

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010323\
 Data File : BM038357.D
 Acq On : 03 Jan 2023 12:41
 Operator : CG/JU
 Sample : N5388-02
 Misc : SFAM-SIM-MDL-W-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Jan 03 13:12:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2023
 Supervised By :mohammad ahmed 01/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	1365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	4101	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.638	164	2162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	4408	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	4404	0.400	ng/ul	0.00
23) Perylene-d12	23.979	264	5601	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	1239	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	2041	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	4879	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	177m	0.085	ng/ul	
5) Naphthalene	10.872	128	672	0.061	ng/ul#	71
7) 2-Methylnaphthalene	12.478	142	388	0.058	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	397	0.058	ng/ul	96
10) Acenaphthylene	14.365	152	667	0.066	ng/ul#	81
11) Acenaphthene	14.698	153	484	0.065	ng/ul	94
12) Fluorene	15.688	166	521	0.062	ng/ul#	90
14) Pentachlorophenol	17.054	266	96	0.061	ng/ul	97
15) Phenanthrene	17.426	178	821	0.063	ng/ul#	82
16) Anthracene	17.518	178	712	0.059	ng/ul#	77
19) Fluoranthene	19.431	202	1039	0.068	ng/ul#	80
20) Pyrene	19.794	202	1100	0.068	ng/ul#	81
21) Benzo(a)anthracene	21.536	228	945	0.064	ng/ul#	88
22) Chrysene	21.588	228	1011	0.065	ng/ul#	91
24) Benzo(b)fluoranthene	23.237	252	1102	0.054	ng/ul#	45
25) Benzo(k)fluoranthene	23.284	252	1161	0.057	ng/ul#	46
26) Benzo(a)pyrene	23.874	252	1045	0.054	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	26.525	276	1703	0.061	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.538	278	1367	0.062	ng/ul#	34
29) Benzo(g,h,i)perylene	27.310	276	1575	0.063	ng/ul#	80

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

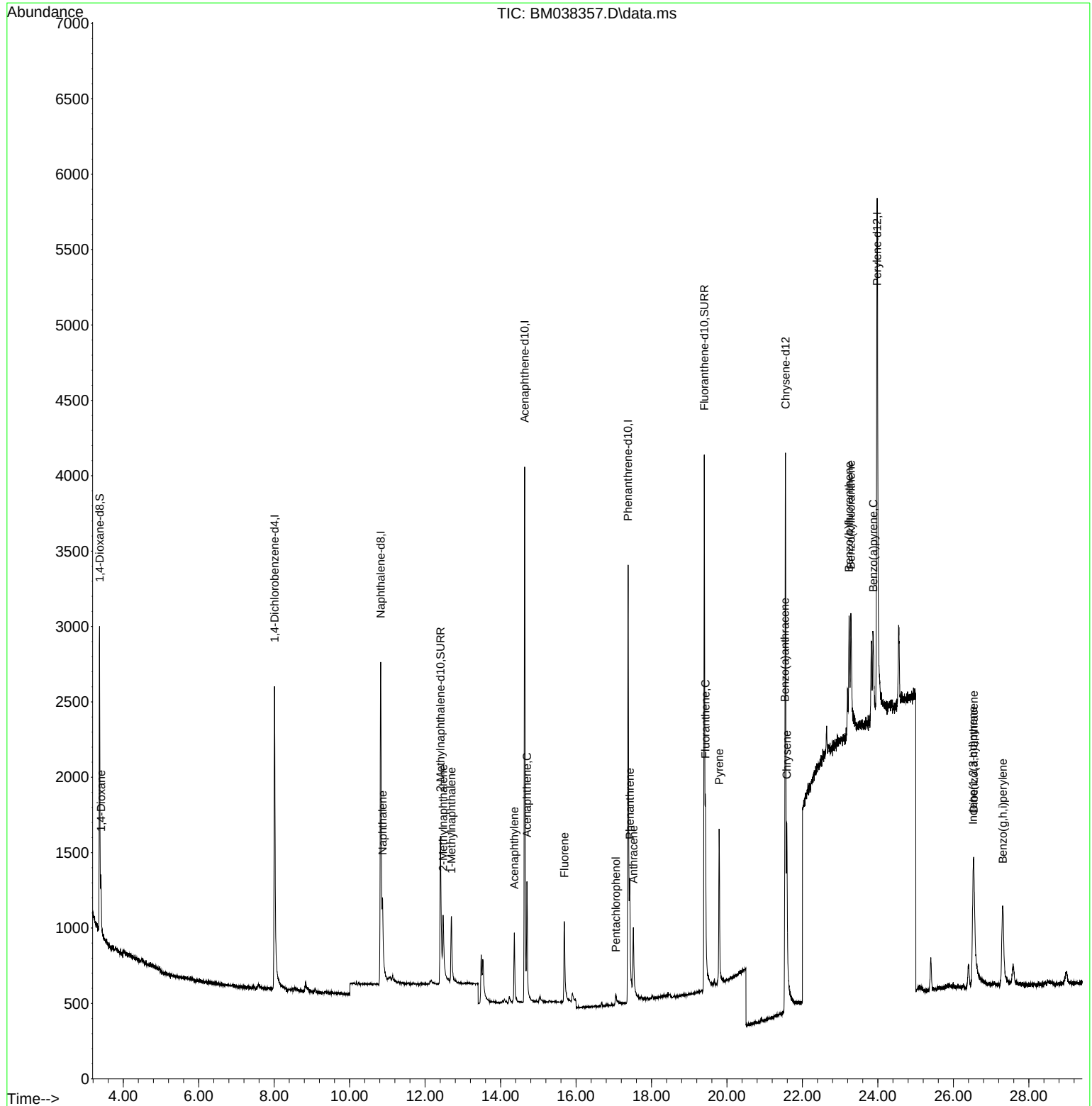
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010323\
Data File : BM038357.D
Acq On : 03 Jan 2023 12:41
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ALS Vial : 4 Sample Multiplier: 1

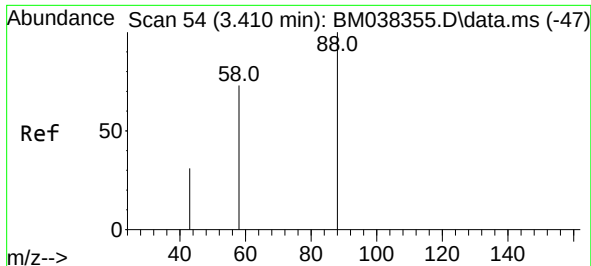
Instrument :
BNA_M
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MDL-WATER-QT4-2022-08

Quant Time: Jan 03 13:12:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 01:43:54 2022
Response via : Initial Calibration

Manual Integrations
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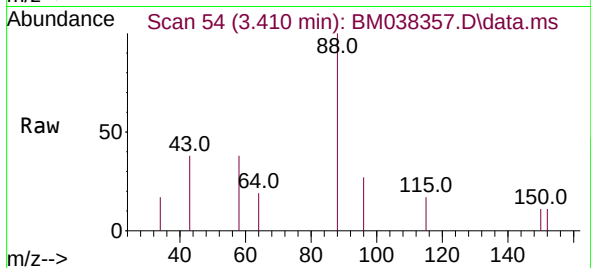
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023





#2
1,4-Dioxane
Concen: 0.085 ng/ul m
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

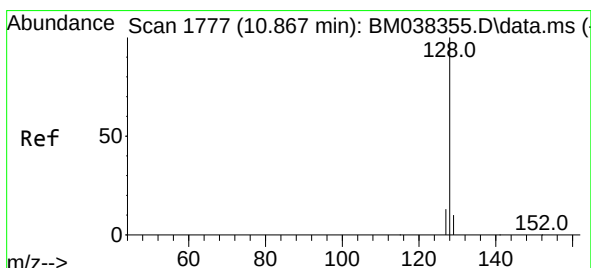
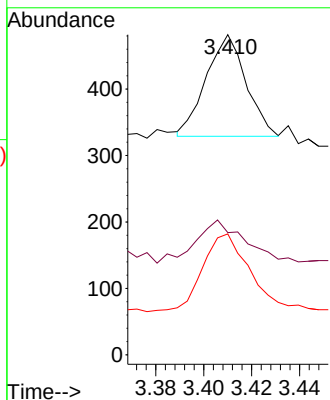
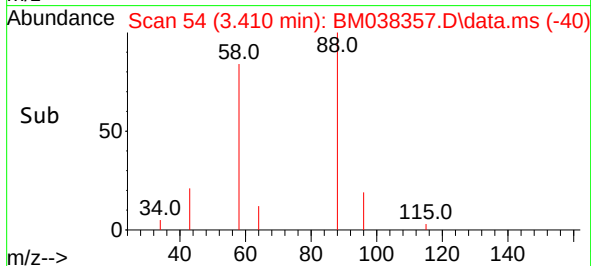
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
43 38.2 32.6 49.0
58 37.8 46.6 69.8

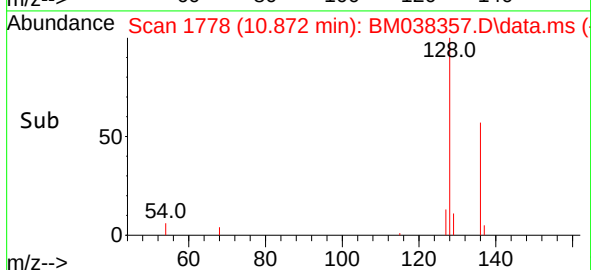
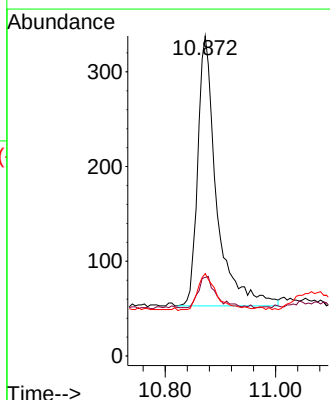
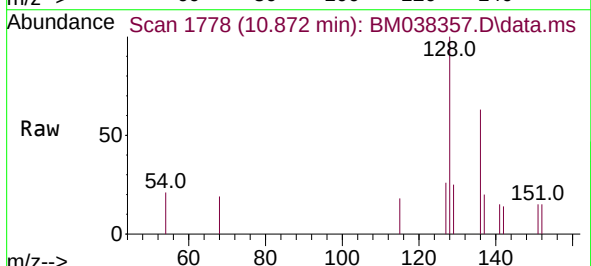
Manual Integrations
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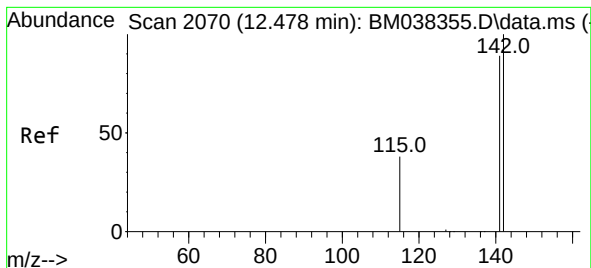
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023



#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.872 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

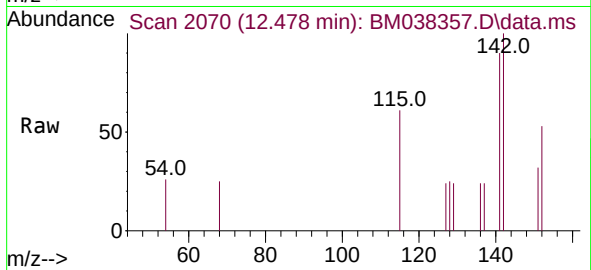
Tgt Ion:128 Resp: 672
Ion Ratio Lower Upper
128 100
129 24.6 10.2 15.2#
127 25.7 11.4 17.2#





#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

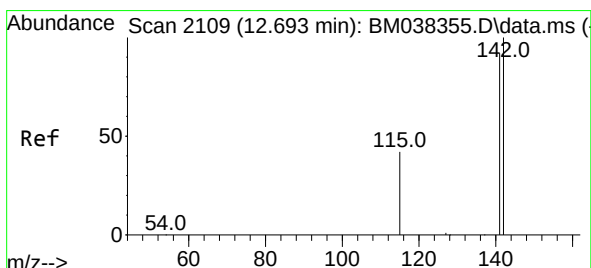
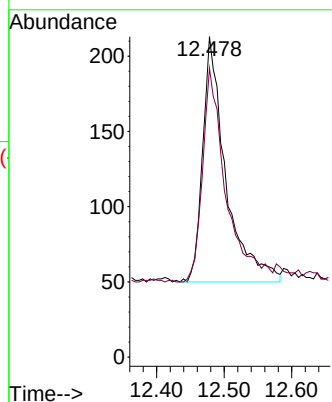
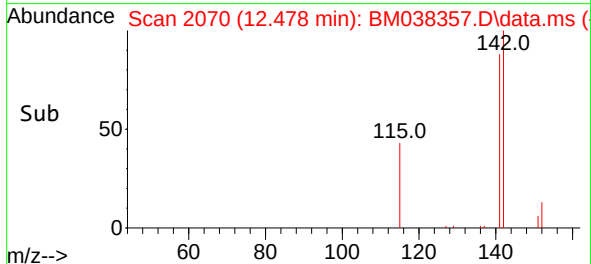
Instrument :
BNA_M
ClientSampleId :
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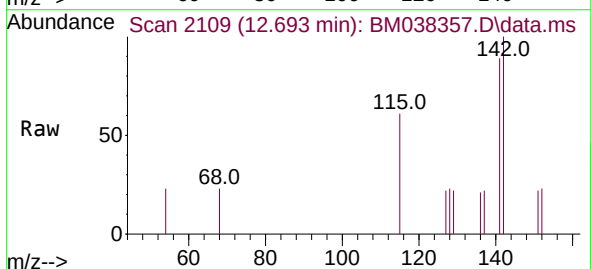
Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

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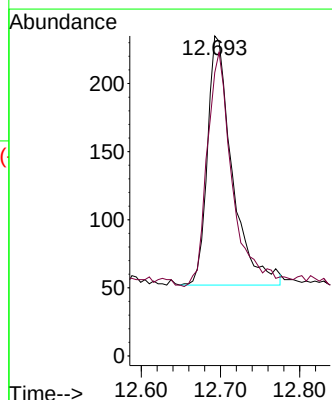
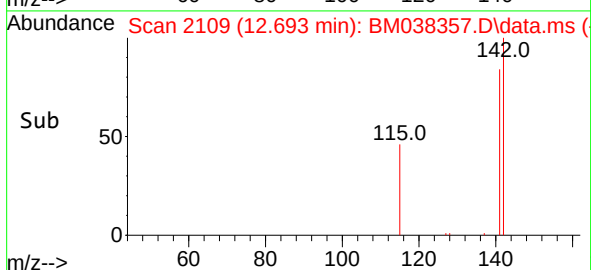
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

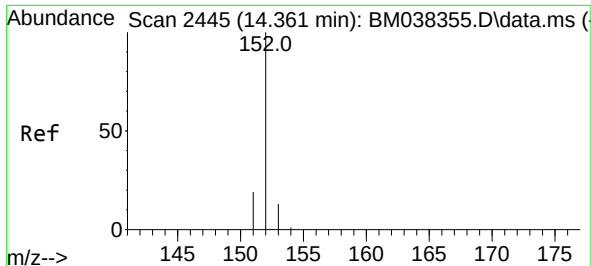


#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



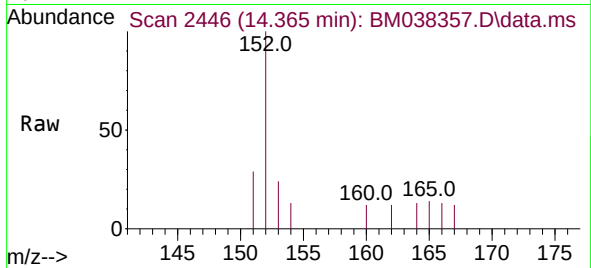
Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
141 95.2 73.2 109.8





#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.365 min Scan# 2445
Delta R.T. 0.004 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

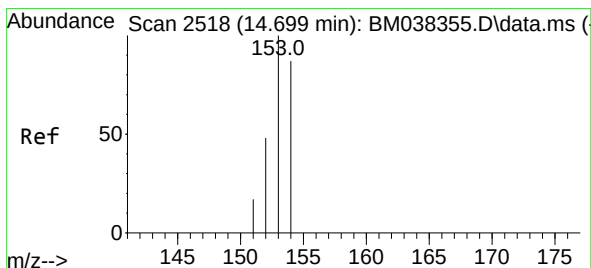
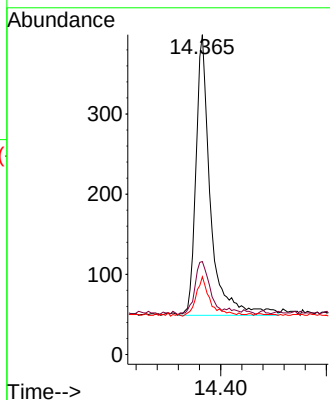
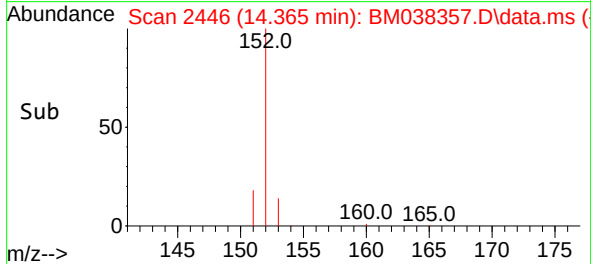
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion:152 Resp: 662
Ion Ratio Lower Upper
152 100
151 29.1 17.0 25.4
153 24.3 12.0 18.0

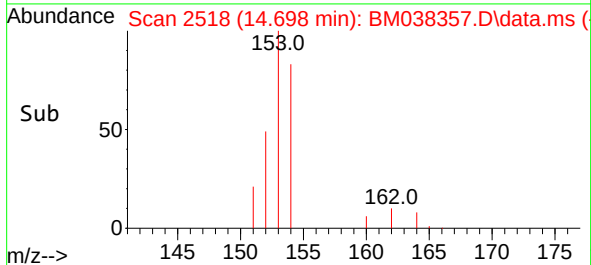
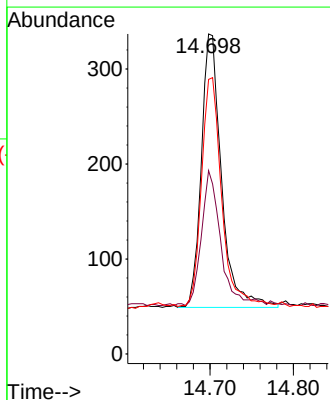
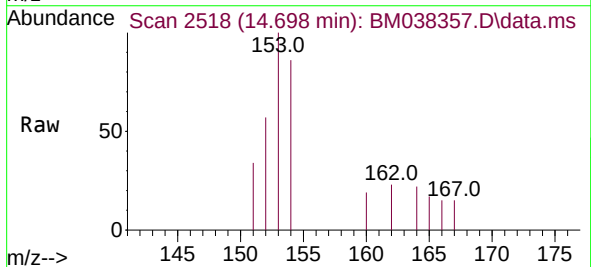
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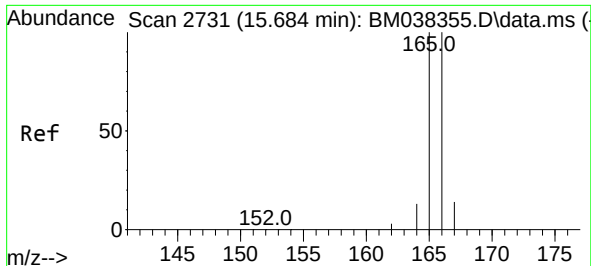
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023



#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

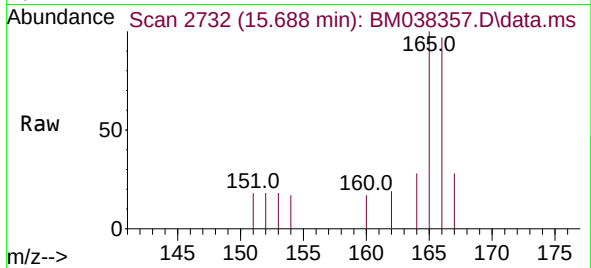
Tgt Ion:153 Resp: 484
Ion Ratio Lower Upper
153 100
152 57.3 38.8 58.2
154 85.8 67.3 100.9





#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

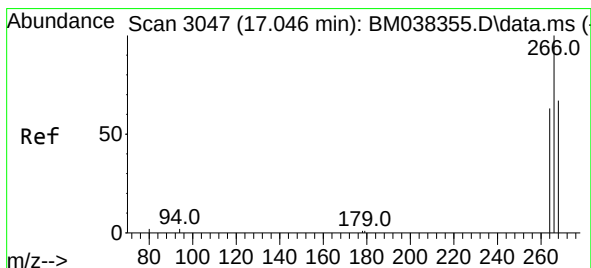
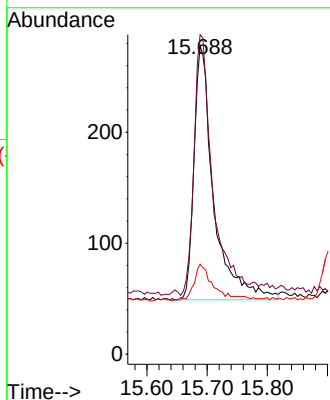
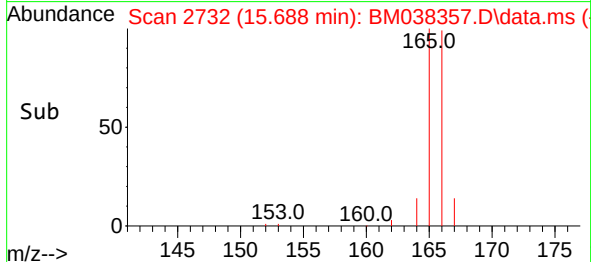
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



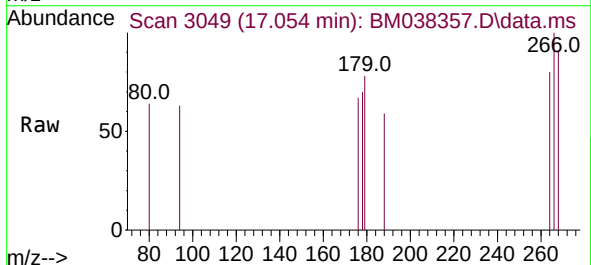
Tgt Ion:166 Resp: 521
Ion Ratio Lower Upper
166 100
165 103.6 78.2 117.2
167 29.1 12.5 18.7

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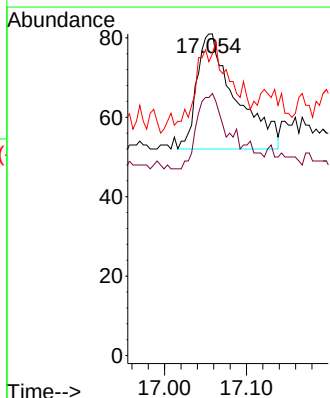
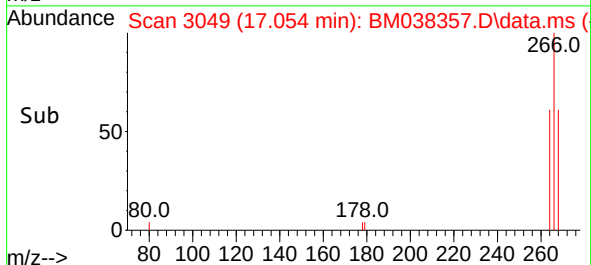
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

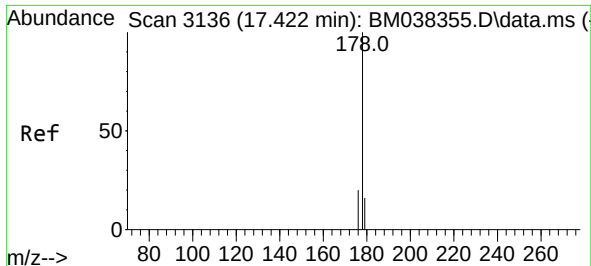


#14
Pentachlorophenol
Concen: 0.061 ng/ul
RT: 17.054 min Scan# 3049
Delta R.T. 0.012 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



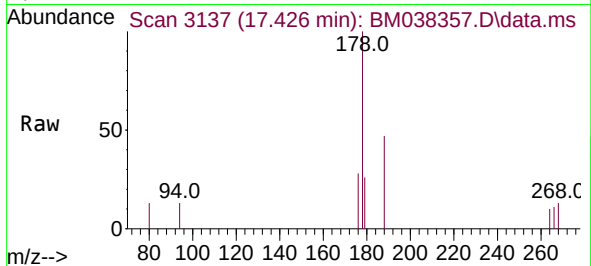
Tgt Ion:266 Resp: 96
Ion Ratio Lower Upper
266 100
264 58.3 50.0 75.0
268 60.4 48.2 72.2





#15
Phenanthrene
Concen: 0.063 ng/u1
RT: 17.426 min Scan# 3136
Delta R.T. 0.004 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

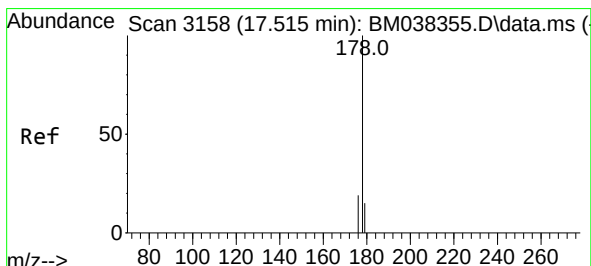
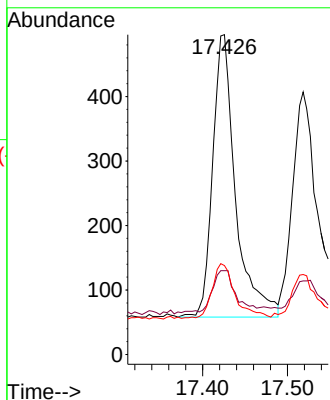
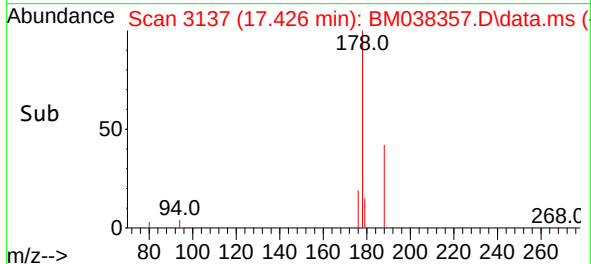
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion:178 Resp: 821
Ion Ratio Lower Upper
178 100
179 26.2 13.5 20.3#
176 27.8 16.6 25.0#

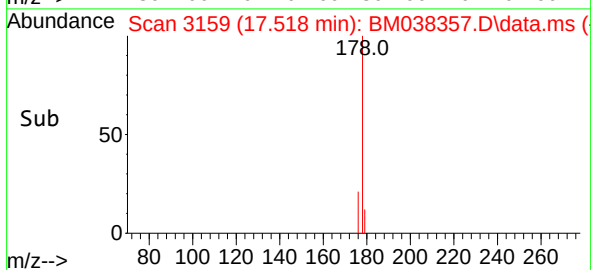
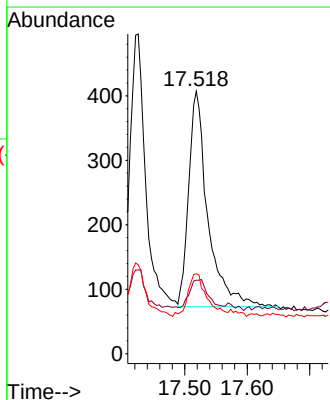
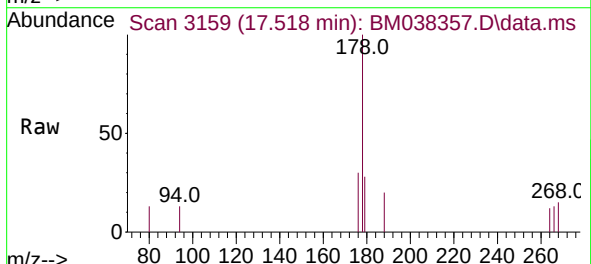
Manual Integrations
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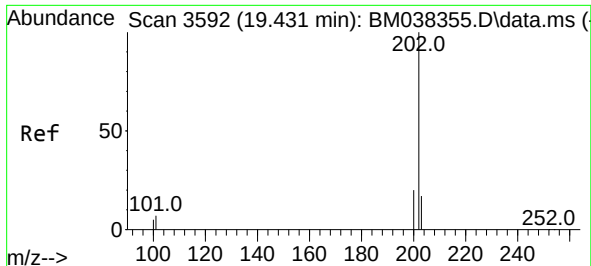
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023



#16
Anthracene
Concen: 0.059 ng/u1
RT: 17.518 min Scan# 3159
Delta R.T. 0.004 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

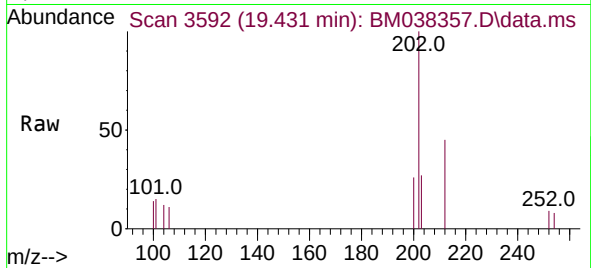
Tgt Ion:178 Resp: 712
Ion Ratio Lower Upper
178 100
179 28.0 14.2 21.2#
176 30.5 15.8 23.8#





#19
Fluoranthene
Concen: 0.068 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

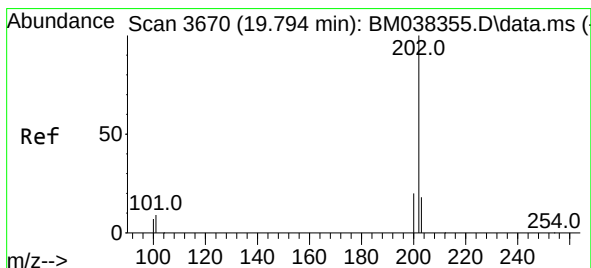
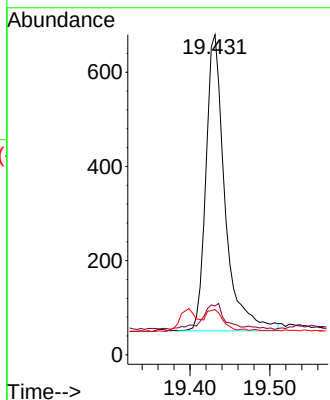
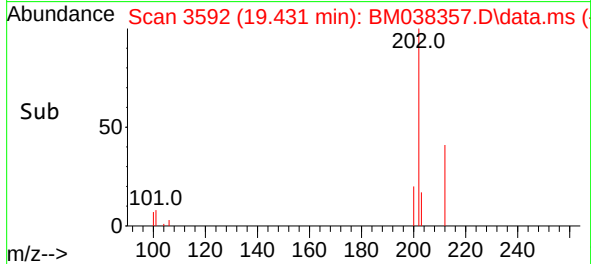
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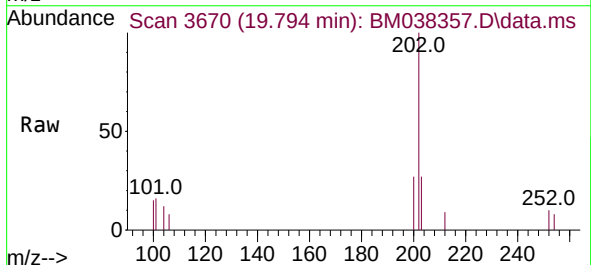
Tgt Ion:202 Resp: 1039
Ion Ratio Lower Upper
202 100
101 15.3 6.6 10.0#
100 14.1 5.4 8.2#

Manual Integrations
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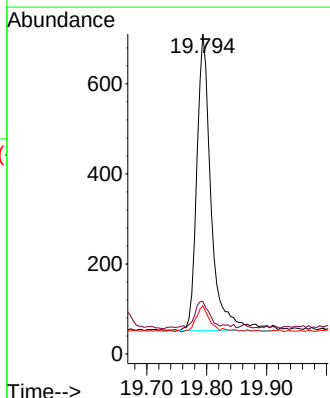
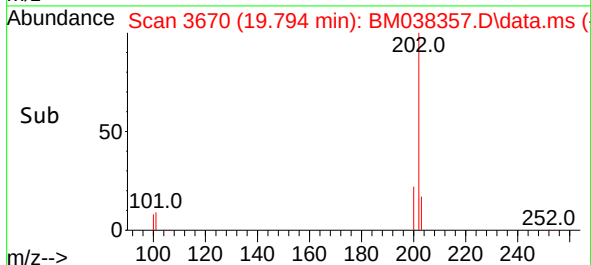
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

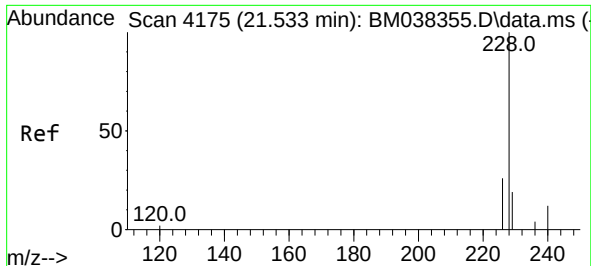


#20
Pyrene
Concen: 0.068 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



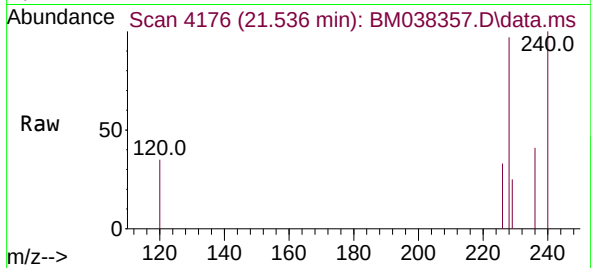
Tgt Ion:202 Resp: 1100
Ion Ratio Lower Upper
202 100
101 16.5 7.8 11.6#
100 15.0 6.5 9.7#





#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.536 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

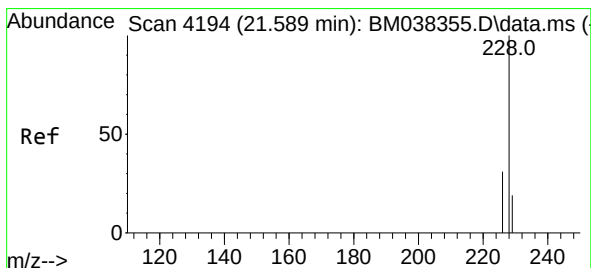
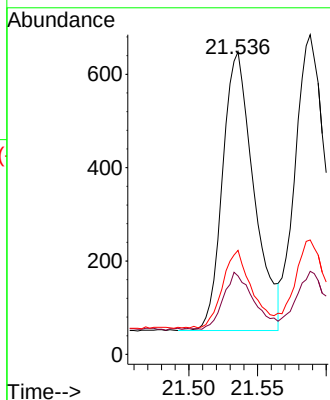
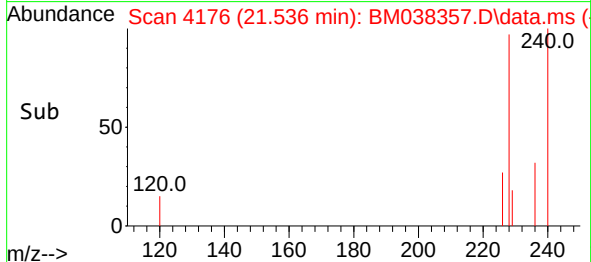
Instrument :
BNA_M
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MDL-WATER-QT4-2022-08



Tgt Ion:228 Resp: 945
Ion Ratio Lower Upper
228 100
229 25.9 16.4 24.6
226 34.4 22.2 33.2

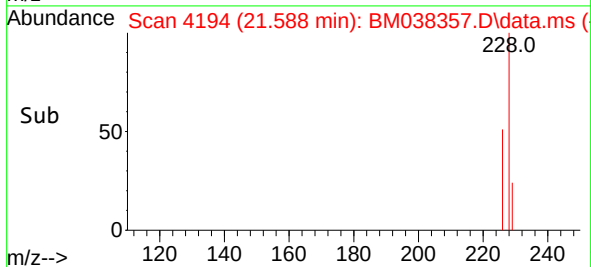
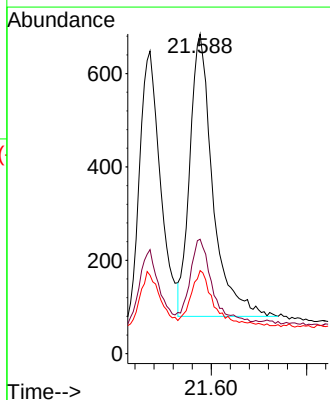
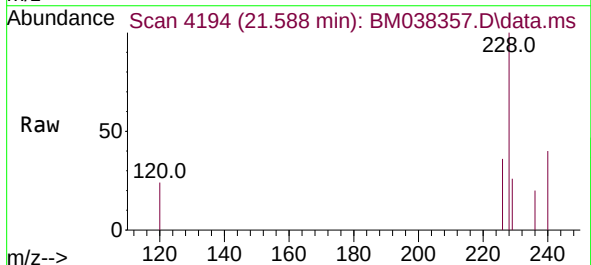
Manual Integrations
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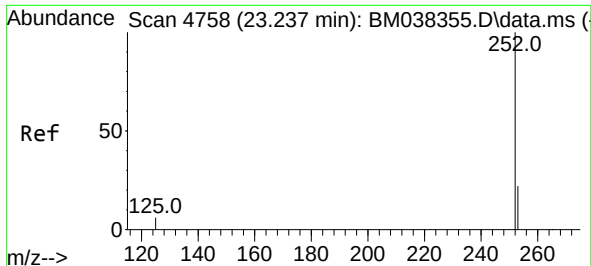
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023



#22
Chrysene
Concen: 0.065 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

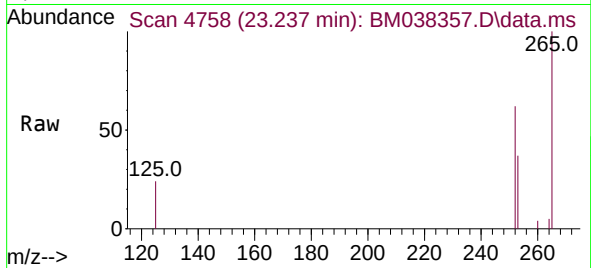
Tgt Ion:228 Resp: 1011
Ion Ratio Lower Upper
228 100
226 35.8 25.3 37.9
229 26.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.054 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

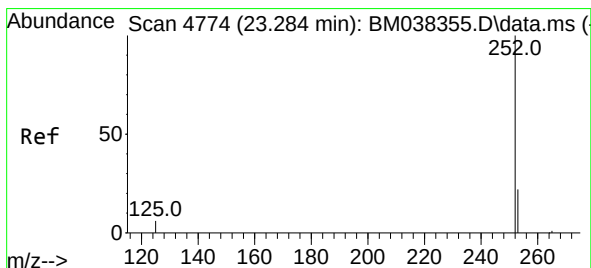
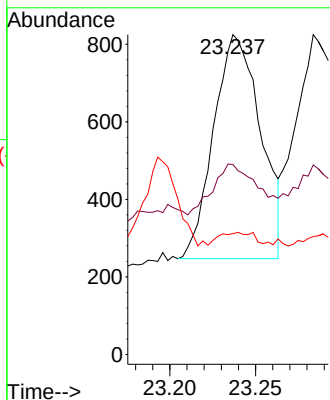
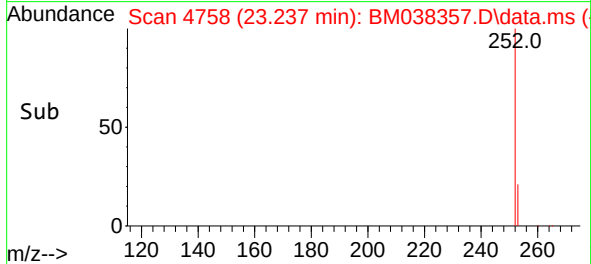
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



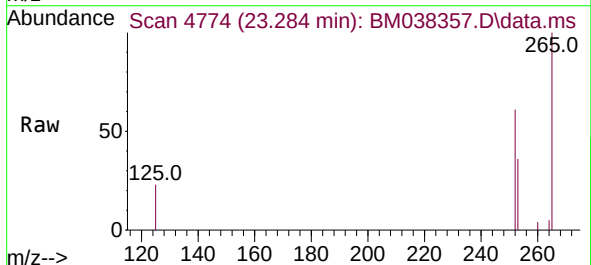
Tgt Ion:252 Resp: 1102
Ion Ratio Lower Upper
252 100
253 59.4 0.0 60.4
125 37.8 0.0 27.6

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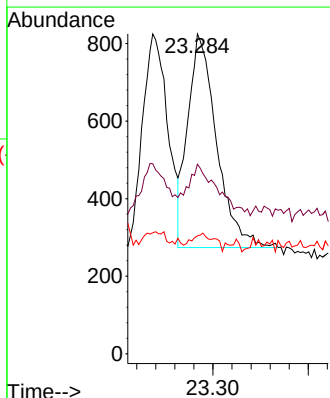
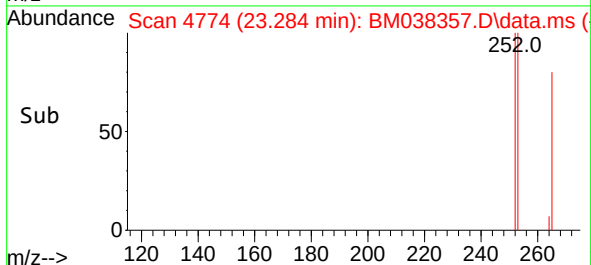
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

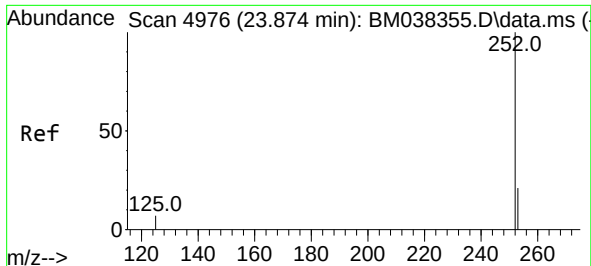


#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



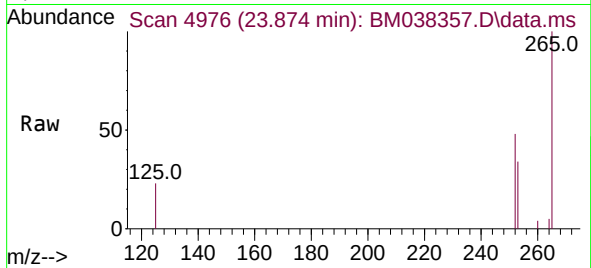
Tgt Ion:252 Resp: 1161
Ion Ratio Lower Upper
252 100
253 59.3 24.4 36.6#
125 36.8 10.7 16.1#





#26
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.874 min Scan# 4976
Delta R.T. -0.006 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

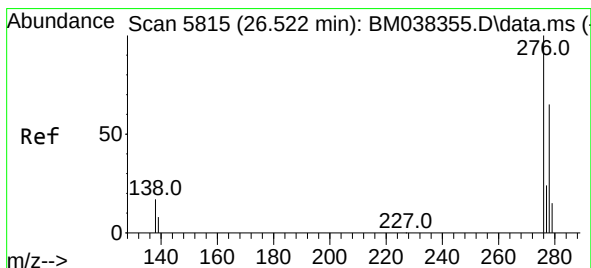
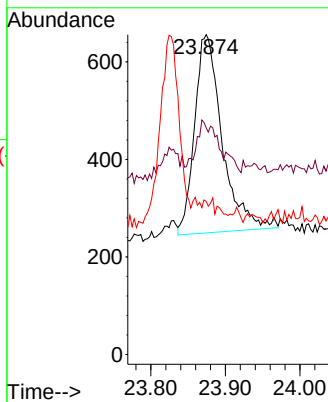
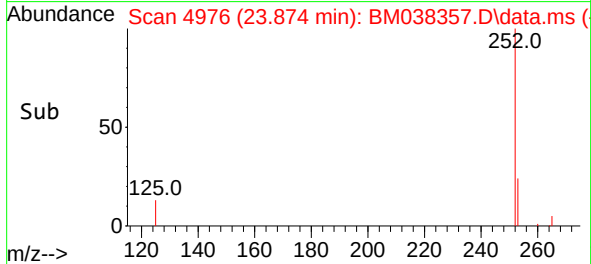
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



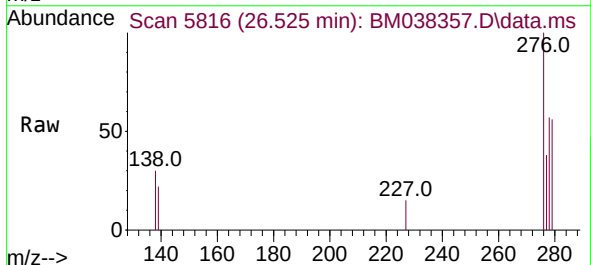
Tgt Ion:252 Resp: 1045
Ion Ratio Lower Upper
252 100
253 70.9 27.4 41.2#
125 47.9 13.8 20.8#

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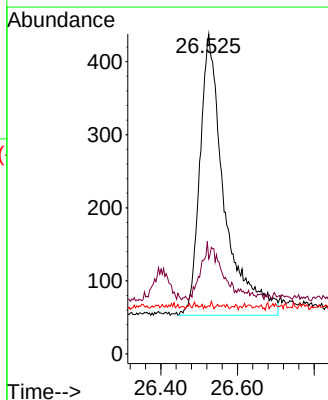
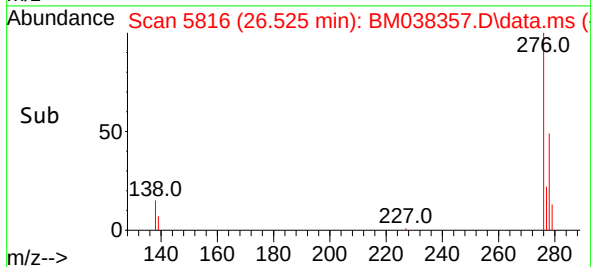
Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

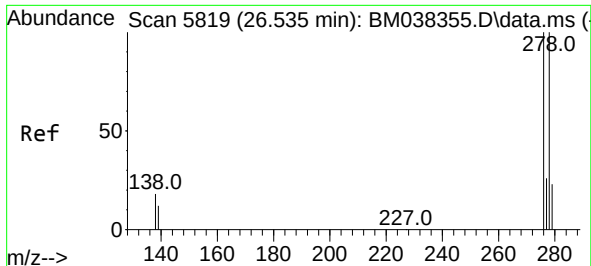


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. -0.004 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



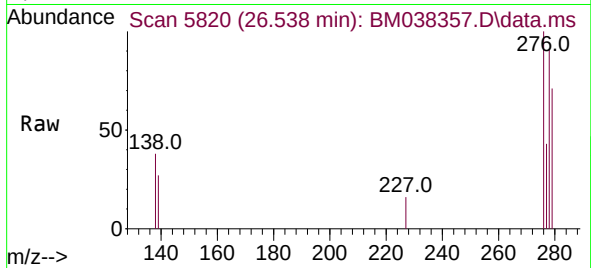
Tgt Ion:276 Resp: 1703
Ion Ratio Lower Upper
276 100
138 7.3 14.1 21.1#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.538 min Scan# 5819
Delta R.T. -0.004 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41

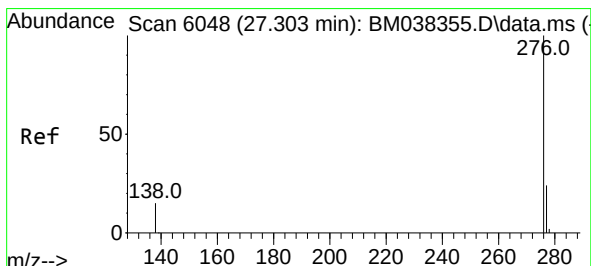
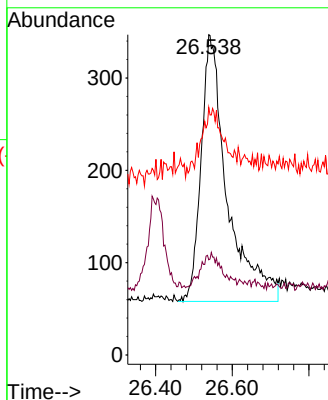
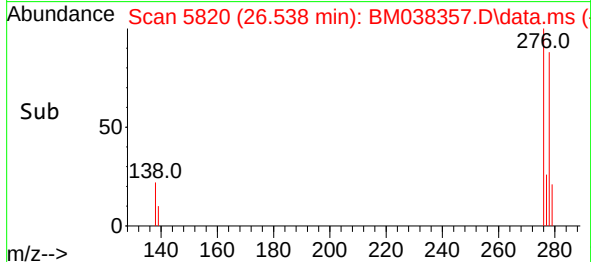
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08



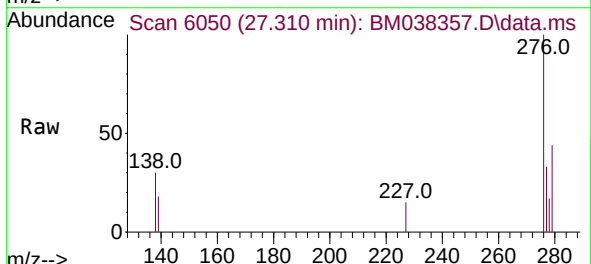
Tgt Ion:278 Resp: 1362
Ion Ratio Lower Upper
278 100
139 29.7 11.4 17.0#
279 77.2 26.4 39.6#

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Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.310 min Scan# 6050
Delta R.T. 0.003 min
Lab File: BM038357.D
Acq: 03 Jan 2023 12:41



Tgt Ion:276 Resp: 1575
Ion Ratio Lower Upper
276 100
138 29.6 14.4 21.6#
277 33.5 20.7 31.1#

