

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030422\
 Data File : BM034130.D
 Acq On : 04 Mar 2022 10:23
 Operator : CG/JU
 Sample : N1331-01
 Misc : SFAM-SIM-MDL-WATER01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :mohammad ahmed 03/07/2022

Quant Time: Mar 04 10:57:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 14:59:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	2719	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	7050	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	4612	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	10188	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	8220	0.400	ng/ul	# 0.00
23) Perylene-d12	23.985	264	8153	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2031	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	3523	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	8660	0.349	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	198	0.065	ng/ul#	56
5) Naphthalene	10.862	128	1286	0.066	ng/ul	98
7) 2-Methylnaphthalene	12.473	142	901	0.066	ng/ul	95
8) 1-Methylnaphthalene	12.687	142	868	0.064	ng/ul	98
10) Acenaphthylene	14.351	152	1281	0.066	ng/ul	98
11) Acenaphthene	14.694	153	1020	0.065	ng/ul	98
12) Fluorene	15.679	166	1198	0.063	ng/ul	96
14) Pentachlorophenol	17.025	266	270m	0.083	ng/ul	
15) Phenanthrene	17.413	178	2013	0.065	ng/ul	99
16) Anthracene	17.506	178	1730	0.062	ng/ul	99
19) Fluoranthene	19.422	202	2300	0.068	ng/ul	96
20) Pyrene	19.784	202	2312	0.068	ng/ul	98
21) Benzo(a)anthracene	21.527	228	1881	0.066	ng/ul	97
22) Chrysene	21.580	228	2083	0.068	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	2239m	0.067	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	2114	0.063	ng/ul#	76
26) Benzo(a)pyrene	23.880	252	1886	0.067	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.548	276	2660	0.068	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.569	278	2185	0.068	ng/ul#	76
29) Benzo(g,h,i)perylene	27.316	276	2351	0.068	ng/ul	92

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

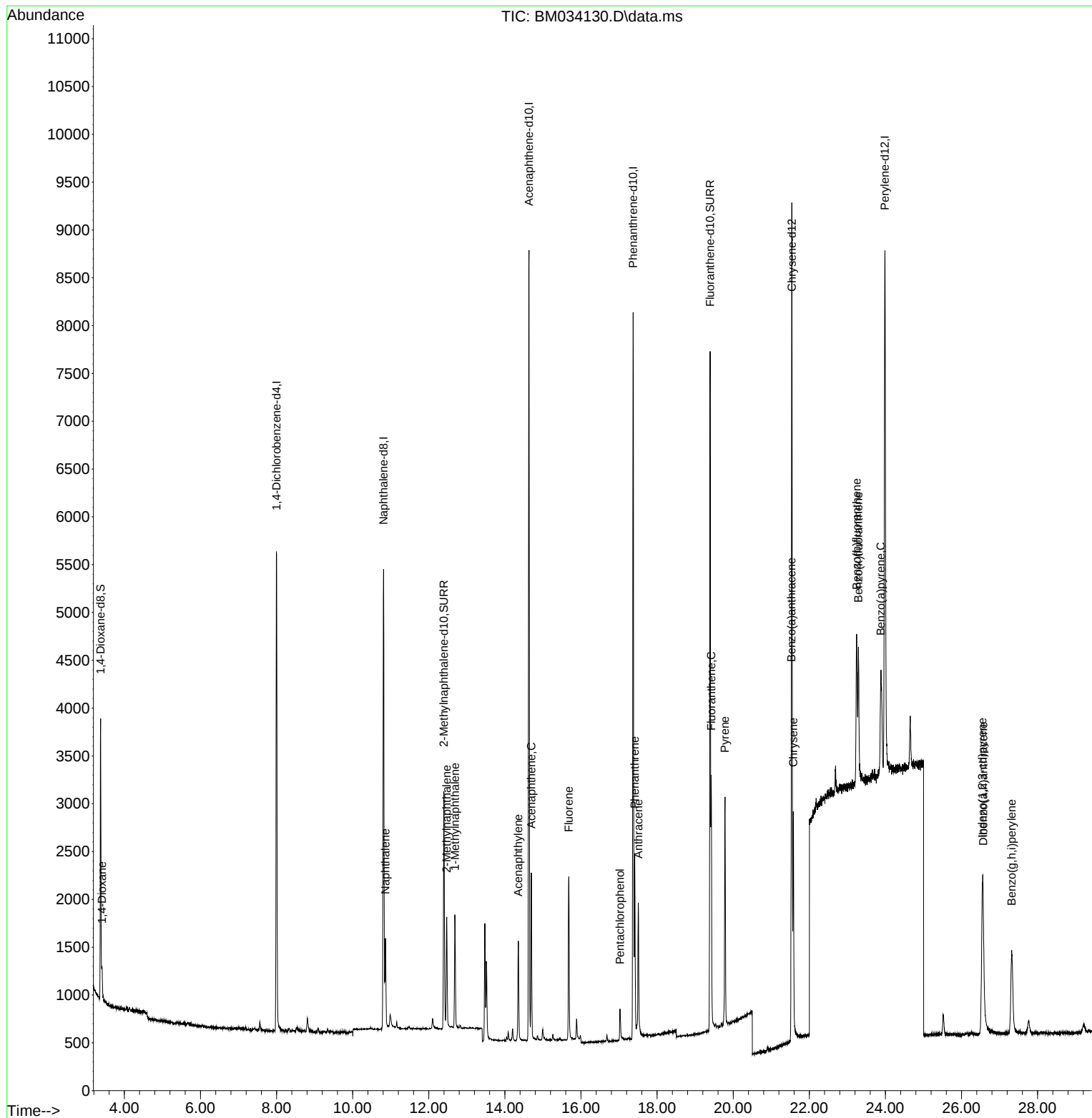
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030422\
Data File : BM034130.D
Acq On : 04 Mar 2022 10:23
Operator : CG/JU
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Misc : SFAM-SIM-MDL-WATER01
ALS Vial : 4 Sample Multiplier: 1

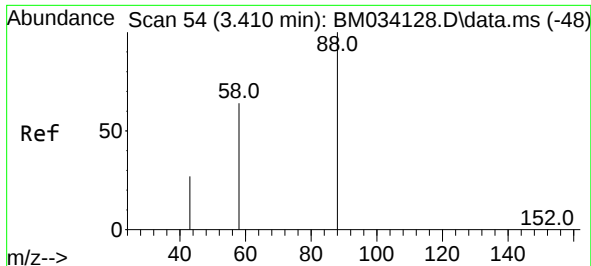
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01

Quant Time: Mar 04 10:57:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 14:59:52 2022
Response via : Initial Calibration

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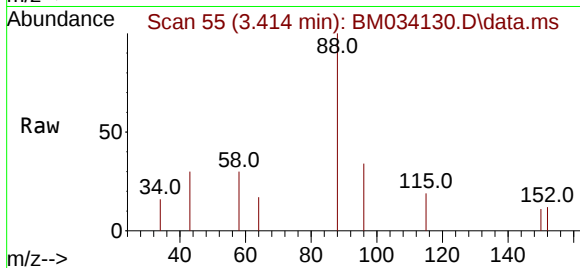
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022





#2
1,4-Dioxane
Concen: 0.065 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

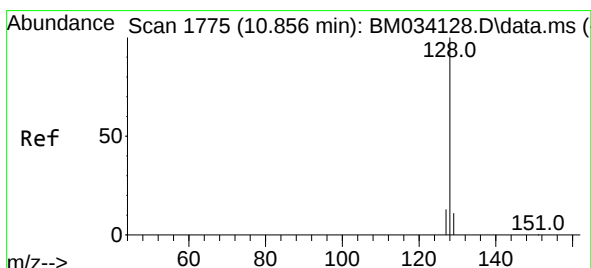
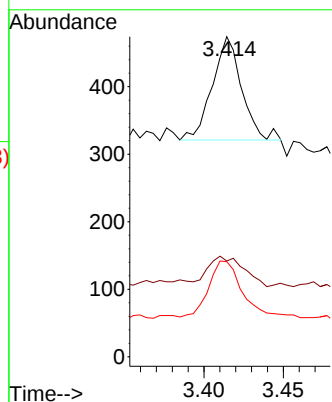
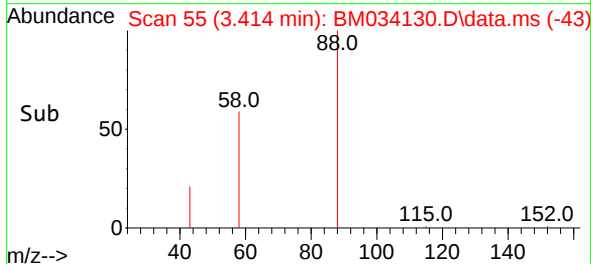
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 30.0 49.7 74.5
58 29.7 52.5 78.7

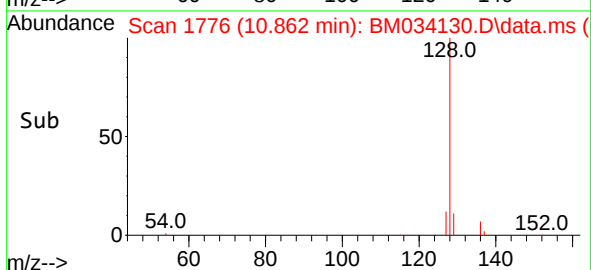
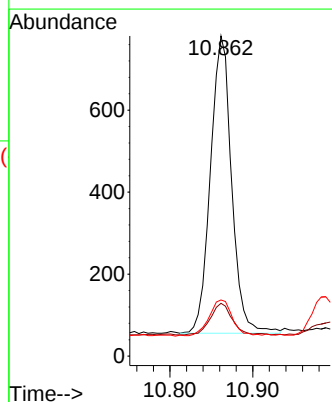
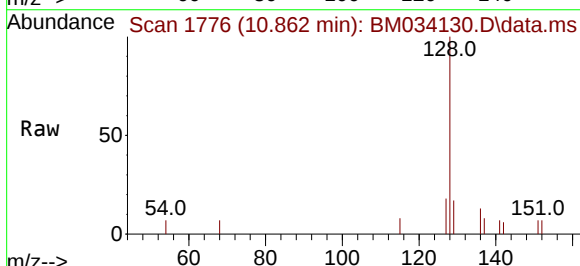
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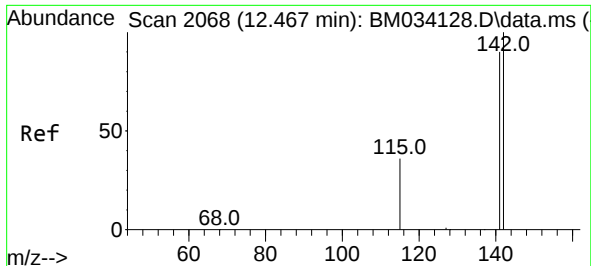
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

Tgt Ion:128 Resp: 1286
Ion Ratio Lower Upper
128 100
129 16.5 13.4 20.2
127 17.5 15.2 22.8





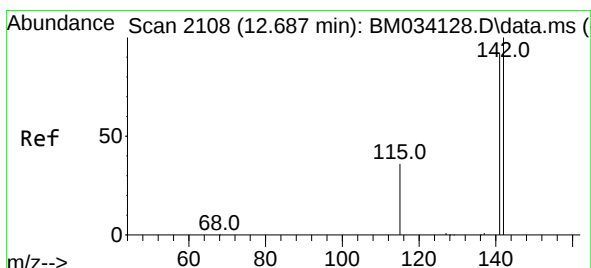
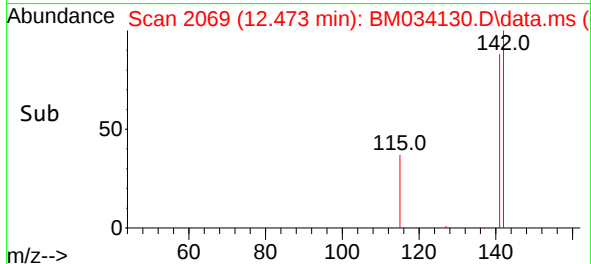
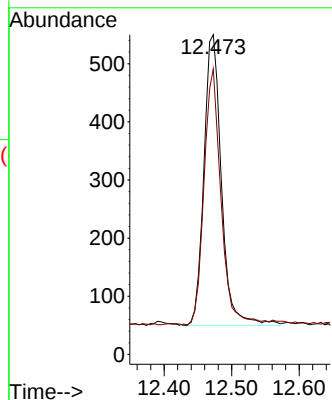
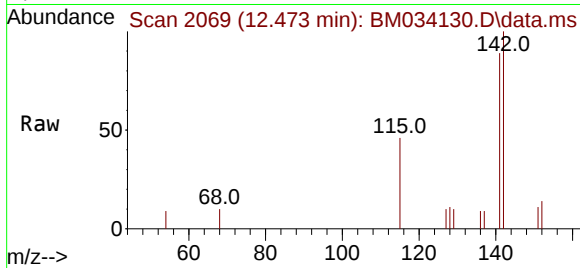
#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
141 85.2 71.8 107.6

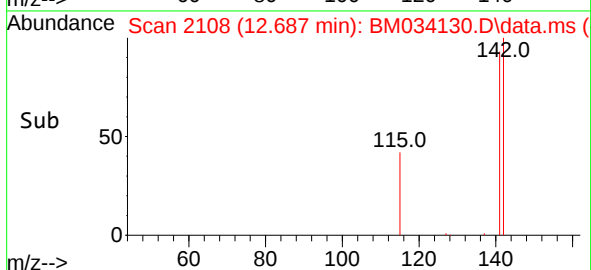
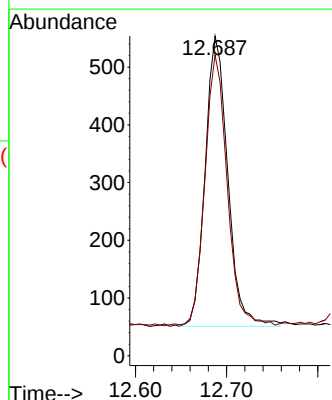
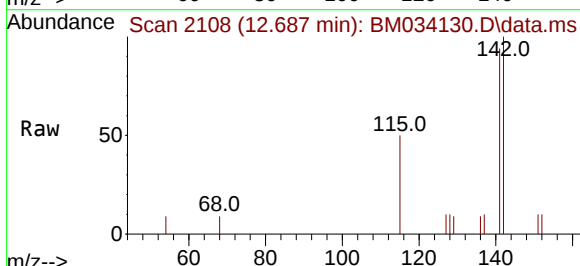
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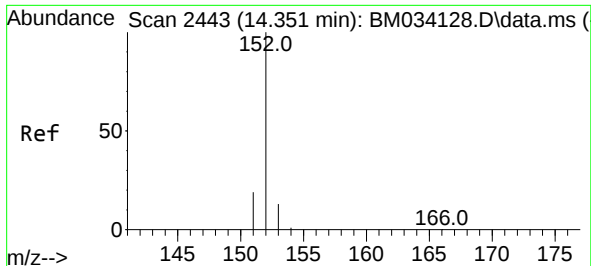
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

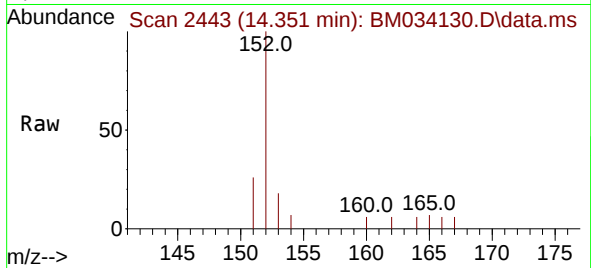
Tgt Ion:142 Resp: 868
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4





#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

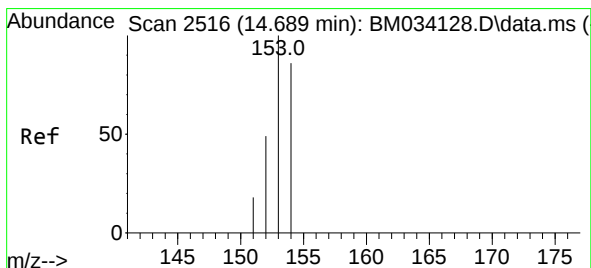
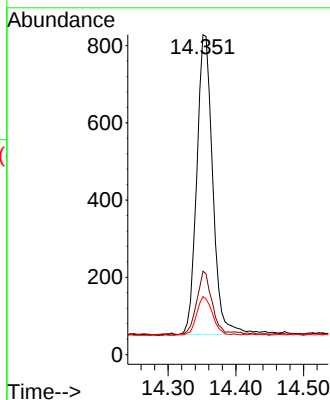
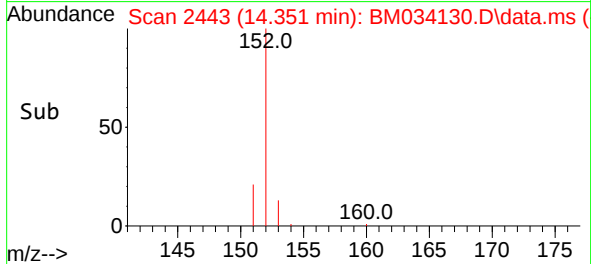
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2022-01



Tgt Ion:152 Resp: 128
Ion Ratio Lower Upper
152 100
151 26.1 19.9 29.9
153 18.1 15.0 22.4

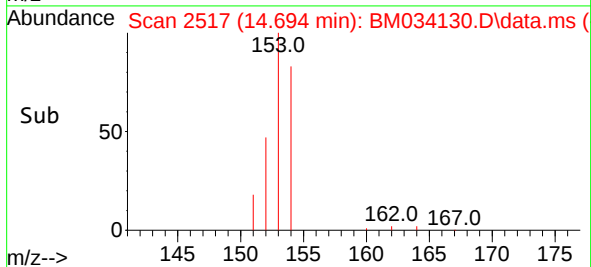
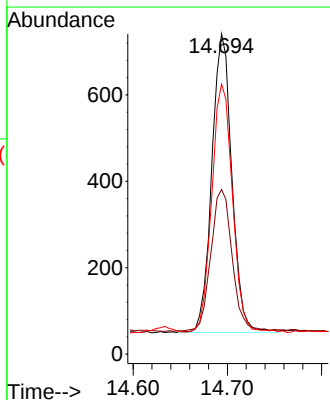
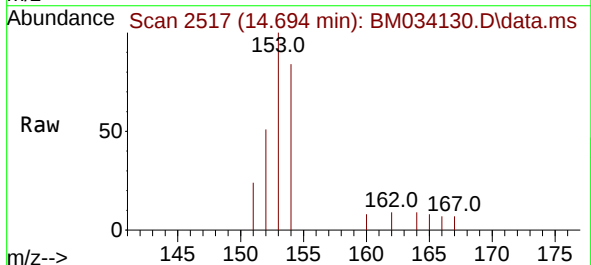
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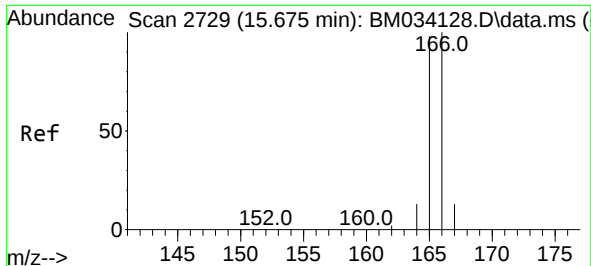
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

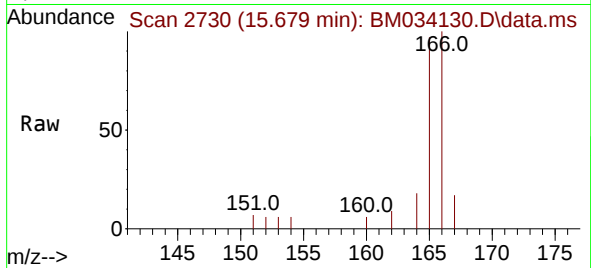
Tgt Ion:153 Resp: 1020
Ion Ratio Lower Upper
153 100
152 51.4 42.4 63.6
154 84.3 66.2 99.2





#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

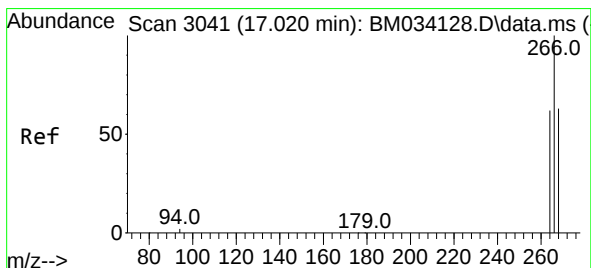
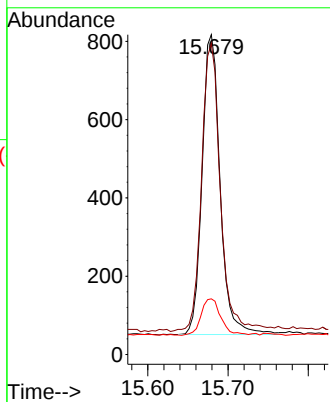
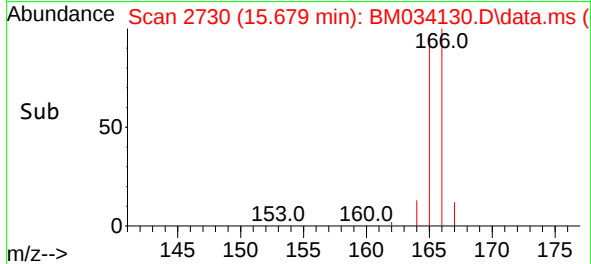
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:166 Resp: 1198
Ion Ratio Lower Upper
166 100
165 97.3 81.1 121.7
167 17.4 14.9 22.3

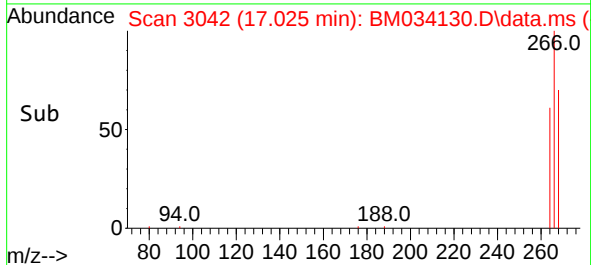
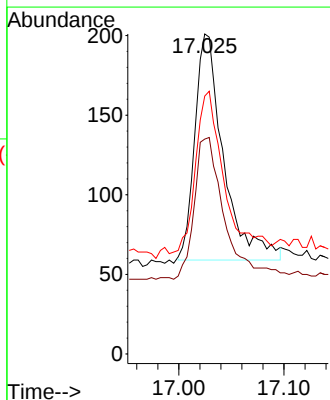
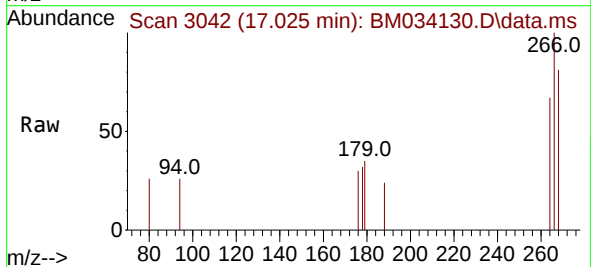
Manual Integrations
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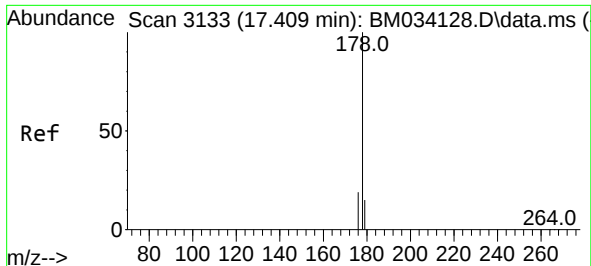
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#14
Pentachlorophenol
Concen: 0.083 ng/ul m
RT: 17.025 min Scan# 3042
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

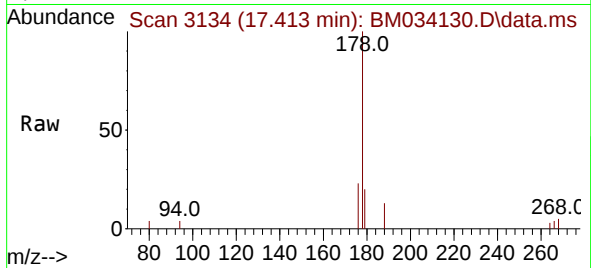
Tgt Ion:266 Resp: 270
Ion Ratio Lower Upper
266 100
264 66.7 51.4 77.0
268 73.3 53.1 79.7





#15
Phenanthrene
Concen: 0.065 ng/u1
RT: 17.413 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

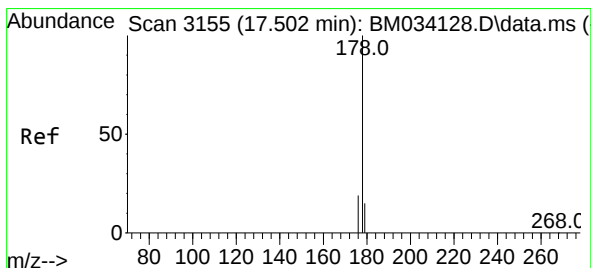
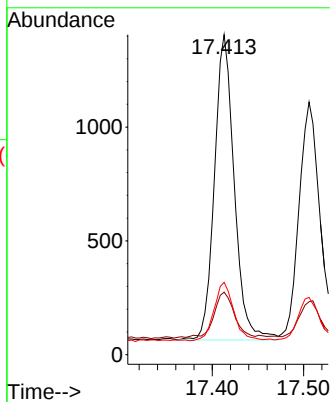
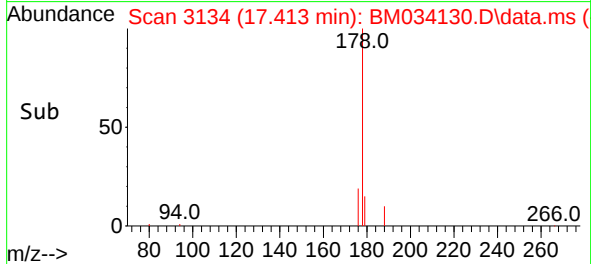
Instrument :
BNA_M
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MDL-WATER-QT1-2022-01



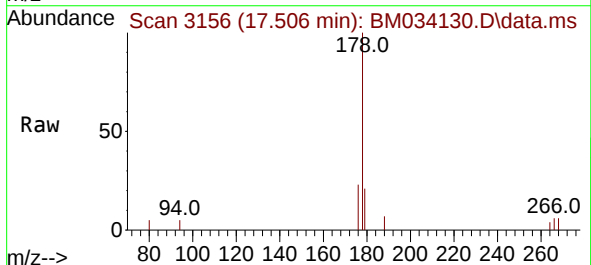
Tgt Ion:178 Resp: 201
Ion Ratio Lower Upper
178 100
179 19.6 15.0 22.6
176 22.6 17.9 26.9

Manual Integrations
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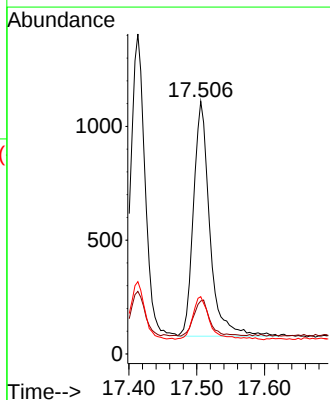
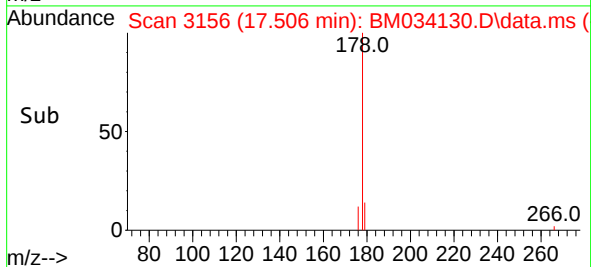
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022

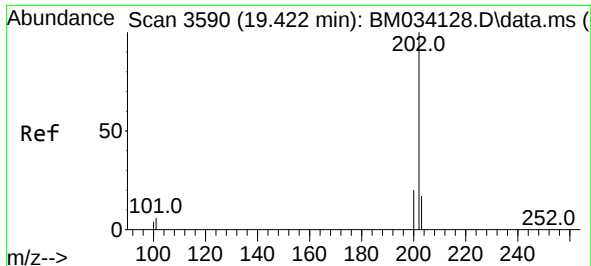


#16
Anthracene
Concen: 0.062 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23



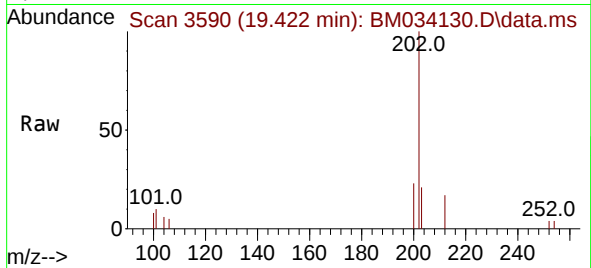
Tgt Ion:178 Resp: 1730
Ion Ratio Lower Upper
178 100
179 21.0 16.5 24.7
176 22.7 18.3 27.5





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. -0.005 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

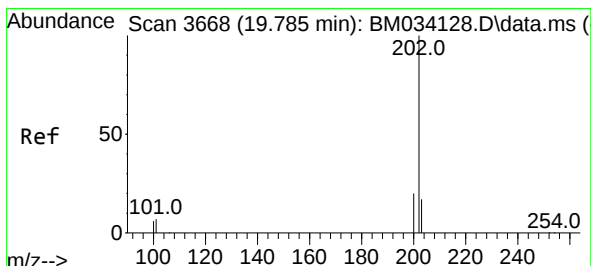
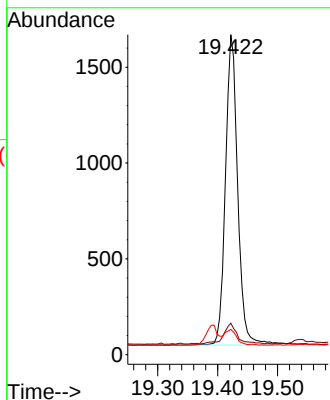
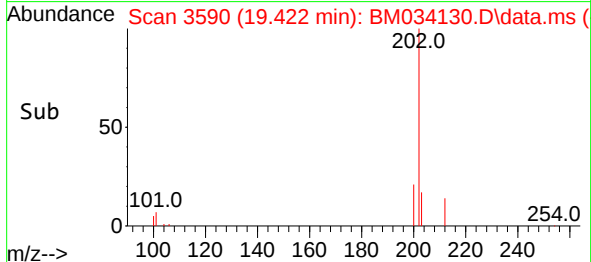
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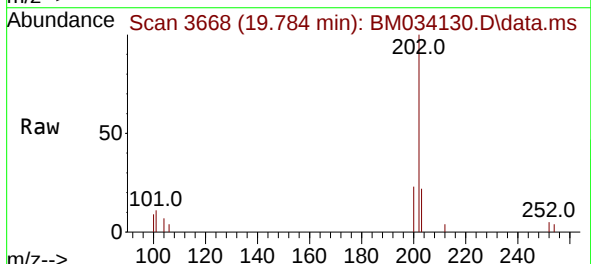
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Ion Ratio Lower Upper
202 100
101 9.9 9.2 13.8
100 7.9 7.2 10.8

Manual Integrations
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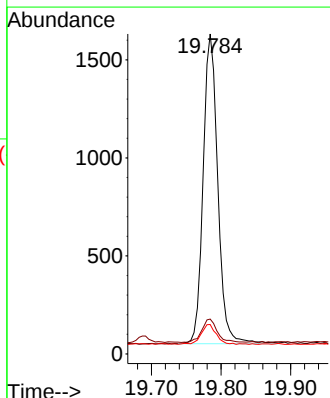
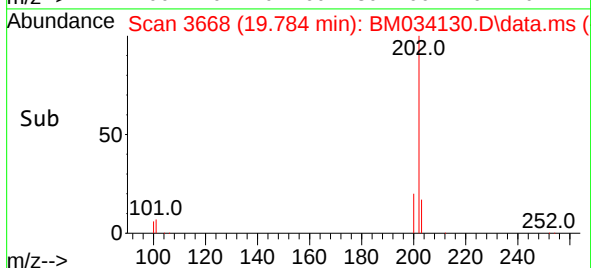
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022

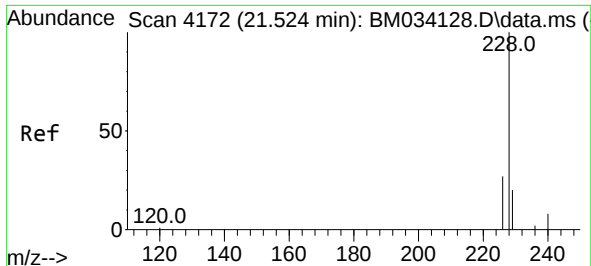


#20
Pyrene
Concen: 0.068 ng/u1
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23



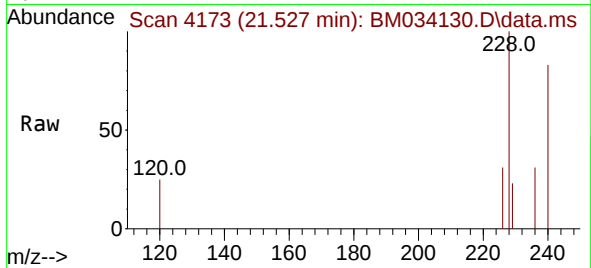
Tgt Ion:202 Resp: 2312
Ion Ratio Lower Upper
202 100
101 10.9 9.3 13.9
100 9.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

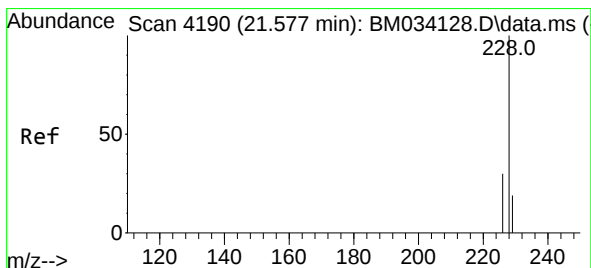
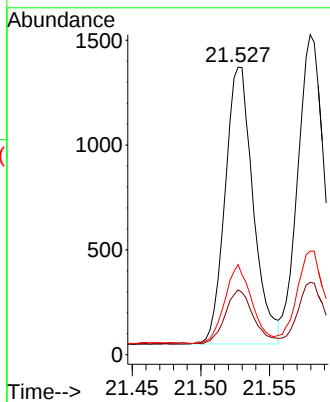
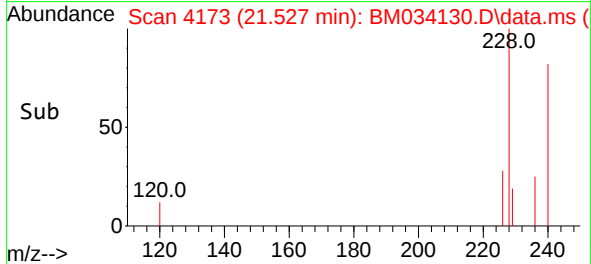
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion:228 Resp: 188
Ion Ratio Lower Upper
228 100
229 22.5 17.3 25.9
226 31.3 23.2 34.8

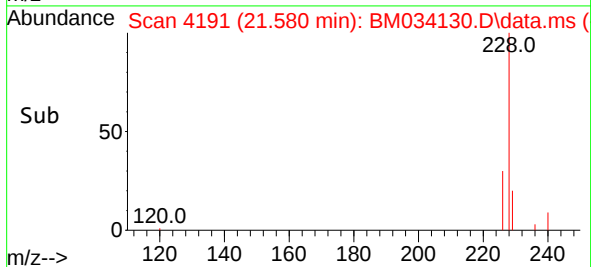
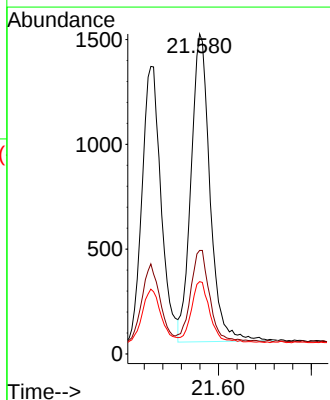
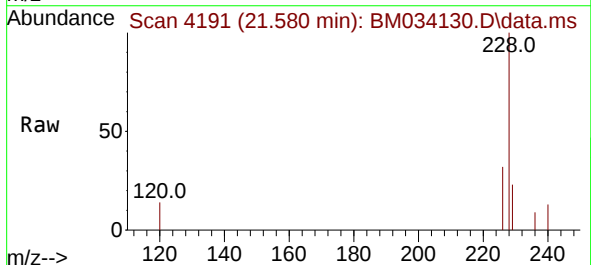
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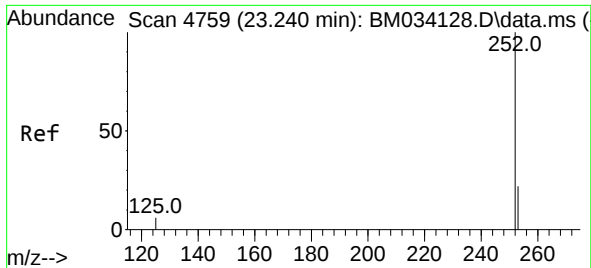
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#22
Chrysene
Concen: 0.068 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

Tgt Ion:228 Resp: 2083
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.6 16.7 25.1





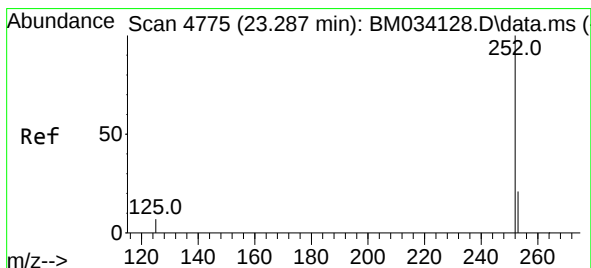
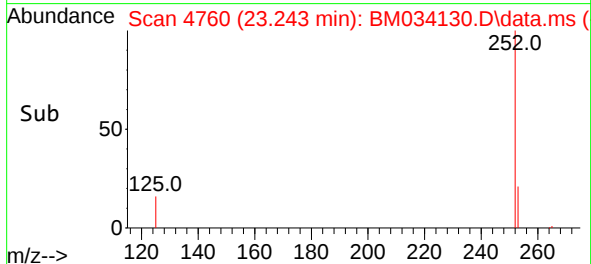
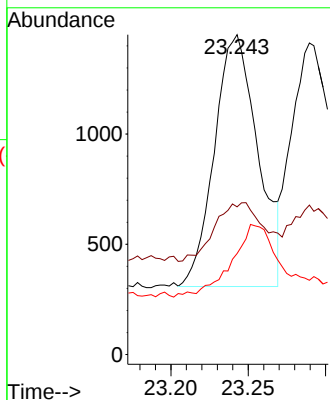
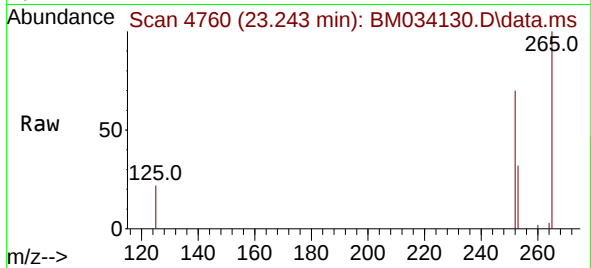
#24
Benzo(b)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:252 Resp: 2239
Ion Ratio Lower Upper
252 100
253 46.2 0.0 64.2
125 31.6 0.0 28.8

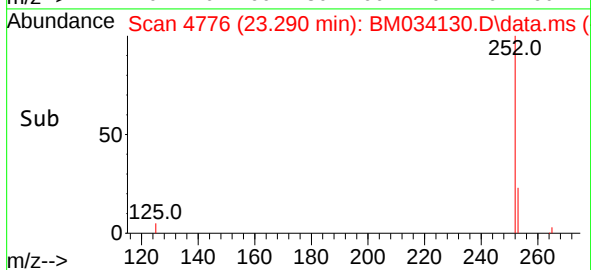
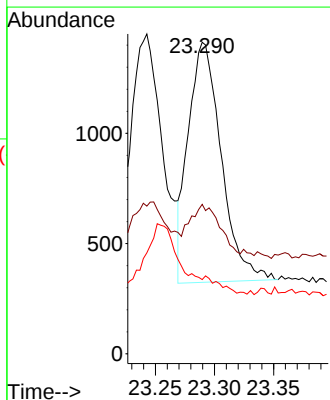
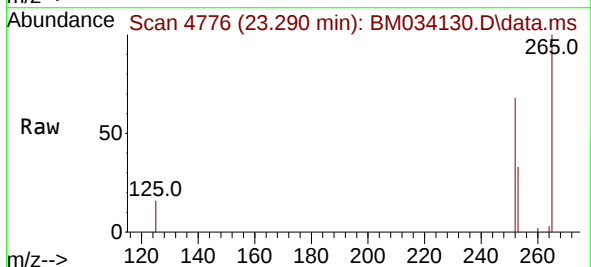
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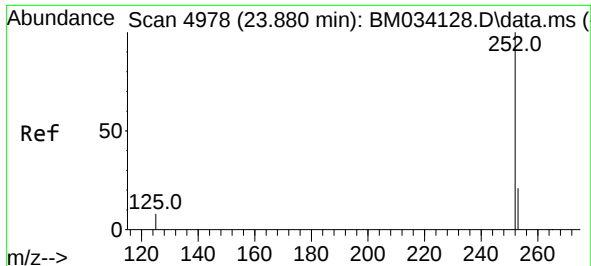
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.003 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

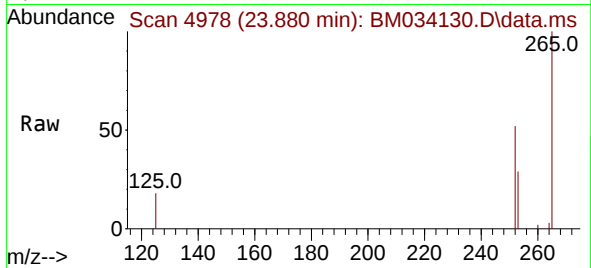
Tgt Ion:252 Resp: 2114
Ion Ratio Lower Upper
252 100
253 48.0 26.8 40.2#
125 23.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.880 min Scan# 4978
Delta R.T. -0.003 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

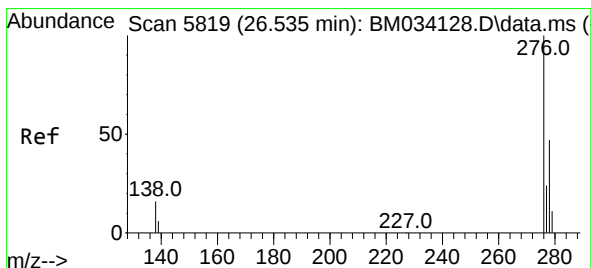
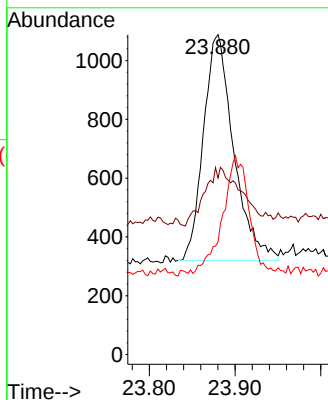
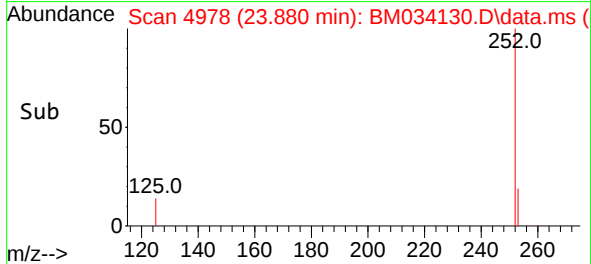
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01



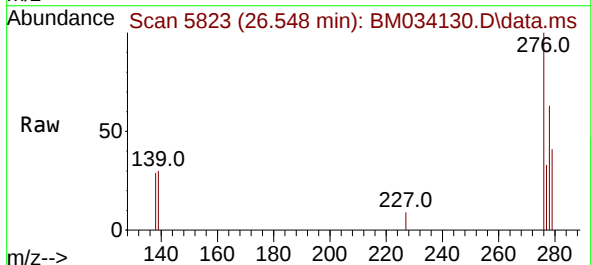
Tgt Ion:252 Resp: 1880
Ion Ratio Lower Upper
252 100
253 55.2 32.0 48.0
125 35.2 14.5 21.7

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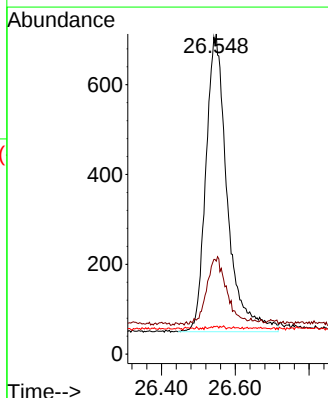
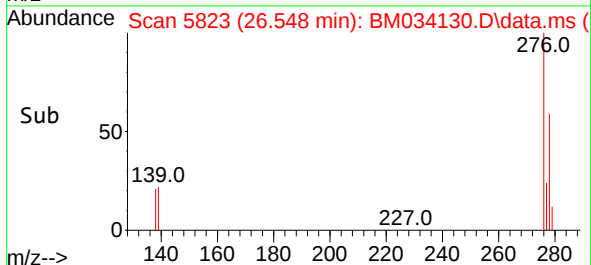
Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022

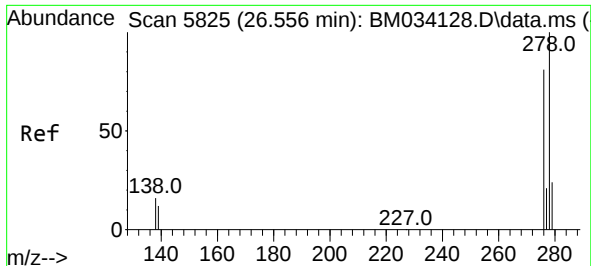


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 26.548 min Scan# 5823
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23



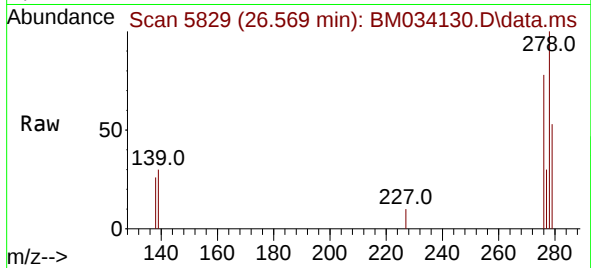
Tgt Ion:276 Resp: 2660
Ion Ratio Lower Upper
276 100
138 20.7 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23

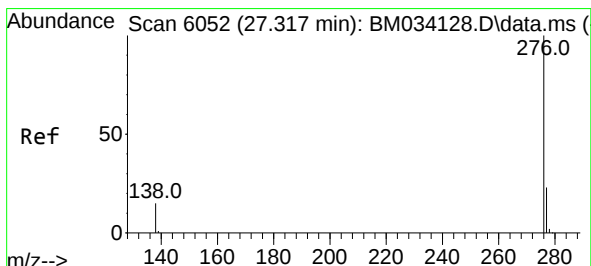
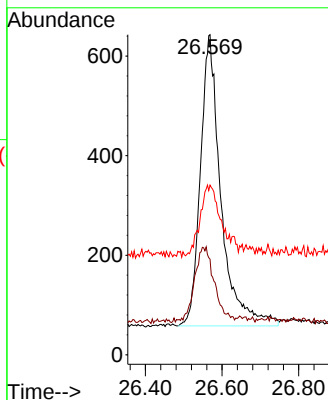
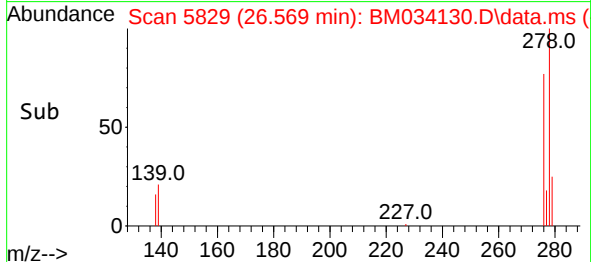
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-01



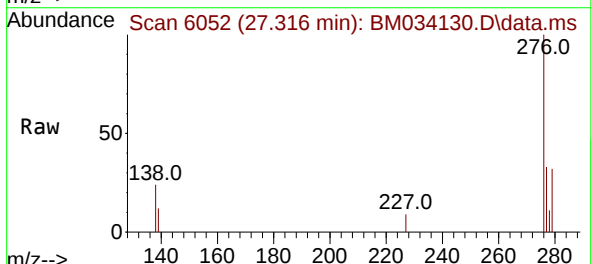
Tgt Ion: 278 Resp: 218
Ion Ratio Lower Upper
278 100
139 29.9 18.0 27.0
279 53.0 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.017 min
Lab File: BM034130.D
Acq: 04 Mar 2022 10:23



Tgt Ion: 276 Resp: 2351
Ion Ratio Lower Upper
276 100
138 24.3 17.4 26.0
277 33.5 22.6 33.8

