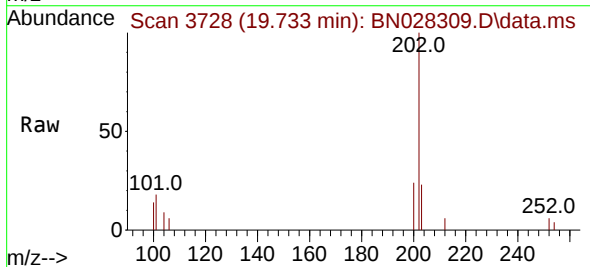
Tgt Ion:202 Resp: 2288
Ion Ratio Lower Upper
202 100
101 16.0 9.6 14.4#
100 12.7 7.4 11.0#

Manual Integrations
APPROVED

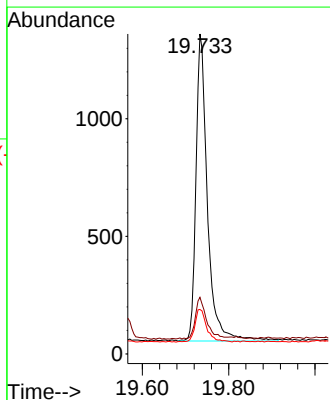
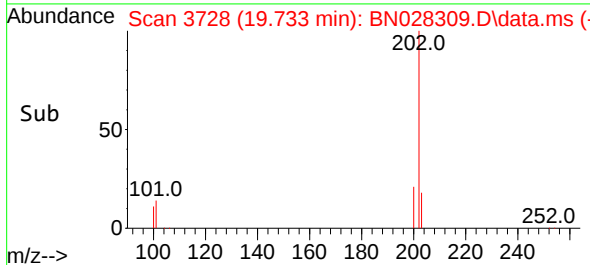
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

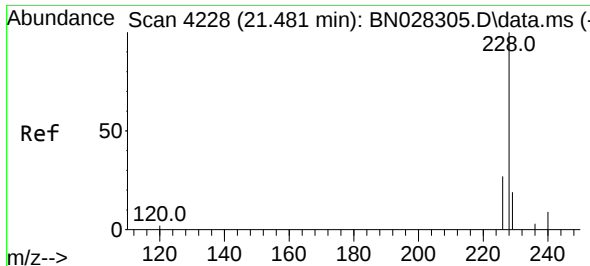


#20
Pyrene
Concen: 0.071 ng/u1
RT: 19.733 min Scan# 3728
Delta R.T. 0.000 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24



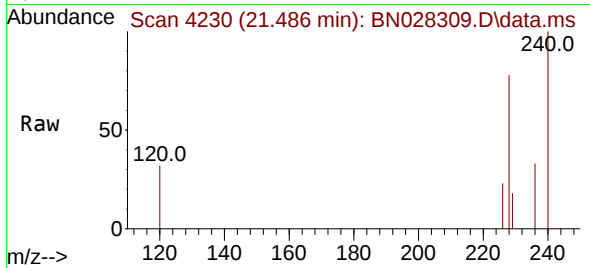
Tgt Ion:202 Resp: 2413
Ion Ratio Lower Upper
202 100
101 17.7 11.2 16.8#
100 13.9 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.068 ng/u1
RT: 21.486 min Scan# 4228
Delta R.T. 0.003 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

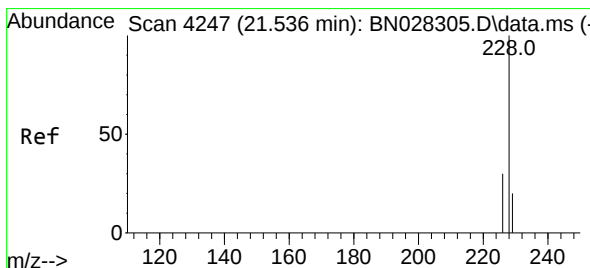
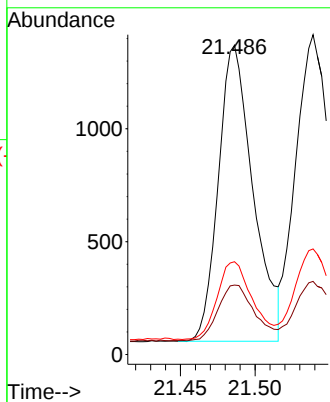
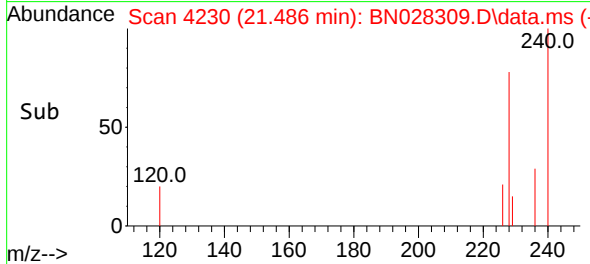
Instrument :
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MDL-WATER-QT3-2023-05



Tgt Ion:228 Resp: 212
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 30.0 21.5 32.3

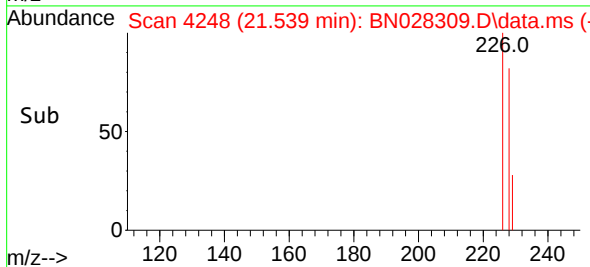
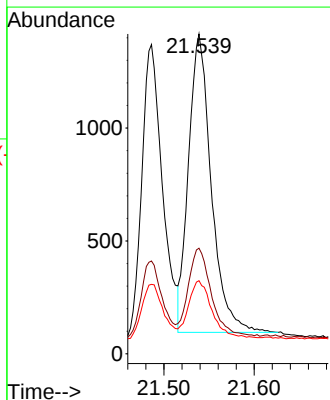
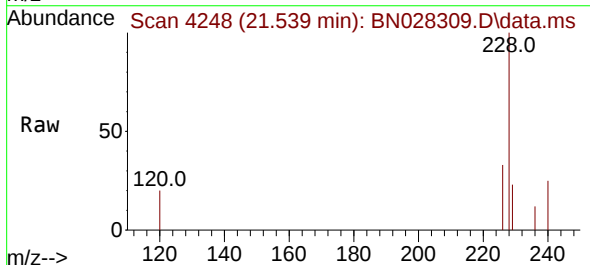
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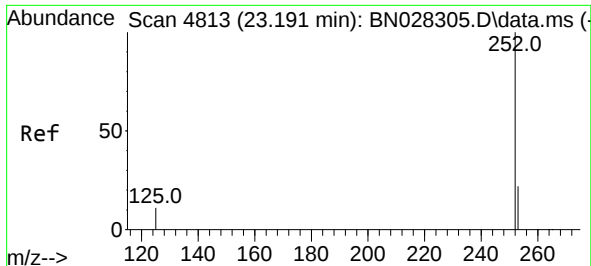
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#22
Chrysene
Concen: 0.073 ng/u1
RT: 21.539 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

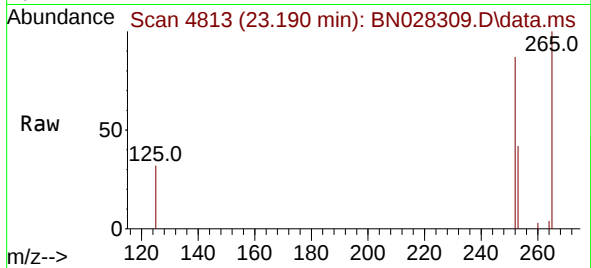
Tgt Ion:228 Resp: 2315
Ion Ratio Lower Upper
228 100
226 33.0 23.8 35.8
229 22.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul
RT: 23.190 min Scan# 4813
Delta R.T. -0.003 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

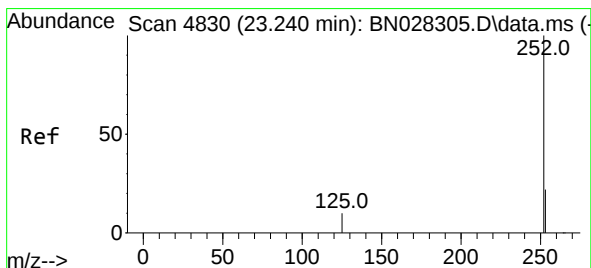
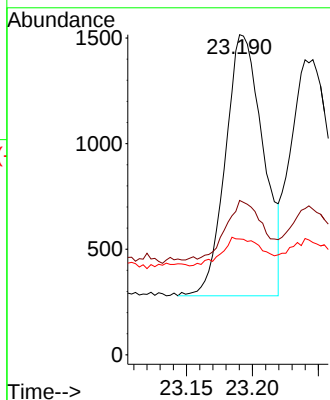
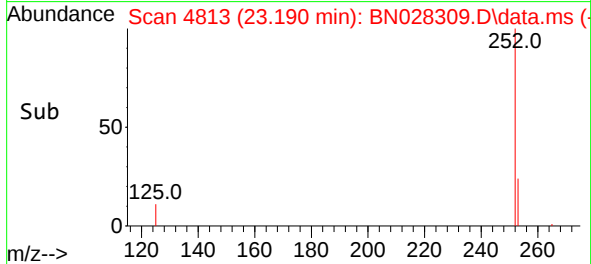
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



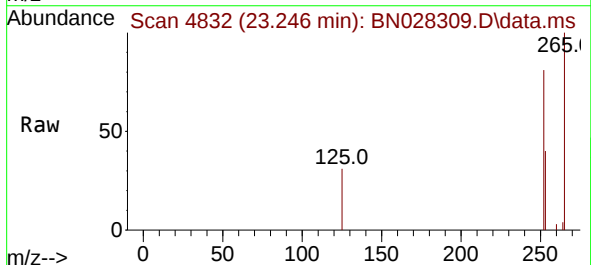
Tgt Ion:252 Resp: 2460
Ion Ratio Lower Upper
252 100
253 48.2 0.0 54.0
125 36.1 0.0 31.4

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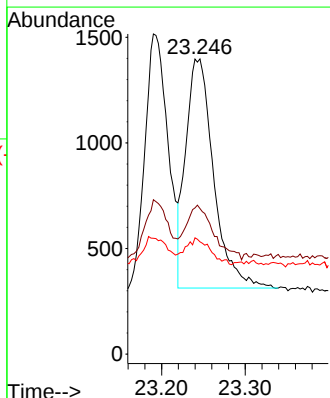
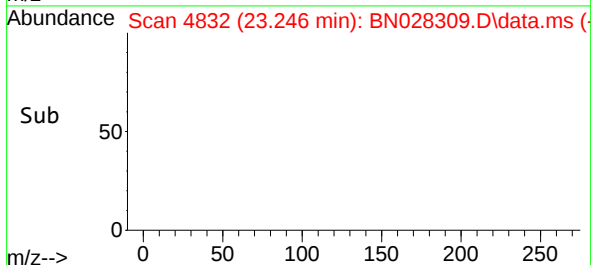
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

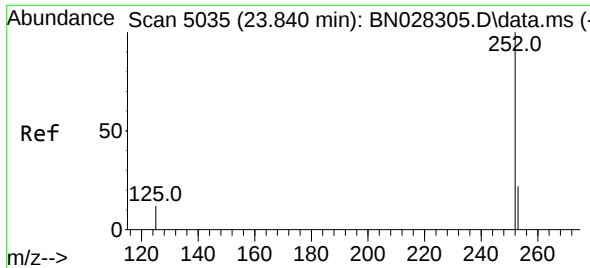


#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24



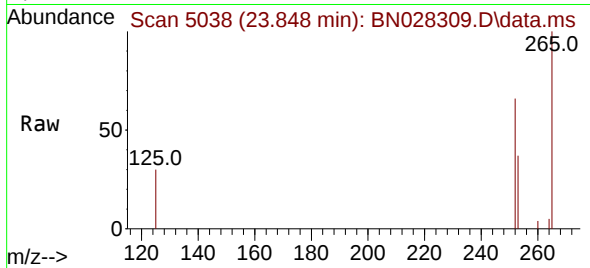
Tgt Ion:252 Resp: 2515
Ion Ratio Lower Upper
252 100
253 49.3 21.8 32.8#
125 38.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.076 ng/ul
RT: 23.848 min Scan# 5038
Delta R.T. 0.006 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

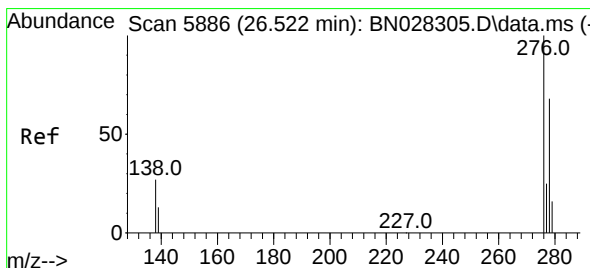
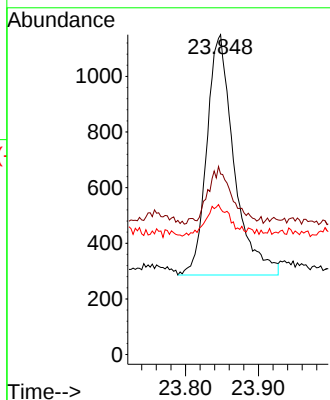
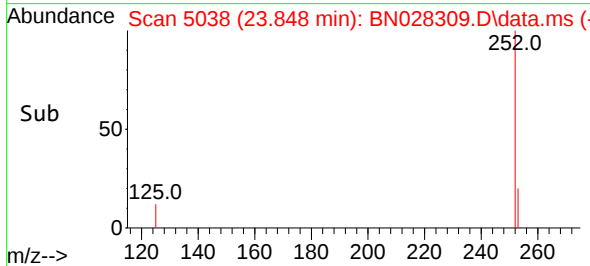
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



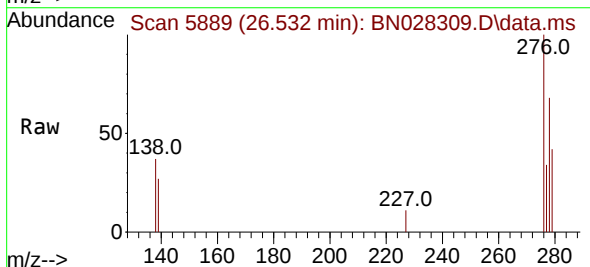
Tgt Ion:252 Resp: 224
Ion Ratio Lower Upper
252 100
253 56.4 23.4 35.2
125 45.6 15.3 22.9

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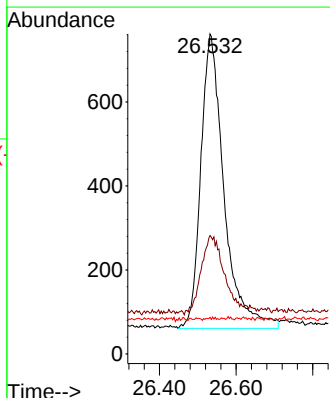
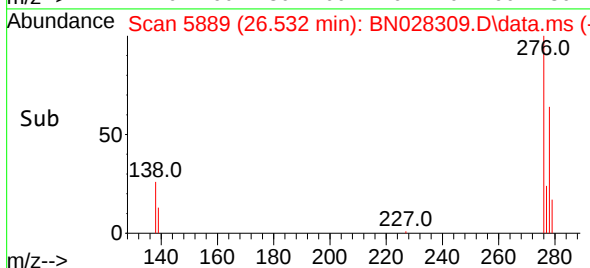
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

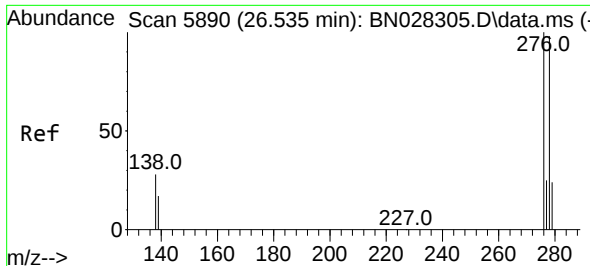


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 26.532 min Scan# 5889
Delta R.T. 0.007 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24



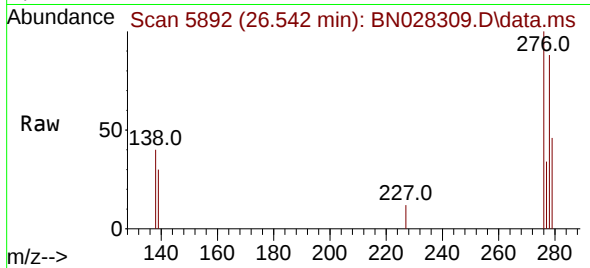
Tgt Ion:276 Resp: 2945
Ion Ratio Lower Upper
276 100
138 28.4 21.6 32.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 26.542 min Scan# 5890
Delta R.T. -0.003 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24

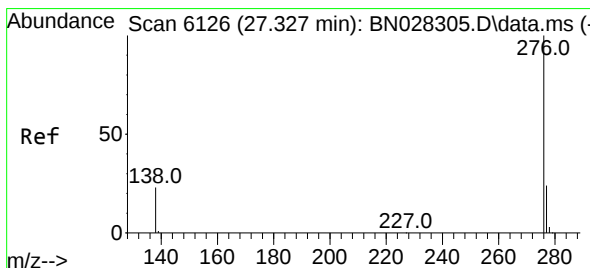
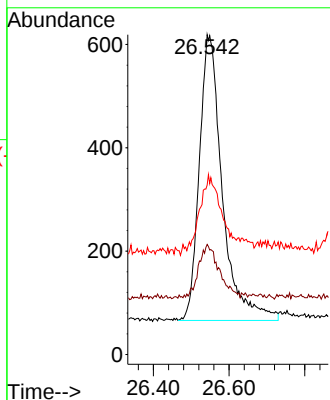
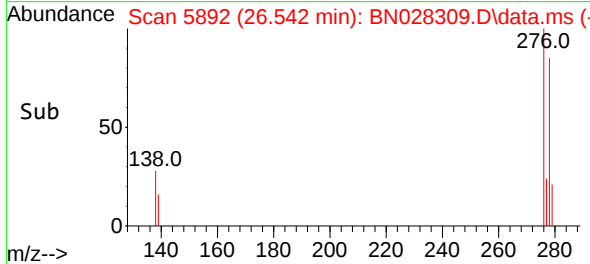
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05



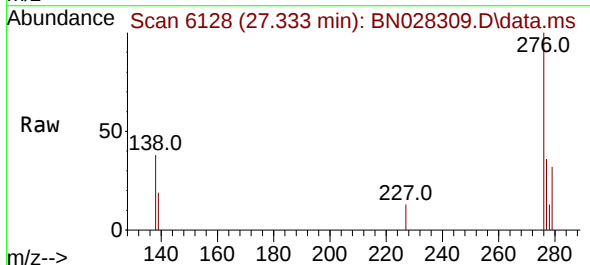
Tgt Ion:278 Resp: 233
Ion Ratio Lower Upper
278 100
139 34.4 15.9 23.9#
279 53.0 22.8 34.2#

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



#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.333 min Scan# 6128
Delta R.T. 0.003 min
Lab File: BN028309.D
Acq: 17 Oct 2023 15:24



Tgt Ion:276 Resp: 2509
Ion Ratio Lower Upper
276 100
138 38.2 19.8 29.6#
277 36.3 20.6 31.0#

