

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011023\
 Data File : BN023599.D
 Acq On : 10 Jan 2023 11:27
 Operator : CG/JU
 Sample : N4239-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Jan 10 12:02:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:28:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	3972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	11956	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	6617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	14373	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	11698	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	9238	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2186	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	5666	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	12673	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	361m	0.078	ng/ul	
5) Naphthalene	10.810	128	2044	0.059	ng/ul#	91
7) 2-Methylnaphthalene	12.427	142	1246	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.647	142	1231	0.054	ng/ul	99
10) Acenaphthylene	14.321	152	1461	0.054	ng/ul#	91
11) Acenaphthene	14.664	153	1393	0.059	ng/ul	97
12) Fluorene	15.649	166	1547	0.057	ng/ul#	93
14) Pentachlorophenol	16.998	266	446	0.096	ng/ul	99
15) Phenanthrene	17.390	178	2671	0.059	ng/ul	93
16) Anthracene	17.483	178	2008	0.052	ng/ul#	87
19) Fluoranthene	19.406	202	3039	0.069	ng/ul	96
20) Pyrene	19.769	202	3089	0.066	ng/ul#	91
21) Benzo(a)anthracene	21.522	228	2393	0.055	ng/ul	96
22) Chrysene	21.575	228	2821	0.065	ng/ul	98
24) Benzo(b)fluoranthene	23.221	252	2822	0.066	ng/ul#	57
25) Benzo(k)fluoranthene	23.270	252	2497	0.062	ng/ul#	60
26) Benzo(a)pyrene	23.852	252	2114	0.059	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.493	276	2642	0.060	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.513	278	2044	0.058	ng/ul#	71
29) Benzo(g,h,i)perylene	27.268	276	2249	0.064	ng/ul#	86

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

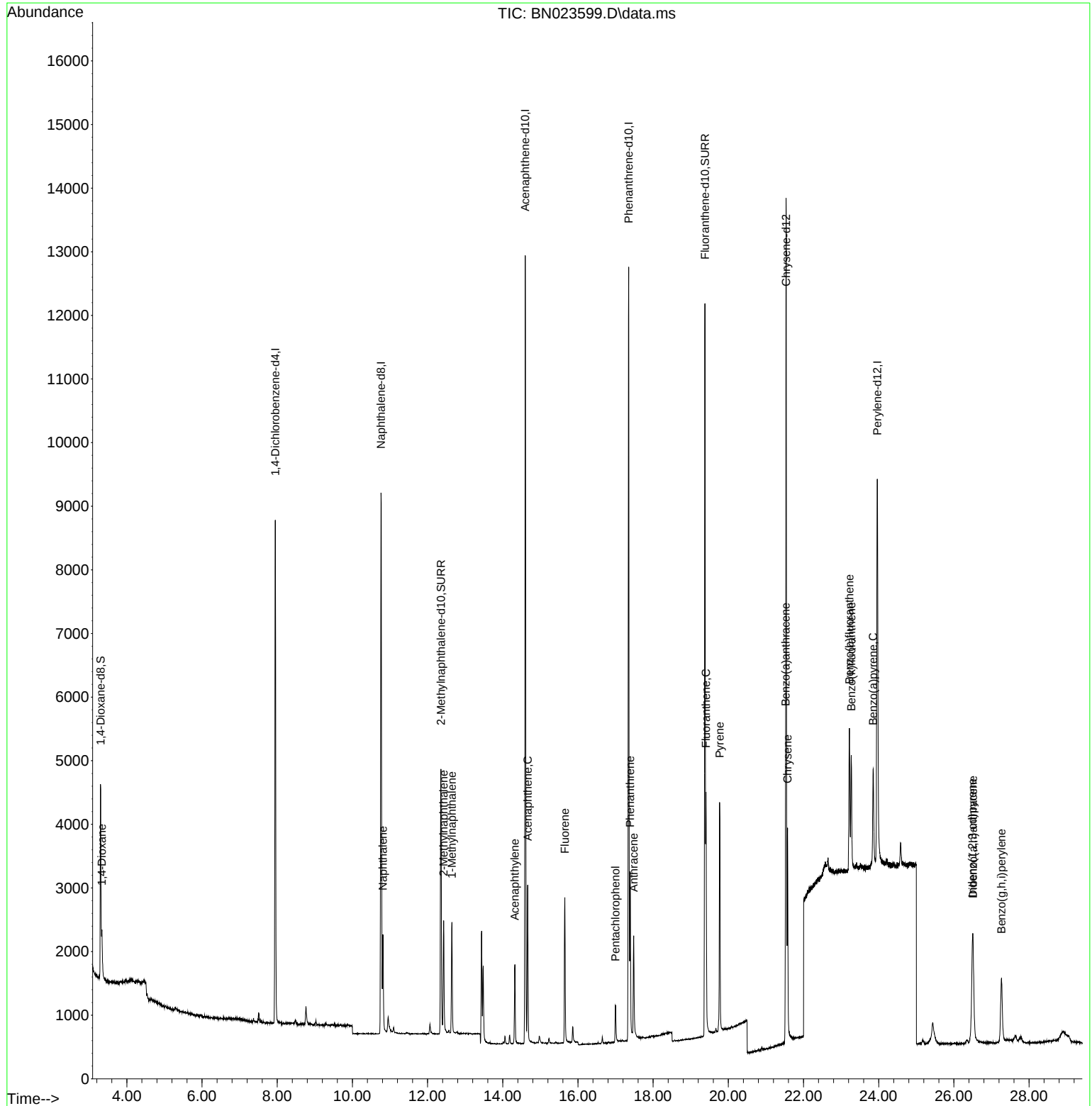
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011023\
 Data File : BN023599.D
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 ALS Vial : 4 Sample Multiplier: 1

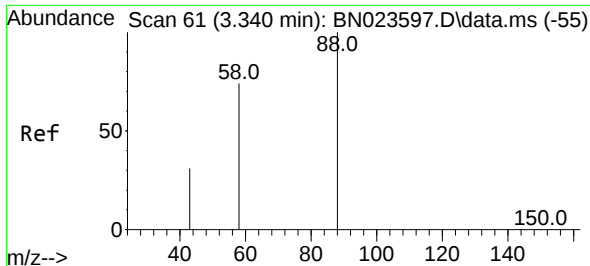
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Jan 10 12:02:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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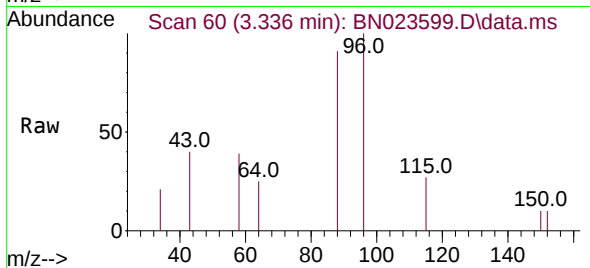
Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023





#2
1,4-Dioxane
Concen: 0.078 ng/ul m
RT: 3.336 min Scan# 60
Delta R.T. -0.004 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

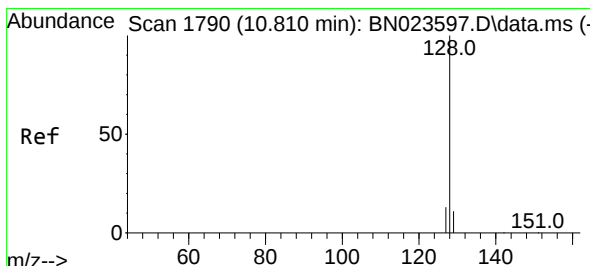
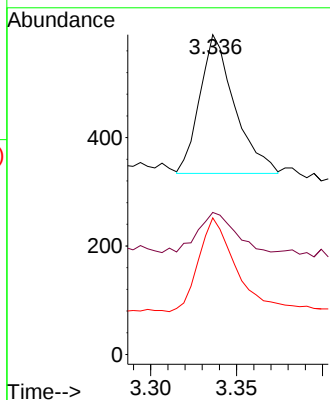
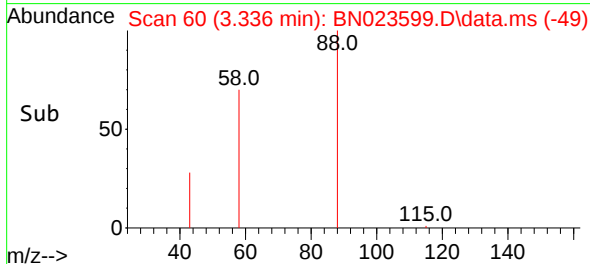
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion: 88 Resp: 361
Ion Ratio Lower Upper
88 100
43 44.4 44.0 66.0
58 42.7 50.5 75.7

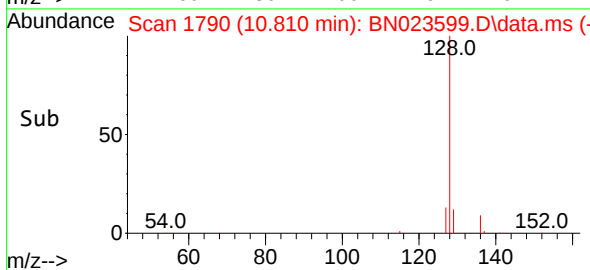
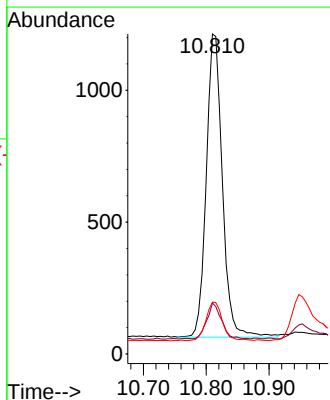
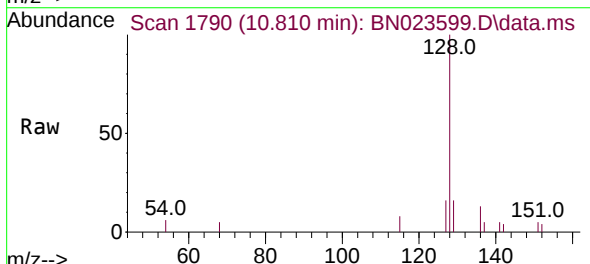
Manual Integrations
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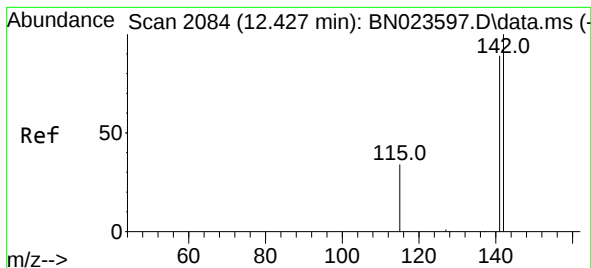
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.810 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

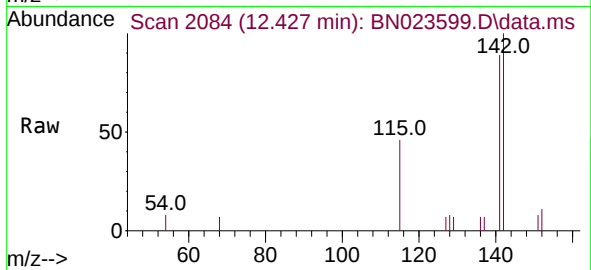
Tgt Ion:128 Resp: 2044
Ion Ratio Lower Upper
128 100
129 15.9 9.3 13.9#
127 16.2 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.427 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

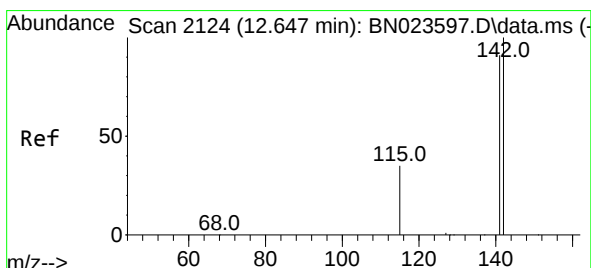
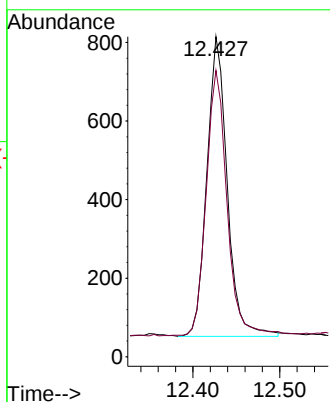
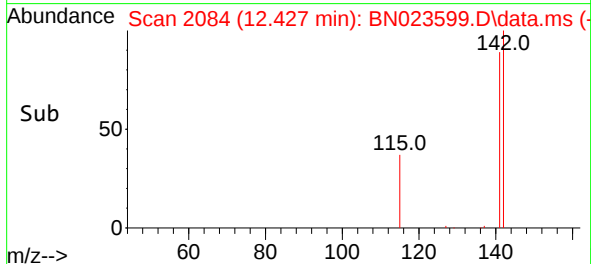
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2022-06



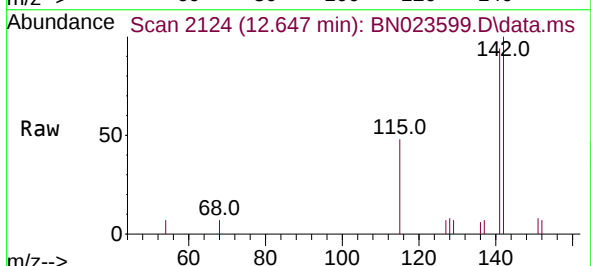
Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2

Manual Integrations
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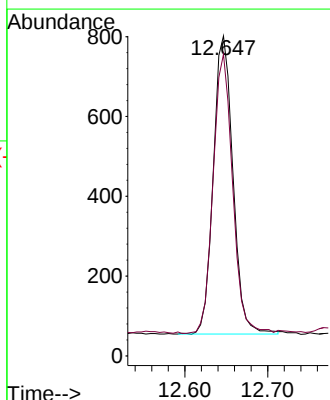
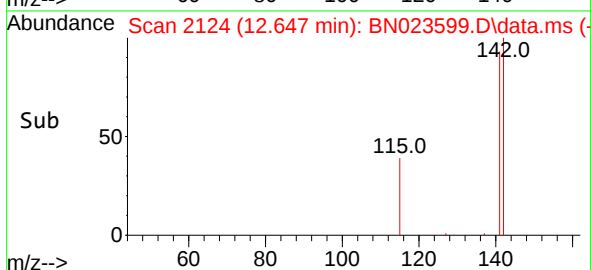
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

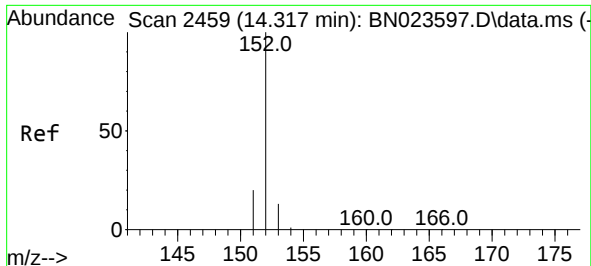


#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.647 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27



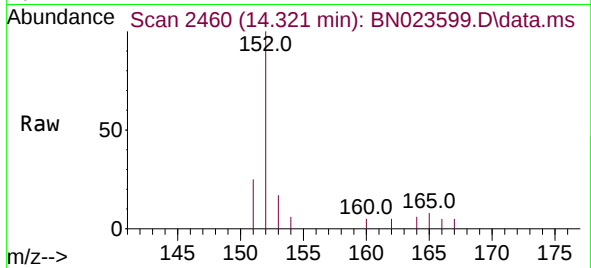
Tgt Ion:142 Resp: 1231
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1





#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.321 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

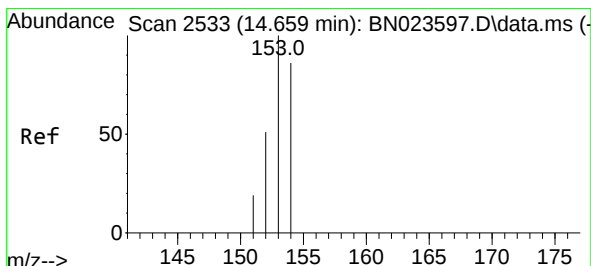
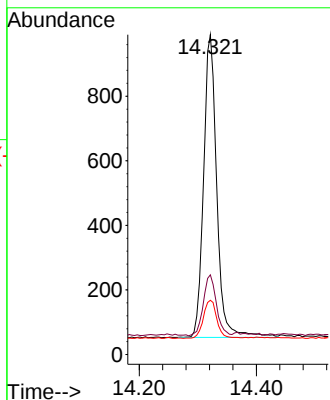
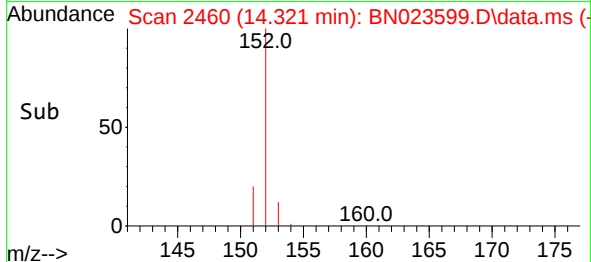
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:152 Resp: 1463
Ion Ratio Lower Upper
152 100
151 24.9 16.3 24.5
153 17.0 10.7 16.1

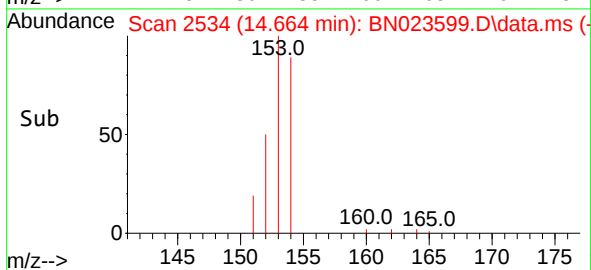
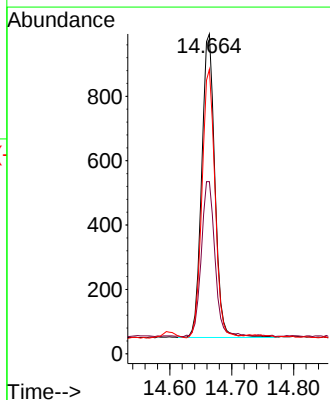
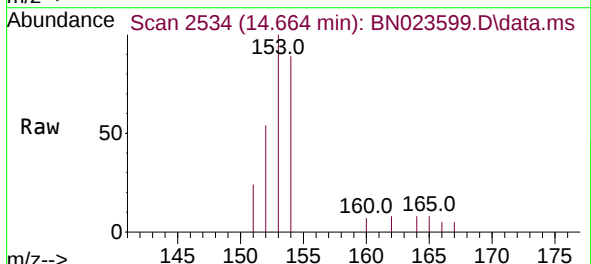
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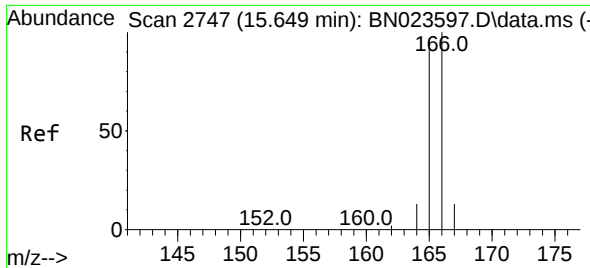
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.664 min Scan# 2534
Delta R.T. -0.005 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

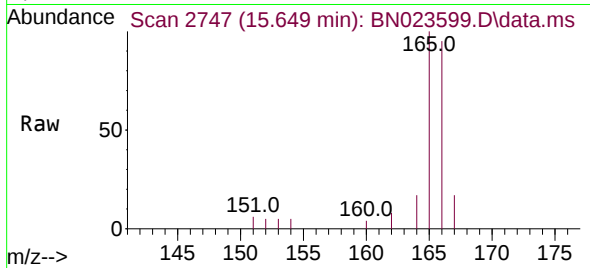
Tgt Ion:153 Resp: 1393
Ion Ratio Lower Upper
153 100
152 53.8 39.8 59.8
154 88.9 70.1 105.1





#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.649 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

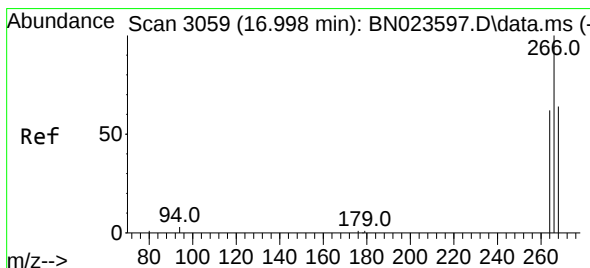
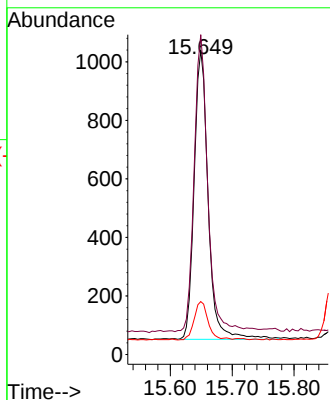
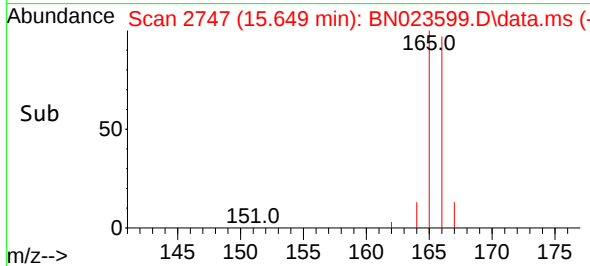
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2022-06



Tgt Ion:166 Resp: 1547
Ion Ratio Lower Upper
166 100
165 105.2 78.7 118.1
167 17.4 11.0 16.6

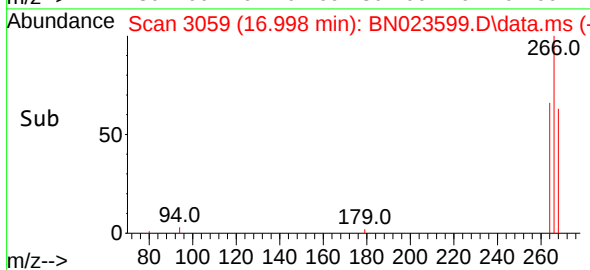
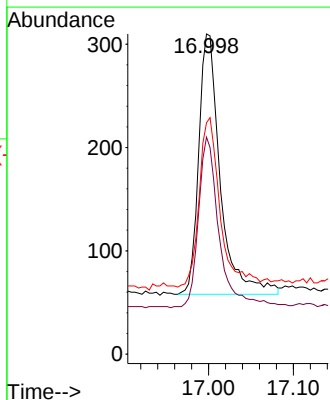
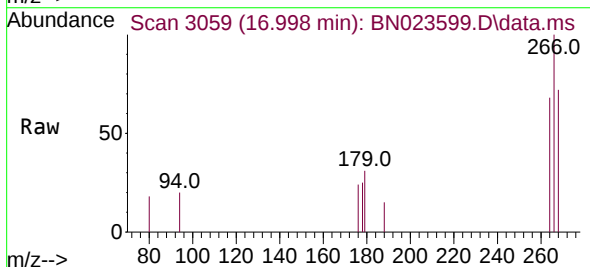
Manual Integrations
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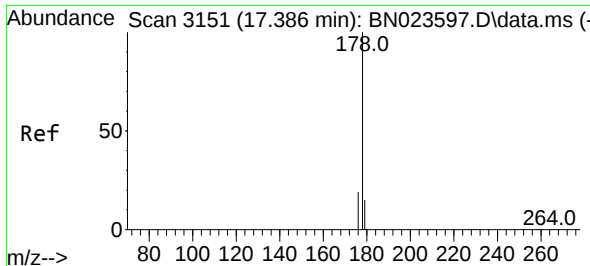
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#14
Pentachlorophenol
Concen: 0.096 ng/ul
RT: 16.998 min Scan# 3059
Delta R.T. -0.008 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

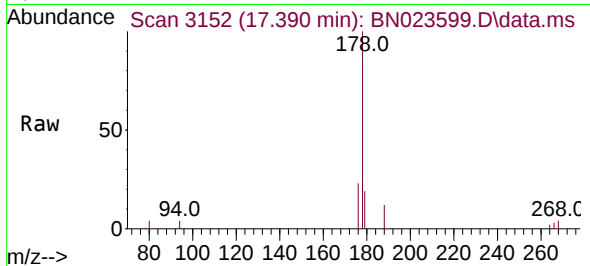
Tgt Ion:266 Resp: 446
Ion Ratio Lower Upper
266 100
264 63.0 50.0 75.0
268 65.9 51.4 77.0





#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.390 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

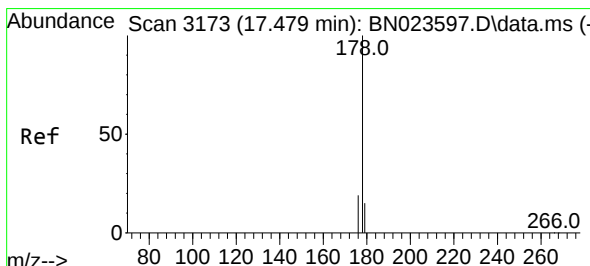
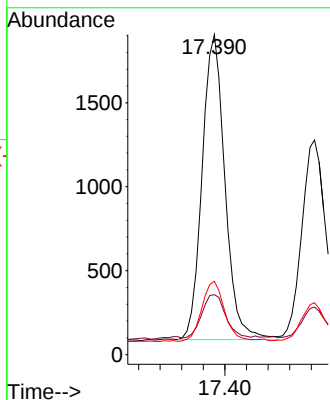
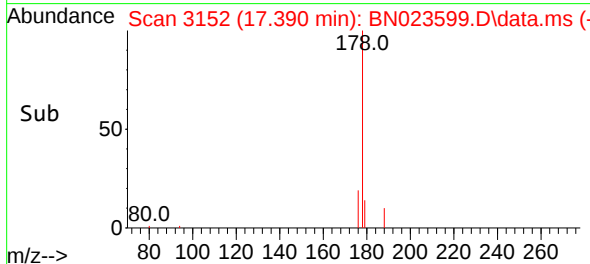
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:178 Resp: 2671
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 22.9 15.8 23.8

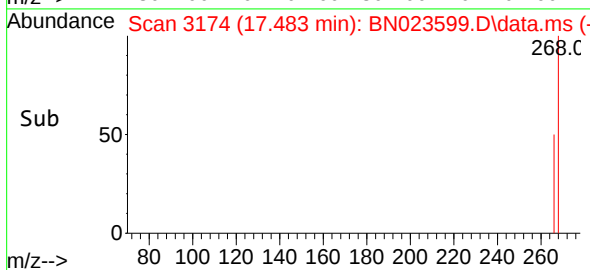
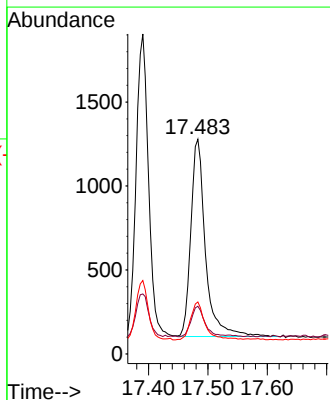
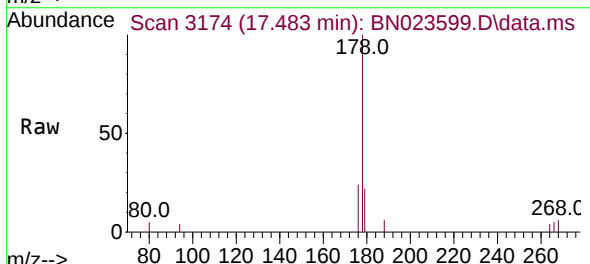
Manual Integrations
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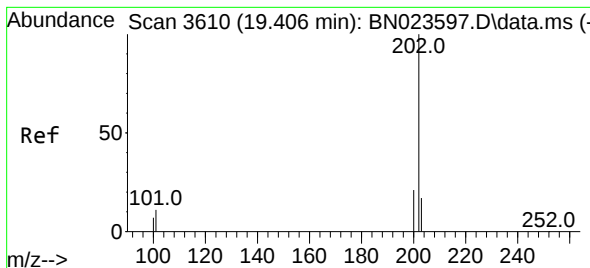
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#16
Anthracene
Concen: 0.052 ng/ul
RT: 17.483 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

Tgt Ion:178 Resp: 2008
Ion Ratio Lower Upper
178 100
179 22.2 12.7 19.1#
176 24.2 15.4 23.2#





#19

Fluoranthene

Concen: 0.069 ng/u1

RT: 19.406 min Scan# 3610

Delta R.T. -0.005 min

Lab File: BN023599.D

Acq: 10 Jan 2023 11:27

Instrument :

BNA_N

ClientSampleId :

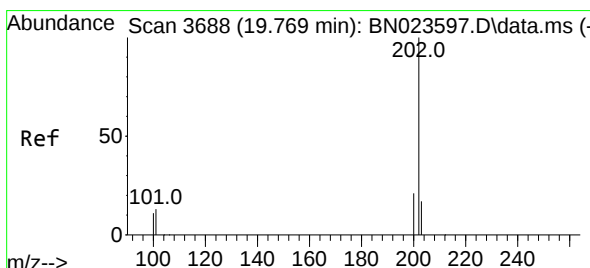
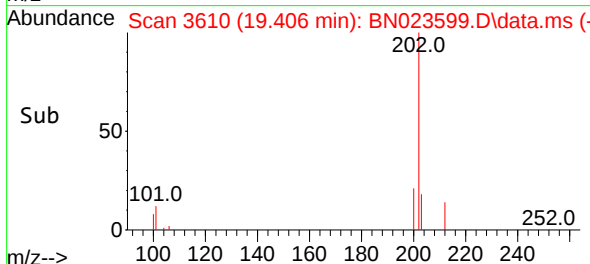
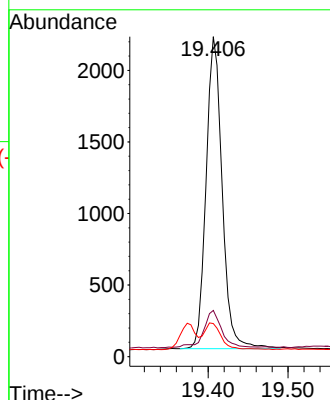
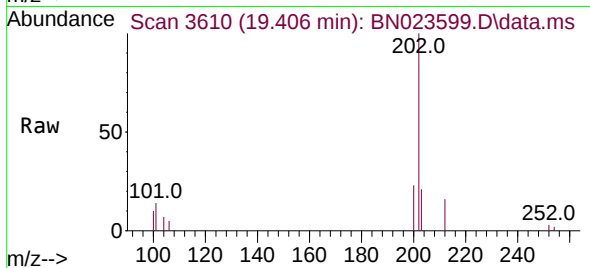
MDL-WATER-QT3-2022-06

Tgt Ion:	202	Resp:	3039
Ion Ratio	Lower	Upper	
202	100		
101	14.4	9.8	14.6
100	10.3	7.4	11.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#20

Pyrene

Concen: 0.066 ng/u1

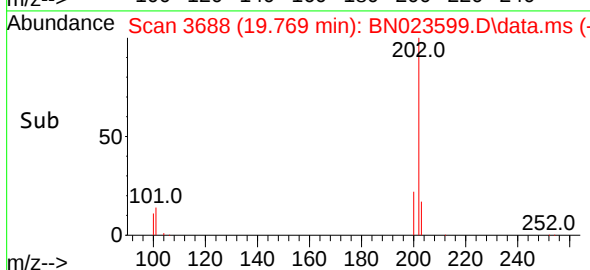
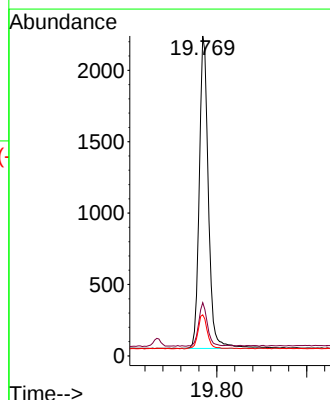
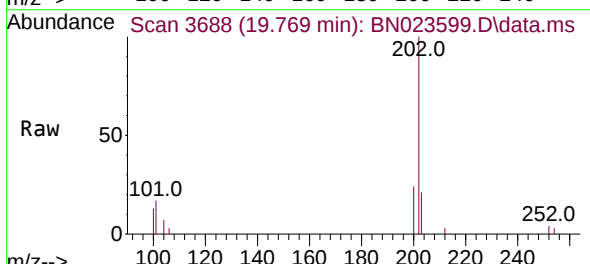
RT: 19.769 min Scan# 3688

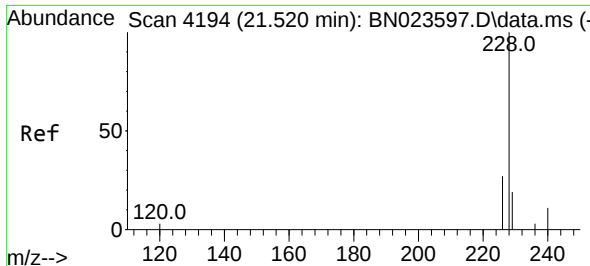
Delta R.T. -0.009 min

Lab File: BN023599.D

Acq: 10 Jan 2023 11:27

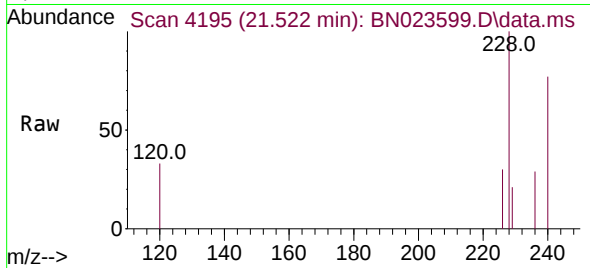
Tgt Ion:	202	Resp:	3089
Ion Ratio	Lower	Upper	
202	100		
101	16.6	10.3	15.5#
100	12.9	8.0	12.0#





#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

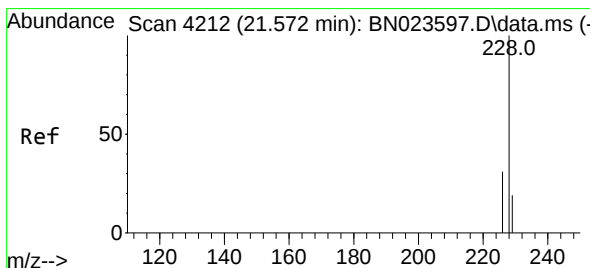
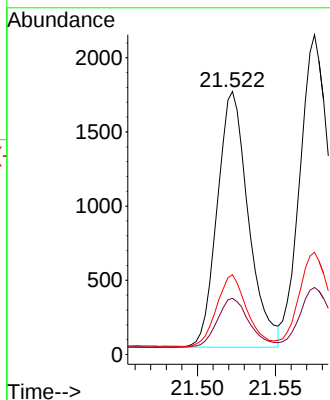
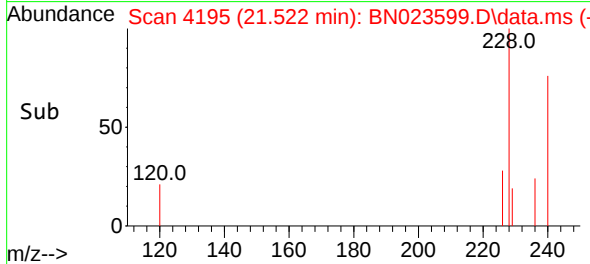
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:228 Resp: 2393
Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 30.3 22.4 33.6

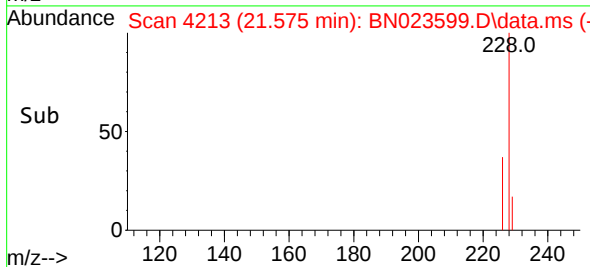
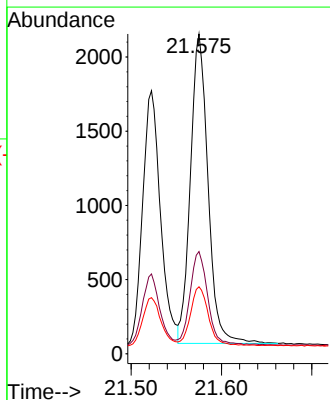
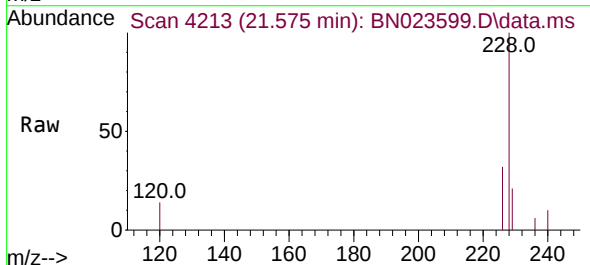
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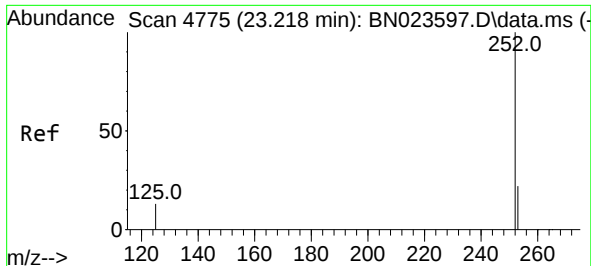
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#22
Chrysene
Concen: 0.065 ng/ul
RT: 21.575 min Scan# 4213
Delta R.T. -0.003 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

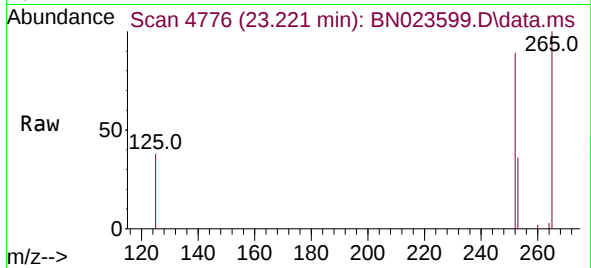
Tgt Ion:228 Resp: 2821
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 21.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.066 ng/ul
RT: 23.221 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

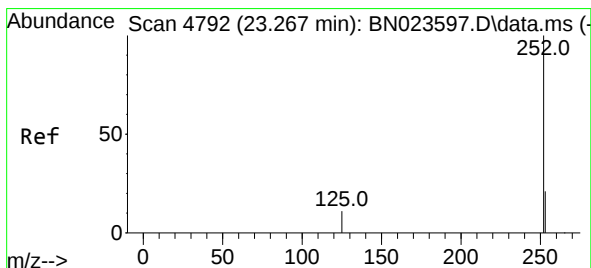
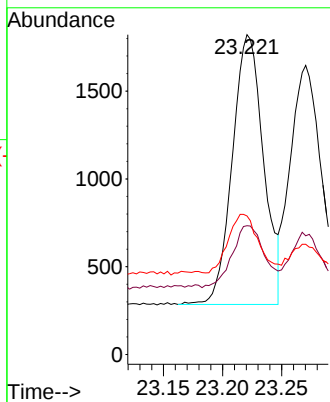
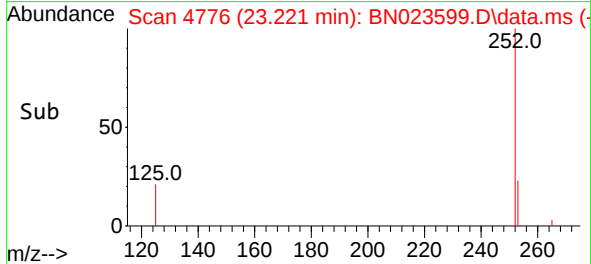
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:252 Resp: 282
Ion Ratio Lower Upper
252 100
253 40.3 0.0 49.2
125 43.3 0.0 34.2

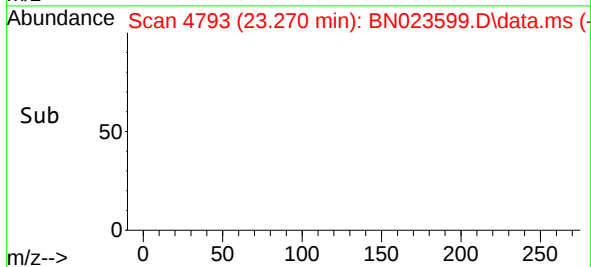
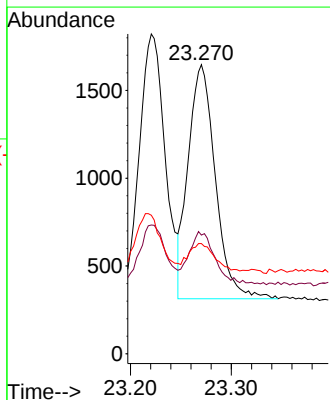
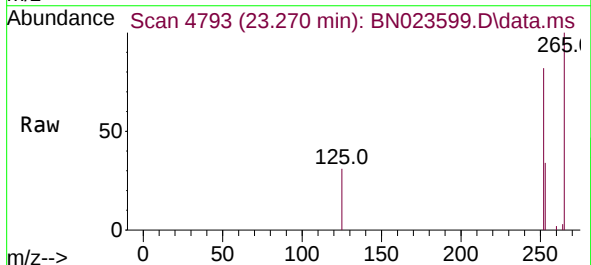
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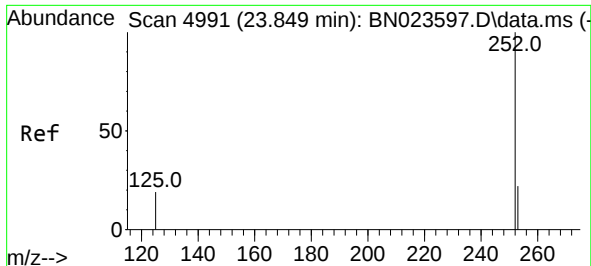
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.270 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

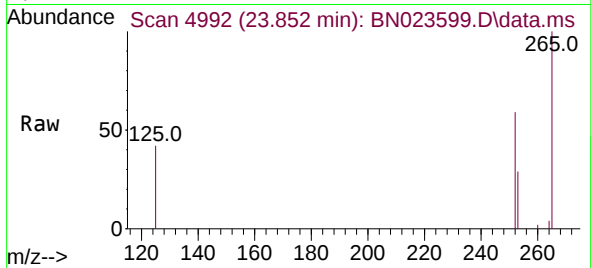
Tgt Ion:252 Resp: 2497
Ion Ratio Lower Upper
252 100
253 41.0 20.2 30.2#
125 38.1 12.1 18.1#





#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.852 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

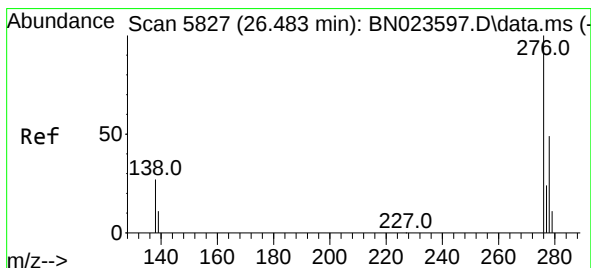
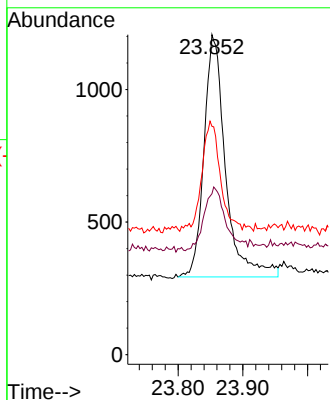
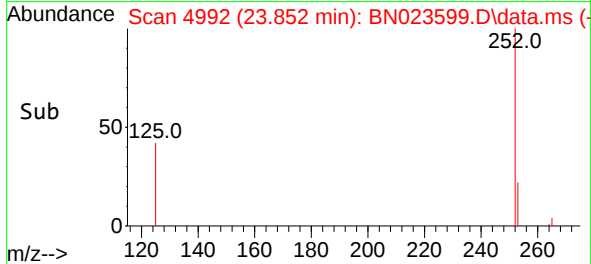
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:252 Resp: 2114
Ion Ratio Lower Upper
252 100
253 50.3 21.4 32.0
125 71.3 18.4 27.6

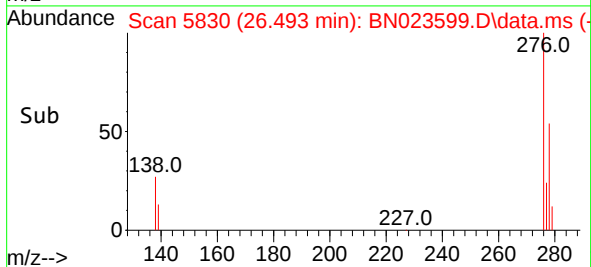
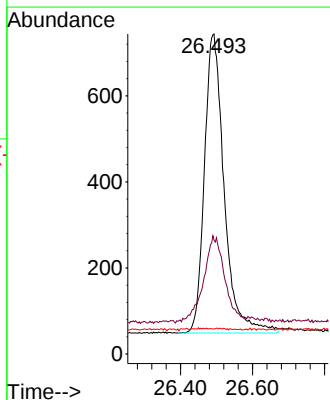
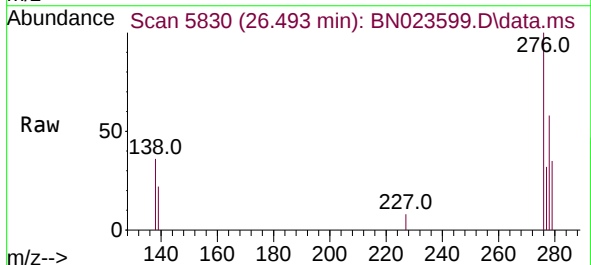
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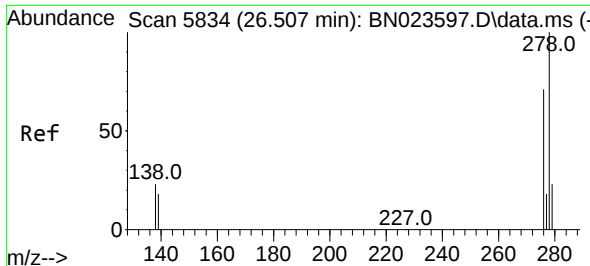
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 26.493 min Scan# 5830
Delta R.T. -0.000 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

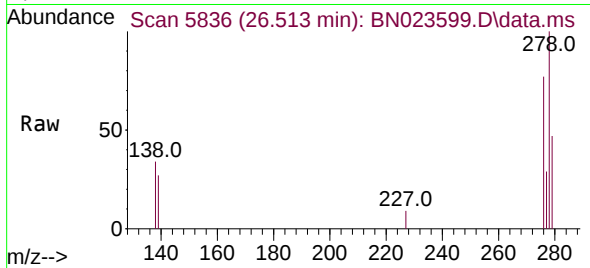
Tgt Ion:276 Resp: 2642
Ion Ratio Lower Upper
276 100
138 31.8 23.2 34.8
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.513 min Scan# 5834
Delta R.T. -0.000 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

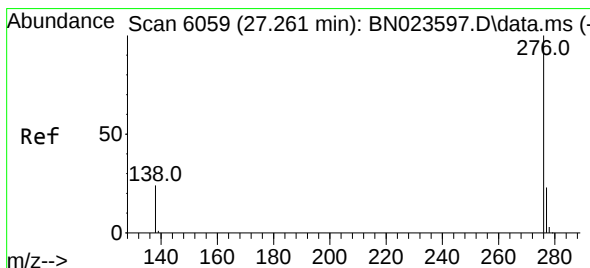
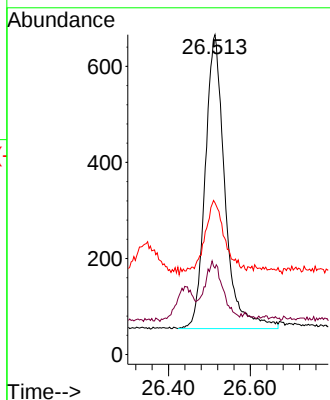
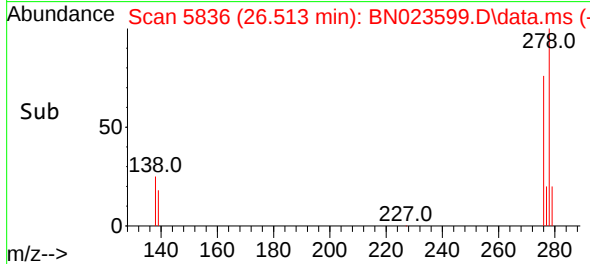
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06



Tgt Ion:278 Resp: 2044
Ion Ratio Lower Upper
278 100
139 27.0 16.5 24.7#
279 47.4 21.0 31.4#

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Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.268 min Scan# 6061
Delta R.T. -0.000 min
Lab File: BN023599.D
Acq: 10 Jan 2023 11:27

Tgt Ion:276 Resp: 2249
Ion Ratio Lower Upper
276 100
138 32.9 20.7 31.1#
277 32.0 19.6 29.4#

