

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010923\
 Data File : BN023592.D
 Acq On : 09 Jan 2023 12:36
 Operator : CG/JU
 Sample : N4239-01
 Misc : SFAM-SIM-MDL-W-01-0.07NG
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 09 13:07:04 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	14063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	7812	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	16895	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	13454	0.400	ng/ul	0.00
23) Perylene-d12	23.960	264	10329	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2533	0.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	6626	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	14219	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	394m	0.072	ng/ul	
5) Naphthalene	10.815	128	2357	0.058	ng/ul	95
7) 2-Methylnaphthalene	12.427	142	1448	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.647	142	1427	0.054	ng/ul	100
10) Acenaphthylene	14.321	152	1718	0.054	ng/ul#	92
11) Acenaphthene	14.664	153	1613	0.057	ng/ul	97
12) Fluorene	15.649	166	1788	0.055	ng/ul#	95
14) Pentachlorophenol	16.998	266	398	0.073	ng/ul	99
15) Phenanthrene	17.390	178	3108	0.059	ng/ul#	93
16) Anthracene	17.483	178	2268	0.050	ng/ul#	90
19) Fluoranthene	19.406	202	3474	0.068	ng/ul#	94
20) Pyrene	19.769	202	3472	0.065	ng/ul#	91
21) Benzo(a)anthracene	21.522	228	2676	0.054	ng/ul	98
22) Chrysene	21.575	228	3171	0.063	ng/ul	98
24) Benzo(b)fluoranthene	23.221	252	2977	0.062	ng/ul#	63
25) Benzo(k)fluoranthene	23.267	252	2797	0.062	ng/ul#	63
26) Benzo(a)pyrene	23.855	252	2214	0.056	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.486	276	2900	0.059	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.513	278	2306	0.059	ng/ul#	68
29) Benzo(g,h,i)perylene	27.265	276	2526	0.064	ng/ul#	87

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

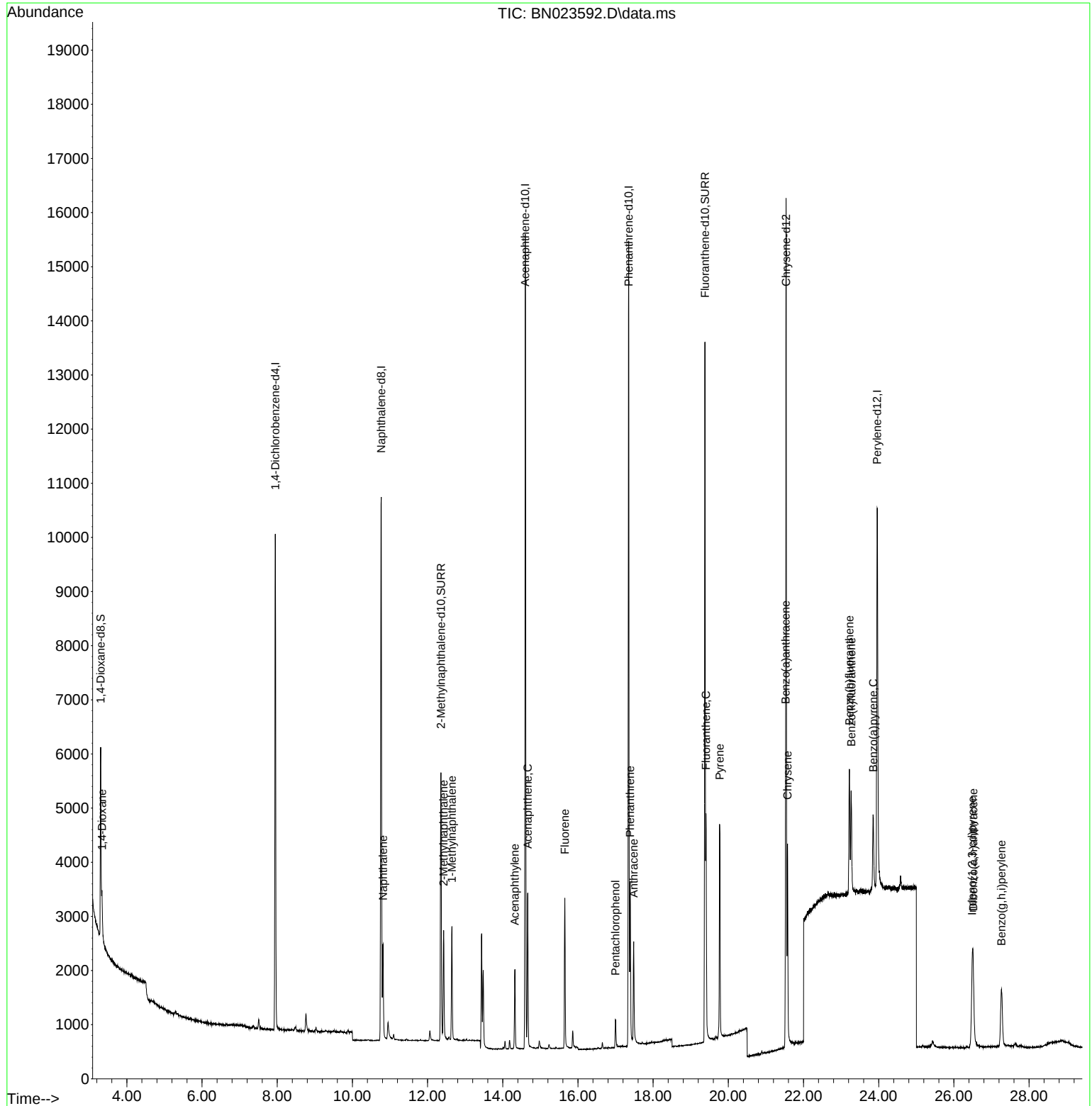
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010923\
Data File : BN023592.D
Acq On : 09 Jan 2023 12:36
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Misc : SFAM-SIM-MDL-W-01-0.07NG
ALS Vial : 4 Sample Multiplier: 1

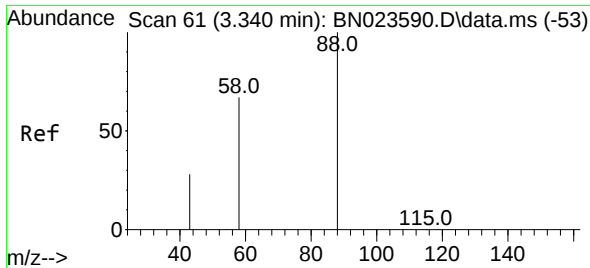
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05

Quant Time: Jan 09 13:07:04 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

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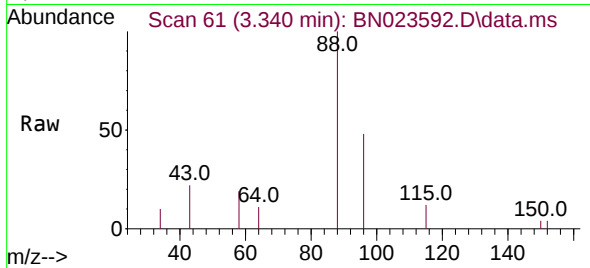
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023





#2
1,4-Dioxane
Concen: 0.072 ng/ul m
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

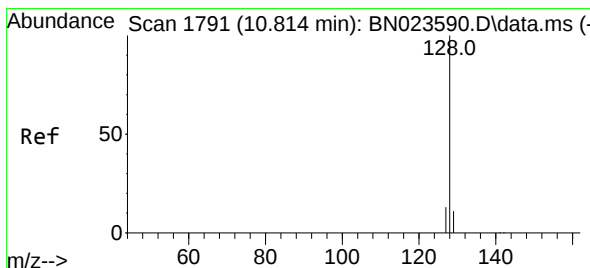
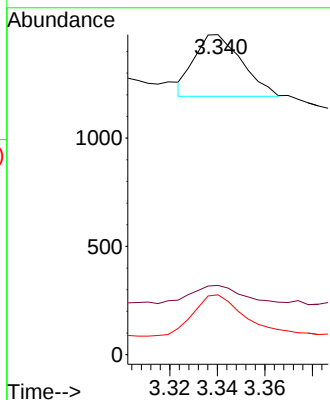
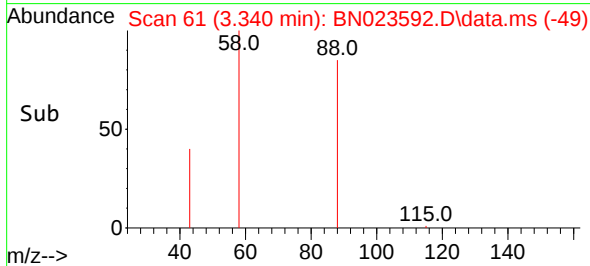
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion: 88 Resp: 394
Ion Ratio Lower Upper
88 100
43 21.7 44.0 66.0
58 18.7 50.5 75.7

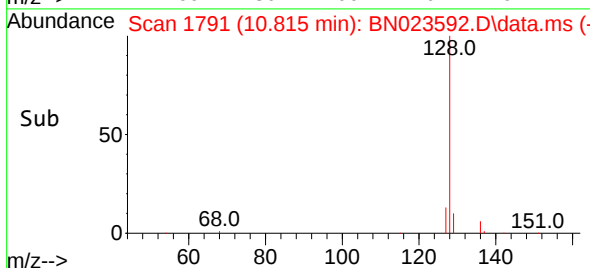
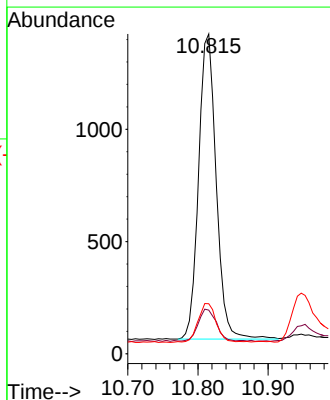
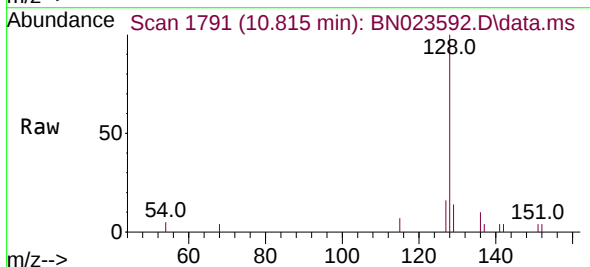
Manual Integrations
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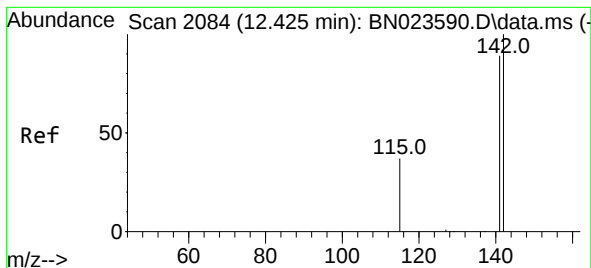
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

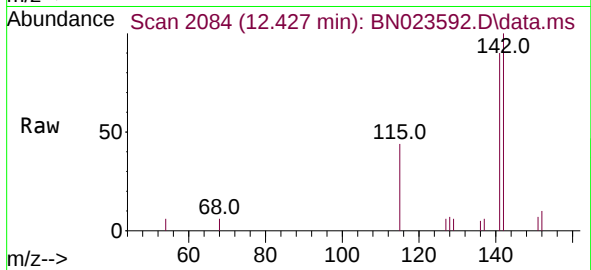
Tgt Ion:128 Resp: 2357
Ion Ratio Lower Upper
128 100
129 13.7 9.3 13.9
127 15.6 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.427 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

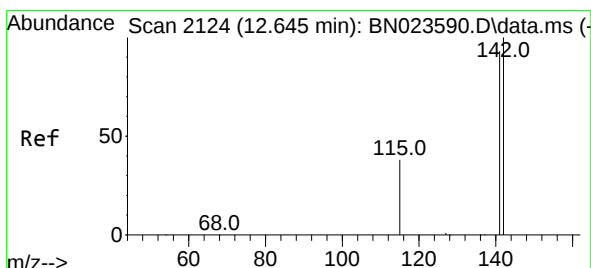
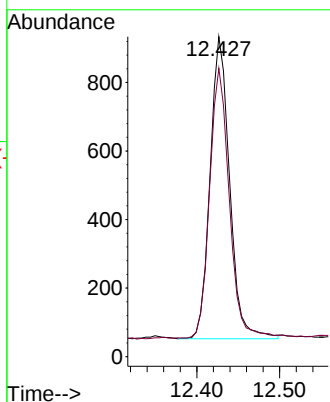
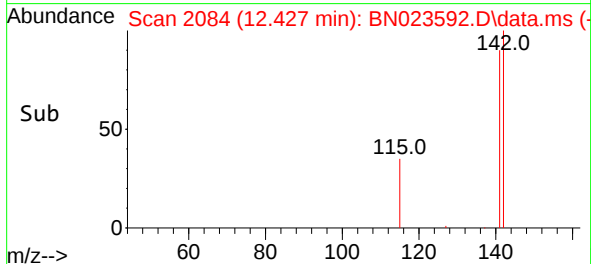
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2022-05



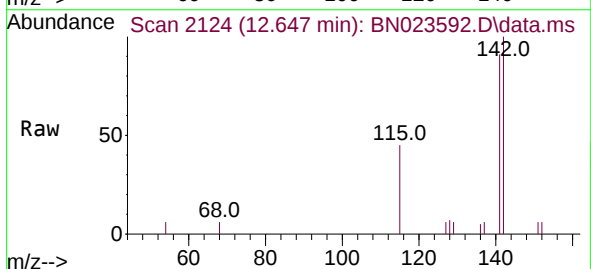
Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2

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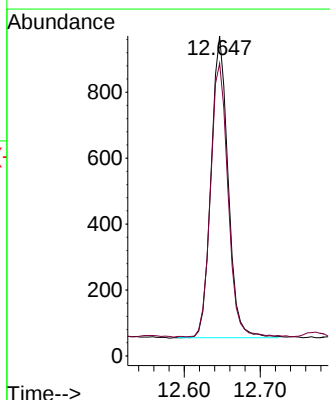
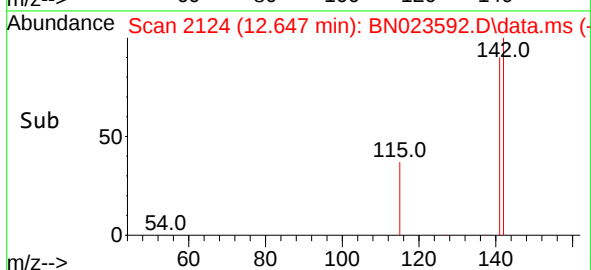
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

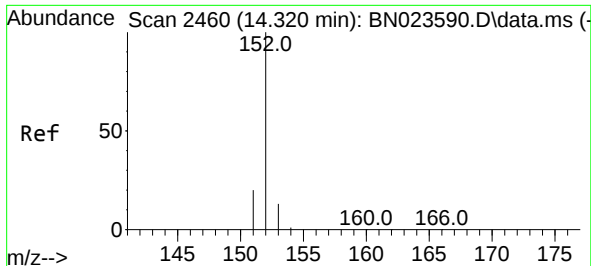


#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.647 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36



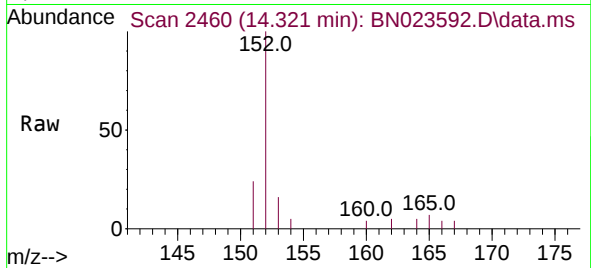
Tgt Ion:142 Resp: 1427
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1





#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.321 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

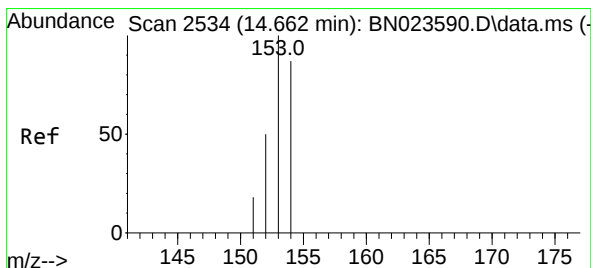
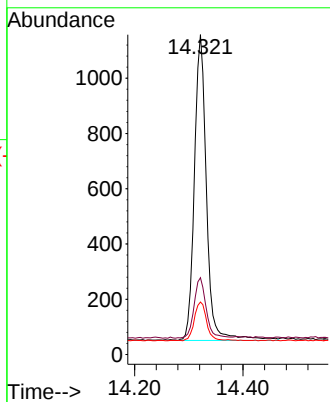
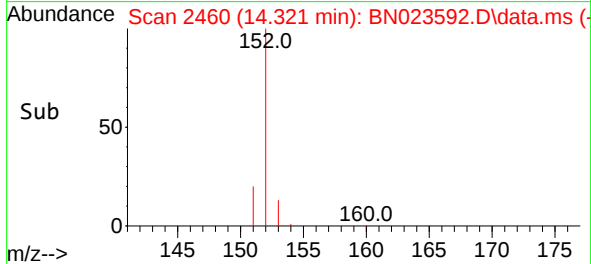
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:152 Resp: 1718
Ion Ratio Lower Upper
152 100
151 24.0 16.3 24.5
153 16.4 10.7 16.1

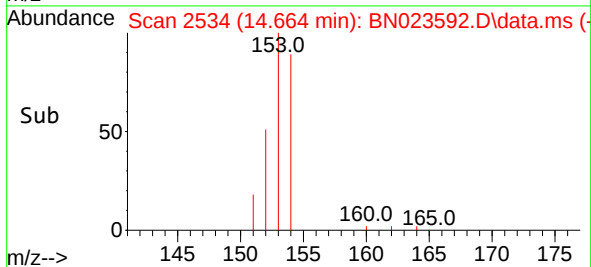
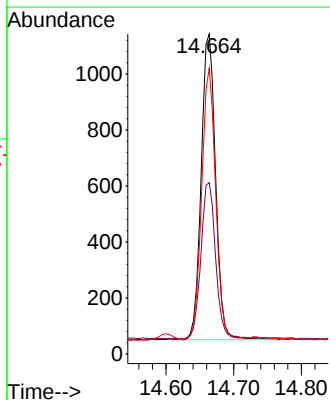
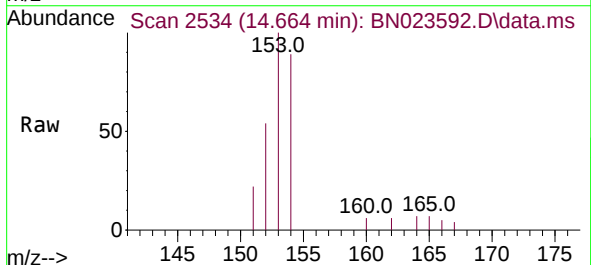
Manual Integrations
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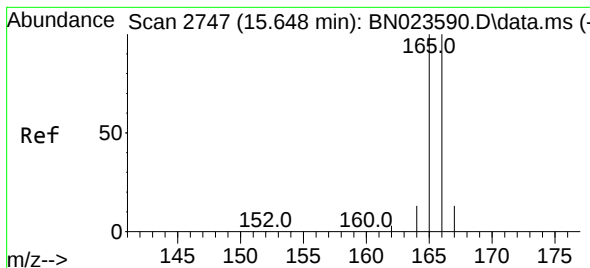
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.664 min Scan# 2534
Delta R.T. -0.005 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

Tgt Ion:153 Resp: 1613
Ion Ratio Lower Upper
153 100
152 53.5 39.8 59.8
154 89.3 70.1 105.1





#12

Fluorene

Concen: 0.055 ng/ul

RT: 15.649 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN023592.D

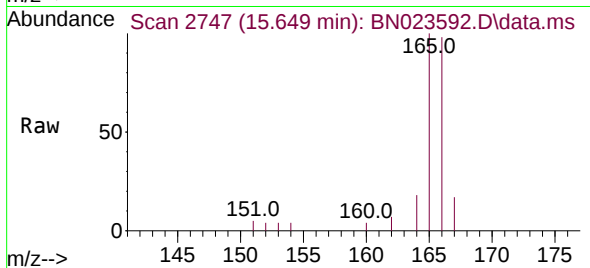
Acq: 09 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2022-05

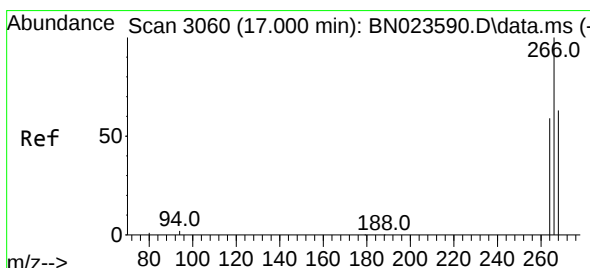
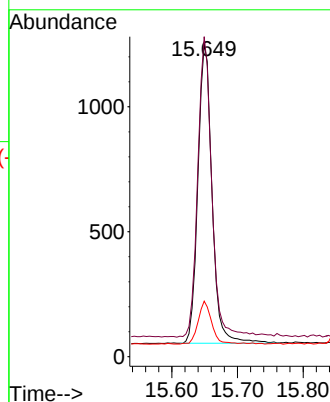
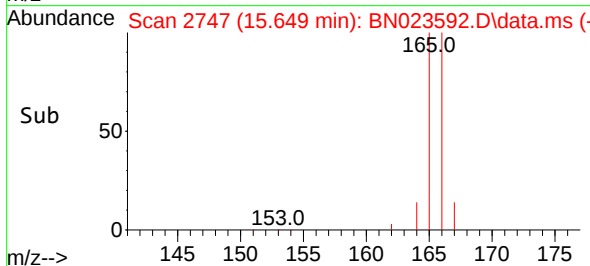


Tgt Ion:	166	Resp:	178
Ion Ratio	Lower	Upper	
166	100		
165	102.5	78.7	118.1
167	17.8	11.0	16.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#14

Pentachlorophenol

Concen: 0.073 ng/ul

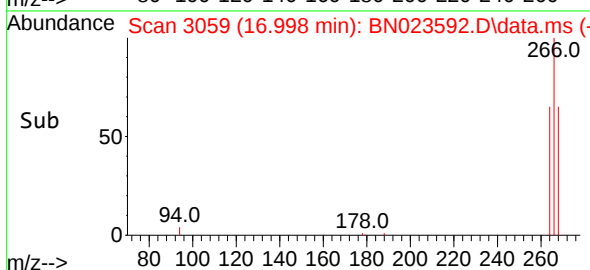
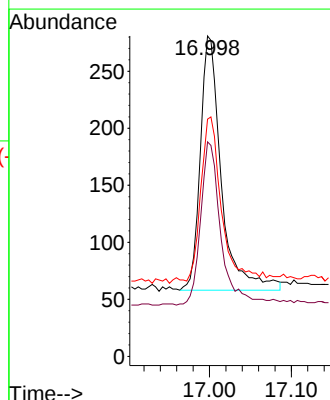
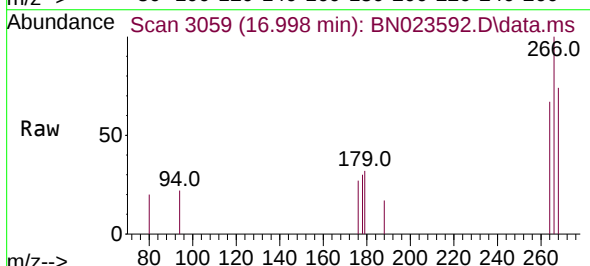
RT: 16.998 min Scan# 3059

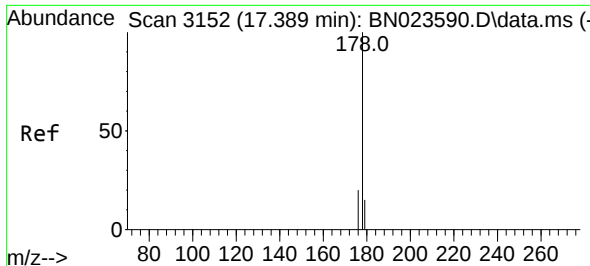
Delta R.T. -0.008 min

Lab File: BN023592.D

Acq: 09 Jan 2023 12:36

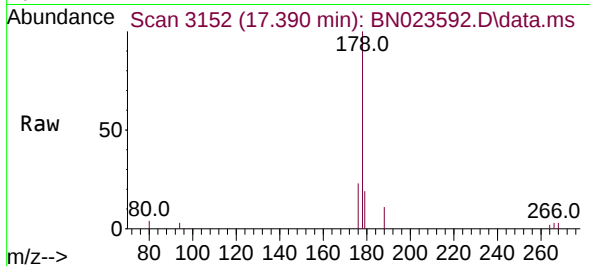
Tgt Ion:	266	Resp:	398
Ion Ratio	Lower	Upper	
266	100		
264	62.3	50.0	75.0
268	63.6	51.4	77.0





#15
Phenanthrene
Concen: 0.059 ng/u1
RT: 17.390 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

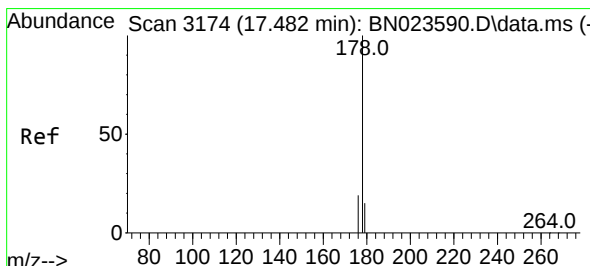
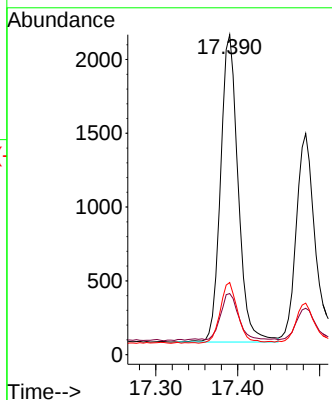
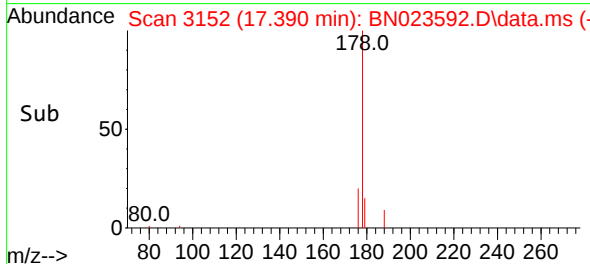
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:178 Resp: 3108
Ion Ratio Lower Upper
178 100
179 19.1 12.6 18.8#
176 22.5 15.8 23.8#

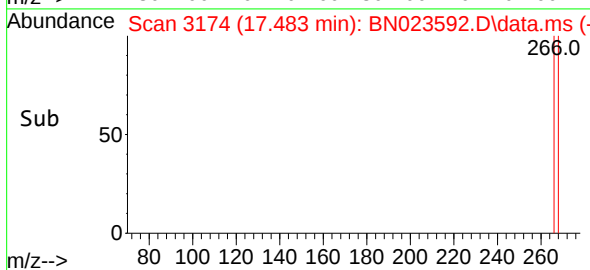
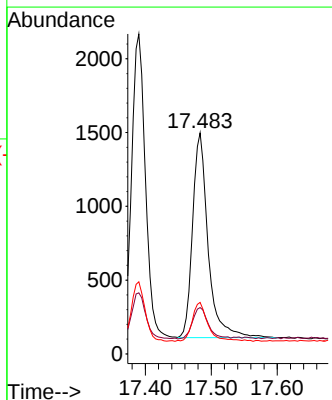
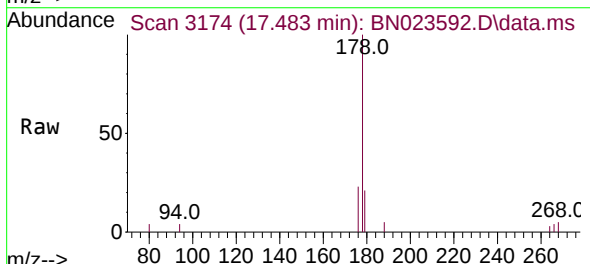
Manual Integrations
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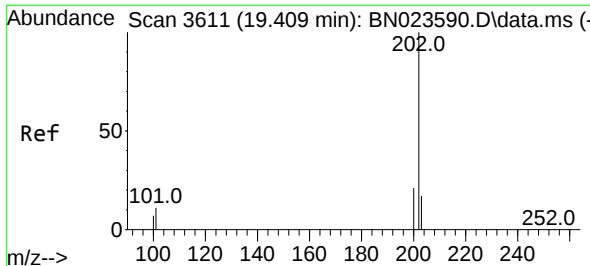
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#16
Anthracene
Concen: 0.050 ng/u1
RT: 17.483 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

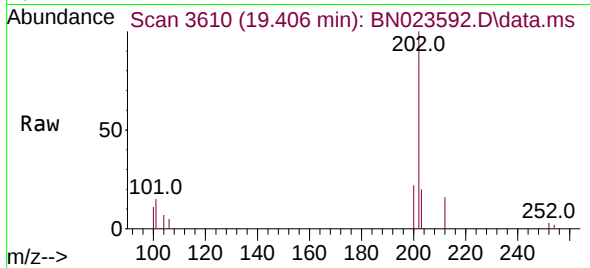
Tgt Ion:178 Resp: 2268
Ion Ratio Lower Upper
178 100
179 21.0 12.7 19.1#
176 23.3 15.4 23.2#





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.406 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

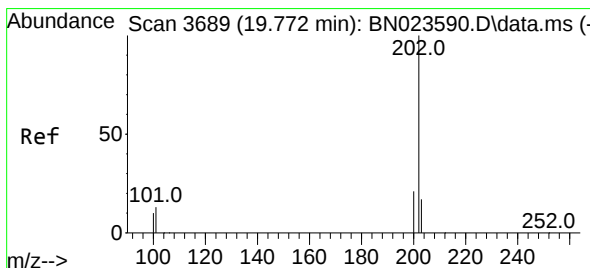
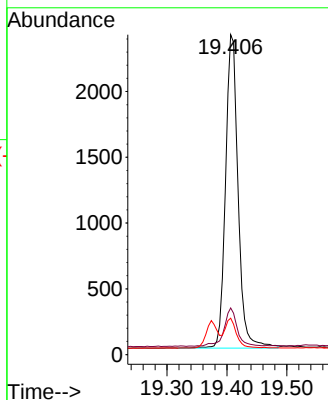
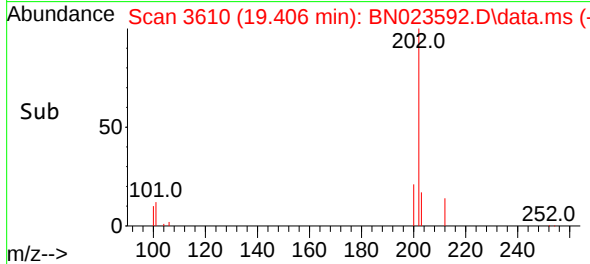
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:202 Resp: 3474
Ion Ratio Lower Upper
202 100
101 14.6 9.8 14.6
100 11.4 7.4 11.2

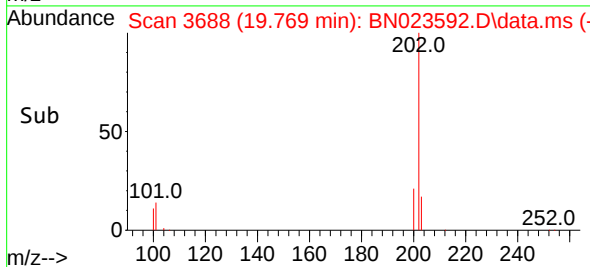
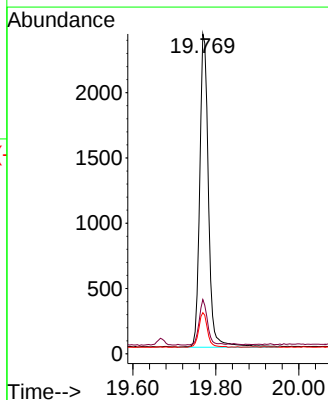
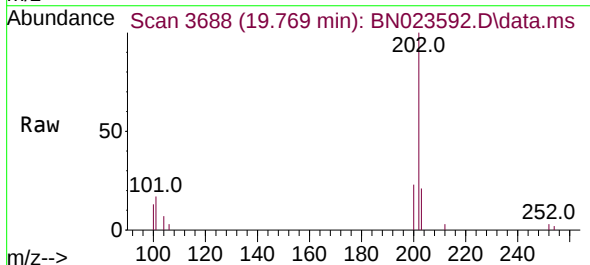
Manual Integrations
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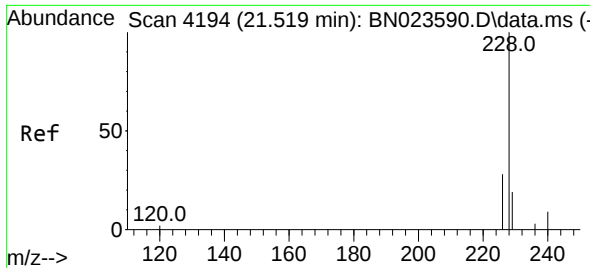
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#20
Pyrene
Concen: 0.065 ng/u1
RT: 19.769 min Scan# 3688
Delta R.T. -0.009 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

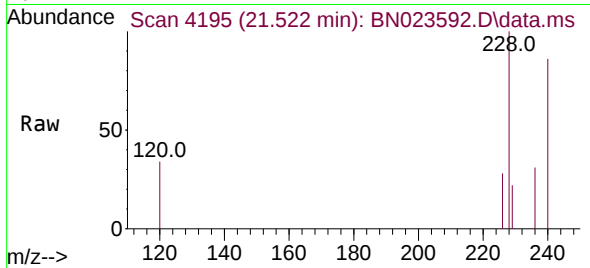
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Ion Ratio Lower Upper
202 100
101 16.9 10.3 15.5#
100 12.9 8.0 12.0#





#21
Benzo(a)anthracene
Concen: 0.054 ng/u1
RT: 21.522 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

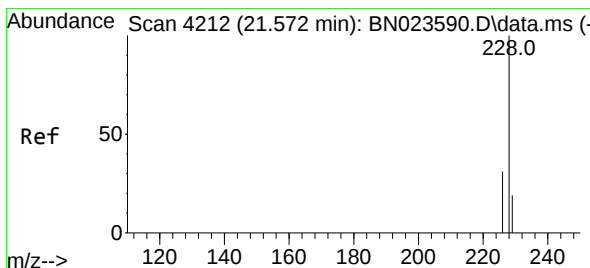
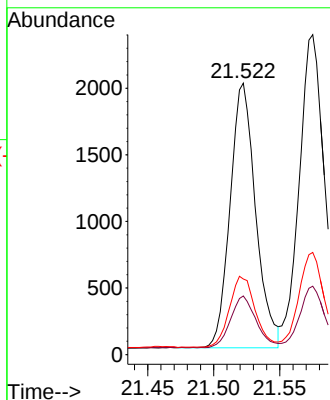
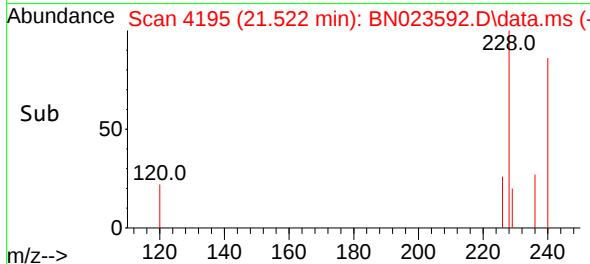
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:228 Resp: 2676
Ion Ratio Lower Upper
228 100
229 21.6 15.5 23.3
226 27.9 22.4 33.6

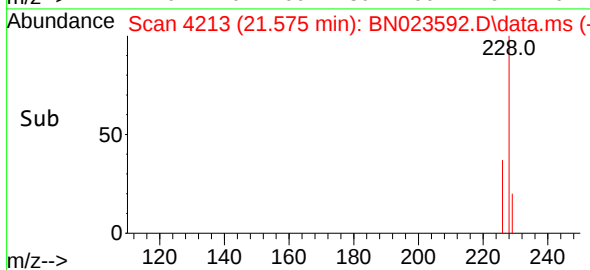
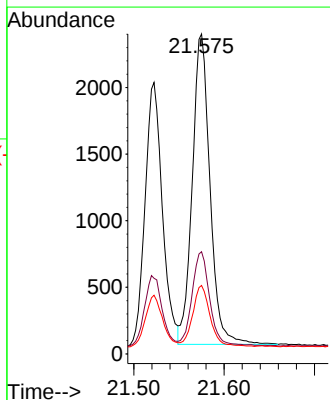
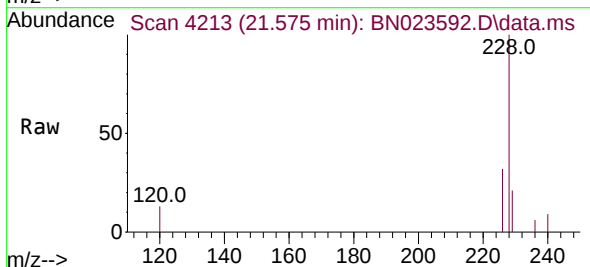
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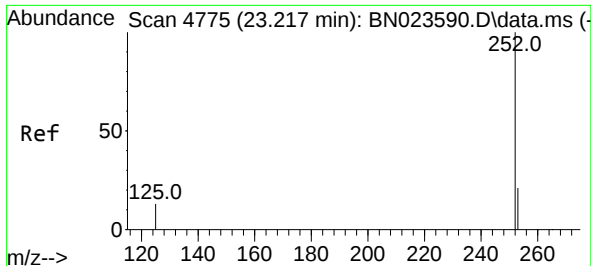
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#22
Chrysene
Concen: 0.063 ng/u1
RT: 21.575 min Scan# 4213
Delta R.T. -0.003 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

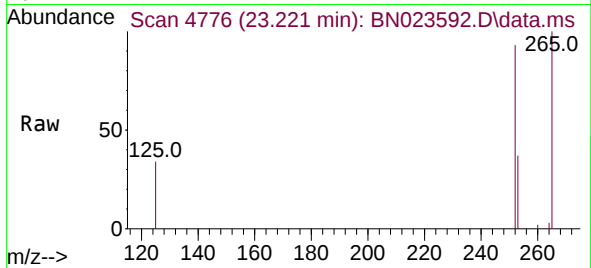
Tgt Ion:228 Resp: 3171
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 21.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul
RT: 23.221 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

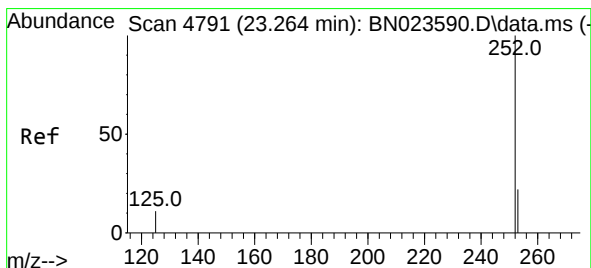
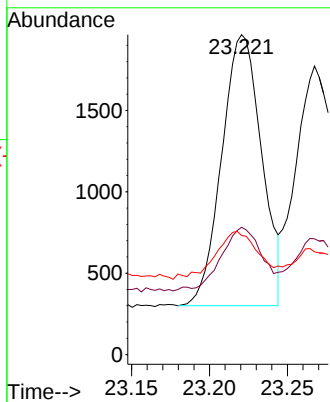
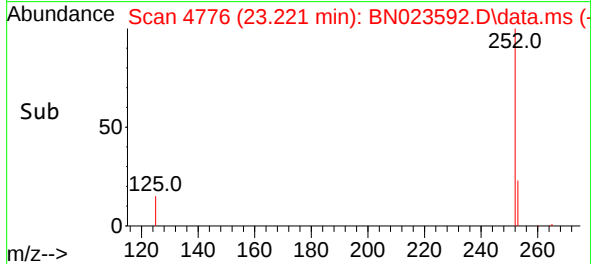
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:252 Resp: 2977
Ion Ratio Lower Upper
252 100
253 39.8 0.0 49.2
125 37.2 0.0 34.2

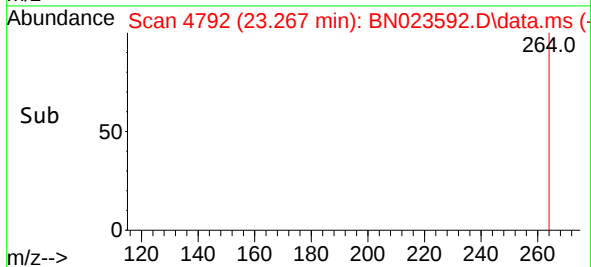
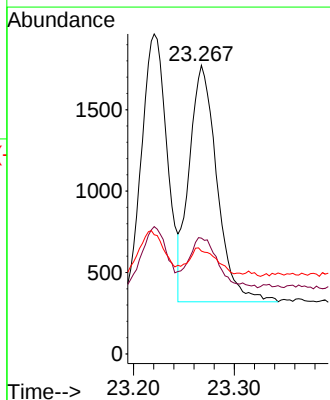
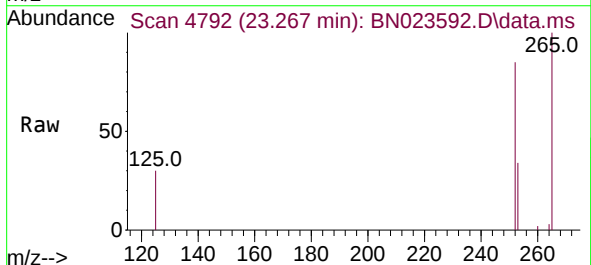
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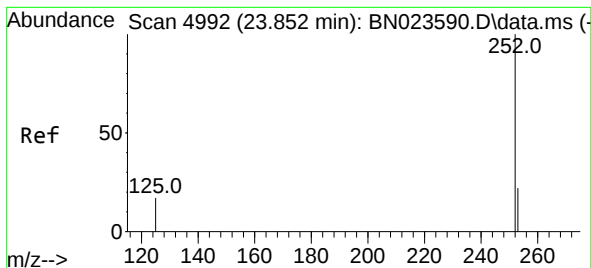
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.267 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

Tgt Ion:252 Resp: 2797
Ion Ratio Lower Upper
252 100
253 40.1 20.2 30.2#
125 35.6 12.1 18.1#





#26

Benzo(a)pyrene

Concen: 0.056 ng/ul

RT: 23.855 min Scan# 4992

Delta R.T. -0.003 min

Lab File: BN023592.D

Acq: 09 Jan 2023 12:36

Instrument :

BN023592.D

ClientSampleId :

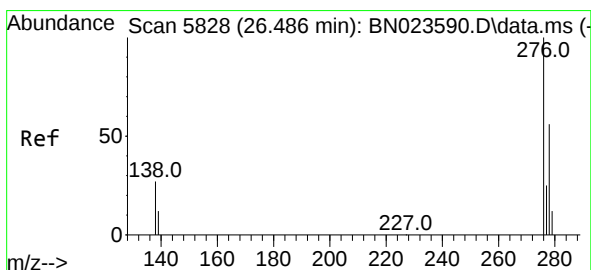
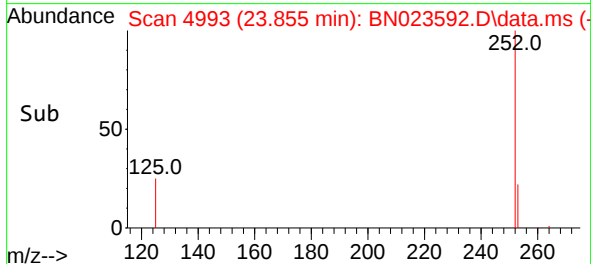
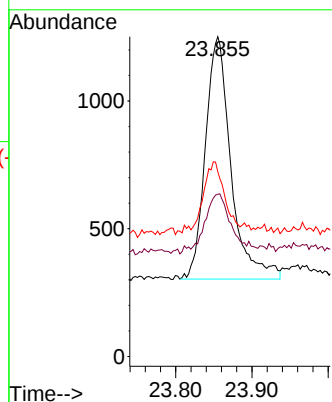
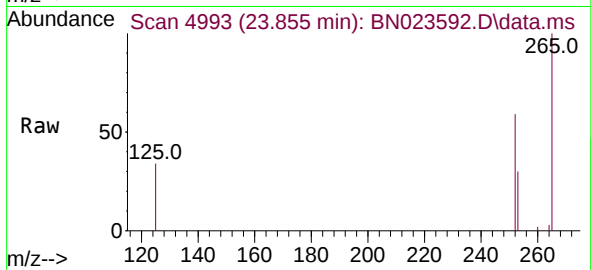
MDL-WATER-QT3-2022-05

Tgt Ion:	252	Resp:	2214
Ion Ratio	Lower	Upper	
252	100		
253	50.7	21.4	32.0
125	57.7	18.4	27.6

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Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.059 ng/ul

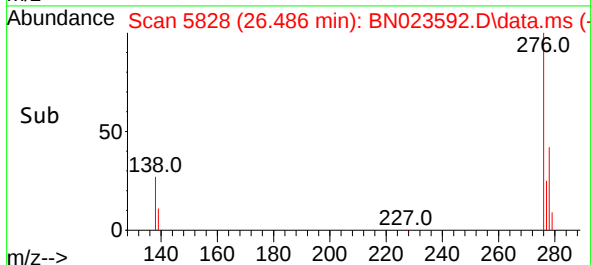
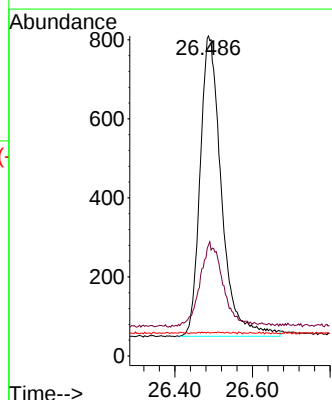
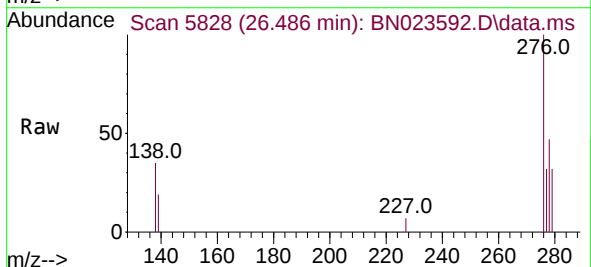
RT: 26.486 min Scan# 5828

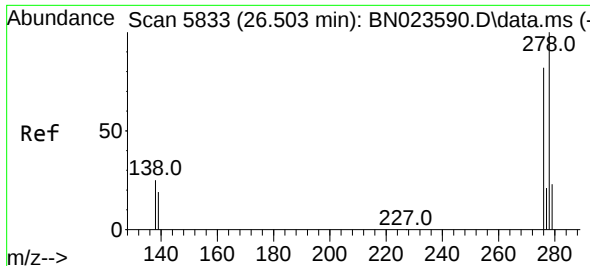
Delta R.T. -0.007 min

Lab File: BN023592.D

Acq: 09 Jan 2023 12:36

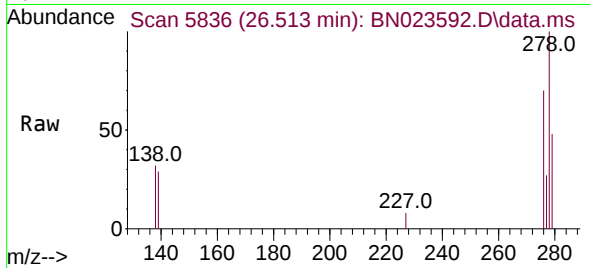
Tgt Ion:	276	Resp:	2900
Ion Ratio	Lower	Upper	
276	100		
138	29.7	23.2	34.8
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.513 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

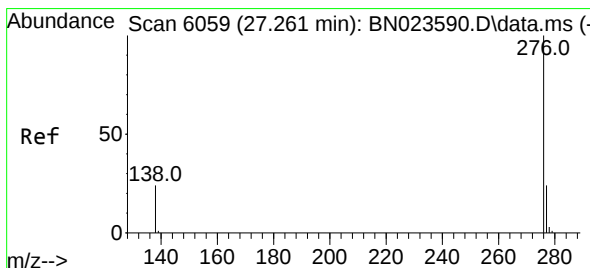
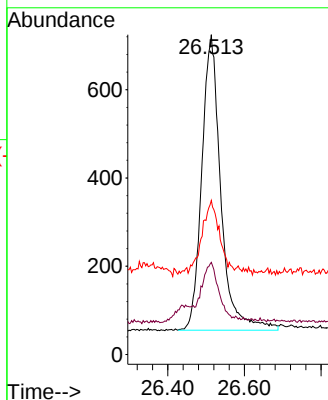
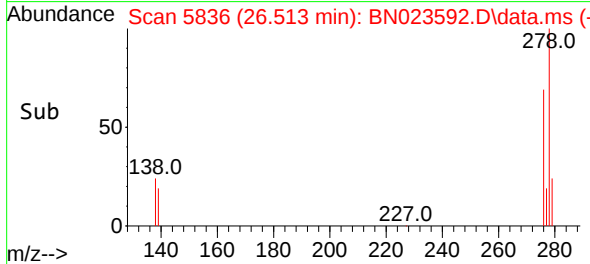
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:278 Resp: 2306
Ion Ratio Lower Upper
278 100
139 28.8 16.5 24.7#
279 48.1 21.0 31.4#

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.265 min Scan# 6060
Delta R.T. -0.003 min
Lab File: BN023592.D
Acq: 09 Jan 2023 12:36

Tgt Ion:276 Resp: 2526
Ion Ratio Lower Upper
276 100
138 33.3 20.7 31.1#
277 30.5 19.6 29.4#

