

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030413.D
 Acq On : 15 Mar 2024 10:57
 Operator : MA/JU
 Sample : P1601-01
 Misc : SFAM-SIM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 15 11:28:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 01:04:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	3601	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.257	164	2013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	3391	0.400	ng/ul #	0.00
17) Chrysene-d12	21.222	240	3514	0.400	ng/ul	0.00
23) Perylene-d12	23.432	264	4072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	898	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	1600	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.054	212	4395	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	203m	0.096	ng/ul	
5) Naphthalene	10.436	128	645	0.066	ng/ul#	67
7) 2-Methylnaphthalene	12.064	142	315	0.055	ng/ul#	100
8) 1-Methylnaphthalene	12.284	142	358	0.059	ng/ul#	22
10) Acenaphthylene	13.979	152	672	0.070	ng/ul#	76
11) Acenaphthene	14.317	153	510	0.073	ng/ul	95
12) Fluorene	15.330	166	519	0.067	ng/ul#	91
14) Pentachlorophenol	16.677	266	74	0.076	ng/ul#	100
15) Phenanthrene	17.062	178	724	0.072	ng/ul#	73
16) Anthracene	17.171	178	561	0.061	ng/ul#	63
19) Fluoranthene	19.082	202	945	0.068	ng/ul#	74
20) Pyrene	19.449	202	1067	0.072	ng/ul#	81
21) Benzo(a)anthracene	21.211	228	683	0.058	ng/ul#	85
22) Chrysene	21.257	228	882	0.065	ng/ul#	89
24) Benzo(b)fluoranthene	22.777	252	933	0.068	ng/ul#	19
25) Benzo(k)fluoranthene	22.821	252	1088	0.065	ng/ul#	13
26) Benzo(a)pyrene	23.338	252	974	0.068	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.662	276	1244	0.065	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.686	278	915	0.063	ng/ul#	1
29) Benzo(g,h,i)perylene	26.326	276	1174	0.069	ng/ul#	67

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

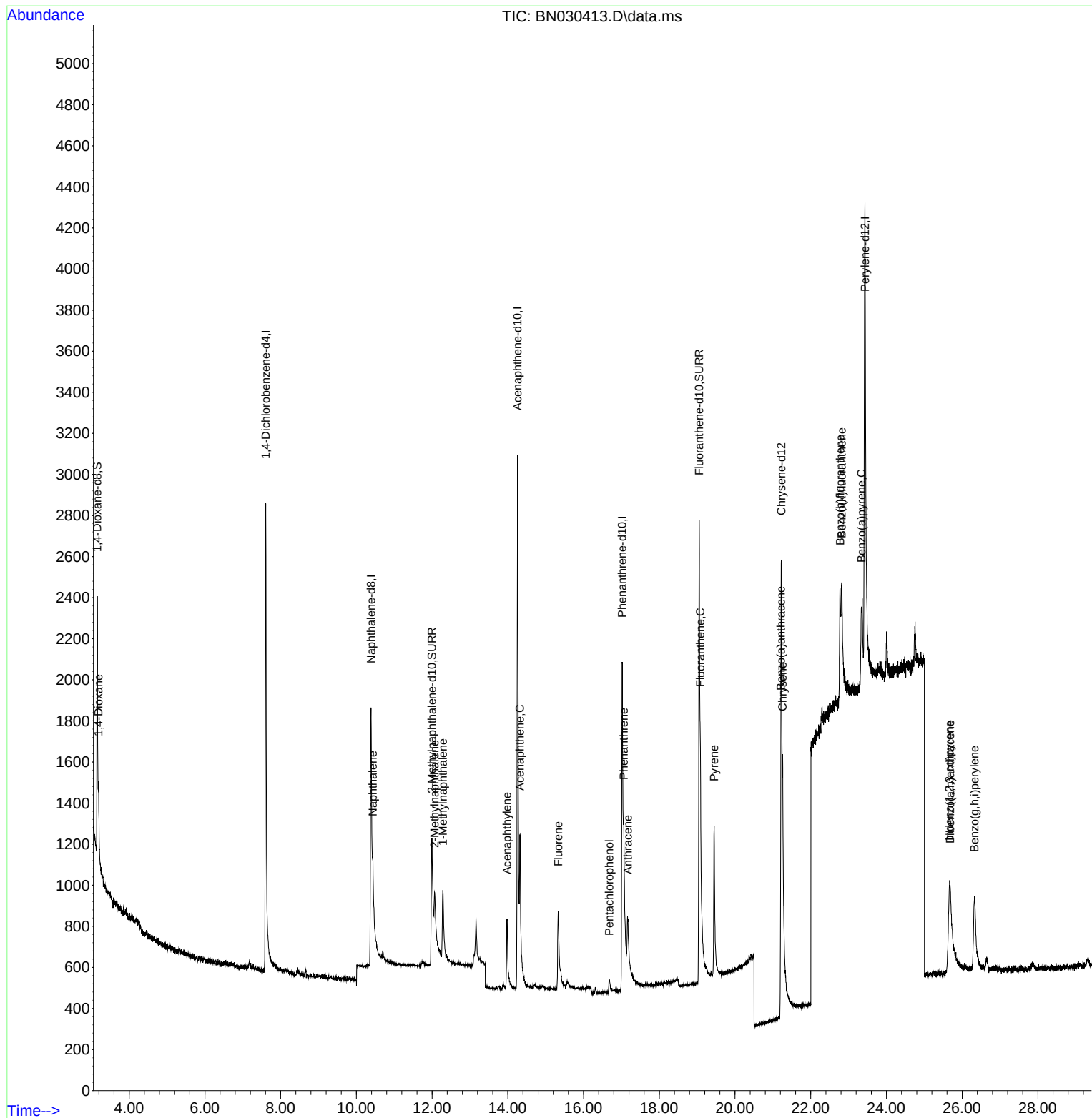
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
Data File : BN030413.D
Acq On : 15 Mar 2024 10:57
Operator : MA/JU
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MDL-WATER-QT1-2024-01

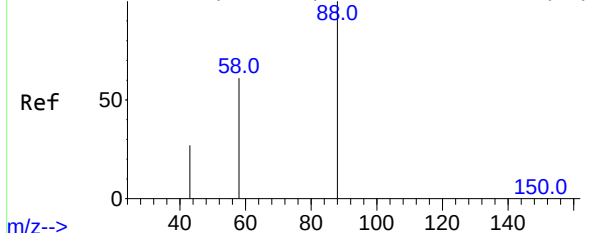
Quant Time: Mar 15 11:28:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Abundance Scan 72 (3.187 min): BN030411.D\data.ms (-67)



#2

1,4-Dioxane

Concen: 0.096 ng/ul m

RT: 3.189 min Scan# 31

Delta R.T. 0.002 min

Lab File: BN030413.D

Acq: 15 Mar 2024 10:57

Instrument :

BNA_N

ClientSampleId :

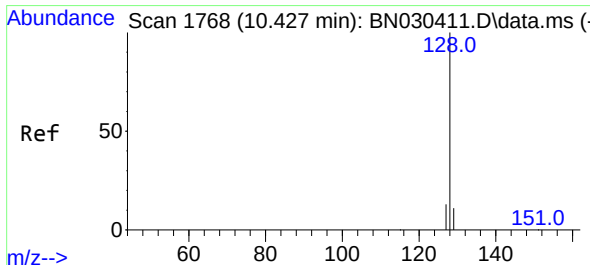
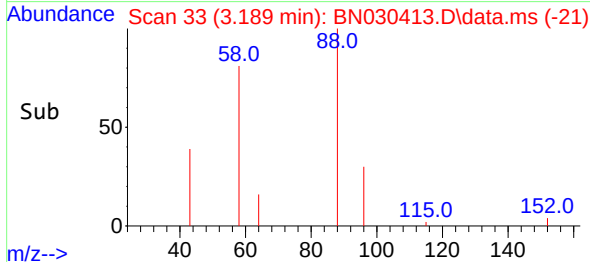
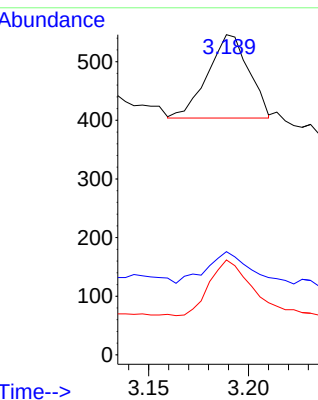
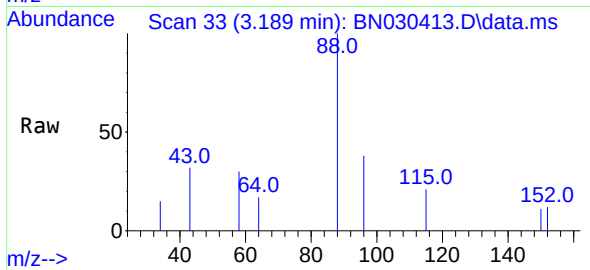
MDL-WATER-QT1-2024-01

Tgt Ion: 88	Resp: 200
Ion Ratio	Lower Upper
88	100
43	32.2 24.7 37.1
58	29.7 36.6 54.8

Manual Integrations

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Supervised By :mohammad ahmed 03/16/2024



#5

Naphthalene

Concen: 0.066 ng/ul

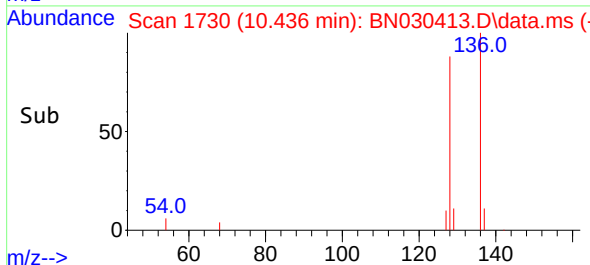
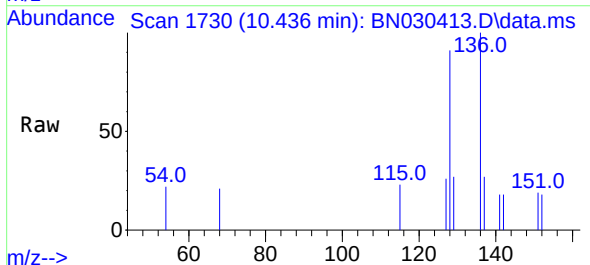
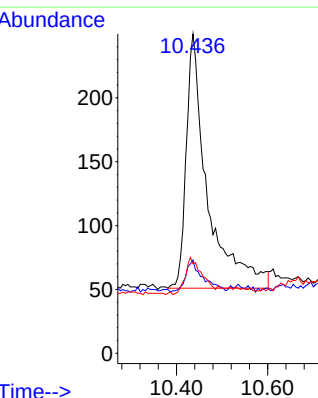
RT: 10.436 min Scan# 1730

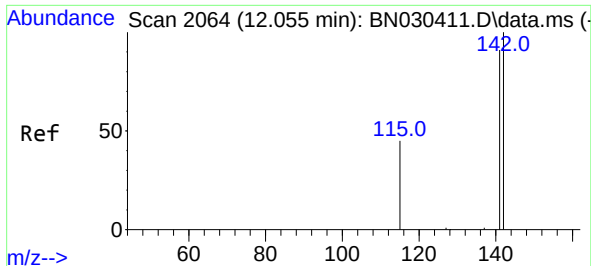
Delta R.T. 0.009 min

Lab File: BN030413.D

Acq: 15 Mar 2024 10:57

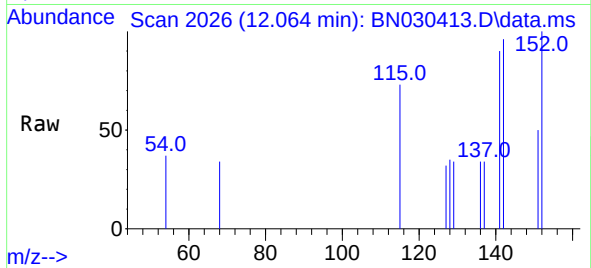
Tgt Ion:128	Resp: 645
Ion Ratio	Lower Upper
128	100
129	29.2 10.5 15.7#
127	28.0 13.0 19.4#





#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.064 min Scan# 2064
Delta R.T. 0.009 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

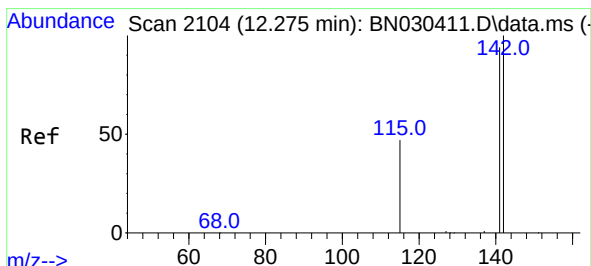
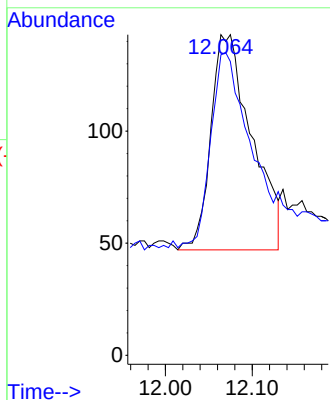
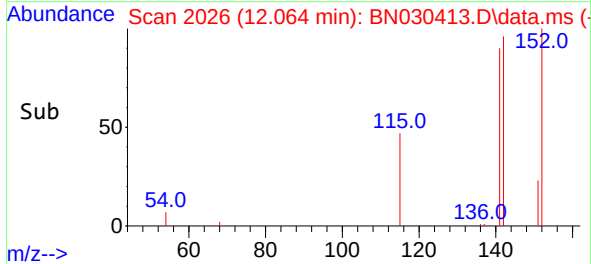
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



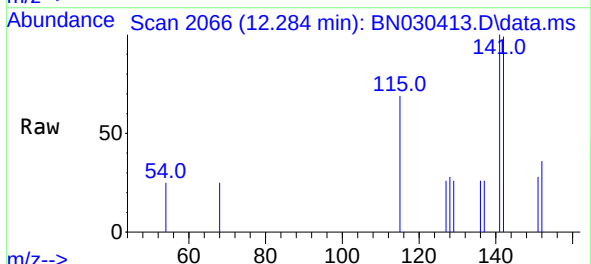
Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
141 90.8 0.0 0.0

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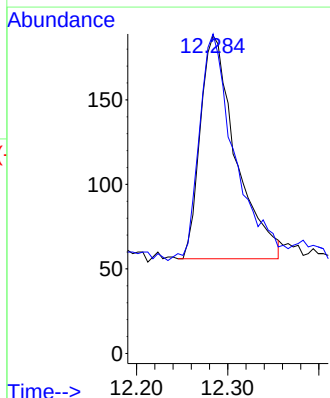
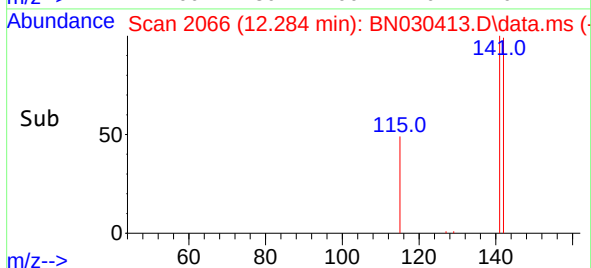
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

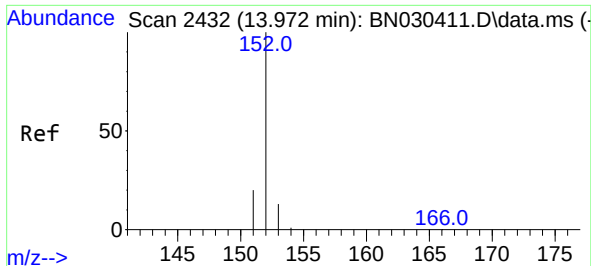


#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.284 min Scan# 2066
Delta R.T. 0.009 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57



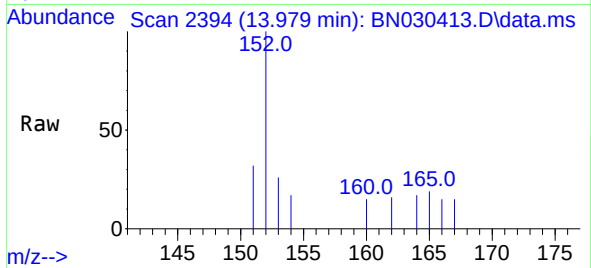
Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
142 100
141 100.6 0.2 0.2





#10
Acenaphthylene
Concen: 0.070 ng/u1
RT: 13.979 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

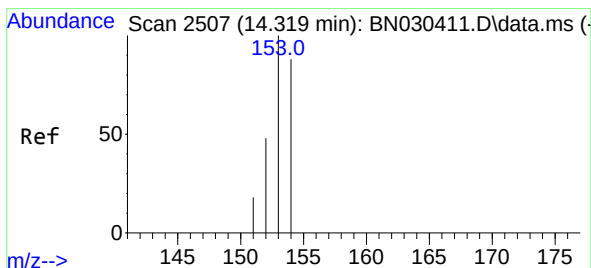
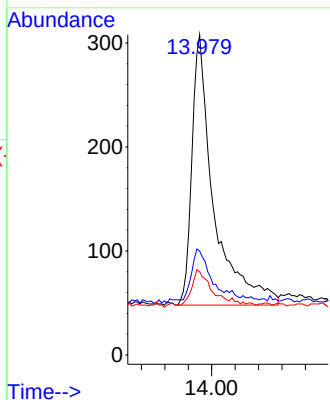
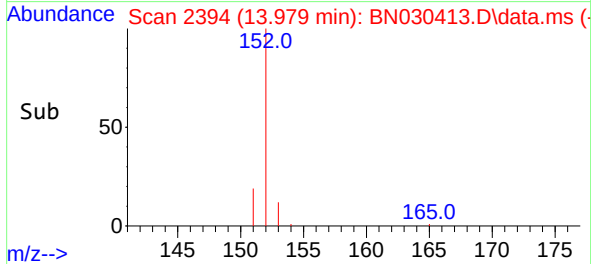
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:152 Resp: 672
Ion Ratio Lower Upper
152 100
151 32.5 17.1 25.7
153 26.0 12.2 18.2

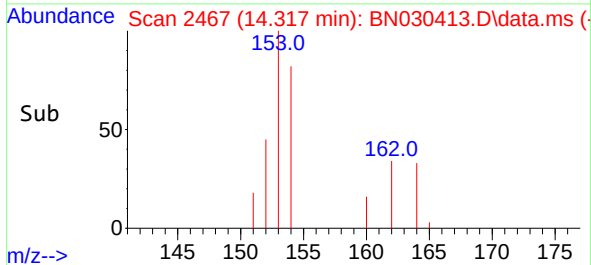
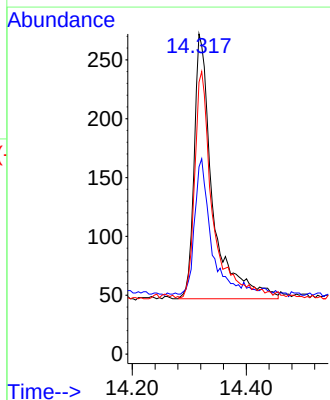
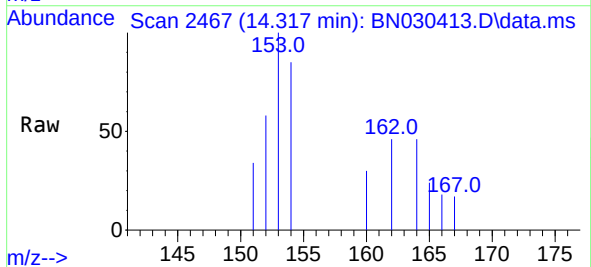
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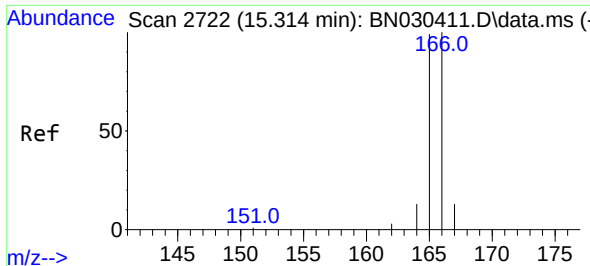
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.317 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

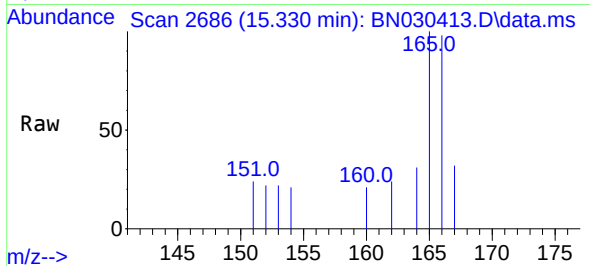
Tgt Ion:153 Resp: 510
Ion Ratio Lower Upper
153 100
152 58.5 40.2 60.2
154 84.9 69.0 103.4





#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.330 min Scan# 2987
Delta R.T. 0.012 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

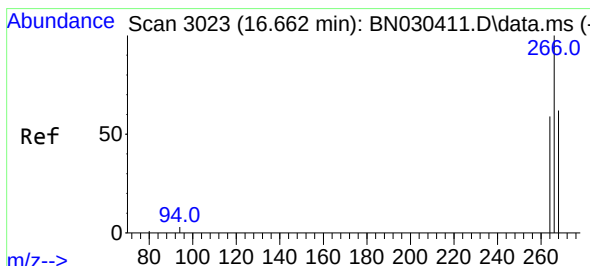
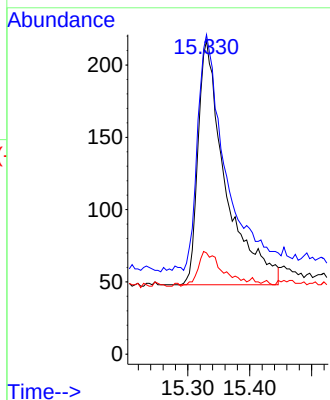
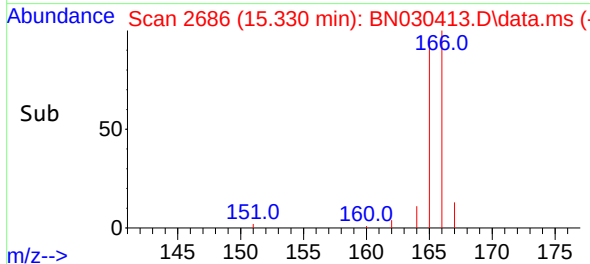
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:166 Resp: 519
Ion Ratio Lower Upper
166 100
165 101.8 78.5 117.7
167 32.3 12.7 19.1

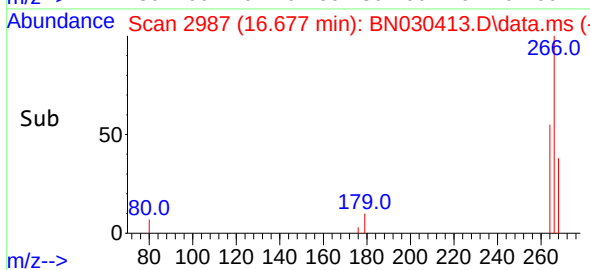
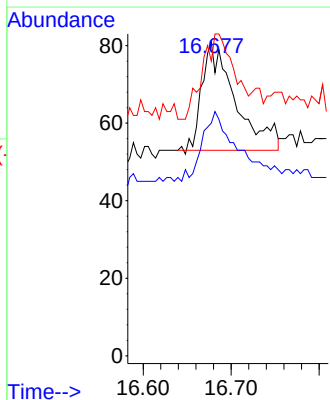
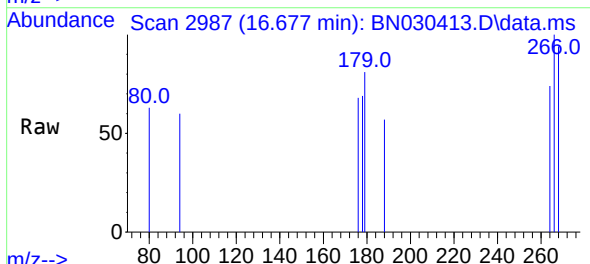
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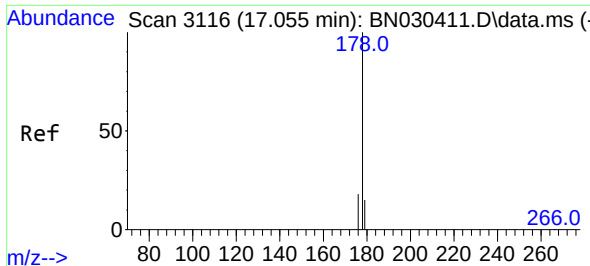
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#14
Pentachlorophenol
Concen: 0.076 ng/ul
RT: 16.677 min Scan# 2987
Delta R.T. 0.011 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

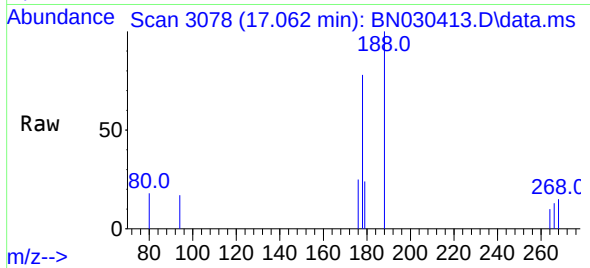
Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
264 70.3 0.0 0.0#
268 86.5 0.0 0.0#





#15
Phenanthrene
Concen: 0.072 ng/u1
RT: 17.062 min Scan# 3104
Delta R.T. 0.007 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

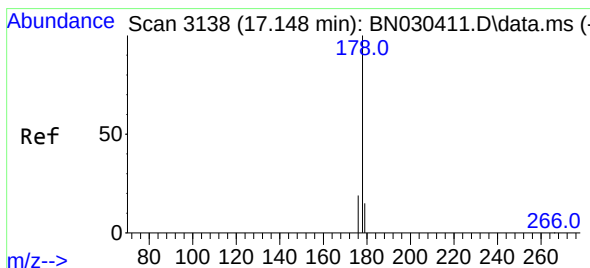
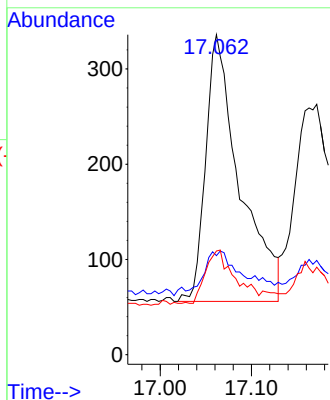
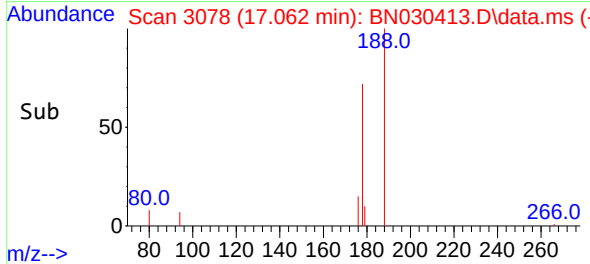
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:178 Resp: 724
Ion Ratio Lower Upper
178 100
179 31.0 14.2 21.4#
176 32.4 16.8 25.2#

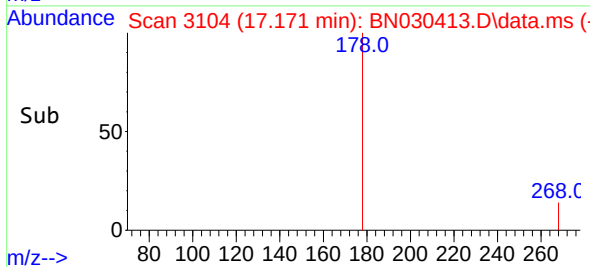
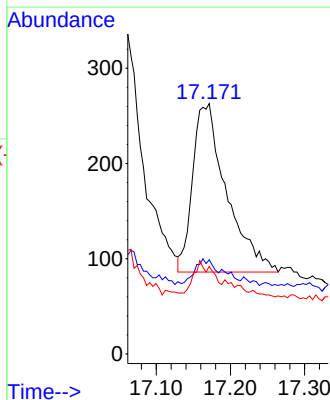
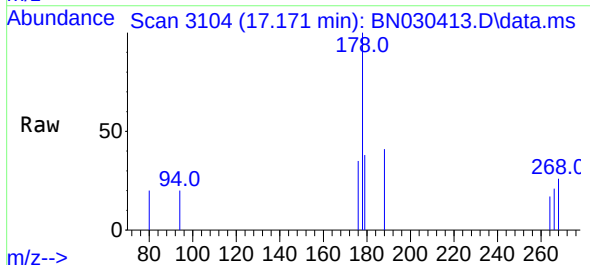
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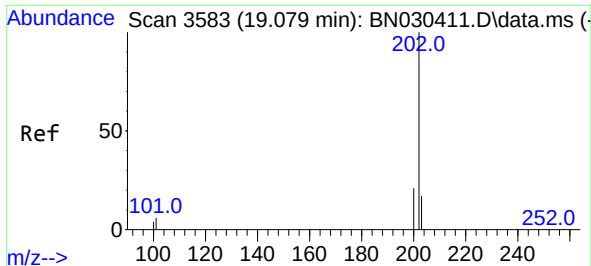
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#16
Anthracene
Concen: 0.061 ng/u1
RT: 17.171 min Scan# 3104
Delta R.T. 0.019 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

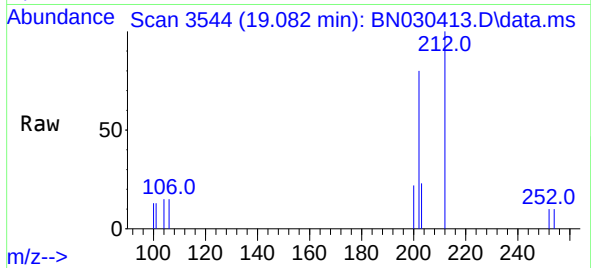
Tgt Ion:178 Resp: 561
Ion Ratio Lower Upper
178 100
179 37.6 14.4 21.6#
176 35.0 16.5 24.7#





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.082 min Scan# 3583
Delta R.T. 0.003 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

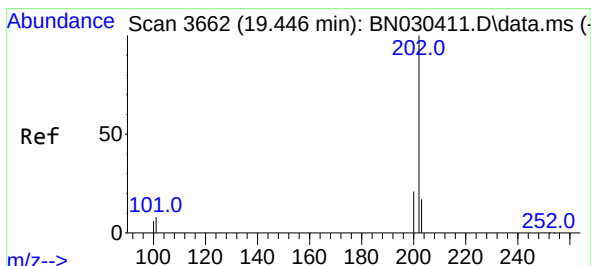
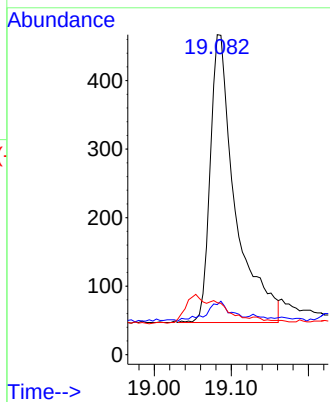
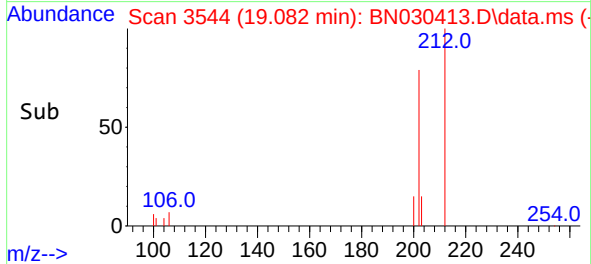
Instrument :
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MDL-WATER-QT1-2024-01



Tgt Ion:202 Resp: 945
Ion Ratio Lower Upper
202 100
101 15.6 5.8 8.8#
100 16.3 5.2 7.8#

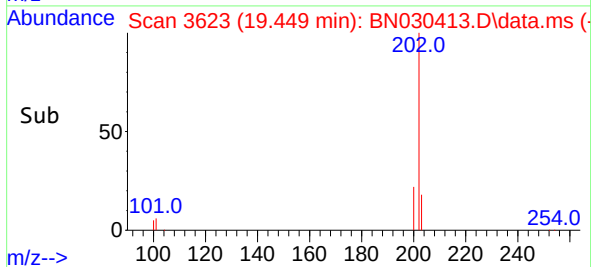
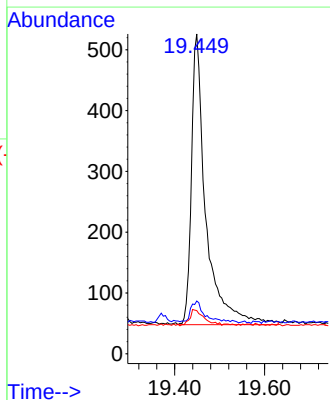
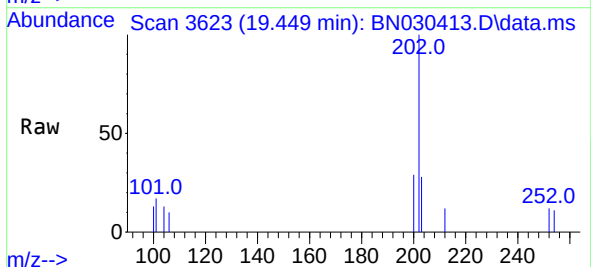
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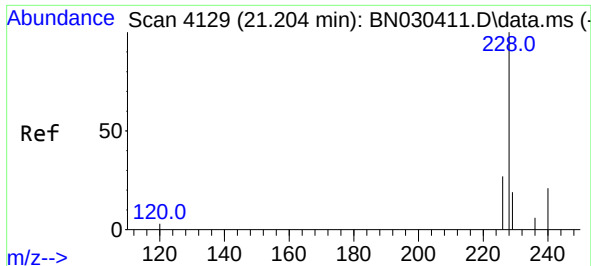
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#20
Pyrene
Concen: 0.072 ng/u1
RT: 19.449 min Scan# 3623
Delta R.T. 0.008 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

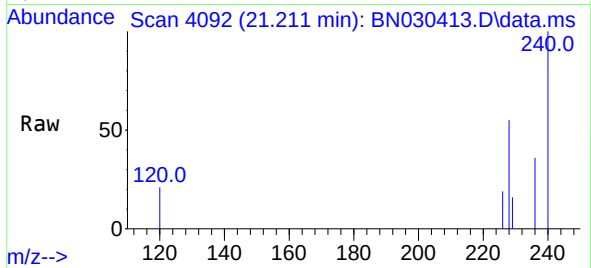
Tgt Ion:202 Resp: 1067
Ion Ratio Lower Upper
202 100
101 16.5 7.0 10.6#
100 13.5 6.2 9.4#





#21
Benzo(a)anthracene
Concen: 0.058 ng/u1
RT: 21.211 min Scan# 4108
Delta R.T. 0.010 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

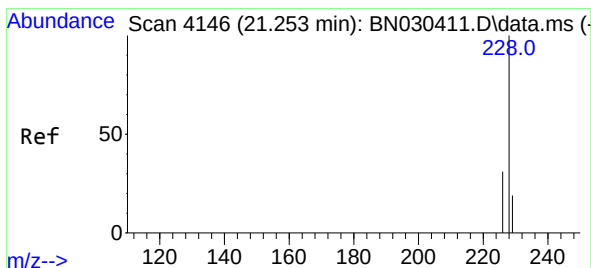
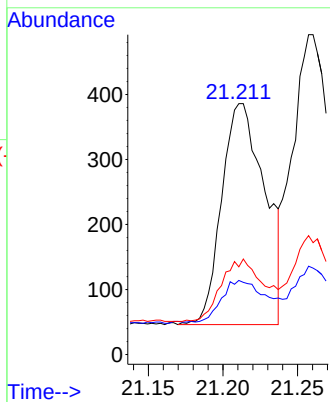
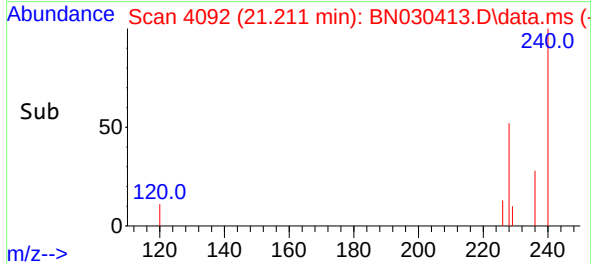
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:228 Resp: 682
Ion Ratio Lower Upper
228 100
229 29.5 16.4 24.6
226 35.0 22.7 34.1

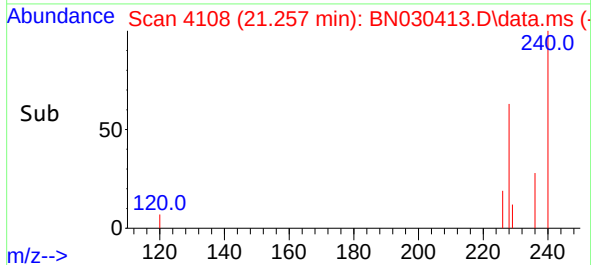
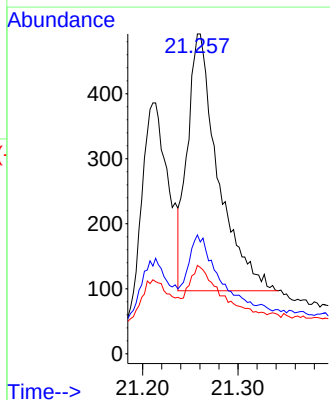
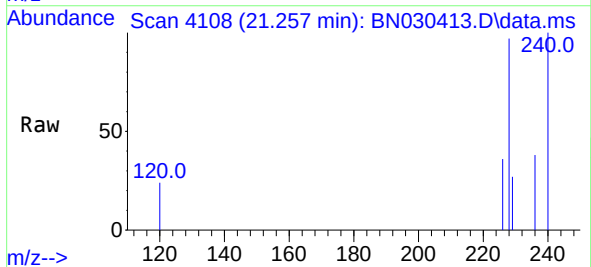
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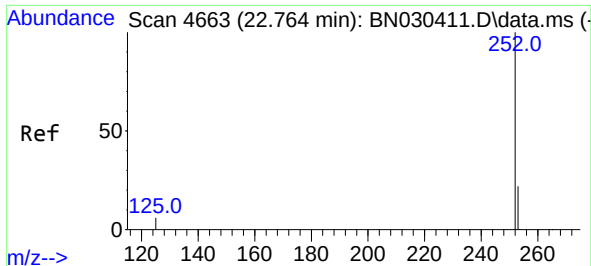
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#22
Chrysene
Concen: 0.065 ng/u1
RT: 21.257 min Scan# 4108
Delta R.T. 0.007 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

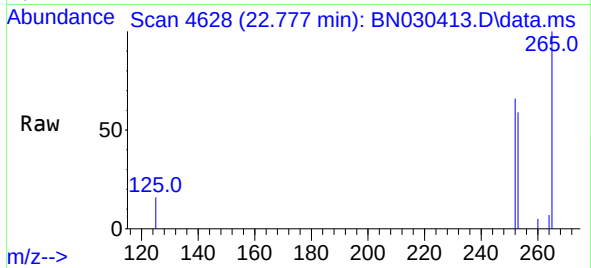
Tgt Ion:228 Resp: 882
Ion Ratio Lower Upper
228 100
226 37.2 25.6 38.4
229 27.6 16.6 25.0





#24
Benzo(b)fluoranthene
Concen: 0.068 ng/u1
RT: 22.777 min Scan# 4628
Delta R.T. 0.013 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

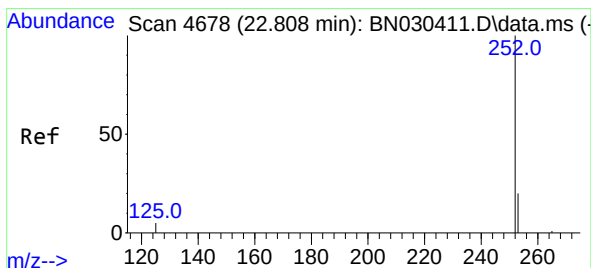
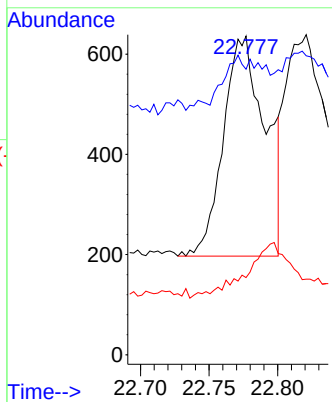
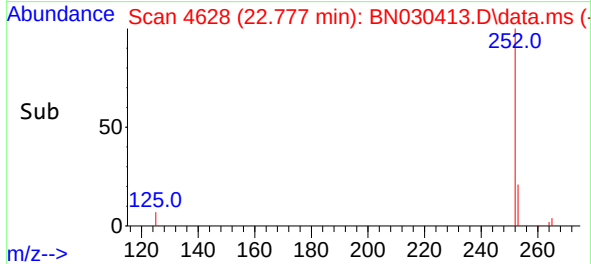
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



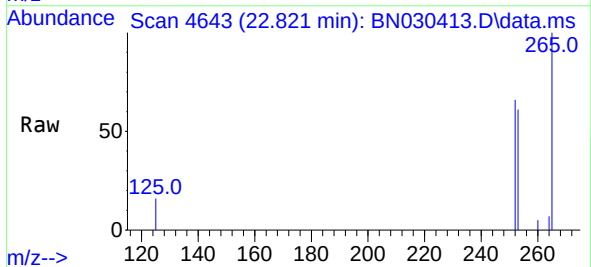
Tgt Ion:252 Resp: 93#
Ion Ratio Lower Upper
252 100
253 89.6 0.0 71.4#
125 24.2 0.0 18.6#

Manual Integrations
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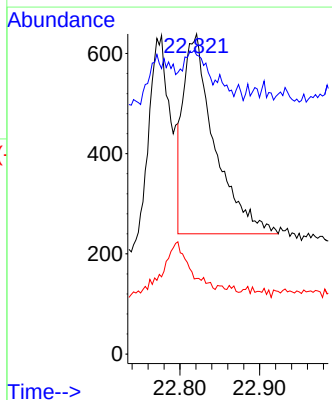
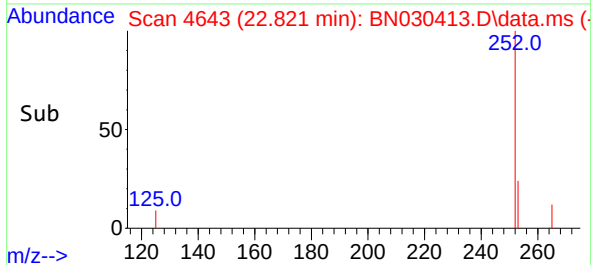
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

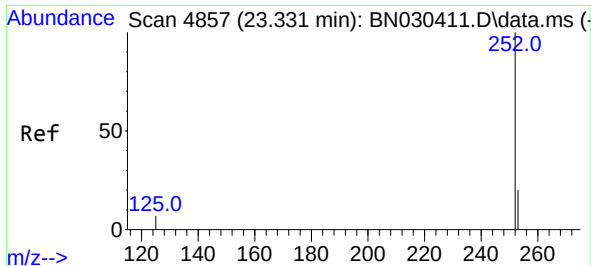


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/u1
RT: 22.821 min Scan# 4643
Delta R.T. 0.013 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57



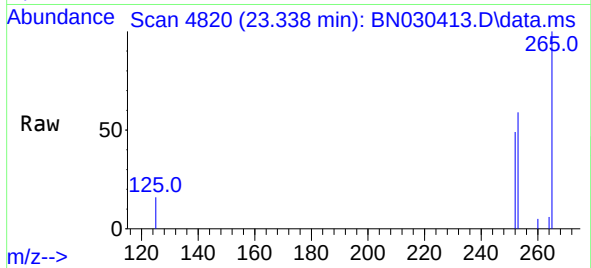
Tgt Ion:252 Resp: 1088
Ion Ratio Lower Upper
252 100
253 93.4 27.7 41.5#
125 23.6 8.0 12.0#





#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.338 min Scan# 4857
Delta R.T. 0.010 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57

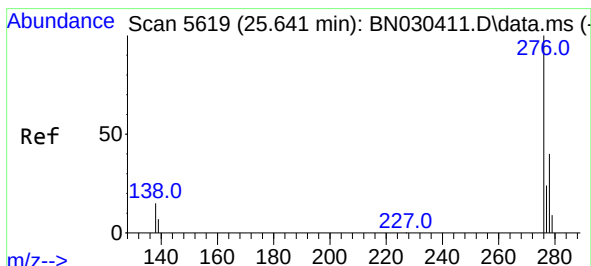
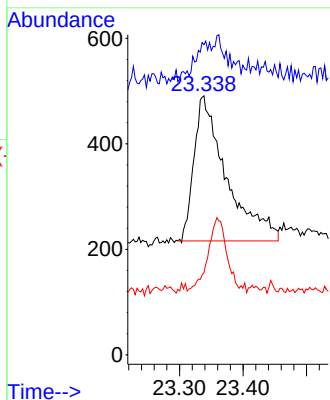
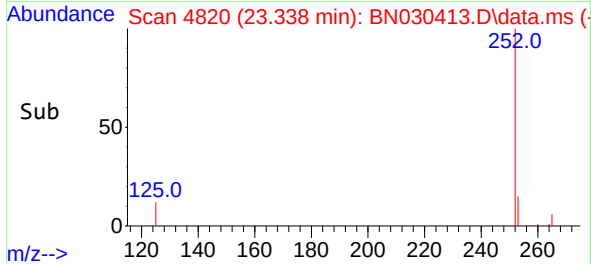
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01



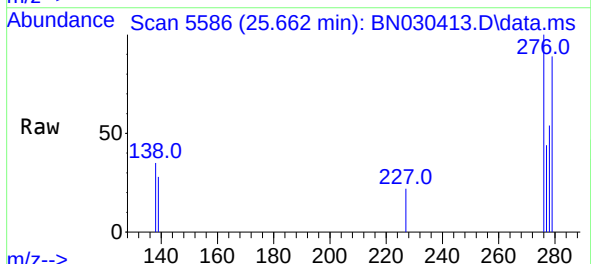
Tgt Ion:252 Resp: 974
Ion Ratio Lower Upper
252 100
253 119.8 34.4 51.6
125 31.8 9.0 13.4

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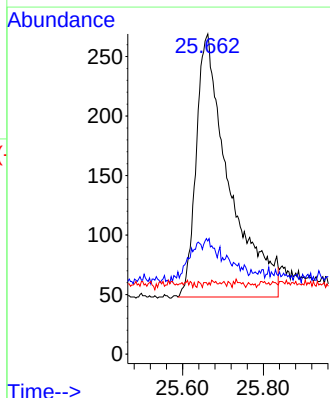
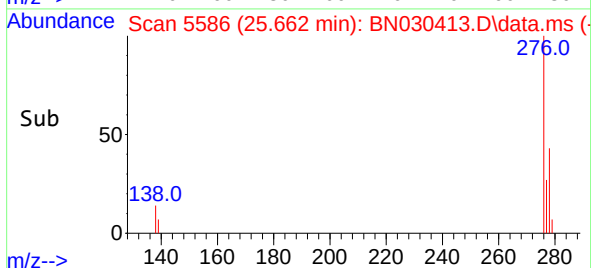
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

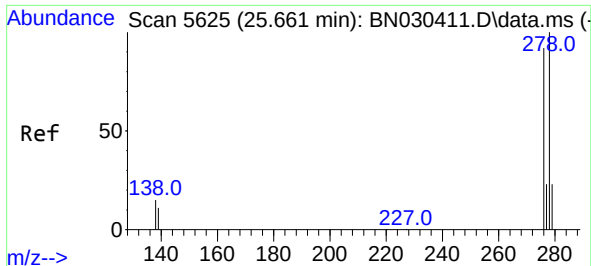


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng/ul
RT: 25.662 min Scan# 5586
Delta R.T. 0.025 min
Lab File: BN030413.D
Acq: 15 Mar 2024 10:57



Tgt Ion:276 Resp: 1244
Ion Ratio Lower Upper
276 100
138 16.1 9.8 14.6#
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.063 ng/ul

RT: 25.686 min Scan# 51

Delta R.T. 0.025 min

Lab File: BN030413.D

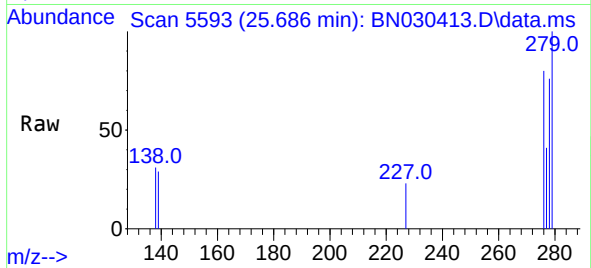
Acq: 15 Mar 2024 10:57

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2024-01



Tgt Ion:278 Resp: 91

Ion Ratio Lower Upper

278 100

139 38.6 12.2 18.2

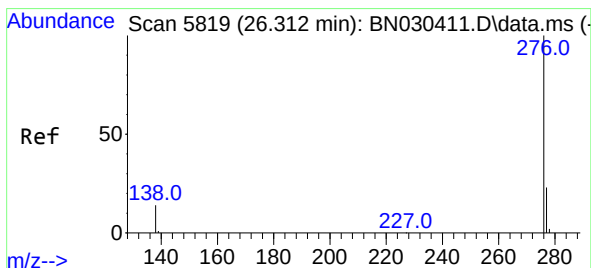
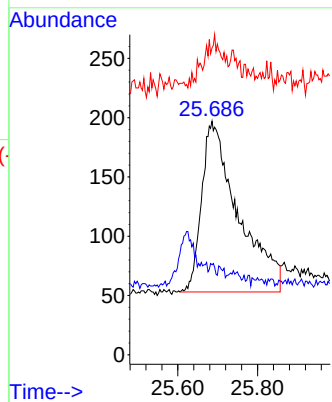
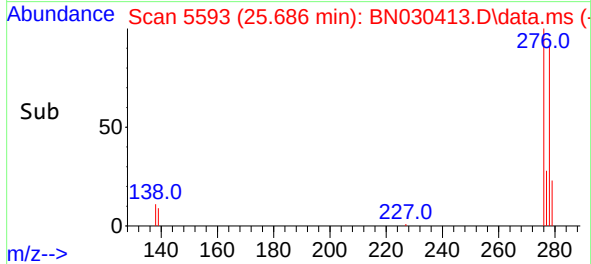
279 131.5 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024

Supervised By :mohammad ahmed 03/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.069 ng/ul

RT: 26.326 min Scan# 5784

Delta R.T. 0.018 min

Lab File: BN030413.D

Acq: 15 Mar 2024 10:57

Tgt Ion:276 Resp: 1174

Ion Ratio Lower Upper

276 100

138 32.8 13.4 20.2#

277 41.1 20.6 31.0#

