

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030222\
 Data File : BN018788.D
 Acq On : 02 Mar 2022 11:38
 Operator : CG/JU
 Sample : N1331-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Mar 02 12:09:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
 Supervised By :mohammad ahmed 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	9220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	24632	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	14627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	30986	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	27021	0.400	ng/ul	# 0.00
23) Perylene-d12	23.857	264	23586	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	6705	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.304	152	11926	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	29296	0.363	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.327	88	740m	0.069	ng/ul	
5) Naphthalene	10.765	128	4592	0.066	ng/ul	97
7) 2-Methylnaphthalene	12.376	142	3082	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	3078	0.069	ng/ul	99
10) Acenaphthylene	14.266	152	3926	0.060	ng/ul	97
11) Acenaphthene	14.608	153	3388	0.064	ng/ul	99
12) Fluorene	15.589	166	3746	0.066	ng/ul	99
14) Pentachlorophenol	16.938	266	537m	0.085	ng/ul	
15) Phenanthrene	17.327	178	6545	0.064	ng/ul	98
16) Anthracene	17.419	178	5246	0.058	ng/ul	98
19) Fluoranthene	19.341	202	7885	0.070	ng/ul#	92
20) Pyrene	19.699	202	7780	0.066	ng/ul#	88
21) Benzo(a)anthracene	21.445	228	6236	0.060	ng/ul	98
22) Chrysene	21.498	228	7319	0.067	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	7327m	0.070	ng/ul	
25) Benzo(k)fluoranthene	23.175	252	7149	0.068	ng/ul#	83
26) Benzo(a)pyrene	23.751	252	6269	0.068	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.347	276	6988	0.059	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.364	278	5392	0.058	ng/ul#	84
29) Benzo(g,h,i)perylene	27.108	276	5894	0.058	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030222\
 Data File : BN018788.D
 Acq On : 02 Mar 2022 11:38
 Operator : CG/JU
 Sample : N1331-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
 Supervised By :mohammad ahmed 03/07/2022

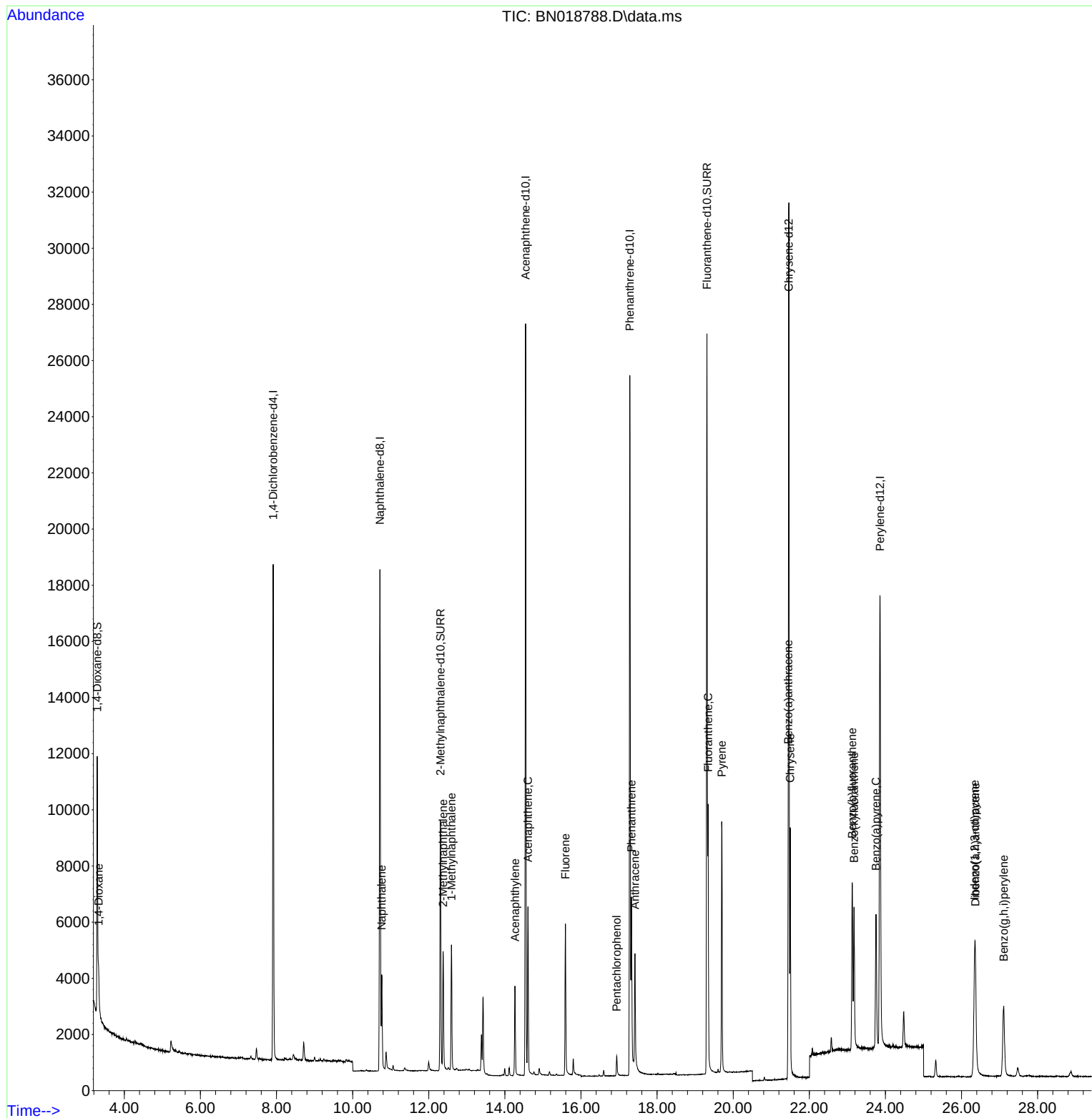
Quant Time: Mar 02 12:09:17 2022

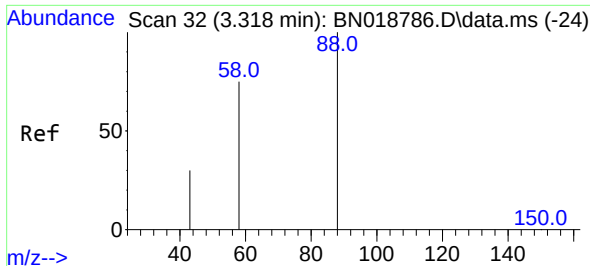
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 18 13:39:55 2022

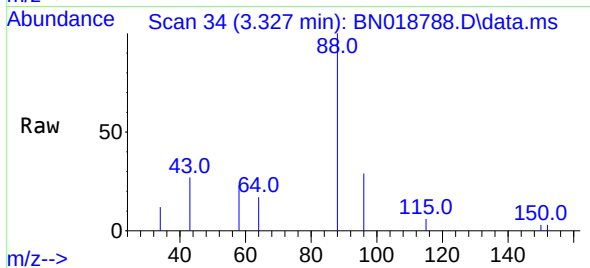
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.069 ng/ul m
RT: 3.327 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

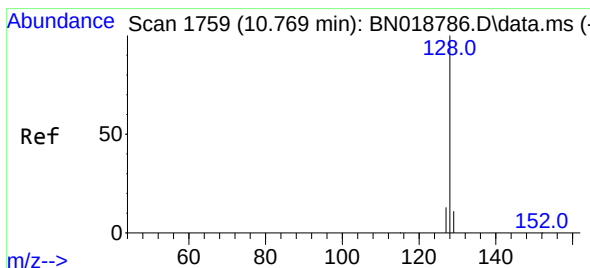
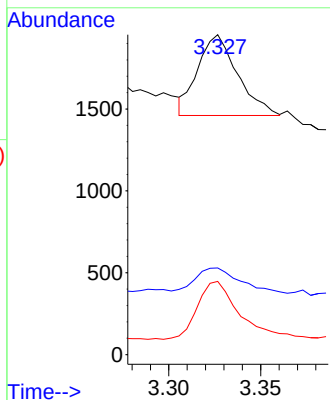
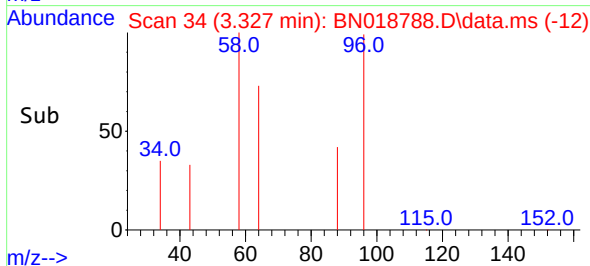
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion: 88 Resp: 740
Ion Ratio Lower Upper
88 100
43 27.1 47.8 71.8
58 22.9 46.2 69.2

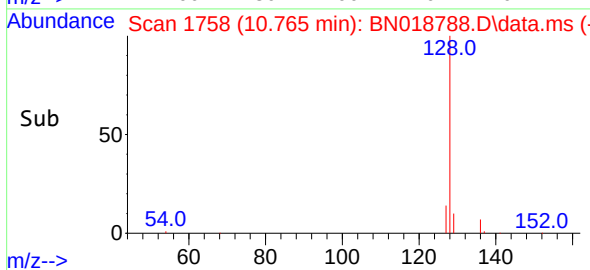
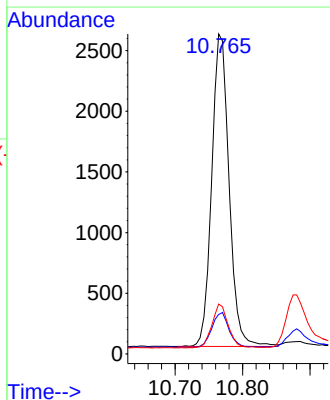
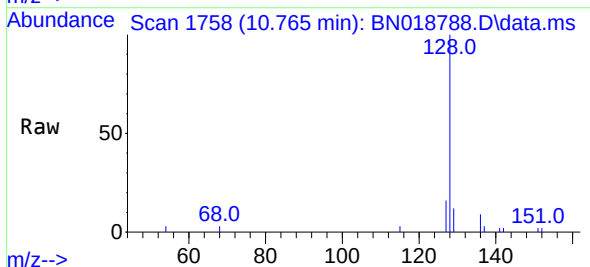
Manual Integrations
APPROVED

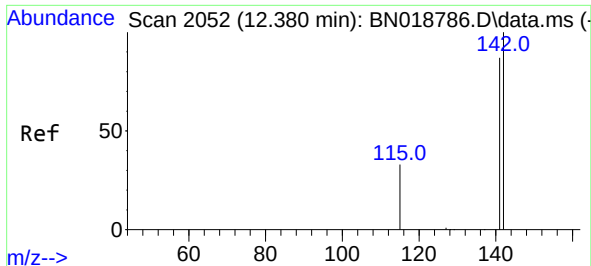
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

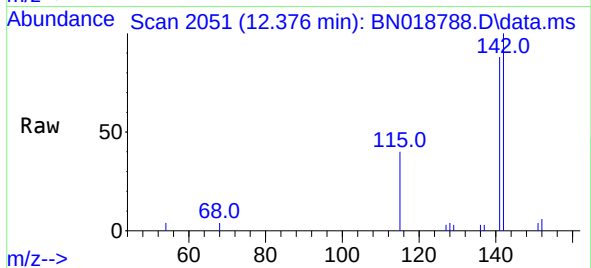
Tgt Ion:128 Resp: 4592
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 15.6 11.0 16.6





#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. -0.009 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

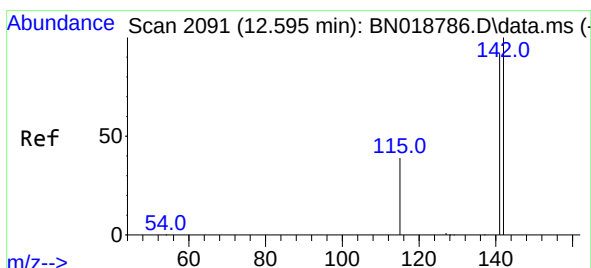
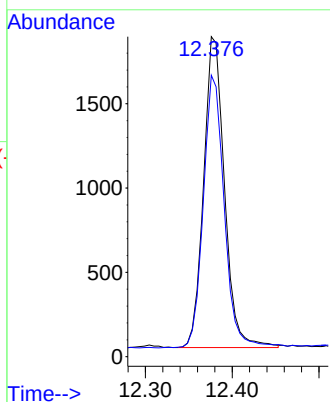
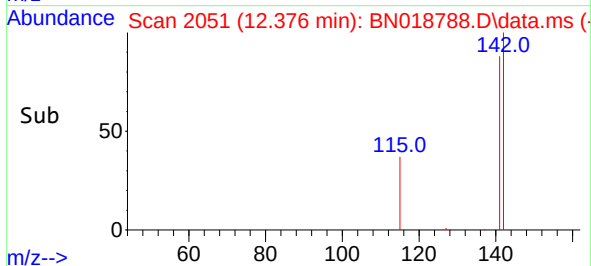
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT1-2022-02



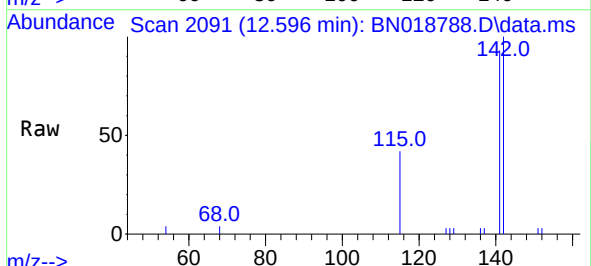
Tgt Ion:142 Resp: 3082
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3

Manual Integrations
APPROVED

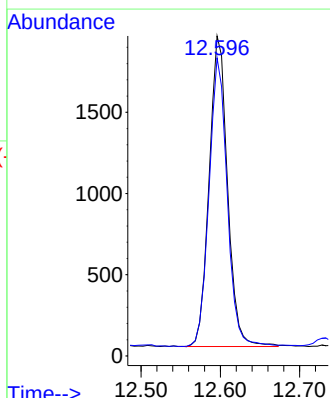
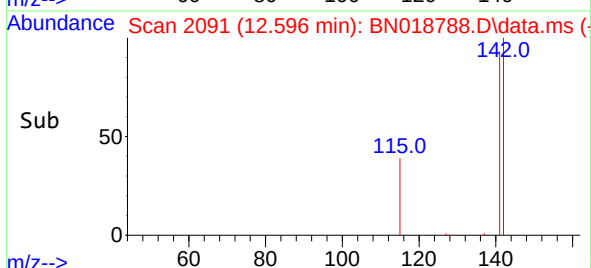
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

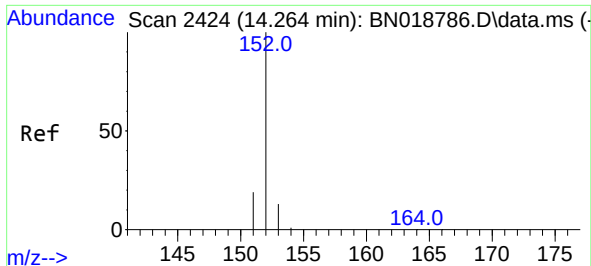


#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38



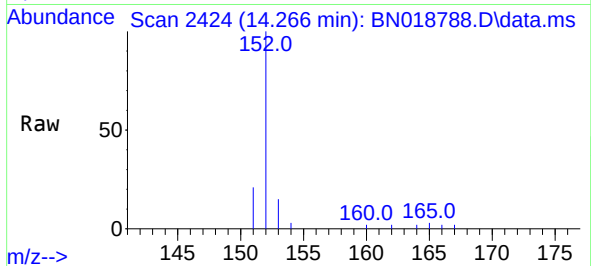
Tgt Ion:142 Resp: 3078
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8





#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

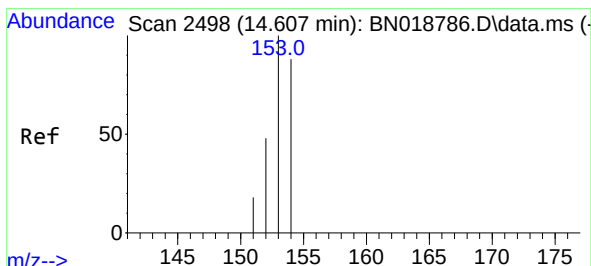
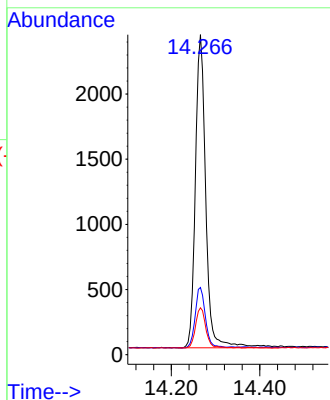
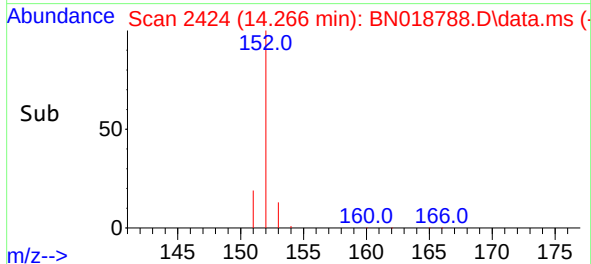
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:152 Resp: 3920
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 14.6 10.7 16.1

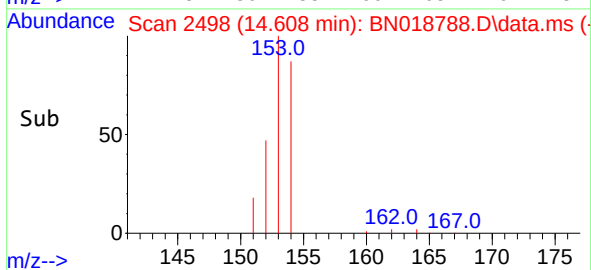
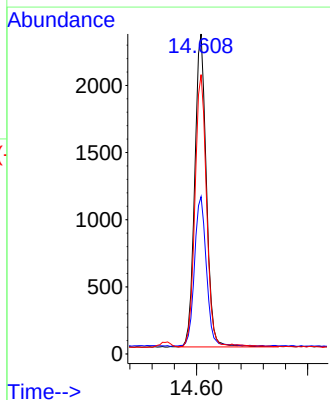
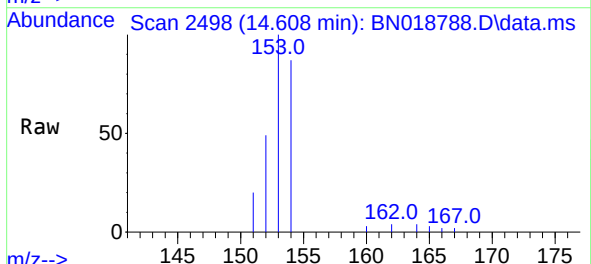
Manual Integrations
APPROVED

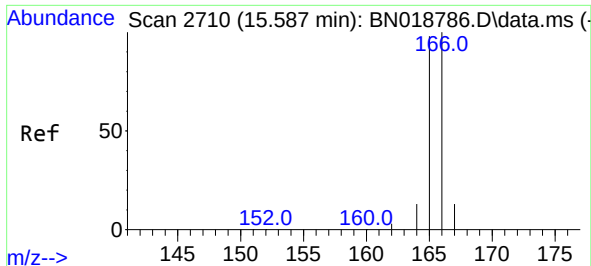
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.608 min Scan# 2498
Delta R.T. -0.003 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

Tgt Ion:153 Resp: 3388
Ion Ratio Lower Upper
153 100
152 49.1 39.7 59.5
154 87.3 70.9 106.3





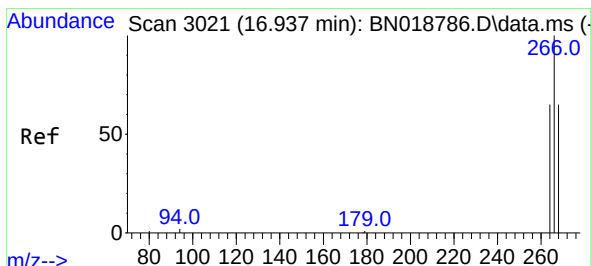
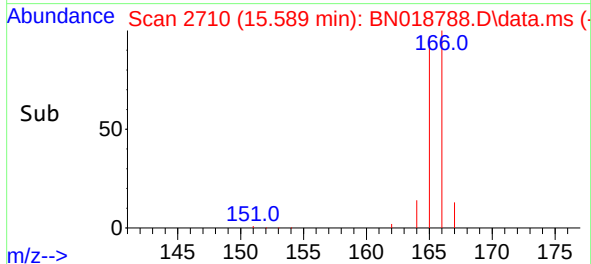
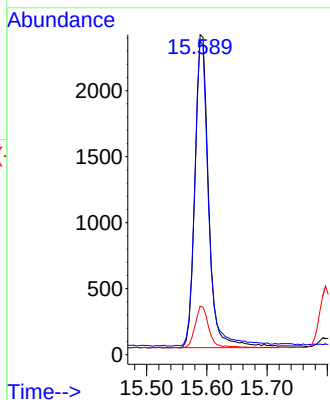
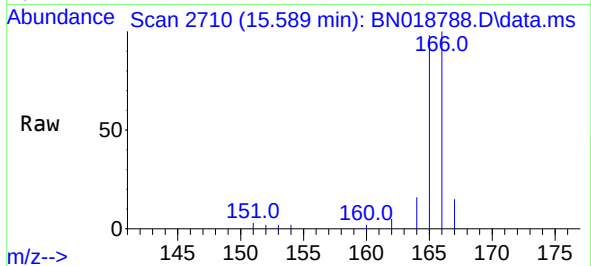
#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.589 min Scan# 2710
Delta R.T. -0.007 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02

Tgt Ion:166 Resp: 3740
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.6
167 15.1 11.6 17.4

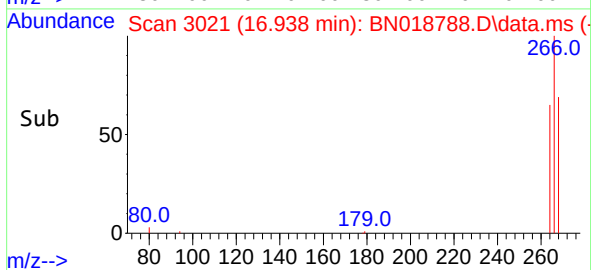
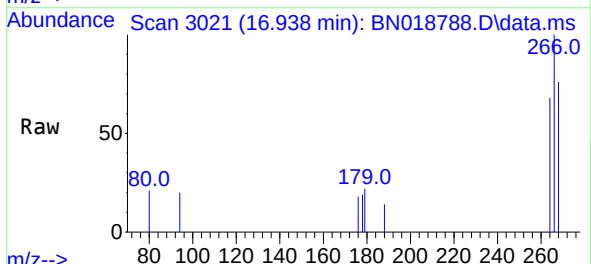
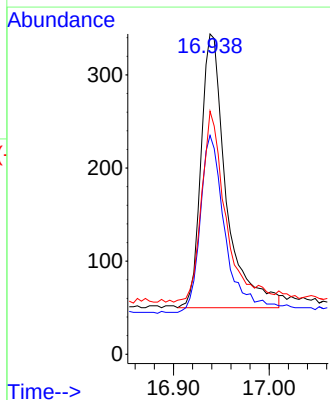
Manual Integrations
APPROVED

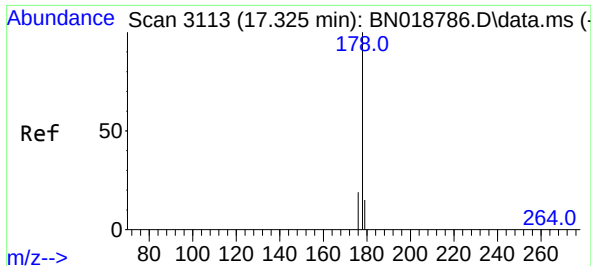
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#14
Pentachlorophenol
Concen: 0.085 ng/ul m
RT: 16.938 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

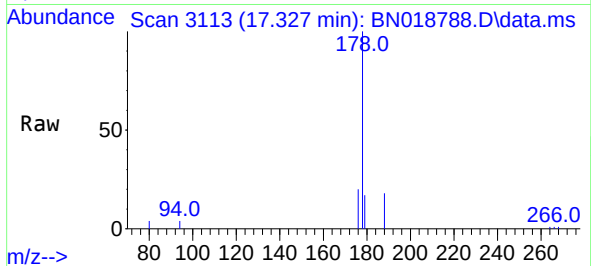
Tgt Ion:266 Resp: 537
Ion Ratio Lower Upper
266 100
264 64.8 49.9 74.9
268 67.2 51.7 77.5





#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.327 min Scan# 3113
Delta R.T. -0.002 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

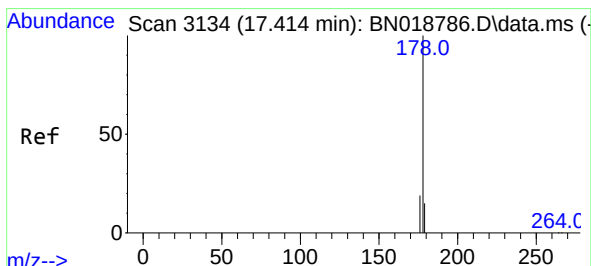
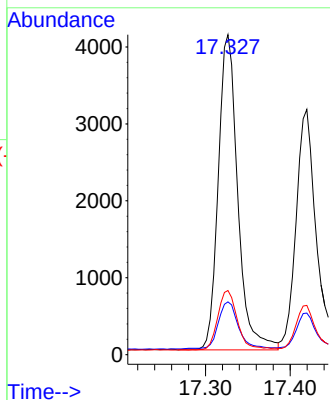
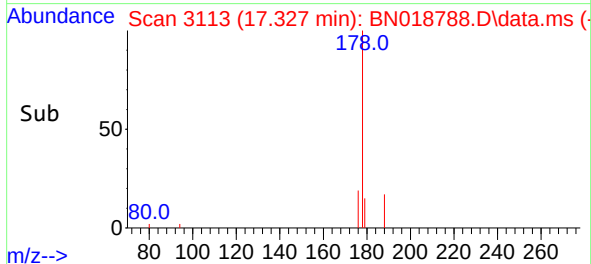
Instrument : BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



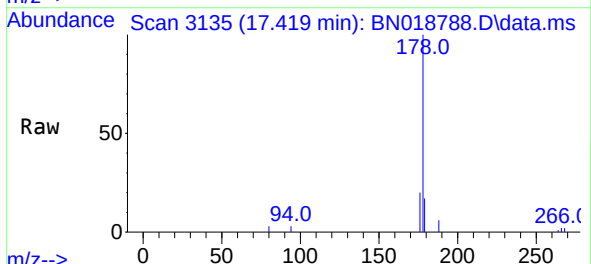
Tgt Ion:178 Resp: 6549
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.4
176 20.0 15.4 23.2

Manual Integrations
APPROVED

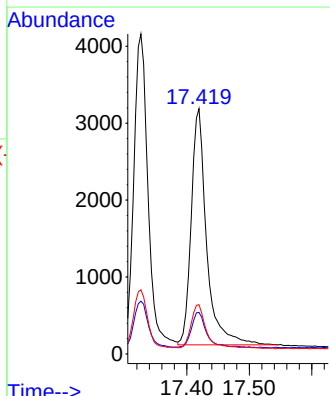
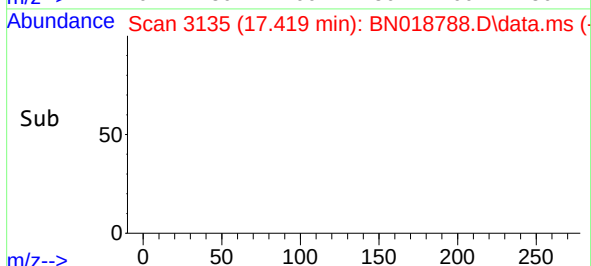
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

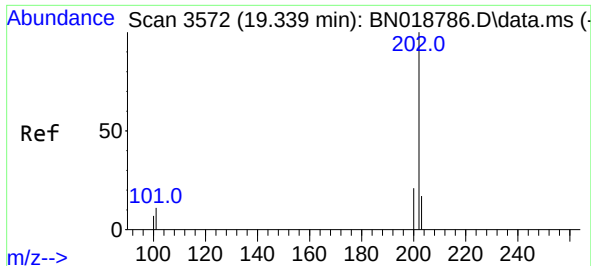


#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.419 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38



Tgt Ion:178 Resp: 5246
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 20.1 15.5 23.3





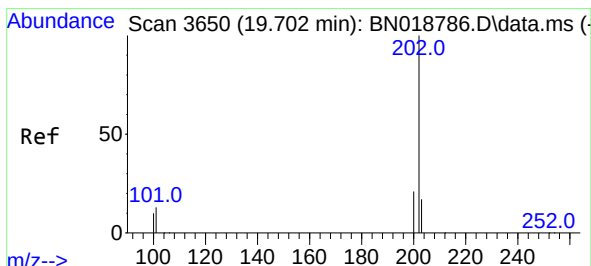
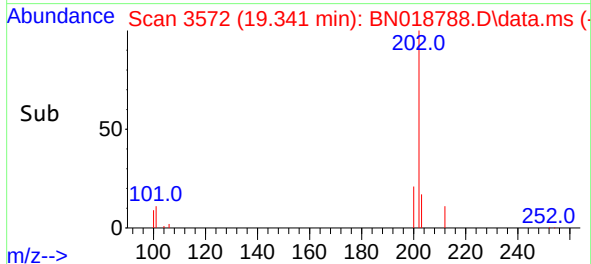
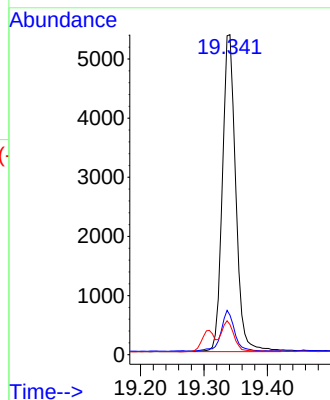
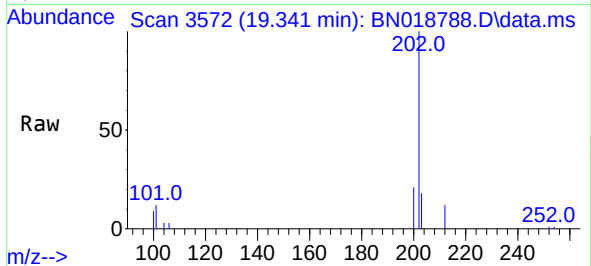
#19
Fluoranthene
Concen: 0.070 ng/u1
RT: 19.341 min Scan# 3572
Delta R.T. -0.002 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02

Tgt Ion:202 Resp: 7885
Ion Ratio Lower Upper
202 100
101 12.4 7.5 11.3#
100 9.4 5.4 8.2#

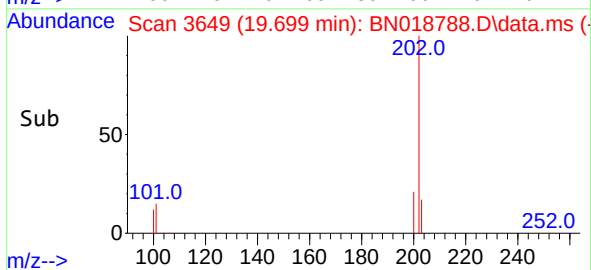
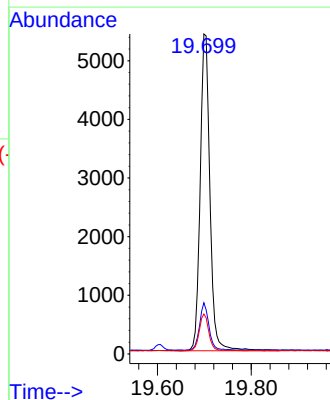
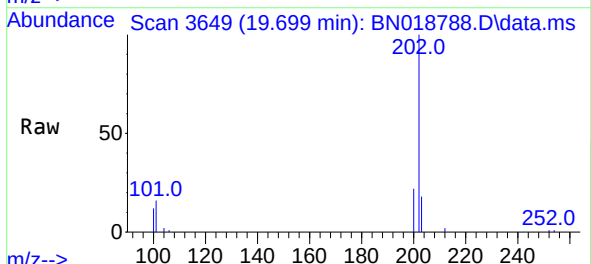
Manual Integrations
APPROVED

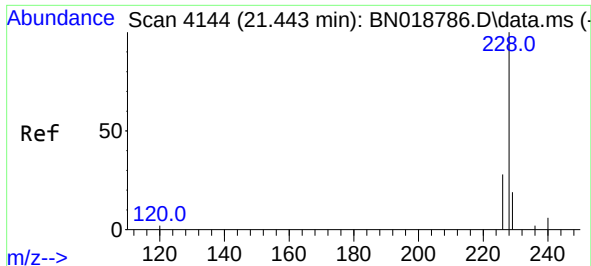
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#20
Pyrene
Concen: 0.066 ng/u1
RT: 19.699 min Scan# 3649
Delta R.T. -0.007 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

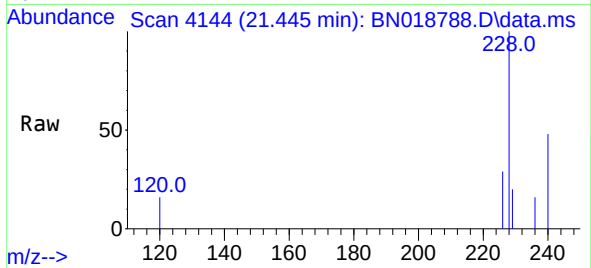
Tgt Ion:202 Resp: 7780
Ion Ratio Lower Upper
202 100
101 16.0 9.0 13.4#
100 12.5 7.0 10.4#





#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.445 min Scan# 4144
Delta R.T. -0.007 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

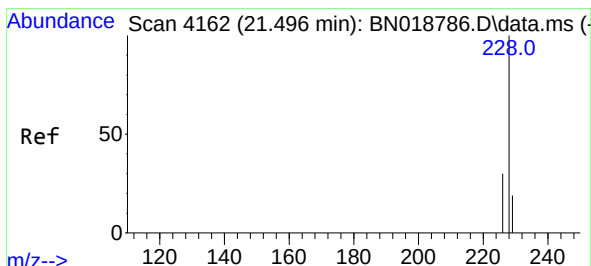
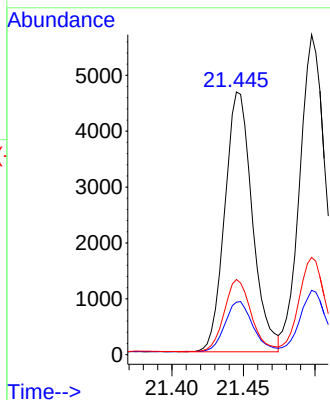
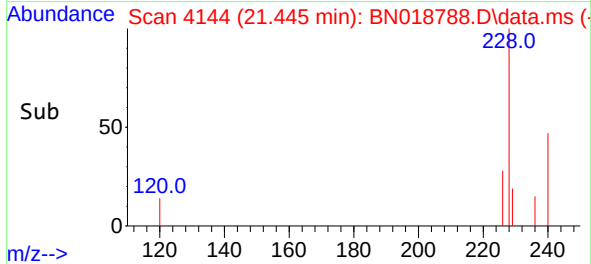
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:228 Resp: 6230
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.6 22.1 33.1

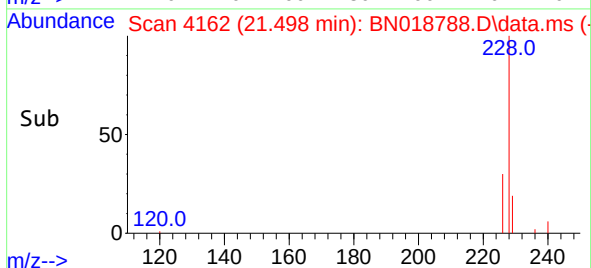
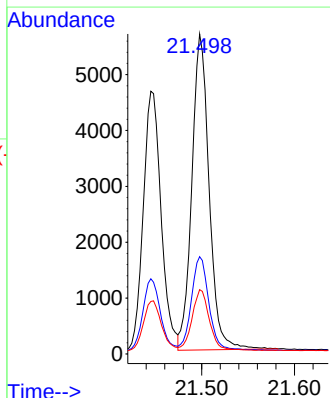
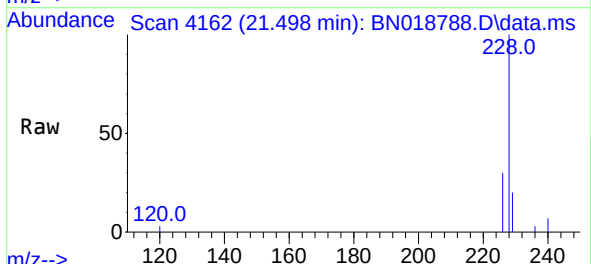
Manual Integrations
APPROVED

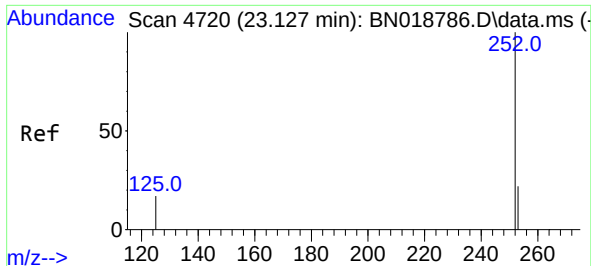
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#22
Chrysene
Concen: 0.067 ng/ul
RT: 21.498 min Scan# 4162
Delta R.T. -0.007 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

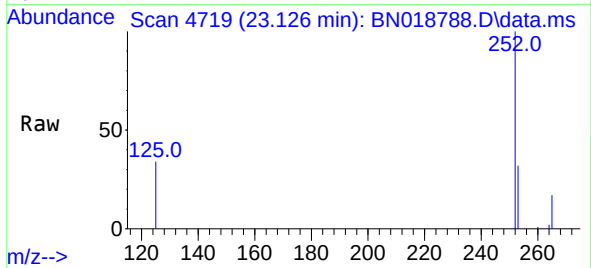
Tgt Ion:228 Resp: 7319
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 20.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.126 min Scan# 4719
Delta R.T. -0.009 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

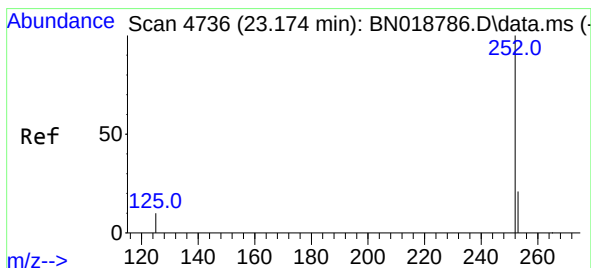
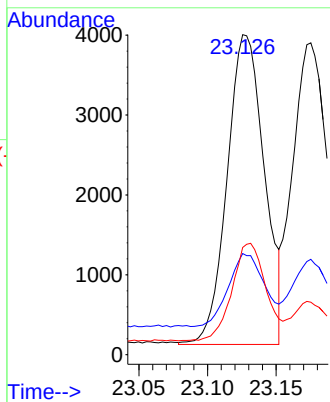
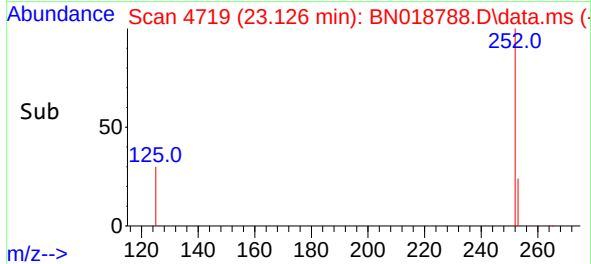
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:252 Resp: 732
Ion Ratio Lower Upper
252 100
253 31.6 0.0 46.4
125 33.5 0.0 17.8

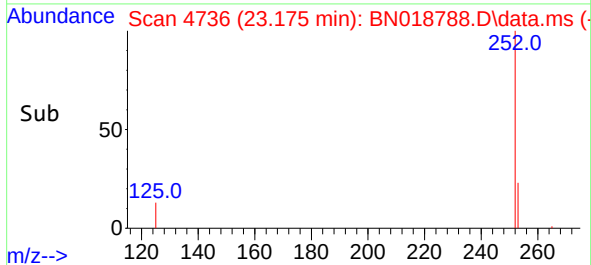
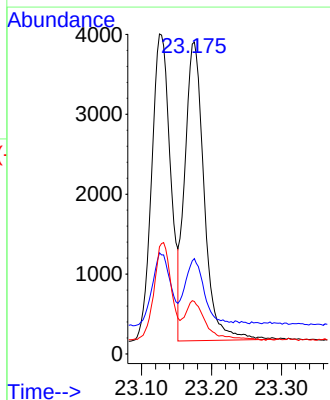
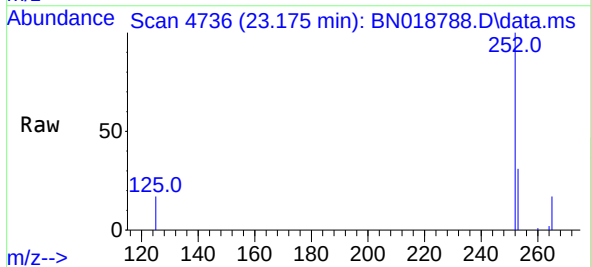
Manual Integrations
APPROVED

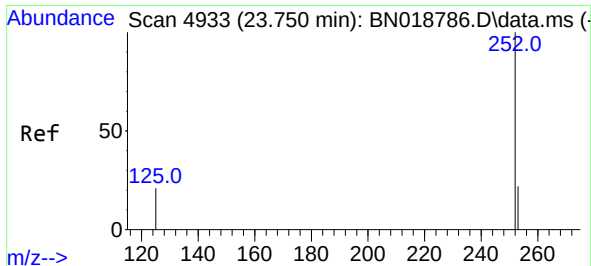
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#25
Benzo(k)fluoranthene
Concen: 0.068 ng/ul
RT: 23.175 min Scan# 4736
Delta R.T. -0.007 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

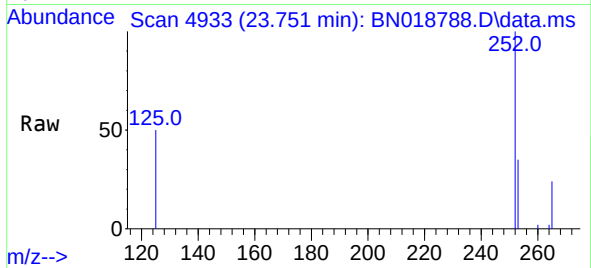
Tgt Ion:252 Resp: 7149
Ion Ratio Lower Upper
252 100
253 30.6 18.6 28.0#
125 16.9 7.3 10.9#





#26
Benzo(a)pyrene
Concen: 0.068 ng/u1
RT: 23.751 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

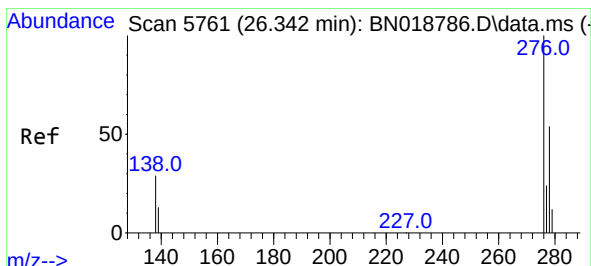
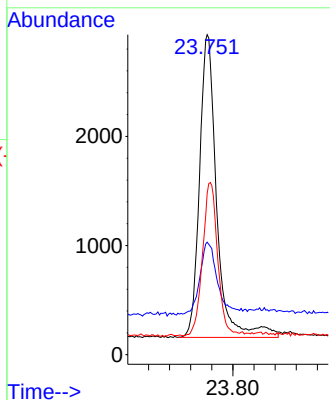
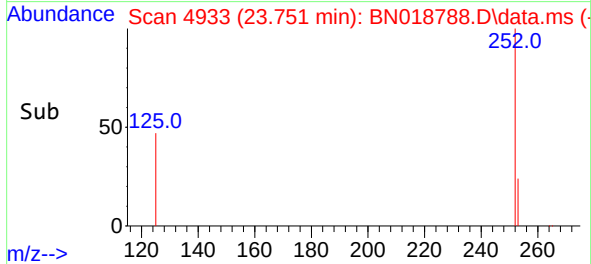
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



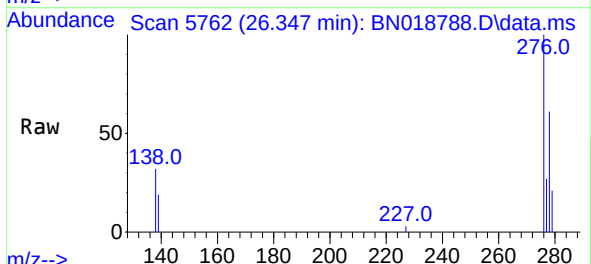
Tgt Ion:252 Resp: 6269
Ion Ratio Lower Upper
252 100
253 35.2 18.9 28.3#
125 50.4 8.2 12.2#

Manual Integrations
APPROVED

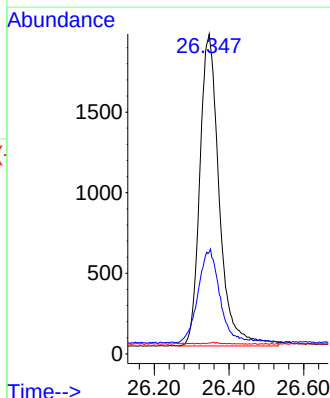
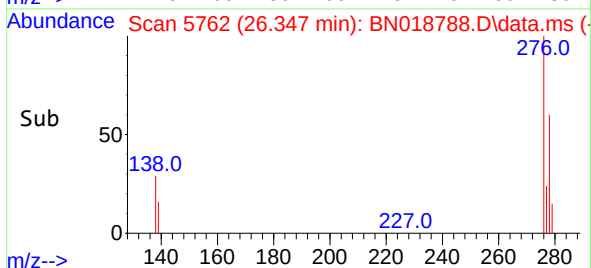
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

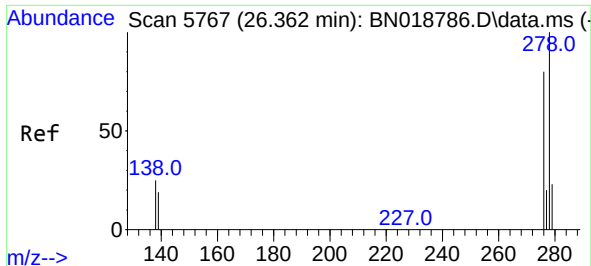


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/u1
RT: 26.347 min Scan# 5762
Delta R.T. -0.011 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38



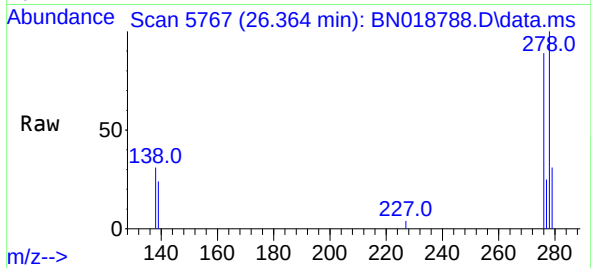
Tgt Ion:276 Resp: 6988
Ion Ratio Lower Upper
276 100
138 33.6 16.5 24.7#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.364 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38

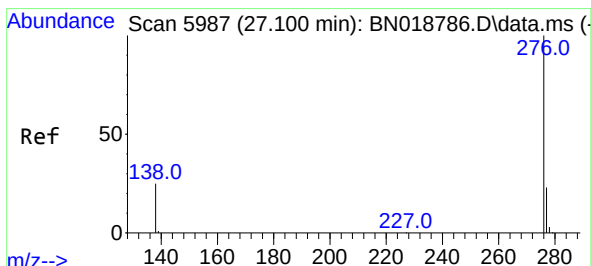
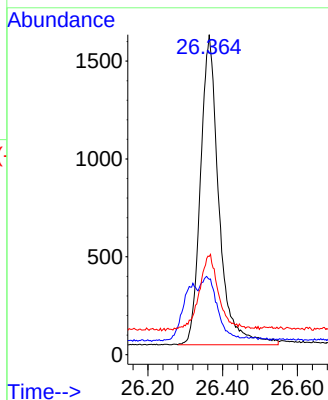
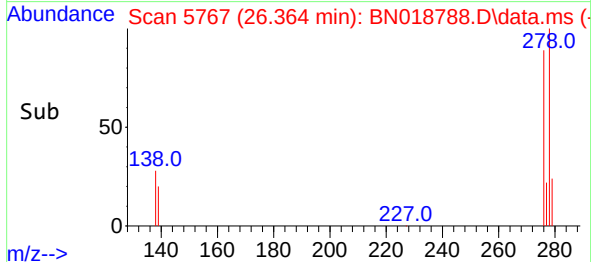
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-02



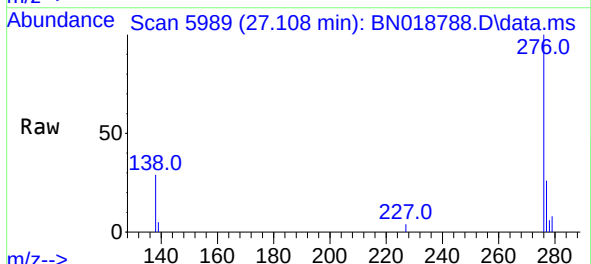
Tgt Ion:278 Resp: 5392
Ion Ratio Lower Upper
278 100
139 23.5 11.9 17.9
279 30.7 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 27.108 min Scan# 5989
Delta R.T. -0.014 min
Lab File: BN018788.D
Acq: 02 Mar 2022 11:38



Tgt Ion:276 Resp: 5894
Ion Ratio Lower Upper
276 100
138 29.1 14.4 21.6
277 25.9 19.2 28.8

