

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047641.D
 Acq On : 26 Sep 2024 12:05
 Operator : RC/JU
 Sample : P3391-01
 Misc : SFAM-SIM-MDL-WATER-01
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 12:42:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	5362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	15176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	7321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	15365	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	12229	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	13798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	3598	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	7879	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	14883	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	806m	0.098	ng/ul	
5) Naphthalene	10.667	128	3023	0.073	ng/ul#	92
7) 2-Methylnaphthalene	12.284	142	1718	0.069	ng/ul	97
8) 1-Methylnaphthalene	12.504	142	1776	0.068	ng/ul	99
10) Acenaphthylene	14.178	152	2499	0.070	ng/ul#	93
11) Acenaphthene	14.521	153	1801	0.074	ng/ul	98
12) Fluorene	15.506	166	1878	0.068	ng/ul#	96
14) Pentachlorophenol	16.846	266	494	0.107	ng/ul	96
15) Phenanthrene	17.234	178	2967	0.065	ng/ul#	93
16) Anthracene	17.327	178	2487	0.061	ng/ul#	89
19) Fluoranthene	19.244	202	3570	0.069	ng/ul	96
20) Pyrene	19.606	202	3604	0.066	ng/ul#	94
21) Benzo(a)anthracene	21.341	228	3227	0.062	ng/ul	96
22) Chrysene	21.391	228	3486	0.065	ng/ul	95
24) Benzo(b)fluoranthene	22.949	252	4149	0.069	ng/ul#	36
25) Benzo(k)fluoranthene	22.996	252	4147	0.069	ng/ul#	56
26) Benzo(a)pyrene	23.534	252	3530	0.075	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	25.960	276	4906	0.065	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.973	278	3717	0.065	ng/ul#	74
29) Benzo(g,h,i)perylene	26.668	276	4098	0.068	ng/ul#	86

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

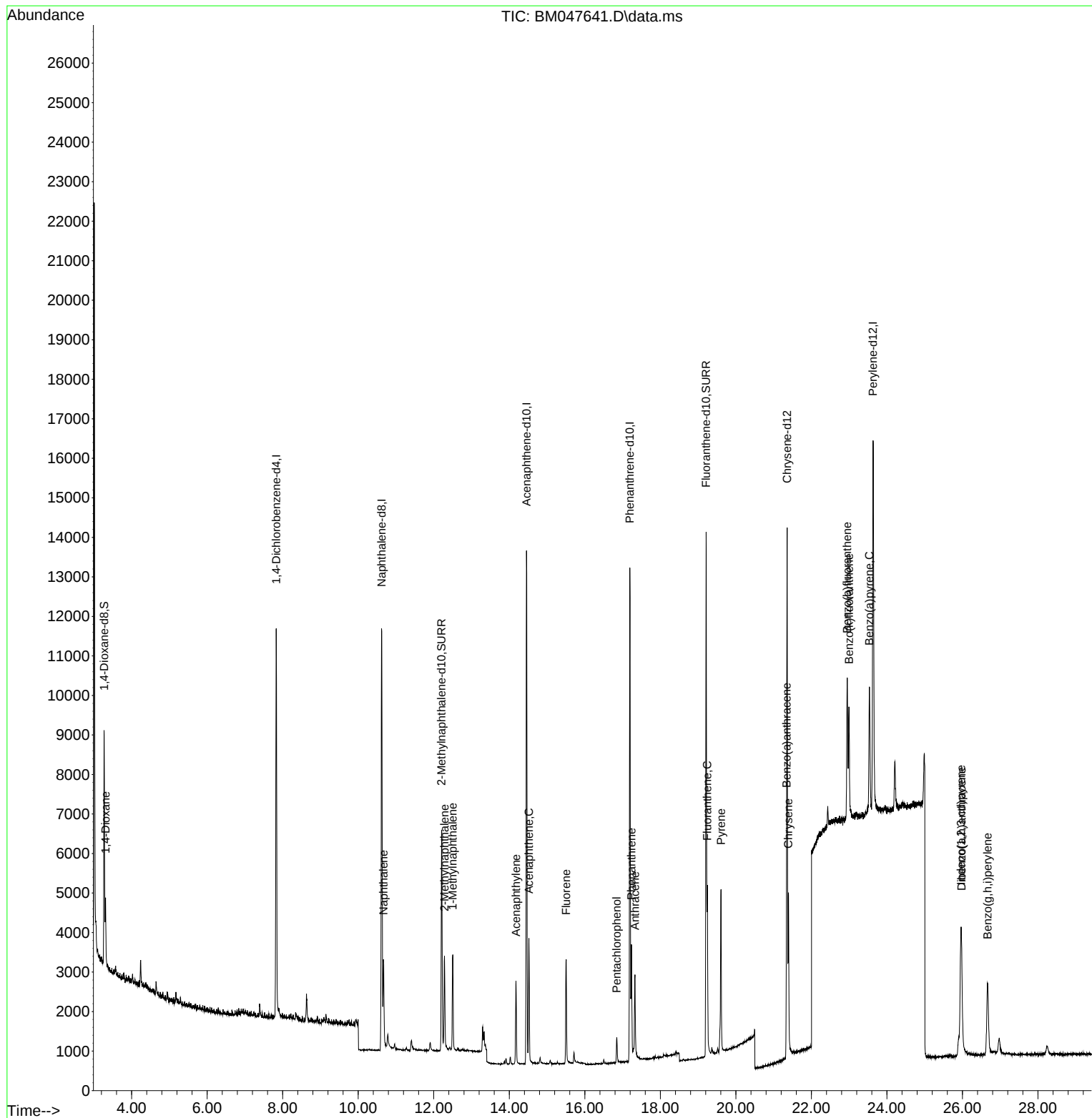
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
Data File : BM047641.D
Acq On : 26 Sep 2024 12:05
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ALS Vial : 5 Sample Multiplier: 1

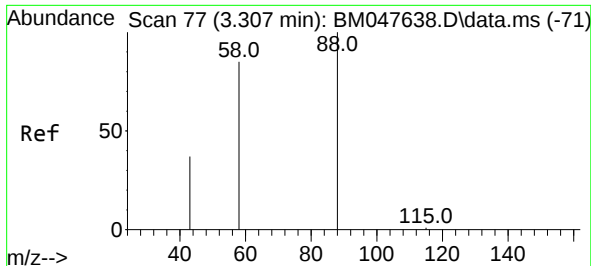
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05

Quant Time: Sep 26 12:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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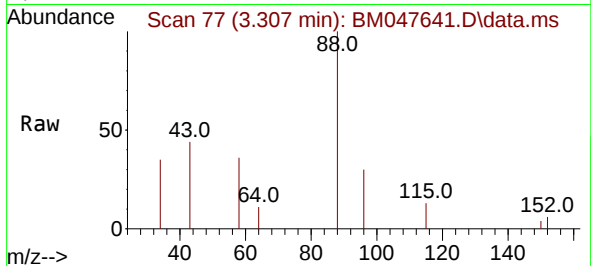
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024





#2
1,4-Dioxane
Concen: 0.098 ng/ul m
RT: 3.307 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

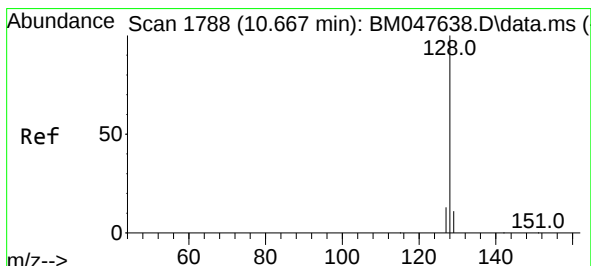
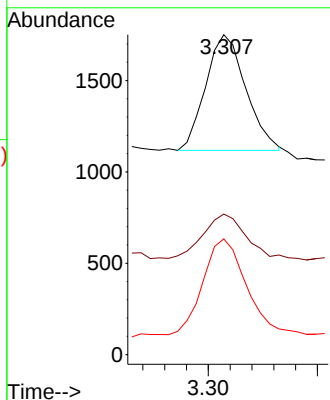
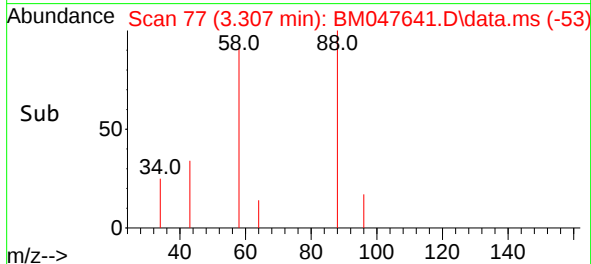
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 88 Resp: 800
Ion Ratio Lower Upper
88 100
43 43.9 30.9 46.3
58 36.2 42.5 63.7

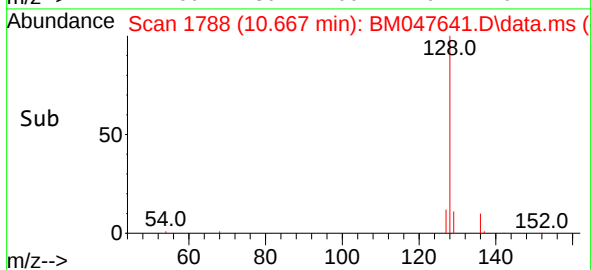
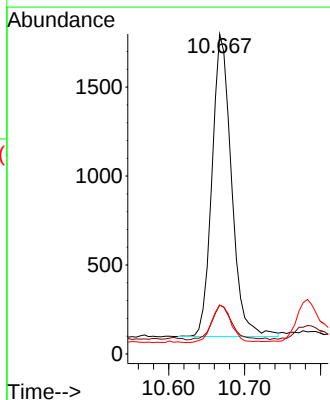
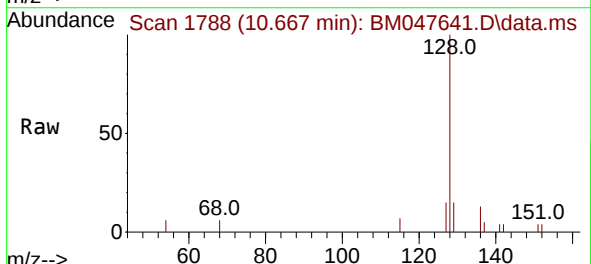
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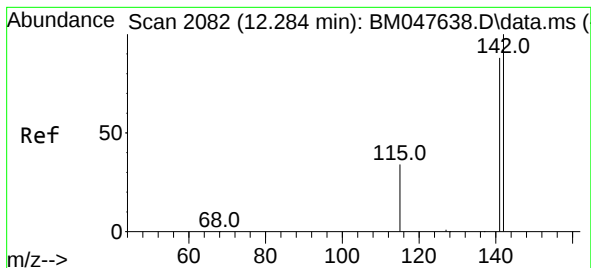
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

Tgt Ion:128 Resp: 3023
Ion Ratio Lower Upper
128 100
129 15.3 9.2 13.8#
127 15.2 10.4 15.6





#7

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.284 min Scan# 2082

Delta R.T. 0.000 min

Lab File: BM047641.D

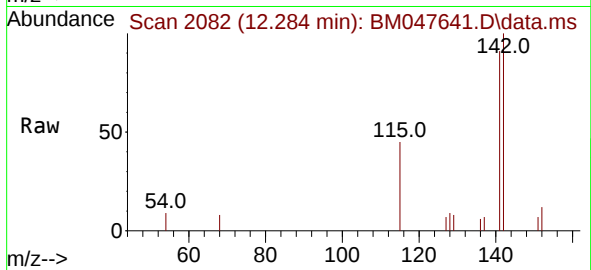
Acq: 26 Sep 2024 12:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2024-05



Tgt Ion:142 Resp: 1718

Ion Ratio Lower Upper

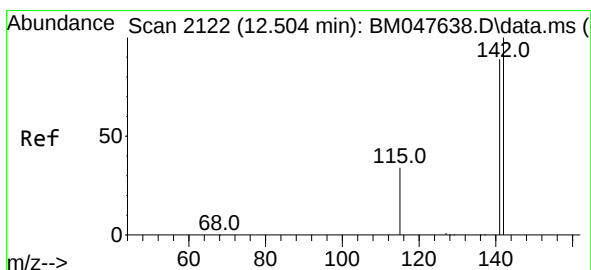
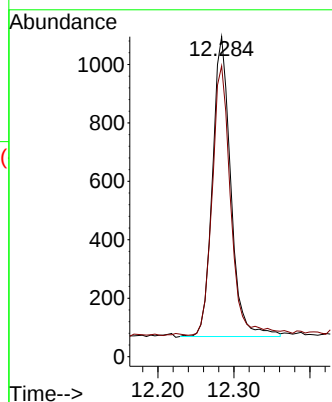
142 100

141 90.5 70.5 105.7

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2024



#8

1-Methylnaphthalene

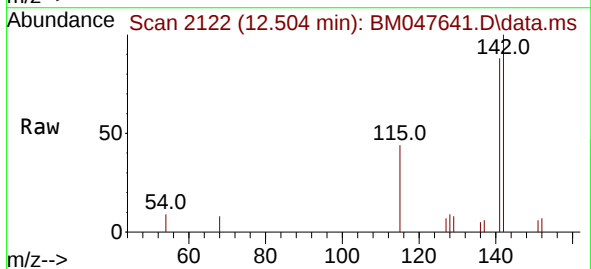
Concen: 0.068 ng/ul

RT: 12.504 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BM047641.D

Acq: 26 Sep 2024 12:05

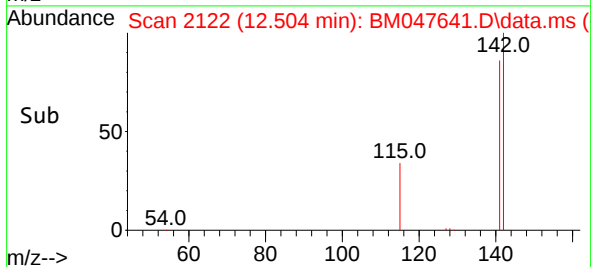
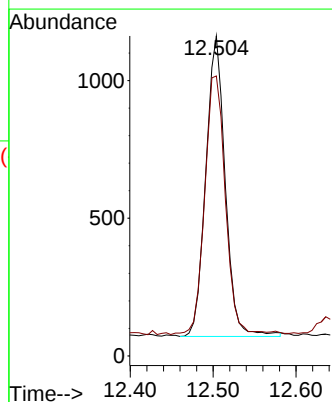


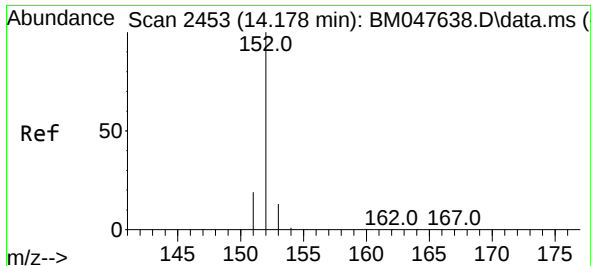
Tgt Ion:142 Resp: 1776

Ion Ratio Lower Upper

142 100

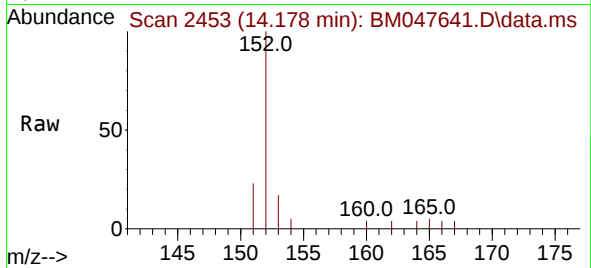
141 91.8 72.9 109.3





#10
Acenaphthylene
Concen: 0.070 ng/u1
RT: 14.178 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

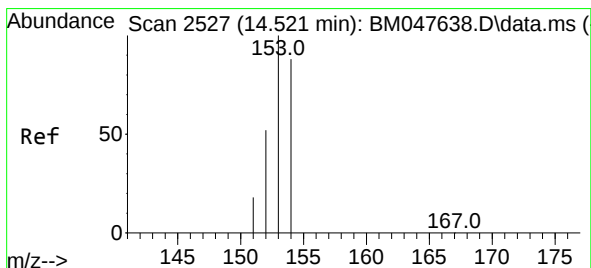
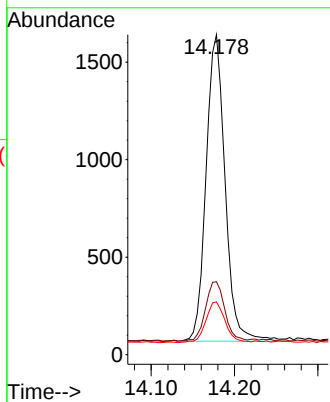
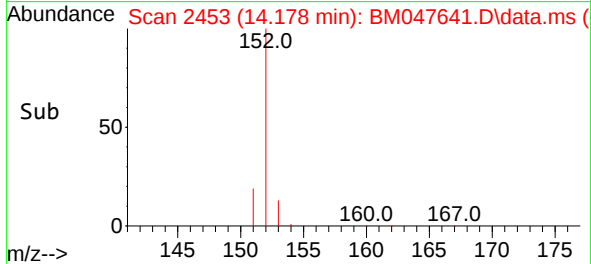
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:152 Resp: 2499
Ion Ratio Lower Upper
152 100
151 22.8 16.1 24.1
153 16.5 10.7 16.1

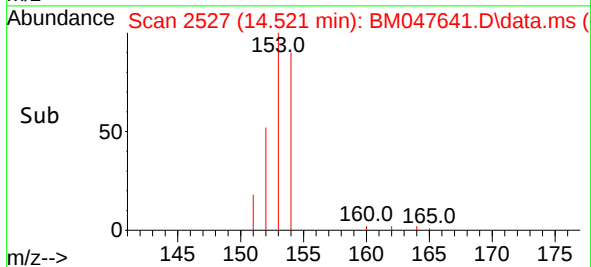
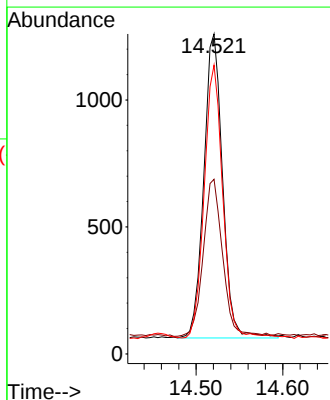
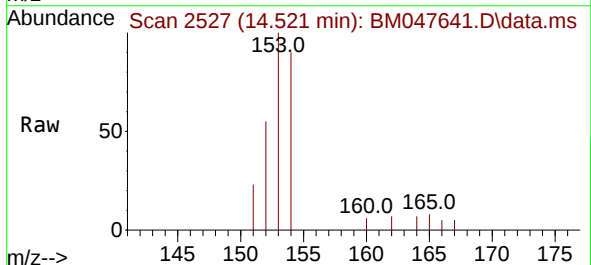
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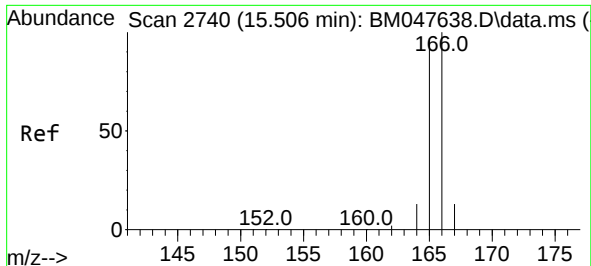
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#11
Acenaphthene
Concen: 0.074 ng/u1
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

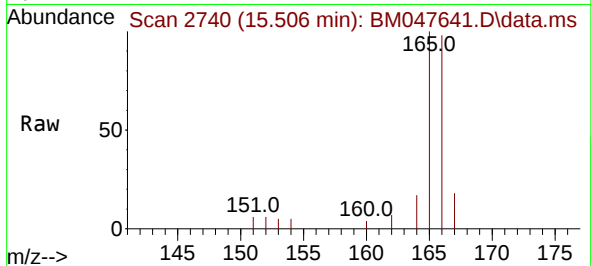
Tgt Ion:153 Resp: 1801
Ion Ratio Lower Upper
153 100
152 54.6 41.7 62.5
154 90.2 71.2 106.8





#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.506 min Scan# 2740
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

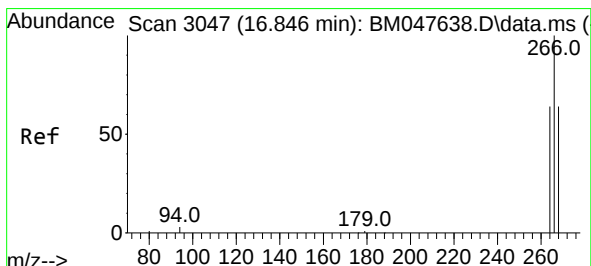
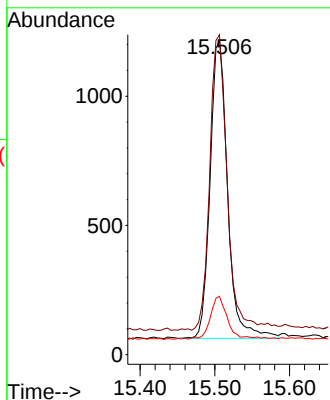
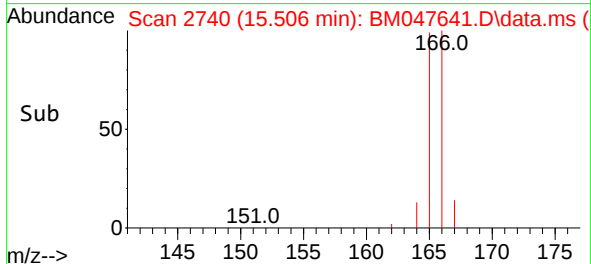
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:166 Resp: 1878
Ion Ratio Lower Upper
166 100
165 101.9 79.4 119.2
167 18.6 11.4 17.0

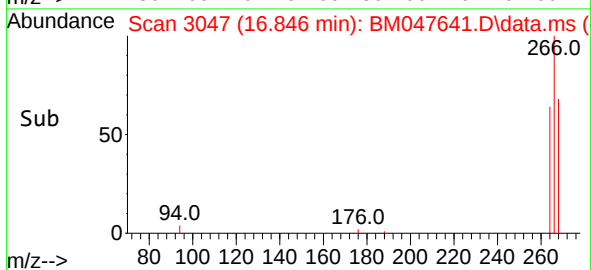
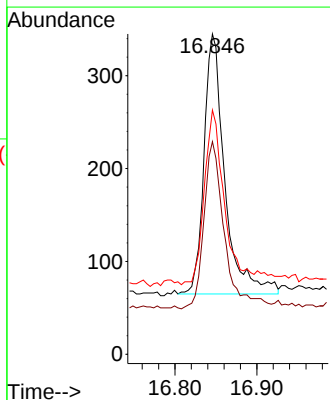
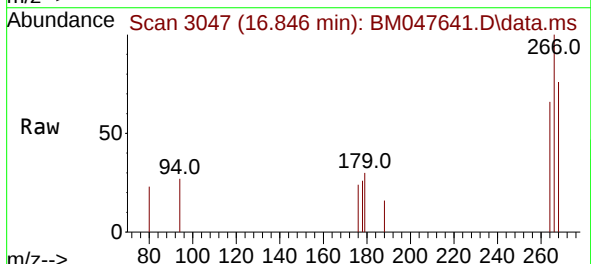
Manual Integrations
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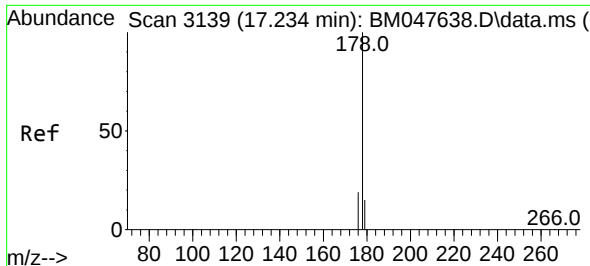
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#14
Pentachlorophenol
Concen: 0.107 ng/ul
RT: 16.846 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

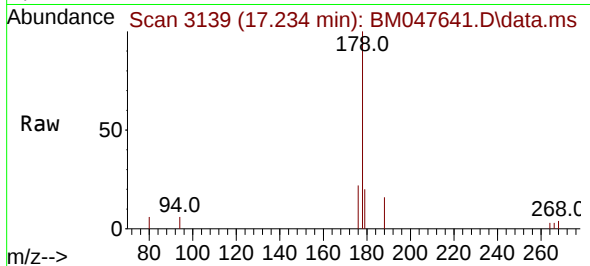
Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 63.8 49.8 74.8
268 68.4 51.2 76.8





#15
Phenanthrene
Concen: 0.065 ng/u1
RT: 17.234 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

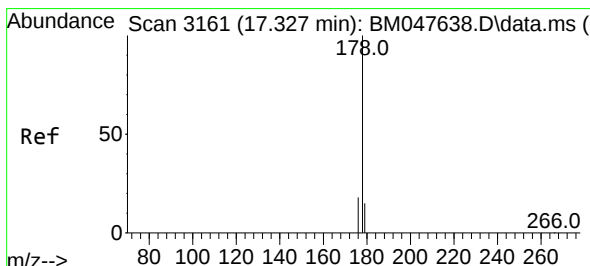
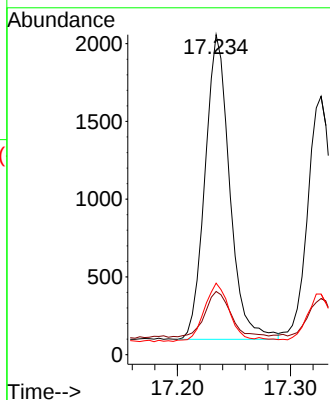
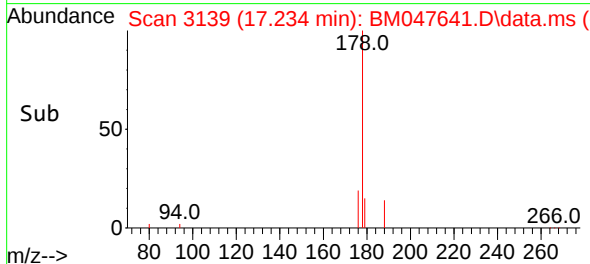
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:178 Resp: 2965
Ion Ratio Lower Upper
178 100
179 19.7 13.0 19.6#
176 22.4 15.9 23.9#

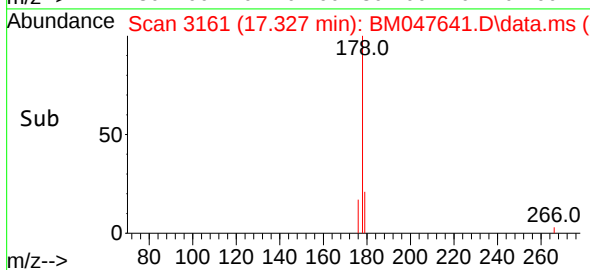
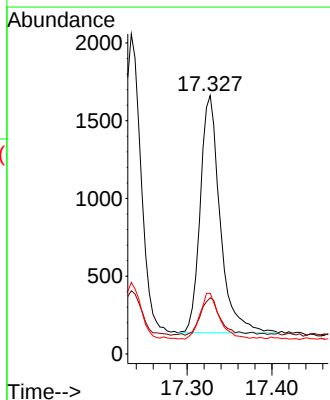
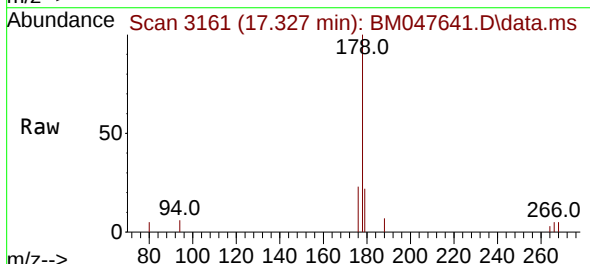
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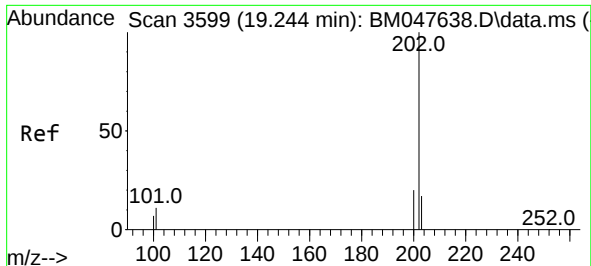
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#16
Anthracene
Concen: 0.061 ng/u1
RT: 17.327 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

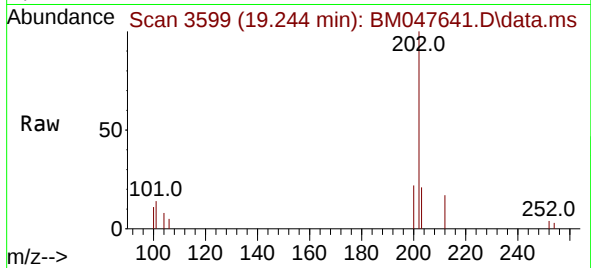
Tgt Ion:178 Resp: 2487
Ion Ratio Lower Upper
178 100
179 21.7 13.0 19.4#
176 23.5 15.4 23.2#





#19
Fluoranthene
Concen: 0.069 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

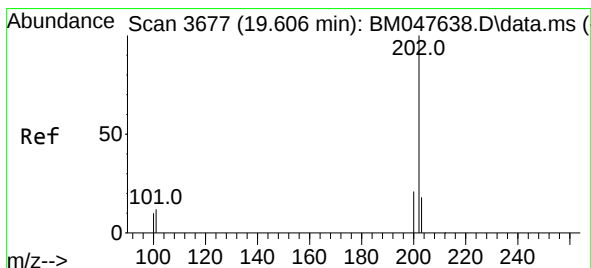
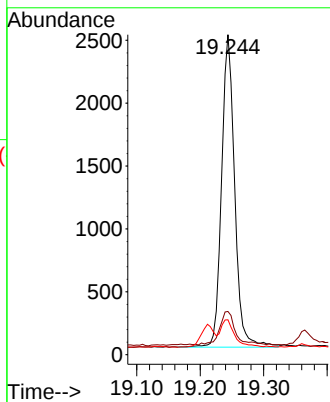
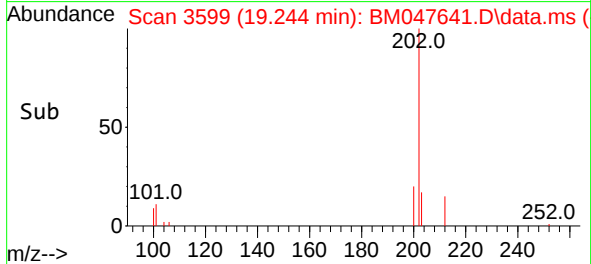
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:202 Resp: 3570
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 10.9 7.4 11.2

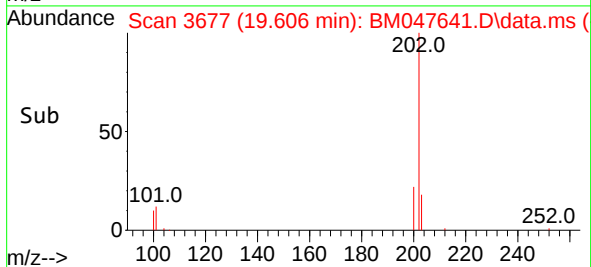
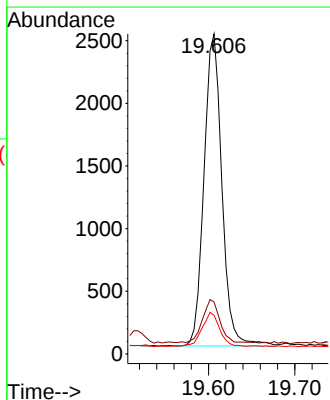
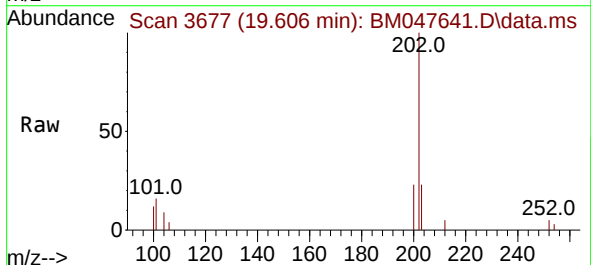
Manual Integrations
APPROVED

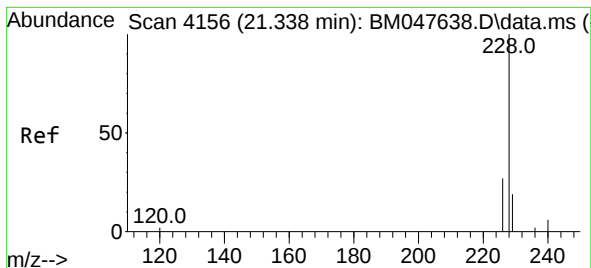
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#20
Pyrene
Concen: 0.066 ng/u1
RT: 19.606 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

Tgt Ion:202 Resp: 3604
Ion Ratio Lower Upper
202 100
101 16.2 10.7 16.1#
100 12.1 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.062 ng/ul

RT: 21.341 min Scan# 4156

Delta R.T. 0.000 min

Lab File: BM047641.D

Acq: 26 Sep 2024 12:05

Instrument :

BNA_M

ClientSampleId :

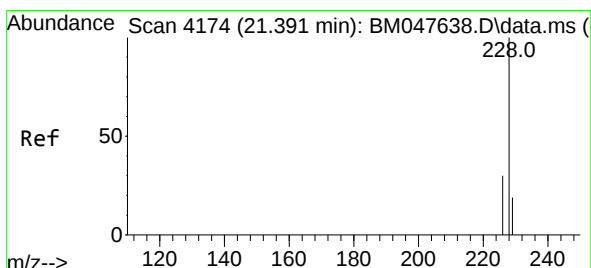
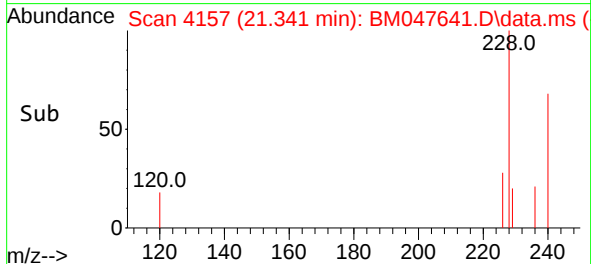
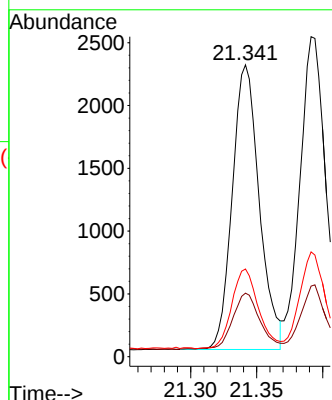
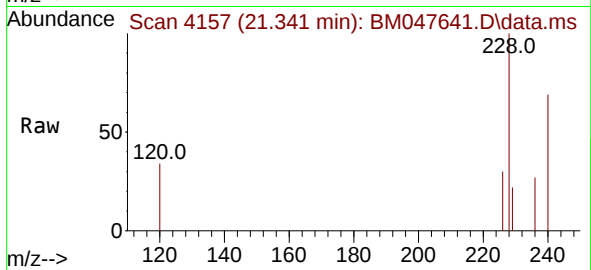
MDL-WATER-QT3-2024-05

Tgt Ion:	228	Resp:	322
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.9	23.9
226	30.1	22.1	33.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#22

Chrysene

Concen: 0.065 ng/ul

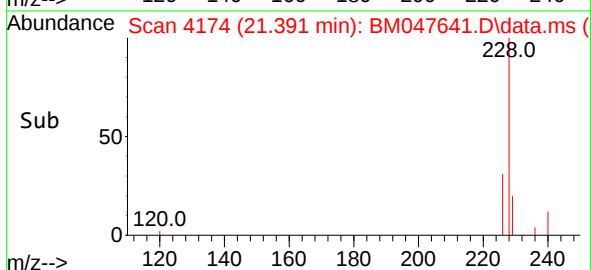
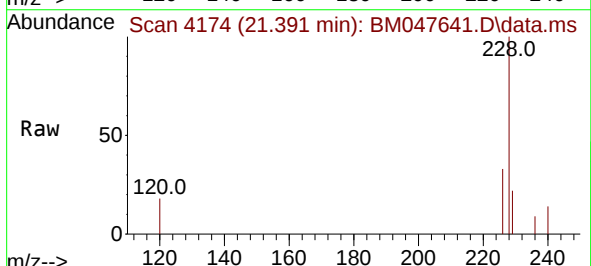
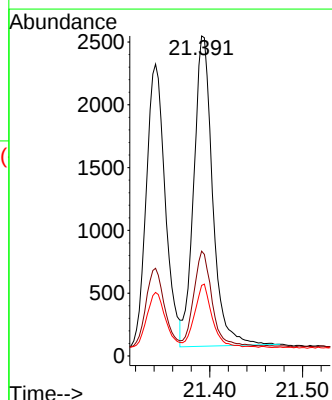
RT: 21.391 min Scan# 4174

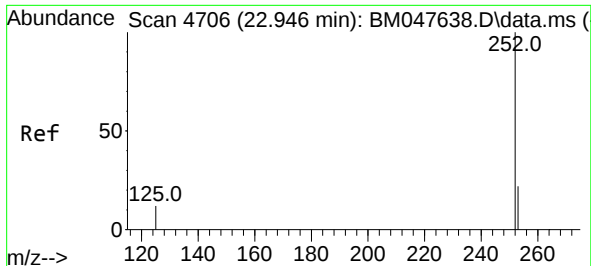
Delta R.T. -0.003 min

Lab File: BM047641.D

Acq: 26 Sep 2024 12:05

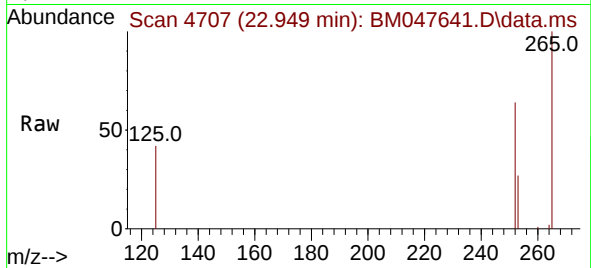
Tgt Ion:	228	Resp:	3486
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.4	36.6
229	22.1	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 0.069 ng/ul
RT: 22.949 min Scan# 4706
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

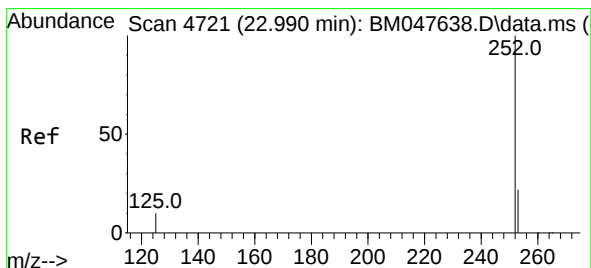
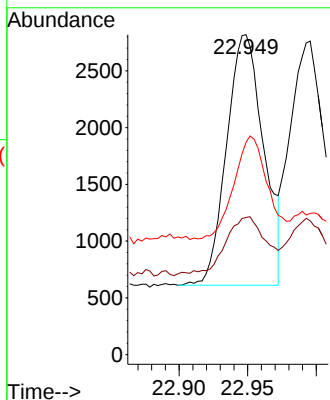
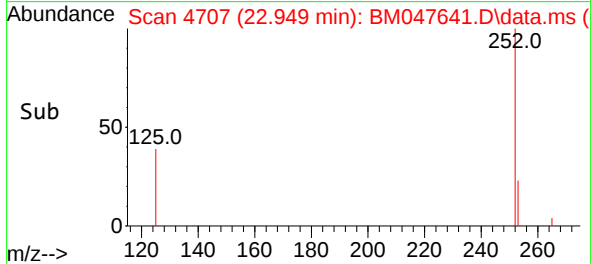
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:252 Resp: 4149
Ion Ratio Lower Upper
252 100
253 42.9 0.0 52.4
125 66.3 0.0 36.4

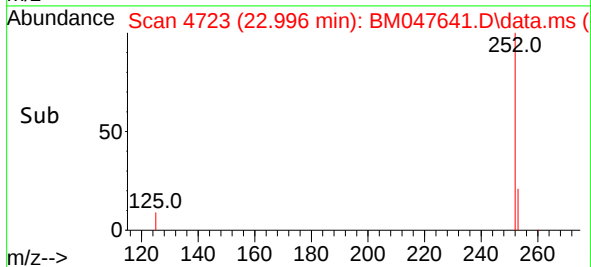
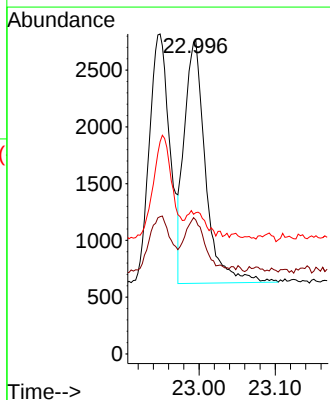
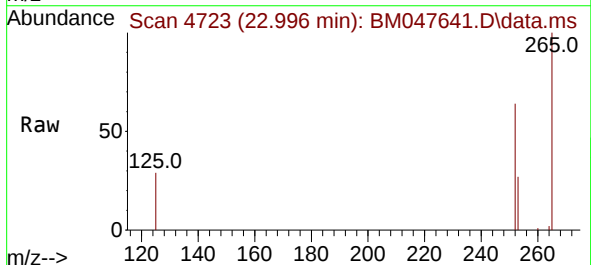
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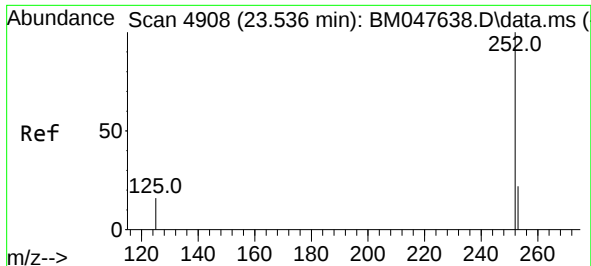
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.069 ng/ul
RT: 22.996 min Scan# 4723
Delta R.T. 0.003 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

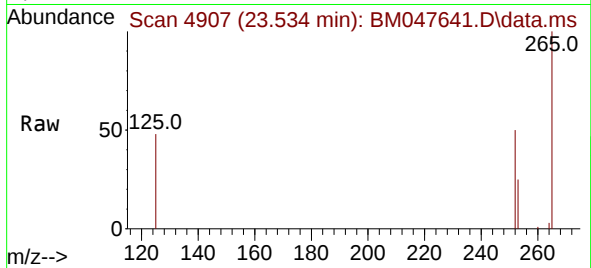
Tgt Ion:252 Resp: 4147
Ion Ratio Lower Upper
252 100
253 42.7 21.0 31.6#
125 45.1 14.6 21.8#





#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.534 min Scan# 4908
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

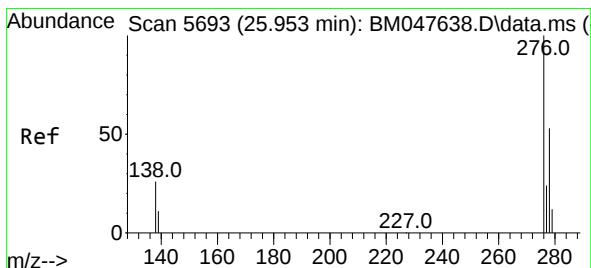
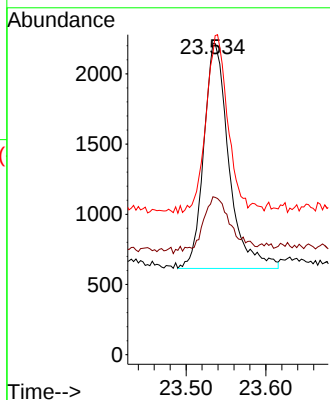
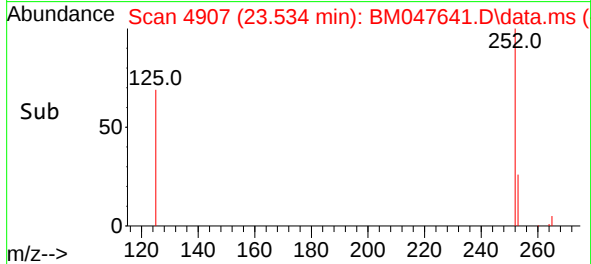
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:252 Resp: 3530
Ion Ratio Lower Upper
252 100
253 50.7 23.0 34.4#
125 96.8 18.8 28.2#

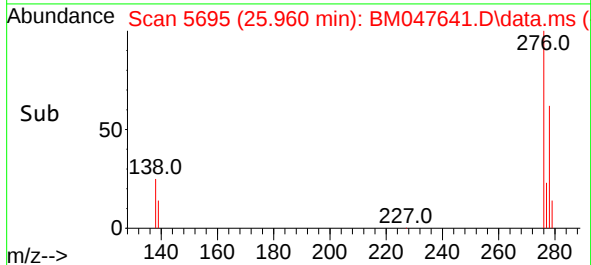
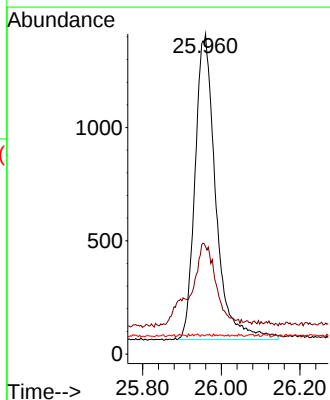
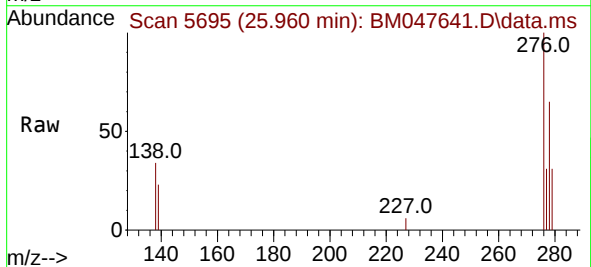
Manual Integrations
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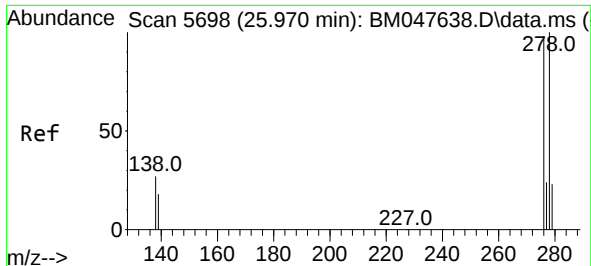
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng/ul
RT: 25.960 min Scan# 5695
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

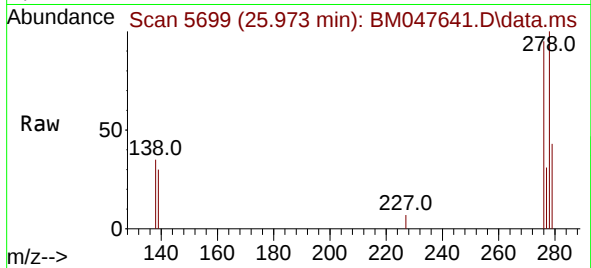
Tgt Ion:276 Resp: 4906
Ion Ratio Lower Upper
276 100
138 0.0 22.0 33.0#
227 0.1 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.973 min Scan# 5098
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05

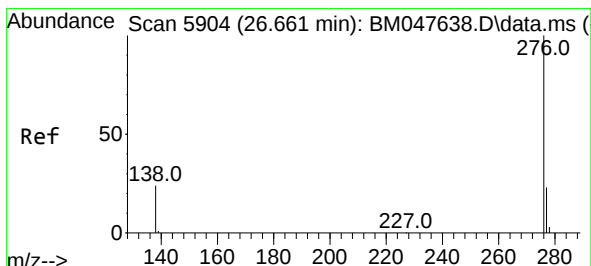
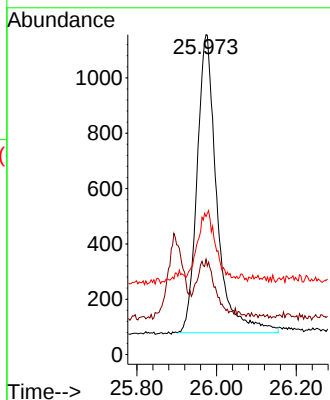
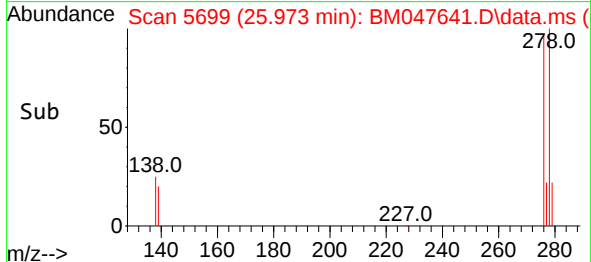
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-05



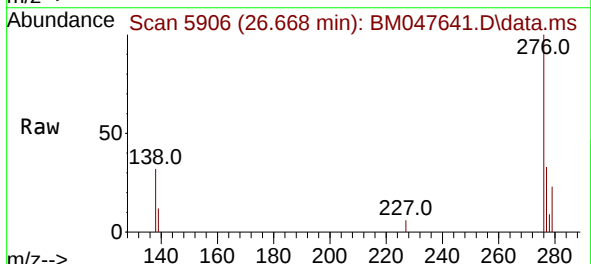
Tgt Ion:278 Resp: 371
Ion Ratio Lower Upper
278 100
139 29.8 16.8 25.2#
279 43.2 21.2 31.8#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 26.668 min Scan# 5906
Delta R.T. 0.000 min
Lab File: BM047641.D
Acq: 26 Sep 2024 12:05



Tgt Ion:276 Resp: 4098
Ion Ratio Lower Upper
276 100
138 31.9 20.2 30.2#
277 32.5 19.8 29.6#

