

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033915.D
 Acq On : 14 Sep 2024 15:05
 Operator : JU/RC
 Sample : P3391-01
 Misc : SFAM-SIM-MDL-Q3-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 14:26:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	9361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.133	164	4729	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188	9832	0.400	ng/ul	0.00
17) Chrysene-d12	21.103	240	8241	0.400	ng/ul	0.00
23) Perylene-d12	23.248	264	9430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2022	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	5162	0.384	ng/ul	0.00
18) Fluoranthene-d10	18.924	212	9598	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	420m	0.106	ng/ul	
5) Naphthalene	10.294	128	1818	0.073	ng/ul#	89
7) 2-Methylnaphthalene	11.922	142	1092	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.142	142	1125	0.069	ng/ul	100
10) Acenaphthylene	13.846	152	1519	0.071	ng/ul#	89
11) Acenaphthene	14.193	153	1163	0.075	ng/ul	96
12) Fluorene	15.192	166	1186	0.068	ng/ul#	95
14) Pentachlorophenol	16.547	266	175	0.057	ng/ul	93
15) Phenanthrene	16.927	178	1795	0.062	ng/ul#	91
16) Anthracene	17.020	178	1507	0.058	ng/ul#	85
19) Fluoranthene	18.957	202	2118	0.065	ng/ul#	93
20) Pyrene	19.324	202	2170	0.063	ng/ul#	92
21) Benzo(a)anthracene	21.089	228	1919	0.059	ng/ul#	93
22) Chrysene	21.138	228	2279	0.070	ng/ul	94
24) Benzo(b)fluoranthene	22.614	252	2189	0.060	ng/ul#	44
25) Benzo(k)fluoranthene	22.658	252	2351	0.064	ng/ul#	43
26) Benzo(a)pyrene	23.152	252	2005	0.068	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.368	276	2793	0.063	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.388	278	2141	0.062	ng/ul#	54
29) Benzo(g,h,i)perylene	26.008	276	2339	0.068	ng/ul#	85

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

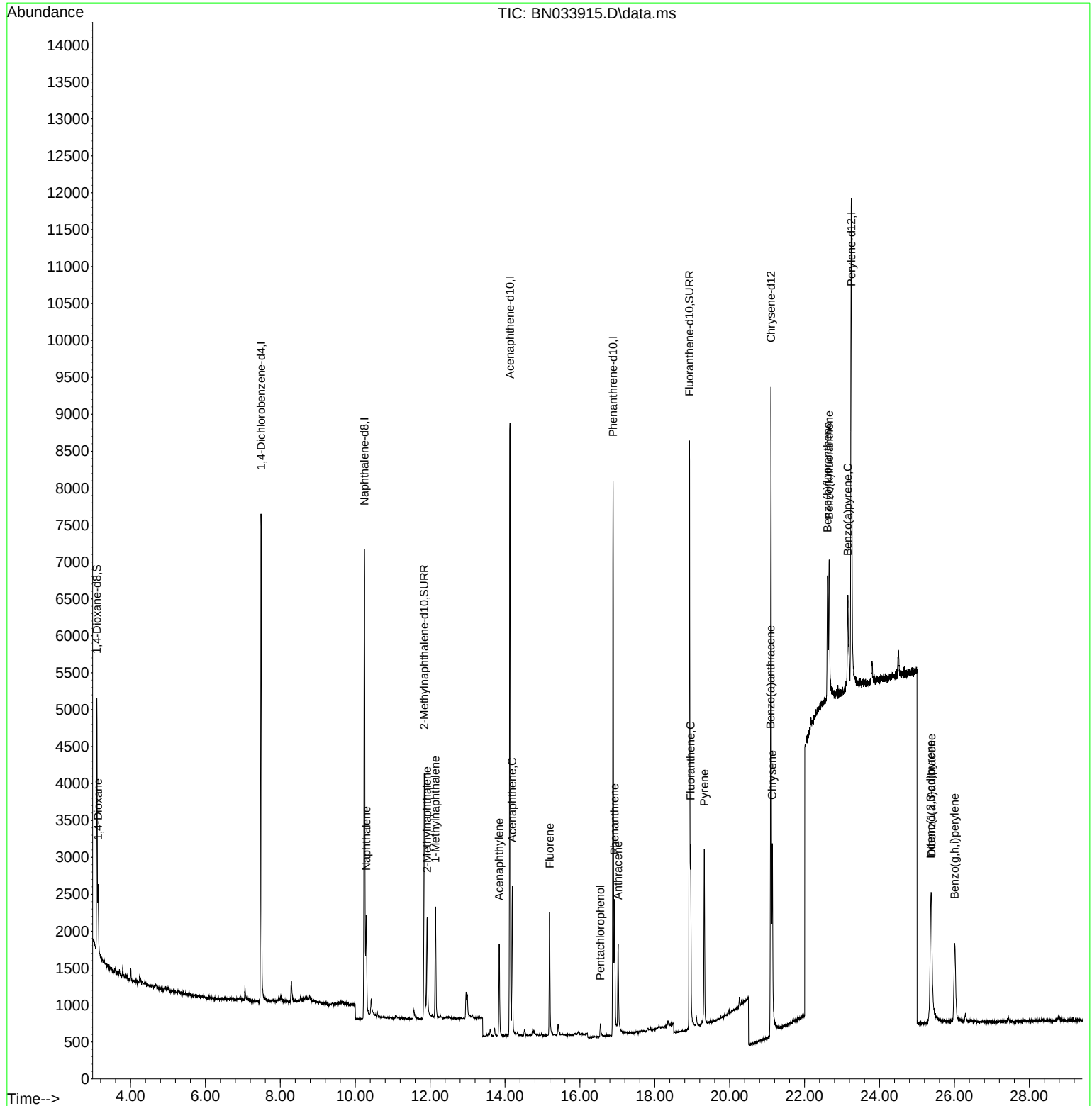
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033915.D
Acq On : 14 Sep 2024 15:05
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Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

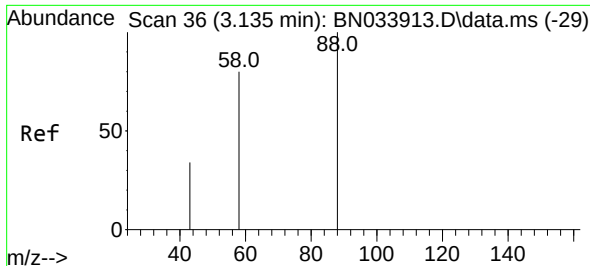
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

Quant Time: Sep 16 14:26:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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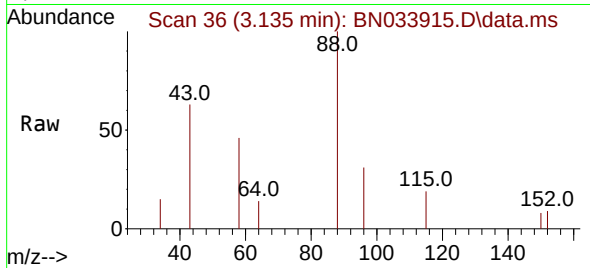
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024





#2
1,4-Dioxane
Concen: 0.106 ng/ul m
RT: 3.135 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

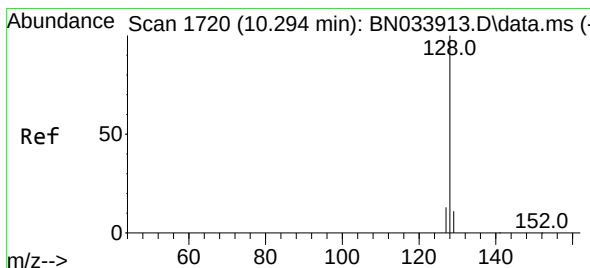
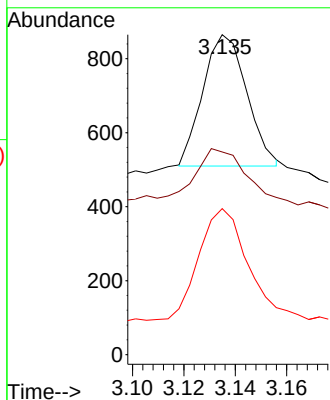
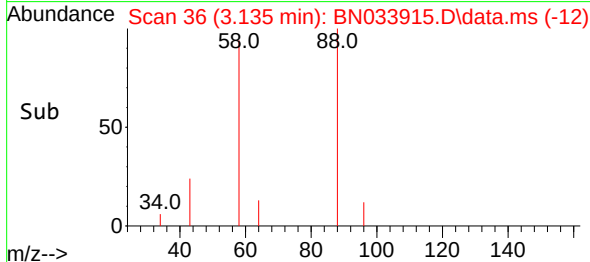
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 88 Resp: 420
Ion Ratio Lower Upper
88 100
43 63.4 47.0 70.4
58 45.7 53.0 79.4

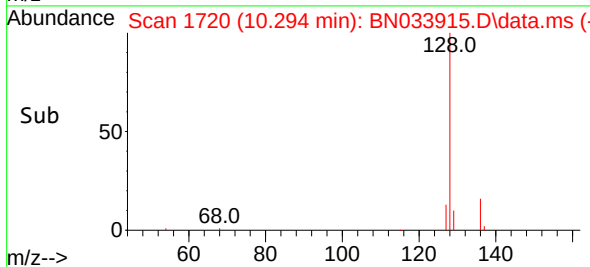
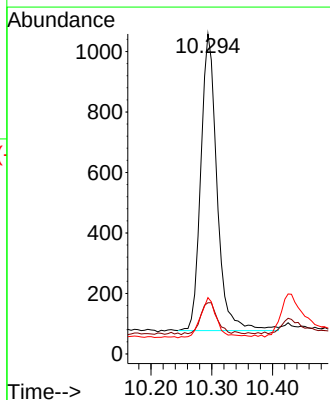
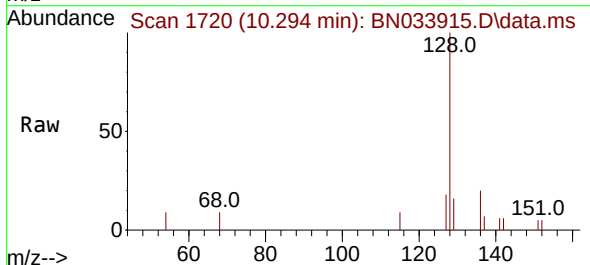
Manual Integrations
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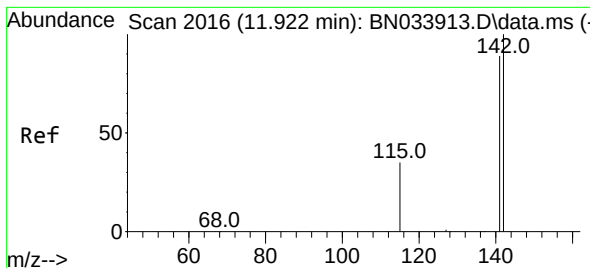
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.294 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

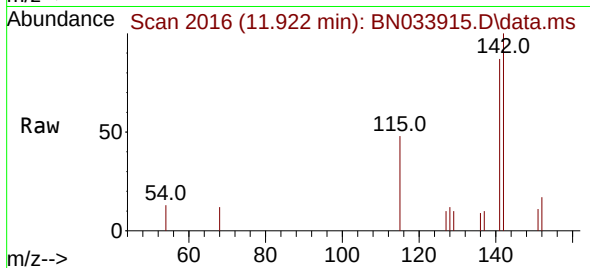
Tgt Ion:128 Resp: 1818
Ion Ratio Lower Upper
128 100
129 16.0 9.3 13.9#
127 17.6 10.8 16.2#





#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 11.922 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

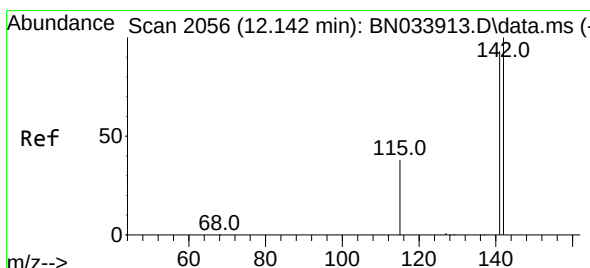
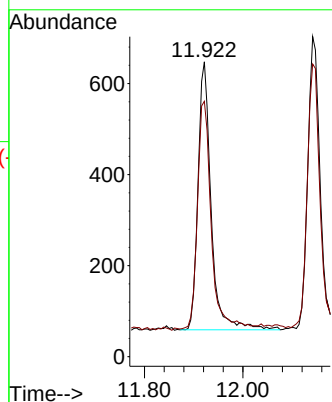
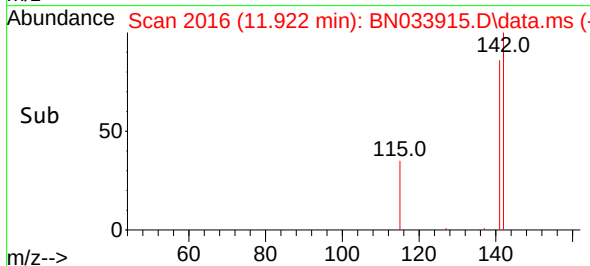
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



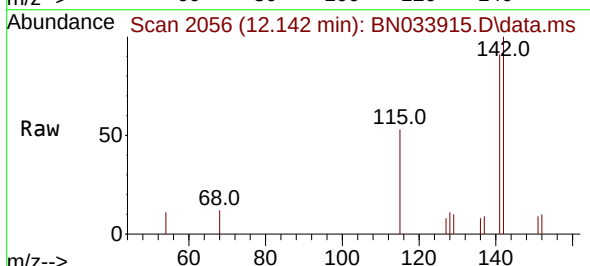
Tgt Ion:142 Resp: 1092
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7

Manual Integrations
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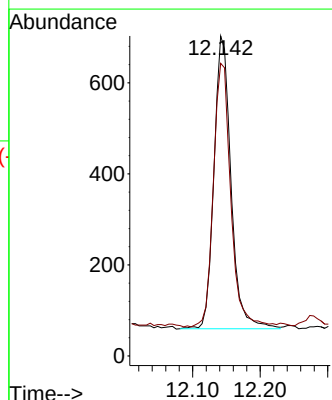
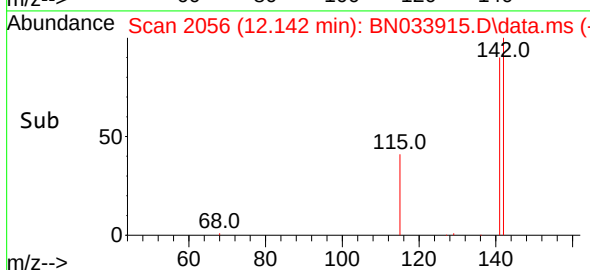
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

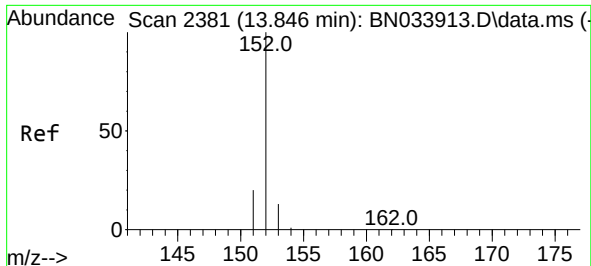


#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.142 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05



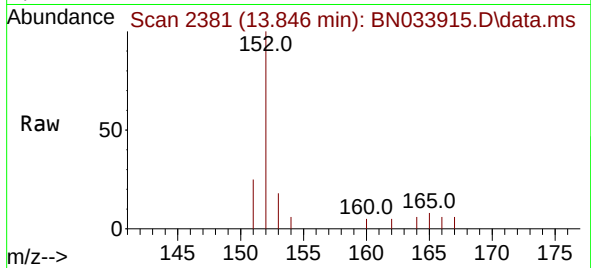
Tgt Ion:142 Resp: 1125
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4





#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.846 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

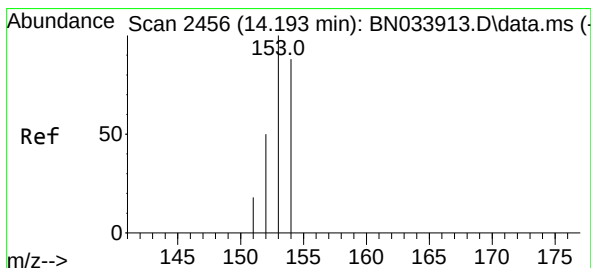
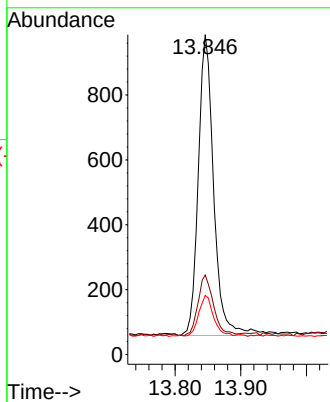
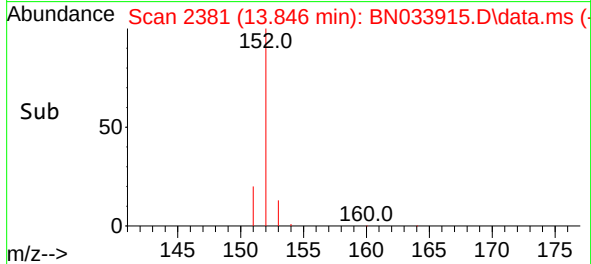
Instrument : BNA_N
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion:152 Resp: 1519
Ion Ratio Lower Upper
152 100
151 24.8 16.2 24.4
153 18.5 10.8 16.2

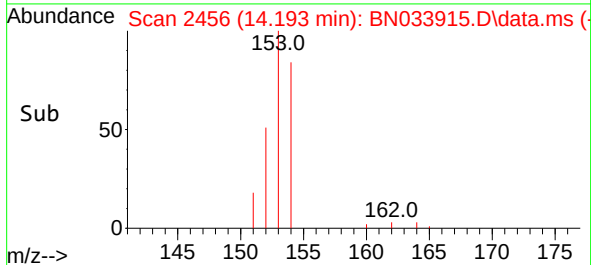
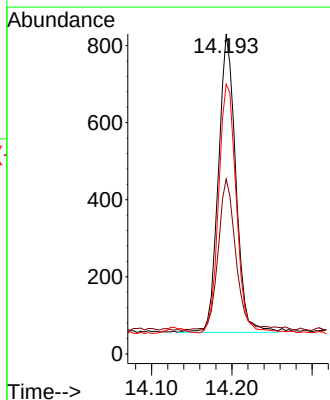
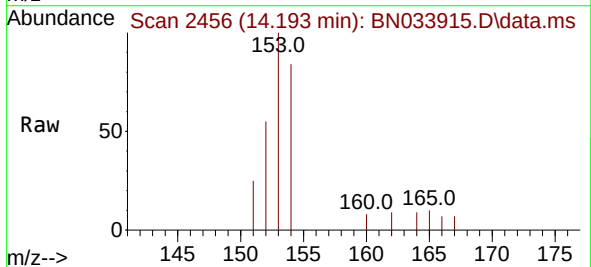
Manual Integrations
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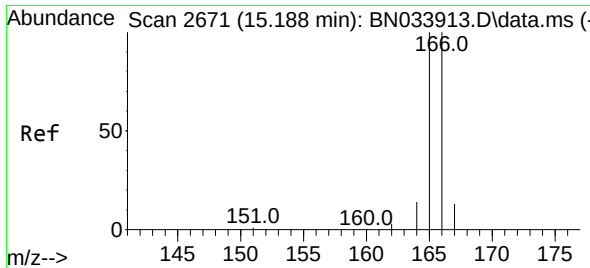
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.193 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

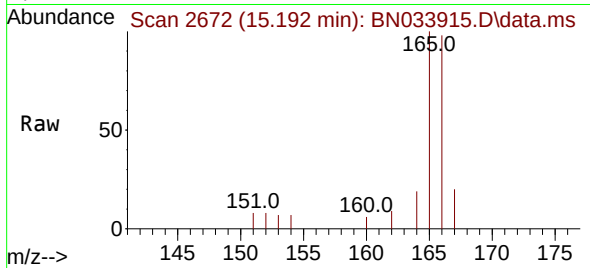
Tgt Ion:153 Resp: 1163
Ion Ratio Lower Upper
153 100
152 54.7 39.8 59.8
154 84.3 69.0 103.6





#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.192 min Scan# 2072
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

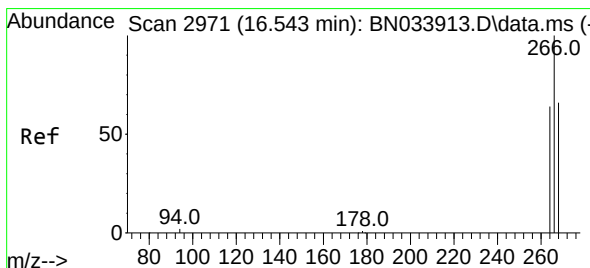
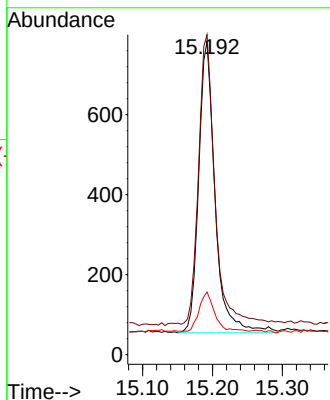
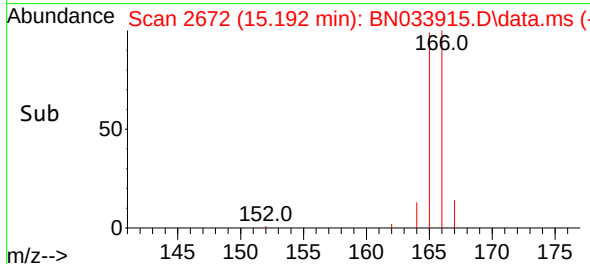
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:166 Resp: 1180
Ion Ratio Lower Upper
166 100
165 102.2 79.1 118.7
167 20.1 11.4 17.0

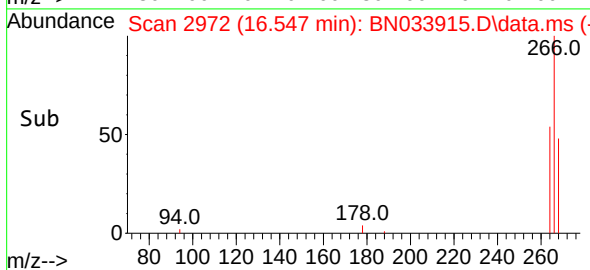
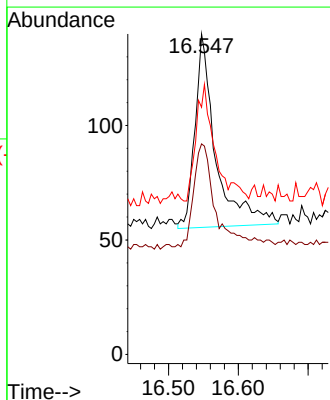
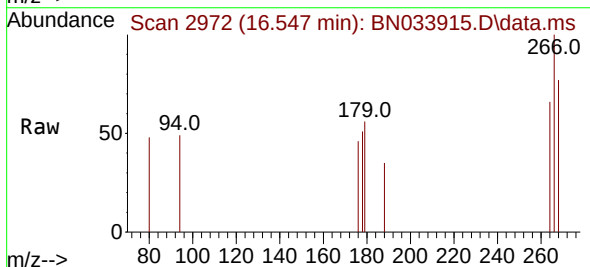
Manual Integrations
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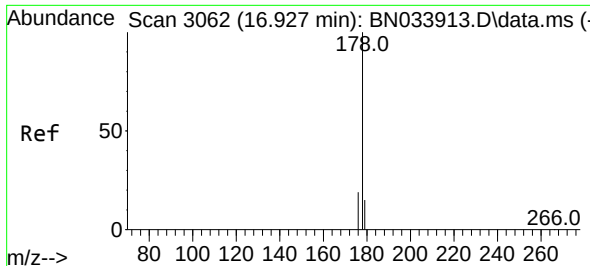
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.547 min Scan# 2972
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

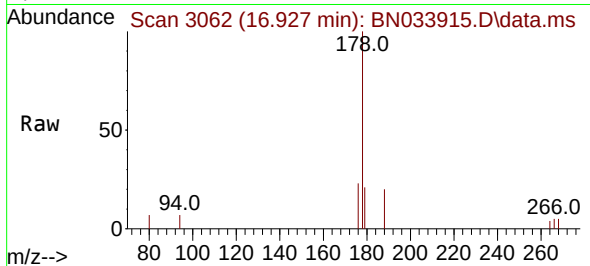
Tgt Ion:266 Resp: 175
Ion Ratio Lower Upper
266 100
264 58.9 50.3 75.5
268 57.7 51.7 77.5





#15
Phenanthrene
Concen: 0.062 ng/u1
RT: 16.927 min Scan# 3062
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

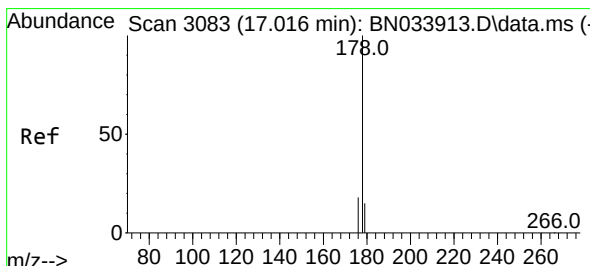
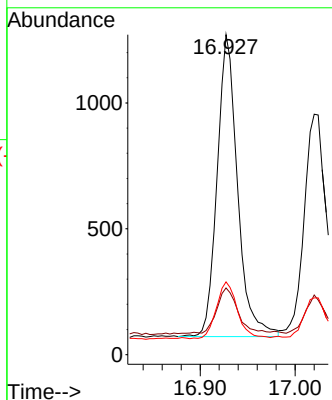
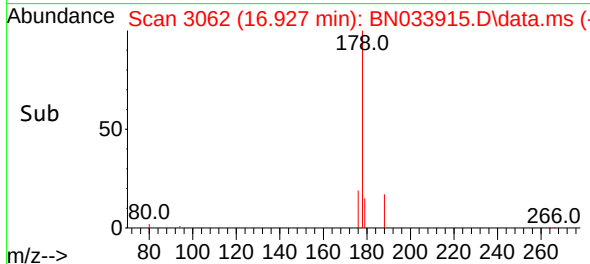
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:178 Resp: 179#
Ion Ratio Lower Upper
178 100
179 20.8 12.9 19.3#
176 22.7 15.7 23.5#

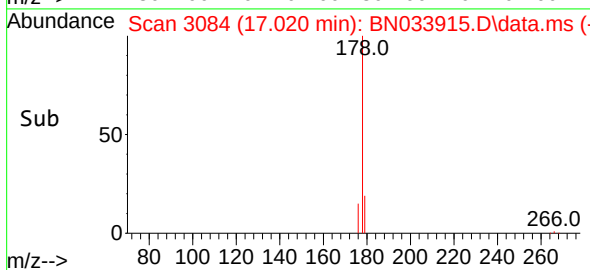
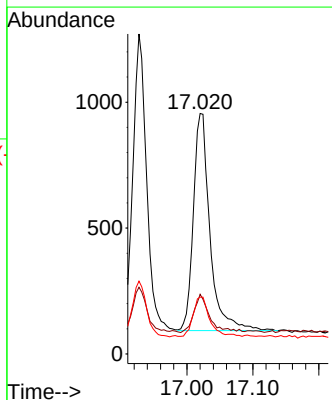
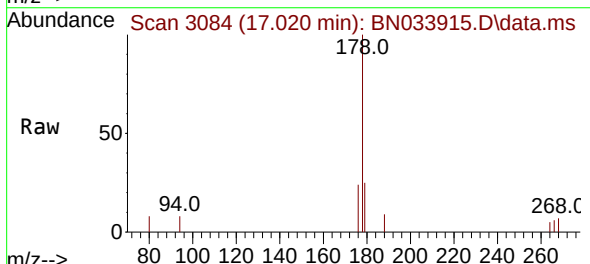
Manual Integrations
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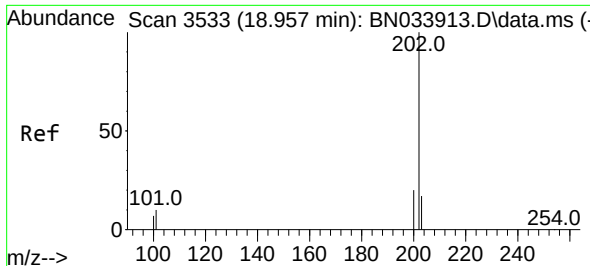
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#16
Anthracene
Concen: 0.058 ng/u1
RT: 17.020 min Scan# 3084
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

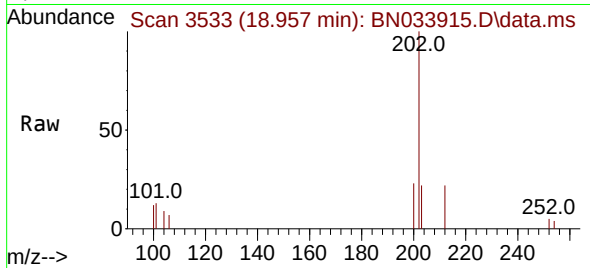
Tgt Ion:178 Resp: 1507
Ion Ratio Lower Upper
178 100
179 24.8 13.0 19.4#
176 23.7 15.2 22.8#





#19
Fluoranthene
Concen: 0.065 ng/u1
RT: 18.957 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

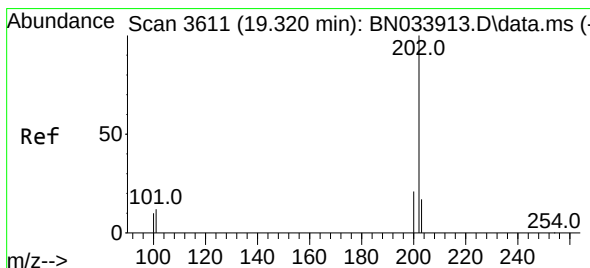
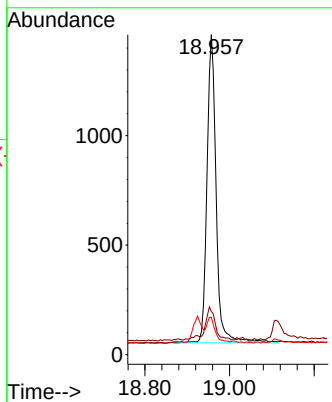
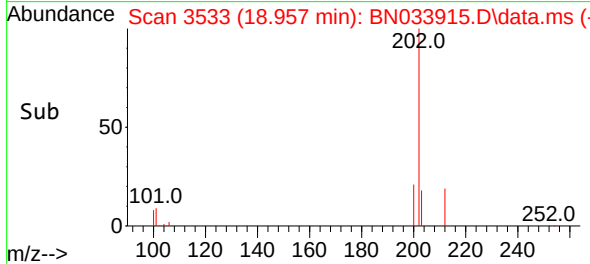
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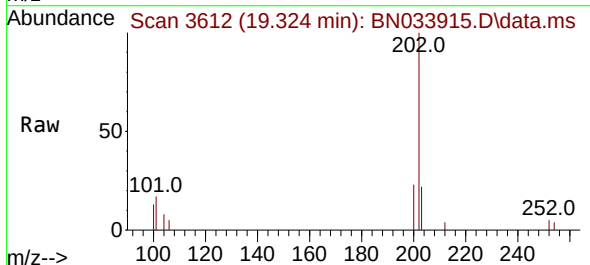
Tgt Ion:202 Resp: 2118
Ion Ratio Lower Upper
202 100
101 13.5 9.0 13.4#
100 11.7 6.7 10.1#

Manual Integrations
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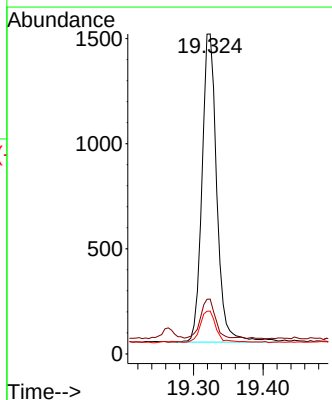
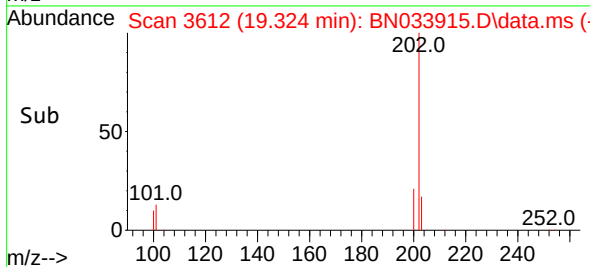
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

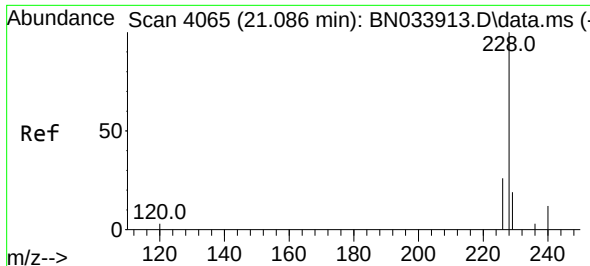


#20
Pyrene
Concen: 0.063 ng/u1
RT: 19.324 min Scan# 3612
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05



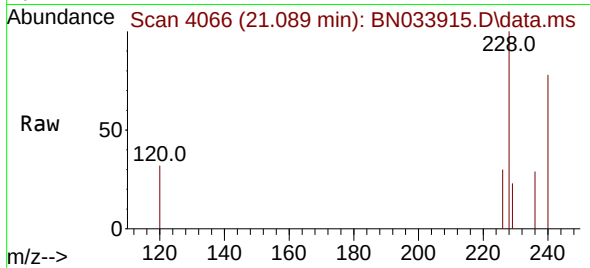
Tgt Ion:202 Resp: 2170
Ion Ratio Lower Upper
202 100
101 17.1 10.8 16.2#
100 13.4 8.7 13.1#





#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.089 min Scan# 4066
Delta R.T. 0.003 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

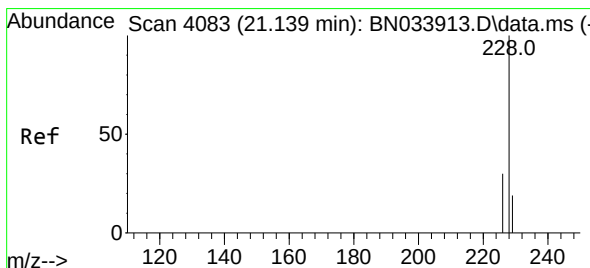
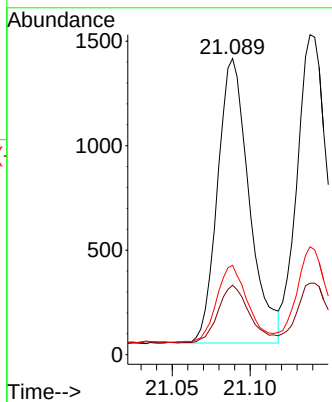
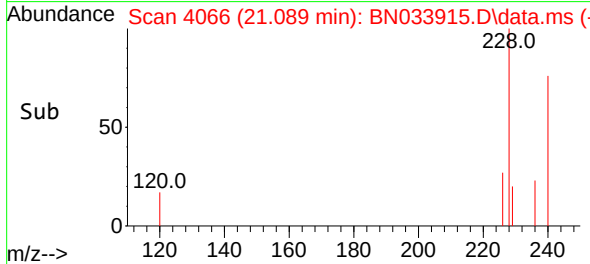
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:228 Resp: 1919
Ion Ratio Lower Upper
228 100
229 23.4 15.4 23.2
226 30.2 22.1 33.1

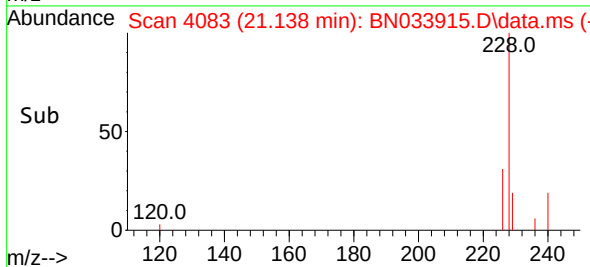
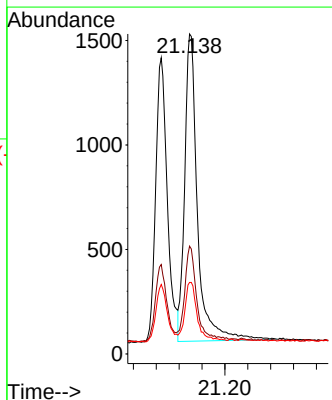
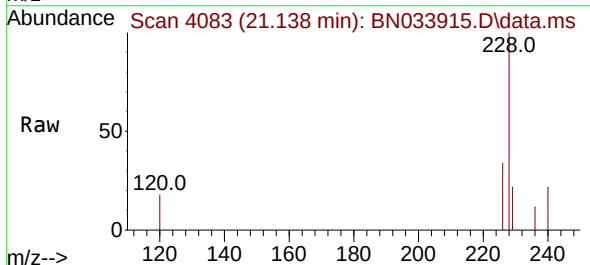
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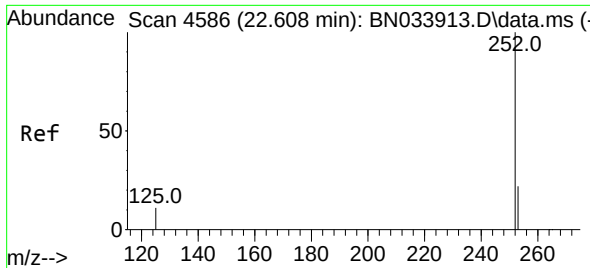
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.138 min Scan# 4083
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

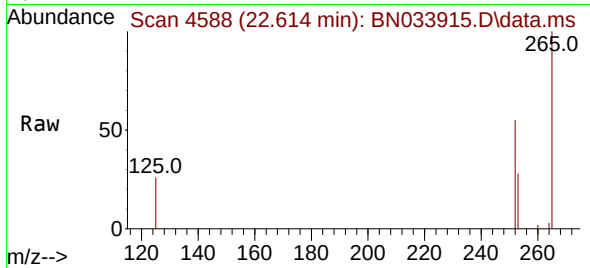
Tgt Ion:228 Resp: 2279
Ion Ratio Lower Upper
228 100
226 33.7 24.2 36.2
229 22.3 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.060 ng/ul
RT: 22.614 min Scan# 4588
Delta R.T. 0.006 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

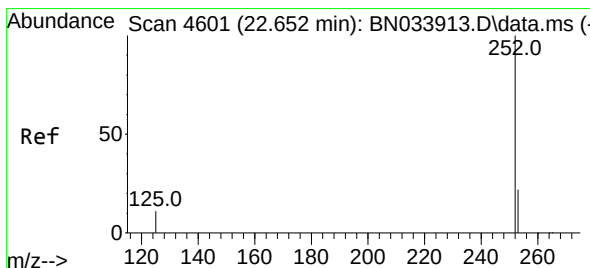
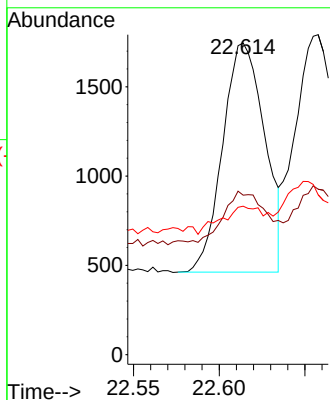
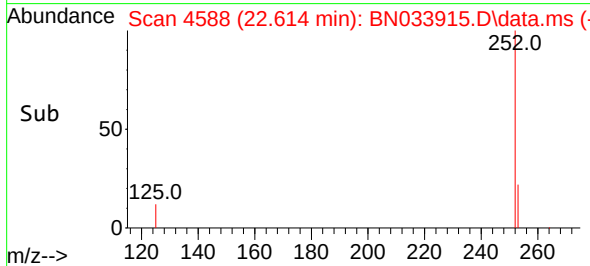
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:252 Resp: 2189
Ion Ratio Lower Upper
252 100
253 51.2 0.0 52.8
125 47.6 0.0 36.4

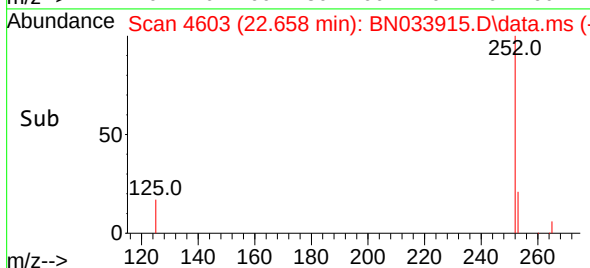
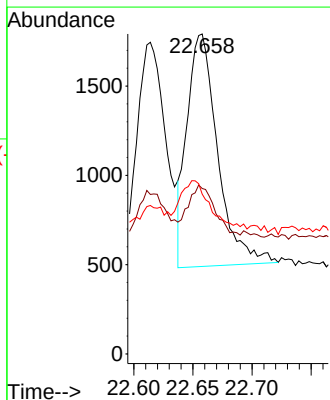
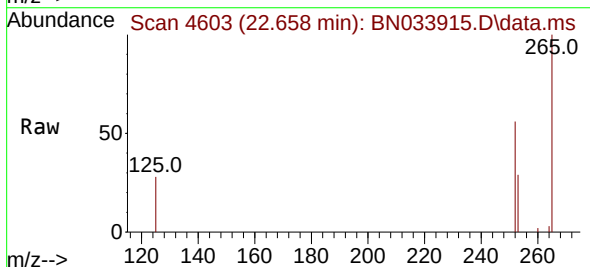
Manual Integrations
APPROVED

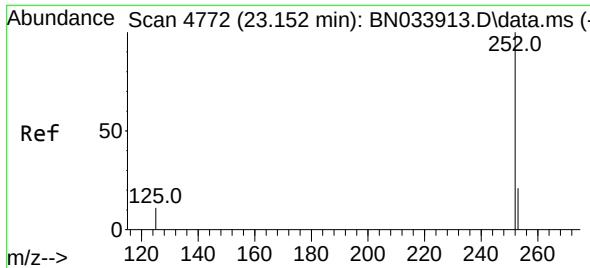
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. 0.006 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

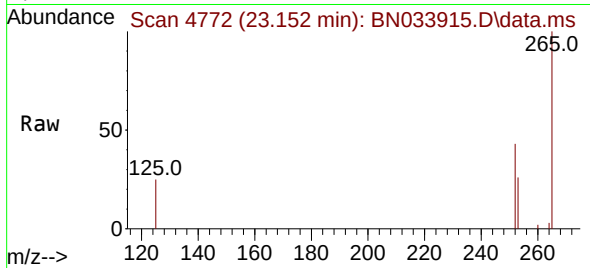
Tgt Ion:252 Resp: 2351
Ion Ratio Lower Upper
252 100
253 51.7 21.4 32.0#
125 49.9 15.1 22.7#





#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.152 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

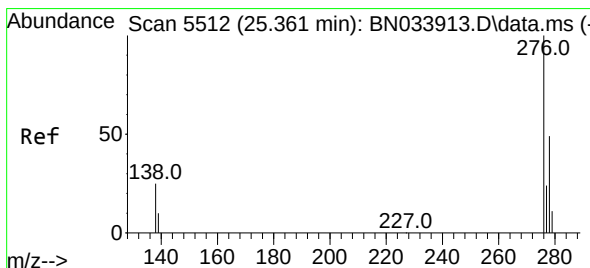
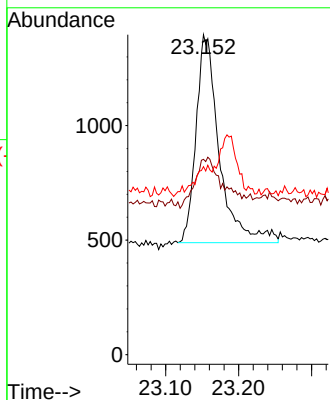
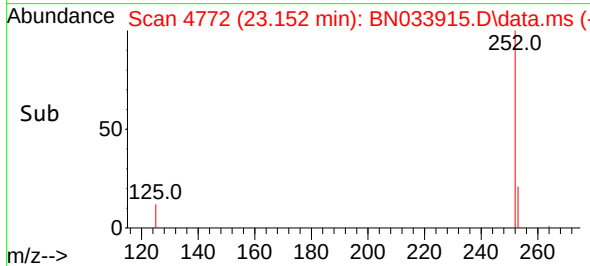
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:252 Resp: 2000
Ion Ratio Lower Upper
252 100
253 61.1 22.8 34.2
125 58.8 18.0 27.0

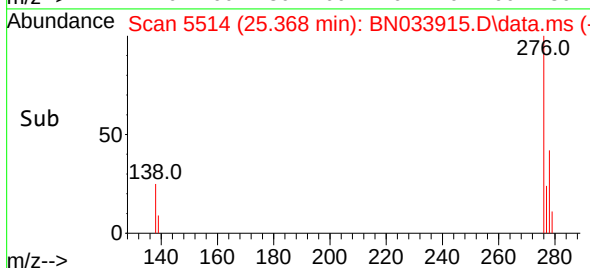
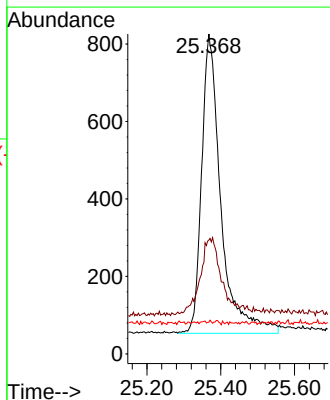
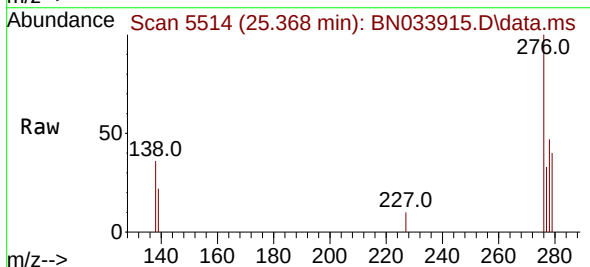
Manual Integrations
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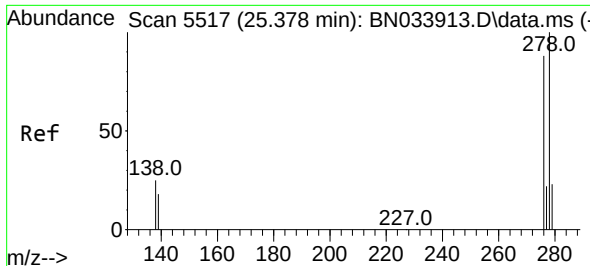
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 25.368 min Scan# 5514
Delta R.T. 0.007 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion:276 Resp: 2793
Ion Ratio Lower Upper
276 100
138 27.4 22.3 33.5
227 0.1 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.062 ng/ul

RT: 25.388 min Scan# 51

Delta R.T. 0.010 min

Lab File: BN033915.D

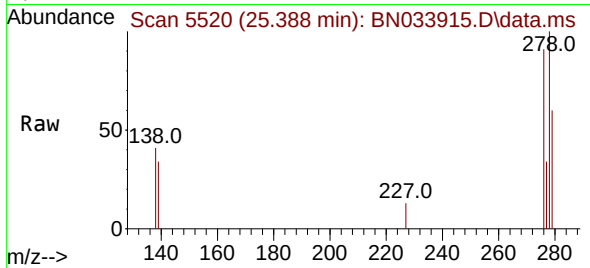
Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2024-05



Tgt Ion:278 Resp: 214

Ion Ratio Lower Upper

278 100

139 33.6 17.3 25.9

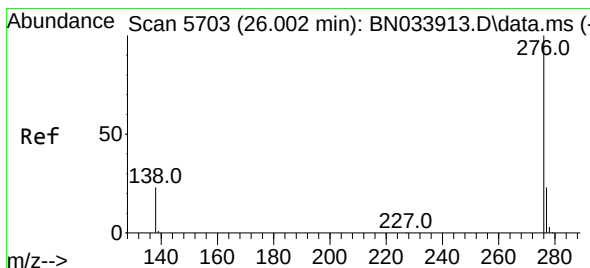
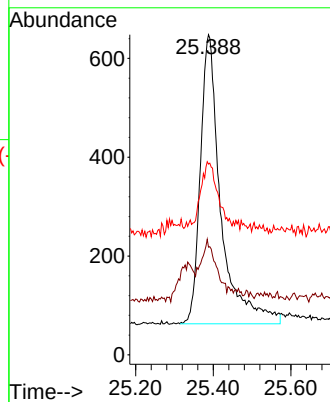
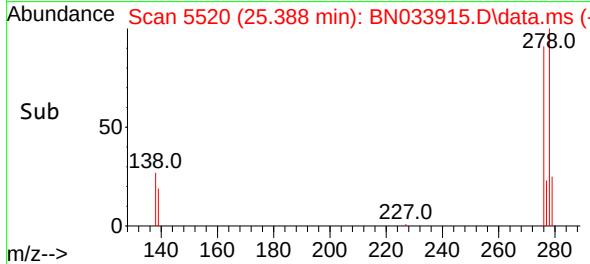
279 59.6 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#29

Benzo(g,h,i)perylene

Concen: 0.068 ng/ul

RT: 26.008 min Scan# 5705

Delta R.T. 0.007 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

Tgt Ion:276 Resp: 2339

Ion Ratio Lower Upper

276 100

138 33.3 20.8 31.2#

277 33.3 20.2 30.4#

