

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030722\
 Data File : BM034137.D
 Acq On : 07 Mar 2022 11:52
 Operator : CG/JU
 Sample : N1331-02
 Misc : SFAM-SIM-MDL-WATER02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2022
 Supervised By :mohammad ahmed 03/09/2022

Quant Time: Mar 07 12:22:21 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	2751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	7412	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	4735	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	10345	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	7942	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	7763	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	1926	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3520	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	8373	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	185	0.060	ng/ul#	60
5) Naphthalene	10.867	128	1272	0.062	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	857	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	865	0.060	ng/ul	98
10) Acenaphthylene	14.356	152	1267	0.063	ng/ul	98
11) Acenaphthene	14.698	153	1012	0.063	ng/ul	92
12) Fluorene	15.679	166	1191	0.061	ng/ul	99
14) Pentachlorophenol	17.029	266	268m	0.081	ng/ul	
15) Phenanthrene	17.417	178	1901	0.061	ng/ul	98
16) Anthracene	17.510	178	1643	0.058	ng/ul	98
19) Fluoranthene	19.427	202	2226	0.068	ng/ul	96
20) Pyrene	19.789	202	2241	0.069	ng/ul	97
21) Benzo(a)anthracene	21.530	228	1736	0.063	ng/ul	98
22) Chrysene	21.583	228	1913	0.065	ng/ul	98
24) Benzo(b)fluoranthene	23.249	252	2004m	0.063	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	2082	0.065	ng/ul#	75
26) Benzo(a)pyrene	23.886	252	1827	0.068	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.558	276	2349	0.063	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.582	278	1933	0.063	ng/ul#	61
29) Benzo(g,h,i)perylene	27.337	276	2090	0.064	ng/ul#	91

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

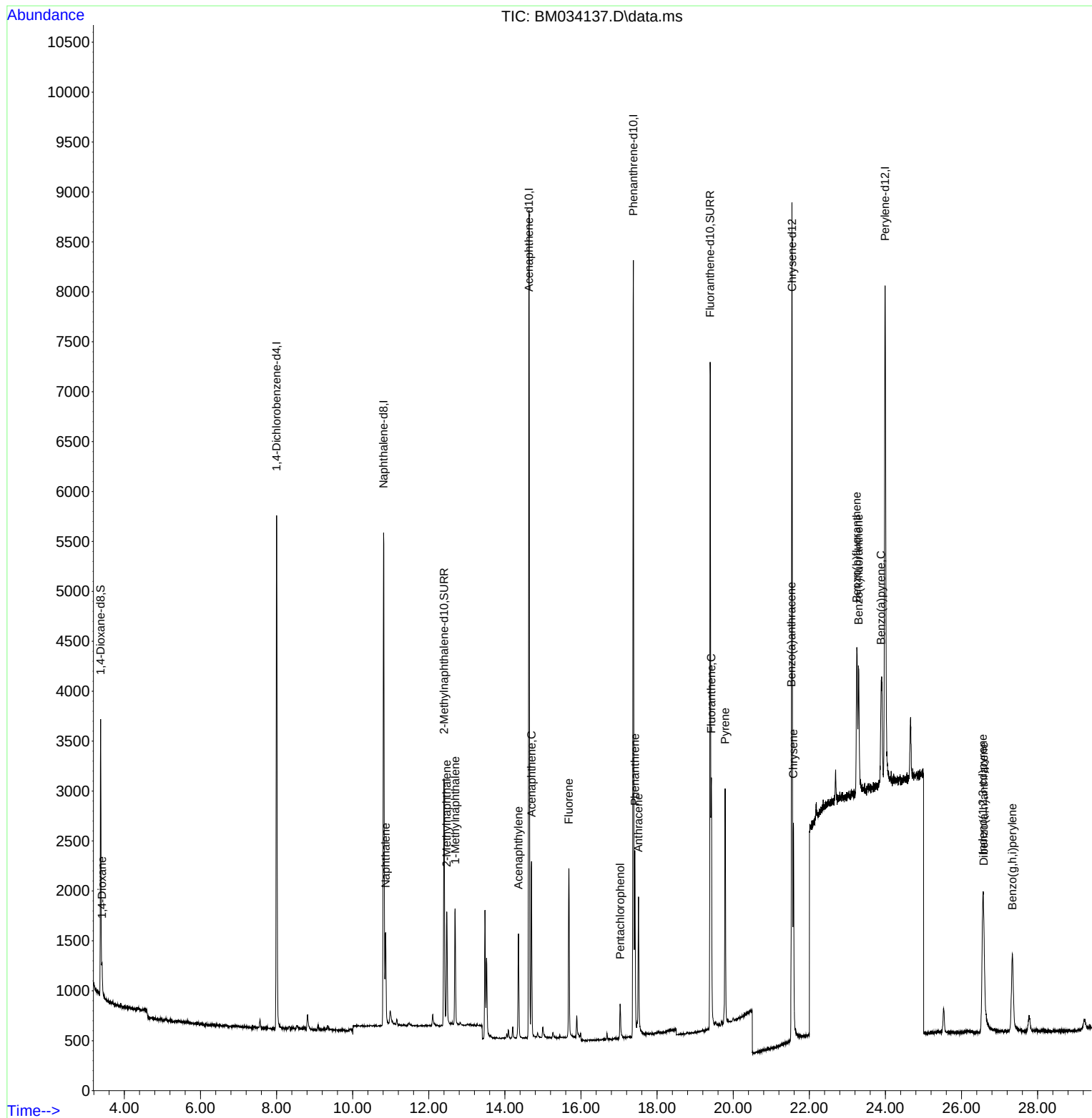
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030722\
Data File : BM034137.D
Acq On : 07 Mar 2022 11:52
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Instrument :
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MDL-WATER-QT1-2022-02

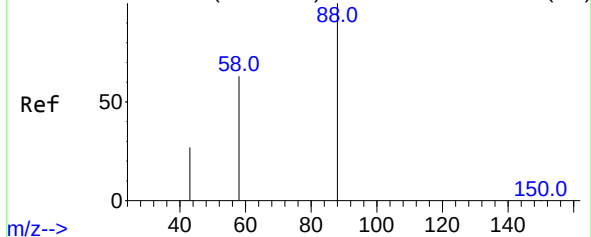
Quant Time: Mar 07 12:22:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 14:59:52 2022
Response via : Initial Calibration

Manual Integrations
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Supervised By :mohammad ahmed 03/09/2022

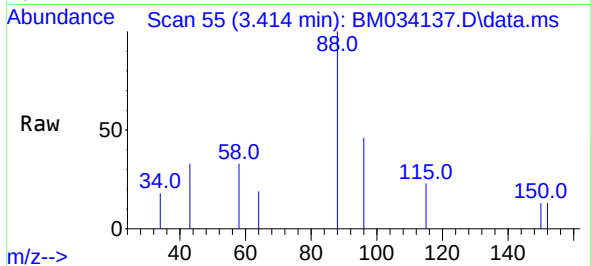


Abundance Scan 55 (3.414 min): BM034135.D\data.ms (-47) #2



1,4-Dioxane
Concen: 0.060 ng/ul
RT: 3.414 min Scan# 55
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

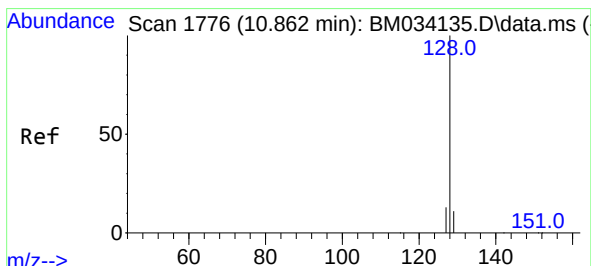
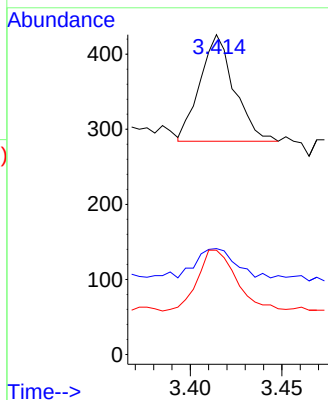
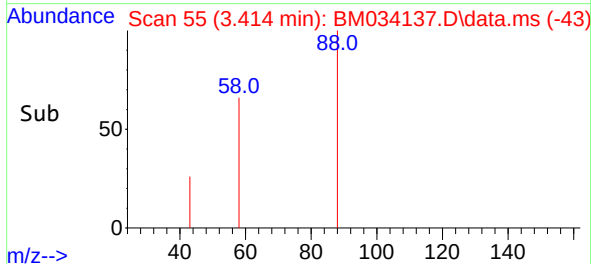
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 33.1 49.7 74.5
58 32.6 52.5 78.7

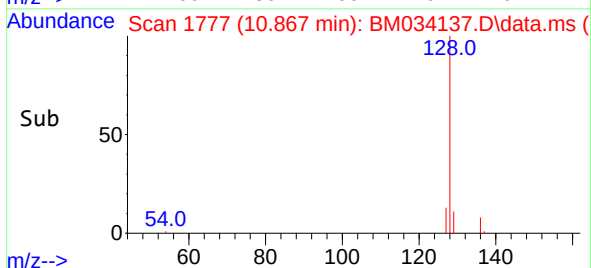
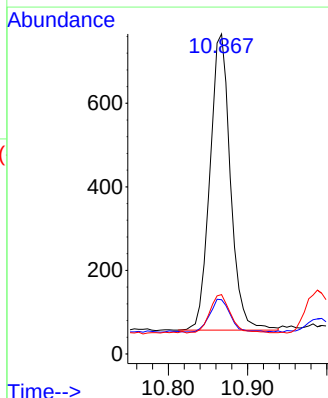
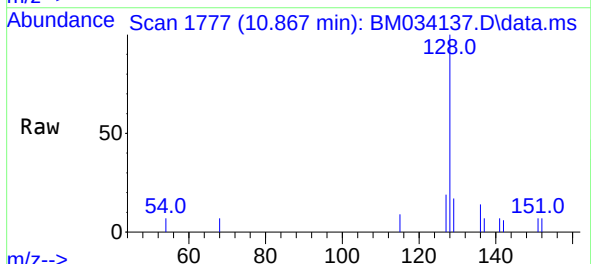
Manual Integrations
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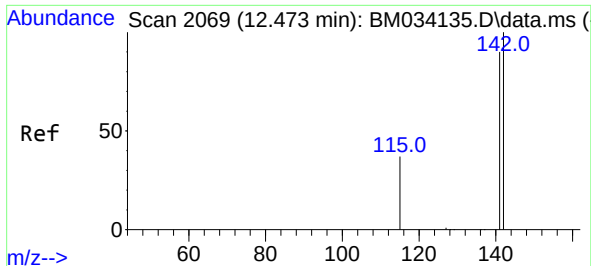
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

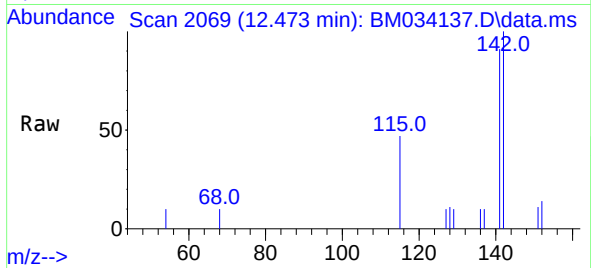
Tgt Ion:128 Resp: 1272
Ion Ratio Lower Upper
128 100
129 17.0 13.4 20.2
127 18.5 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

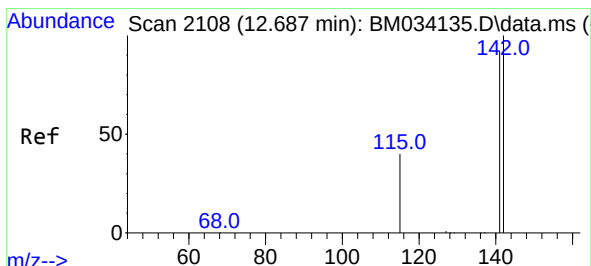
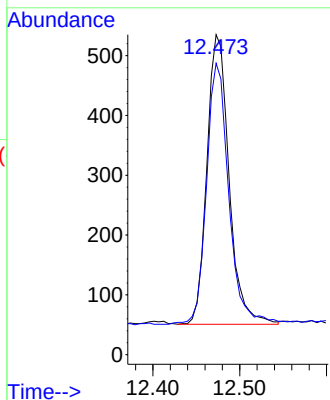
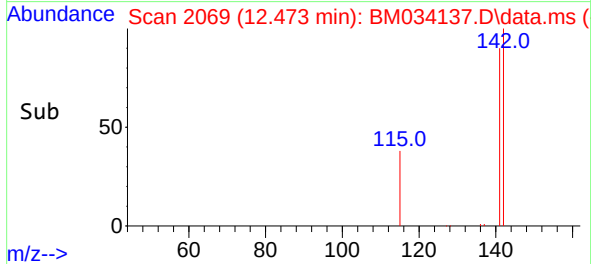
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



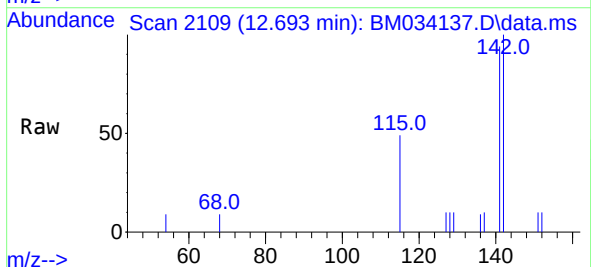
Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6

Manual Integrations
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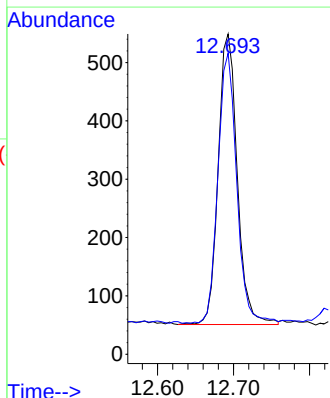
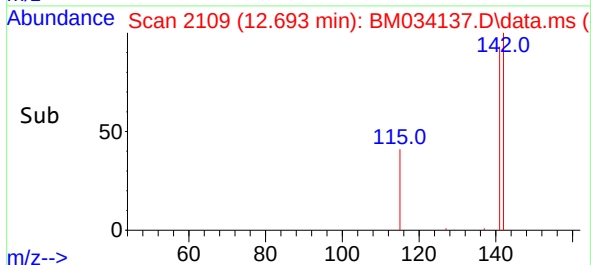
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022

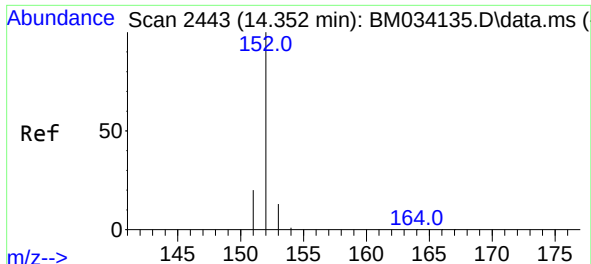


#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52



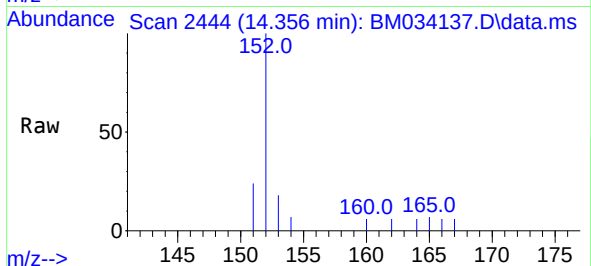
Tgt Ion:142 Resp: 865
Ion Ratio Lower Upper
142 100
141 91.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.063 ng/u1
RT: 14.356 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

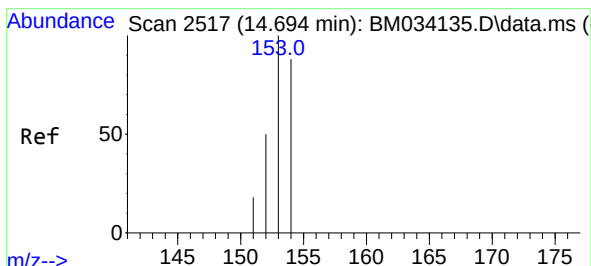
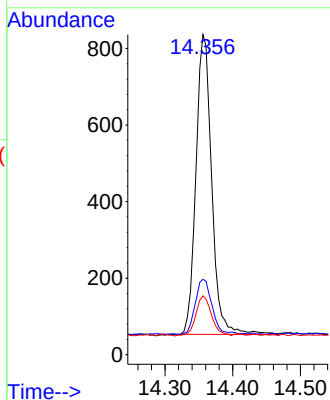
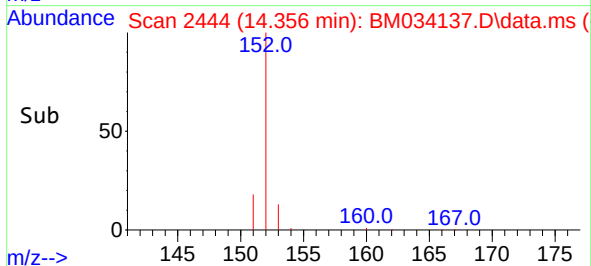
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:152 Resp: 126
Ion Ratio Lower Upper
152 100
151 23.6 19.9 29.9
153 18.4 15.0 22.4

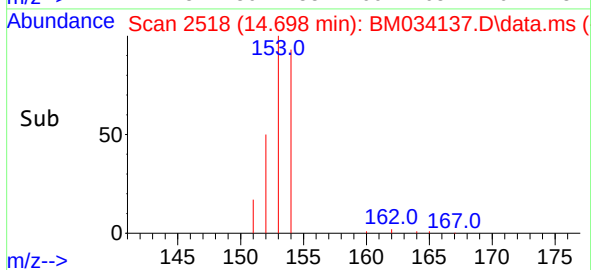
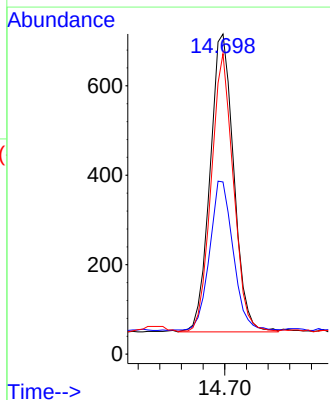
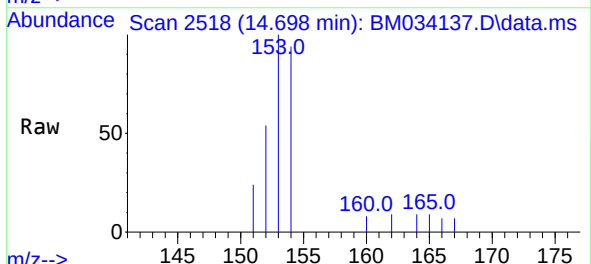
Manual Integrations
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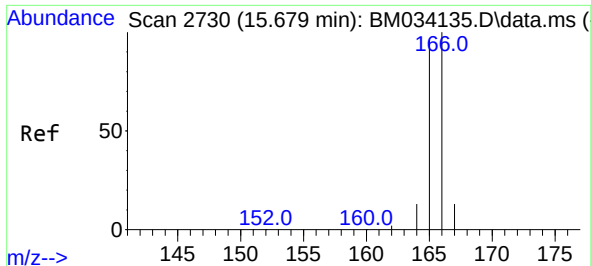
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#11
Acenaphthene
Concen: 0.063 ng/u1
RT: 14.698 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

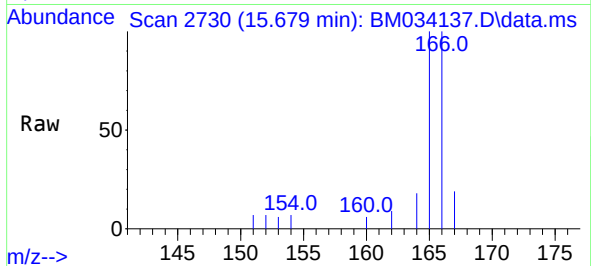
Tgt Ion:153 Resp: 1012
Ion Ratio Lower Upper
153 100
152 53.8 42.4 63.6
154 93.9 66.2 99.2





#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

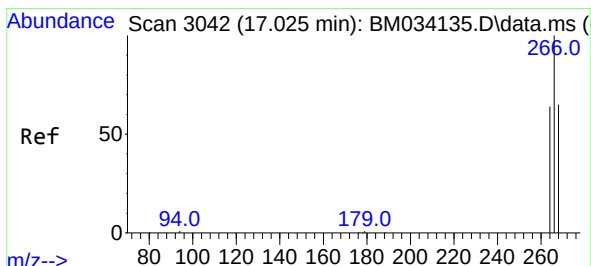
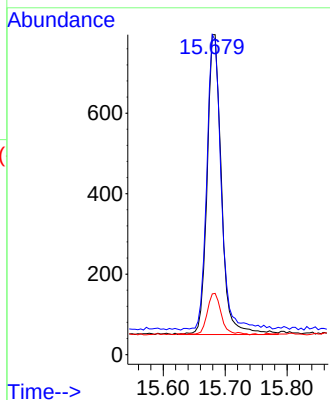
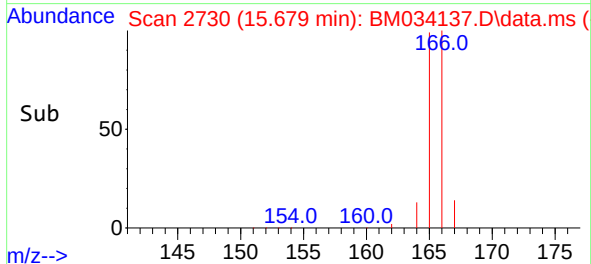
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:166 Resp: 119
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 19.0 14.9 22.3

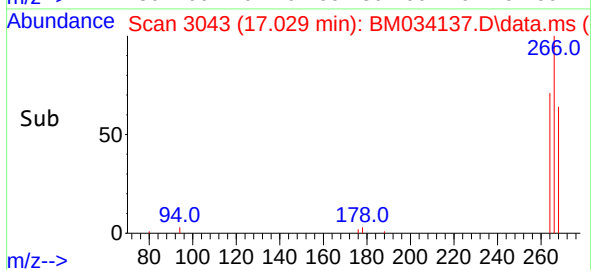
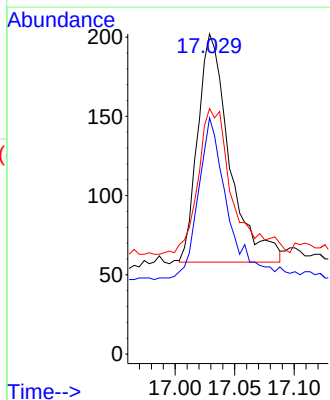
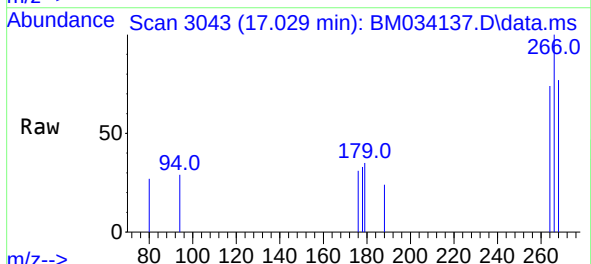
Manual Integrations
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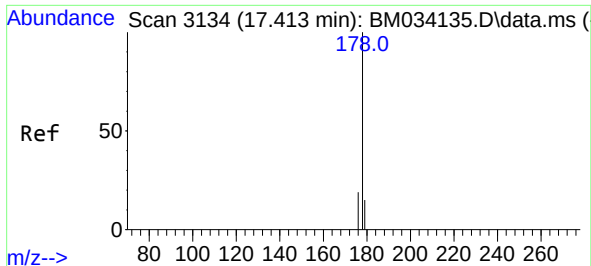
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#14
Pentachlorophenol
Concen: 0.081 ng/ul m
RT: 17.029 min Scan# 3043
Delta R.T. 0.004 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

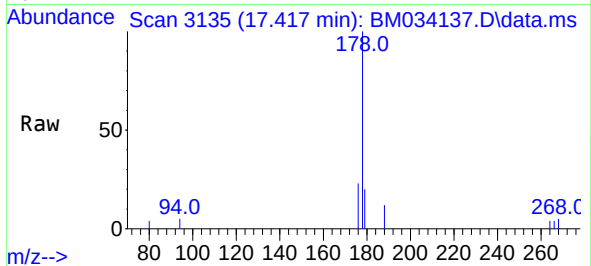
Tgt Ion:266 Resp: 268
Ion Ratio Lower Upper
266 100
264 67.5 51.4 77.0
268 68.7 53.1 79.7





#15
Phenanthrene
Concen: 0.061 ng/u1
RT: 17.417 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

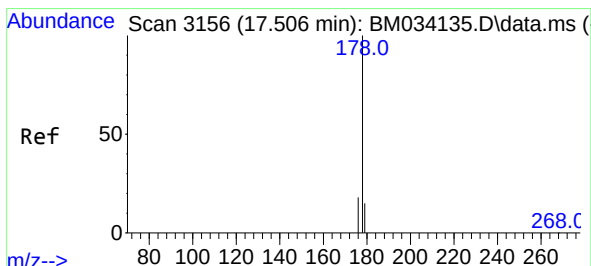
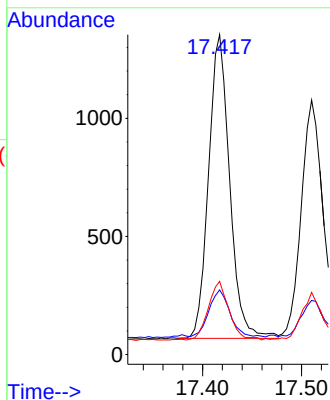
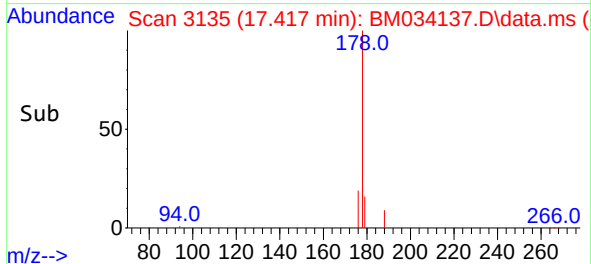
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:178 Resp: 190
Ion Ratio Lower Upper
178 100
179 20.2 15.0 22.6
176 22.9 17.9 26.9

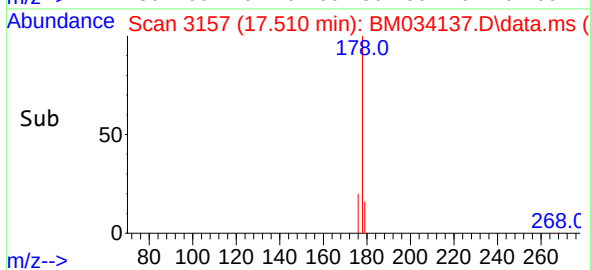
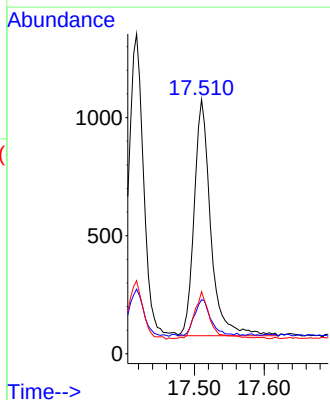
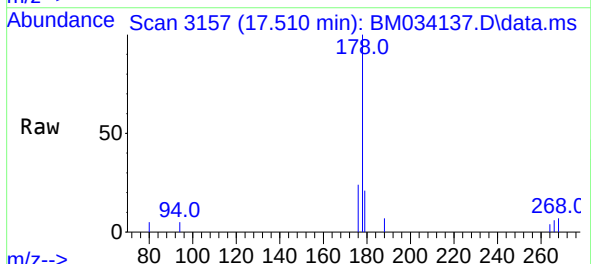
Manual Integrations
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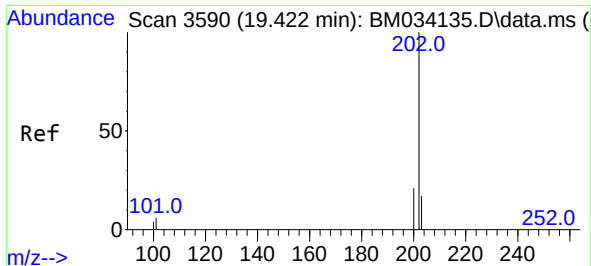
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#16
Anthracene
Concen: 0.058 ng/u1
RT: 17.510 min Scan# 3157
Delta R.T. 0.004 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

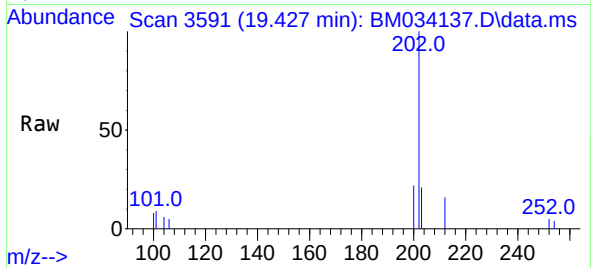
Tgt Ion:178 Resp: 1643
Ion Ratio Lower Upper
178 100
179 21.3 16.5 24.7
176 24.4 18.3 27.5





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.427 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

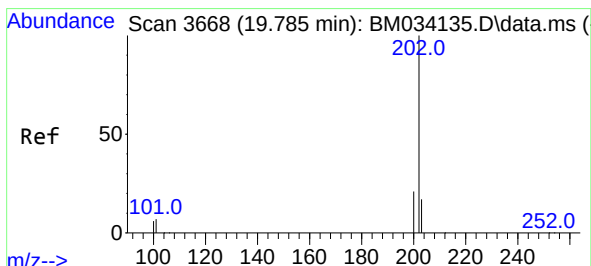
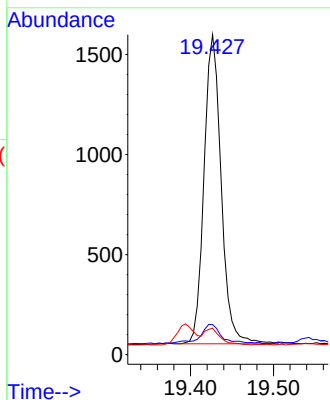
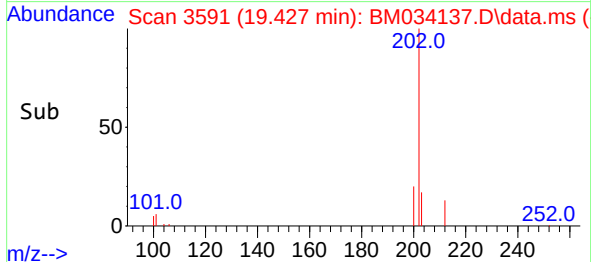
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MDL-WATER-QT1-2022-02



Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	9.2	13.8
100	8.3	7.2	10.8

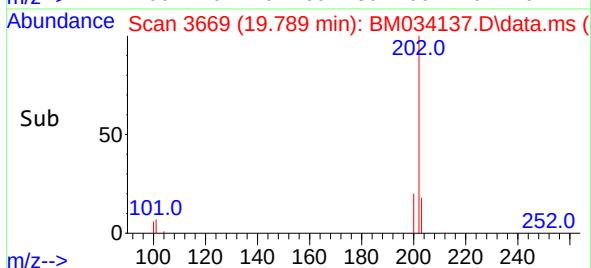
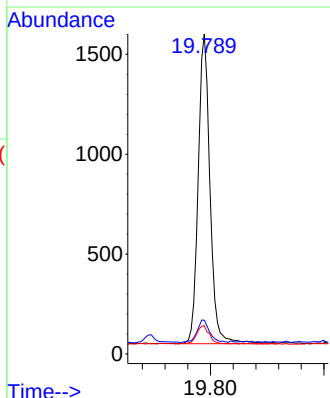
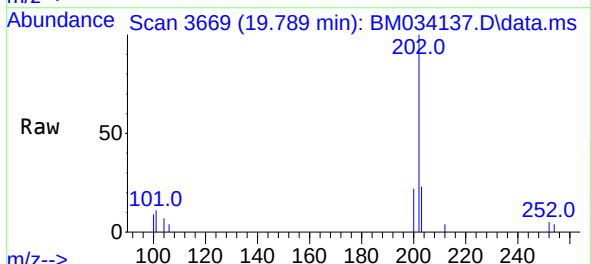
Manual Integrations
APPROVED

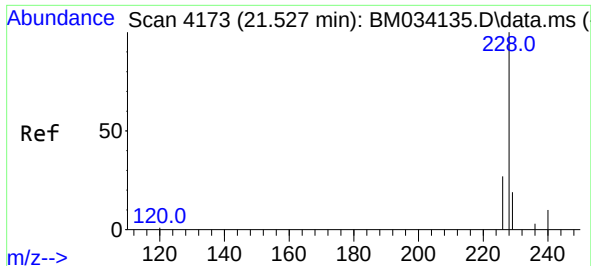
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#20
Pyrene
Concen: 0.069 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

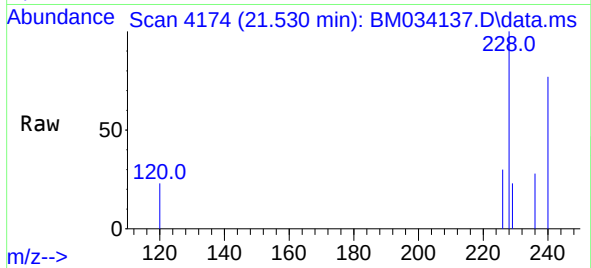
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.3	13.9
100	8.9	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.063 ng/u1
RT: 21.530 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

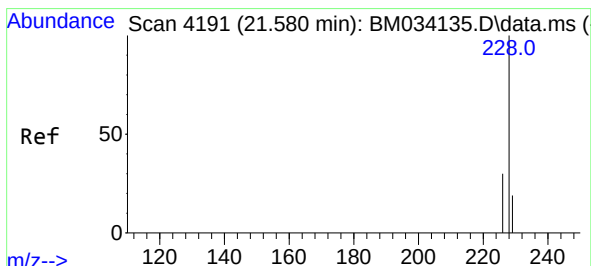
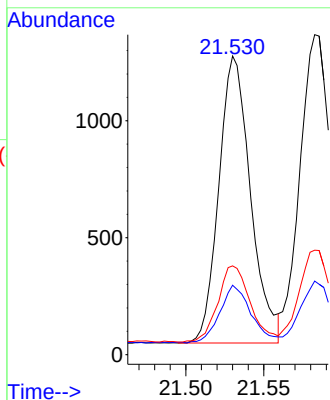
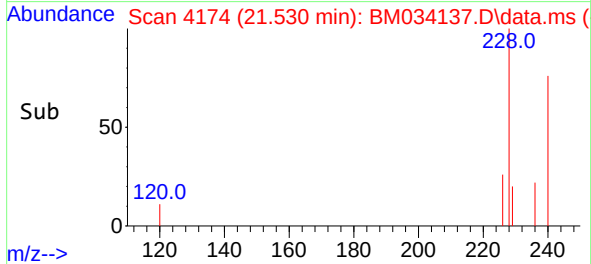
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



Tgt Ion:228 Resp: 1730
Ion Ratio Lower Upper
228 100
229 23.3 17.3 25.9
226 29.8 23.2 34.8

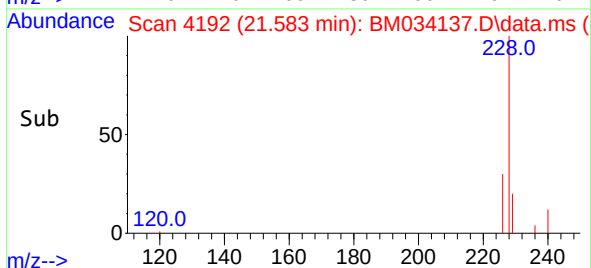
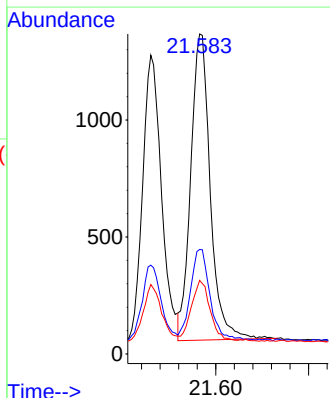
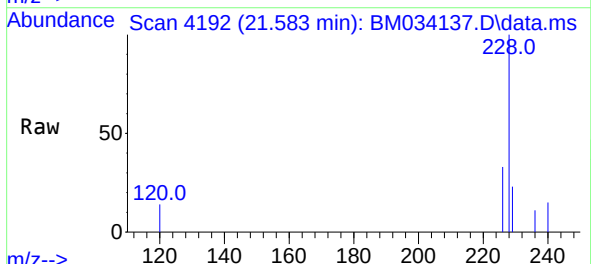
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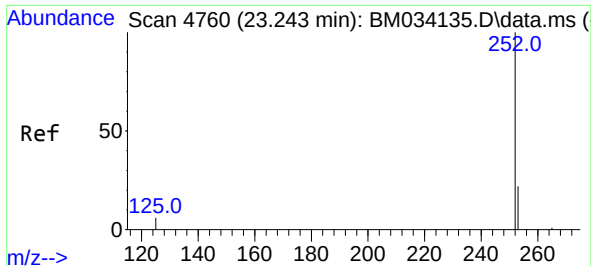
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#22
Chrysene
Concen: 0.065 ng/u1
RT: 21.583 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

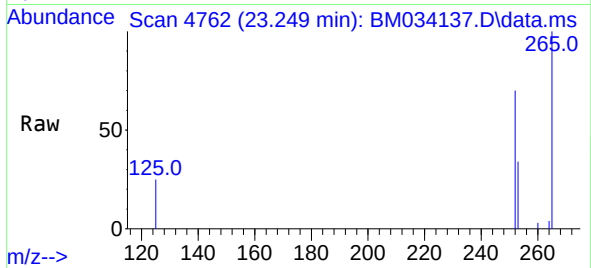
Tgt Ion:228 Resp: 1913
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 23.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.249 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

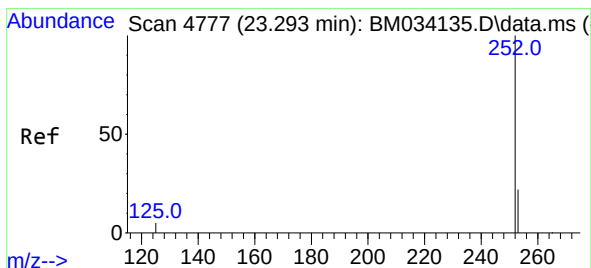
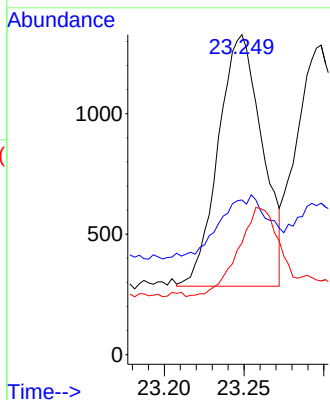
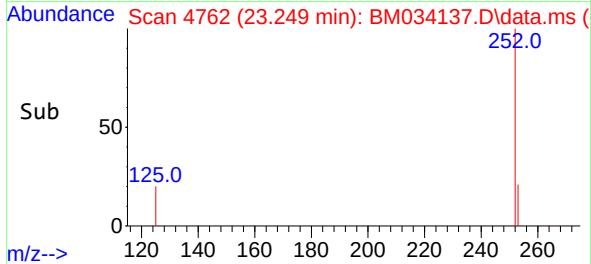
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



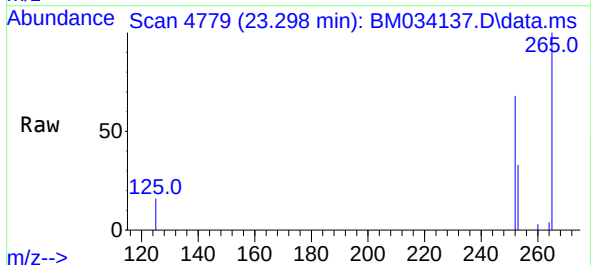
Tgt Ion:252 Resp: 2004
Ion Ratio Lower Upper
252 100
253 48.3 0.0 64.2
125 34.9 0.0 28.8

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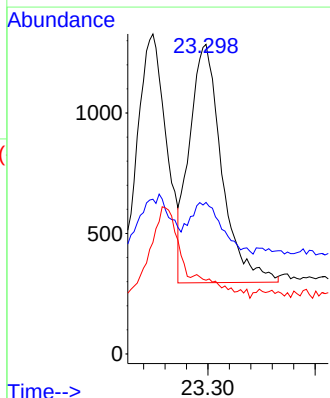
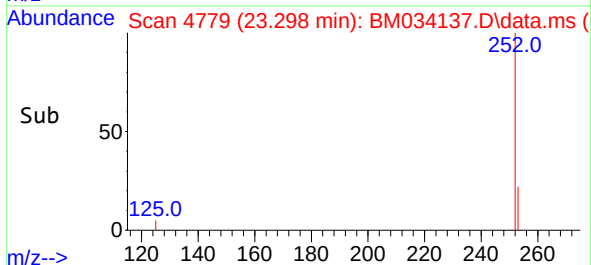
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022

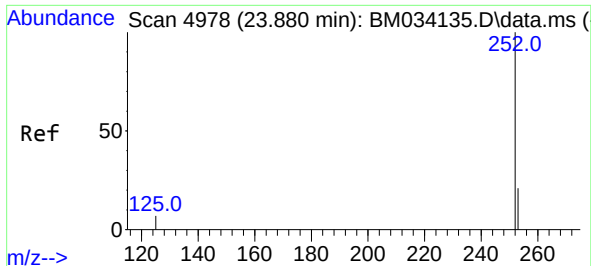


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. 0.006 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52



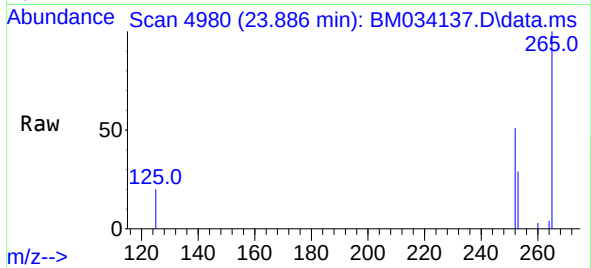
Tgt Ion:252 Resp: 2082
Ion Ratio Lower Upper
252 100
253 48.9 26.8 40.2#
125 23.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.886 min Scan# 4980
Delta R.T. 0.003 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

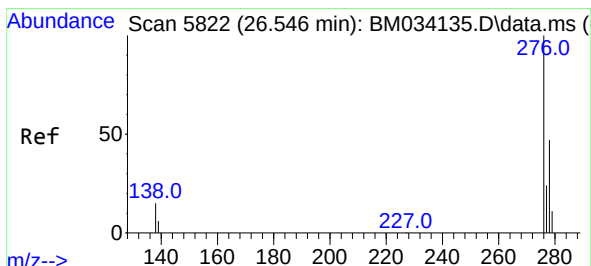
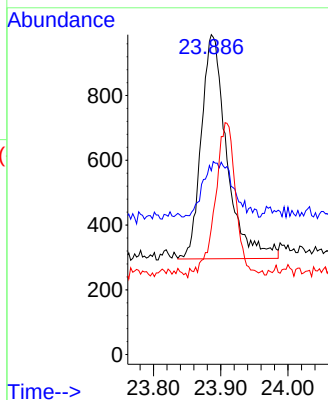
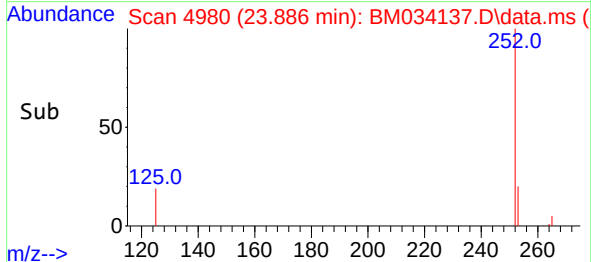
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



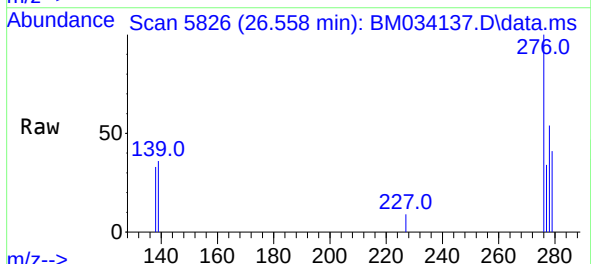
Tgt Ion:252 Resp: 182
Ion Ratio Lower Upper
252 100
253 57.5 32.0 48.0
125 39.5 14.5 21.7

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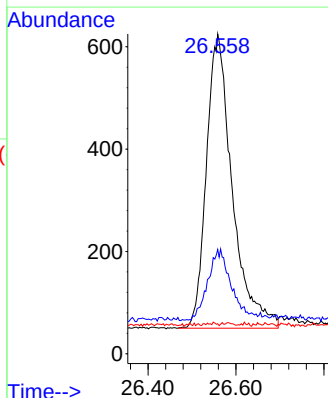
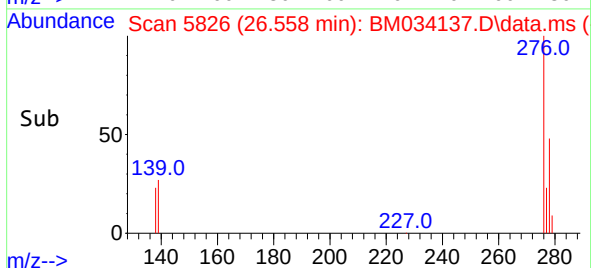
Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022

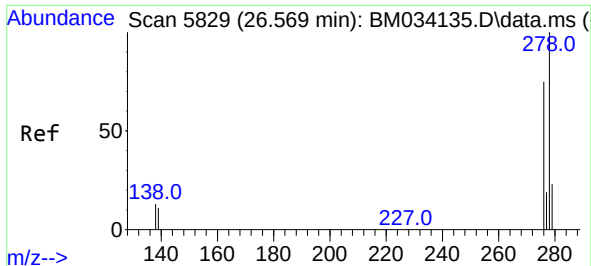


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 26.558 min Scan# 5826
Delta R.T. 0.010 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52



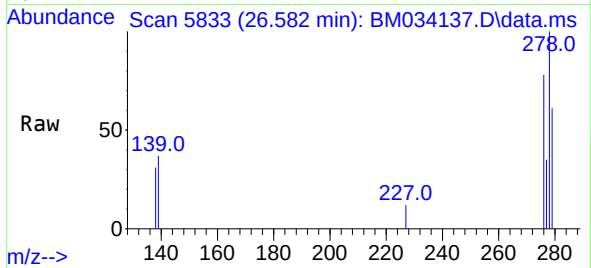
Tgt Ion:276 Resp: 2349
Ion Ratio Lower Upper
276 100
138 22.3 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.013 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52

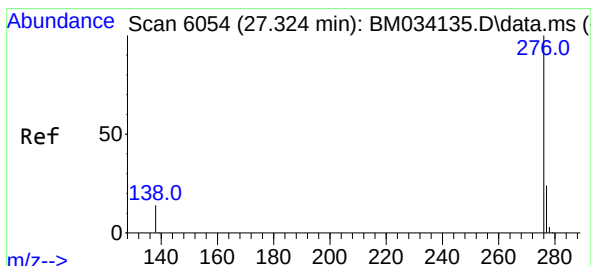
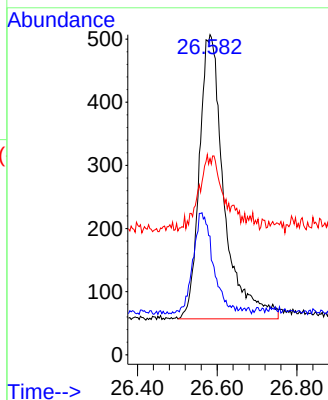
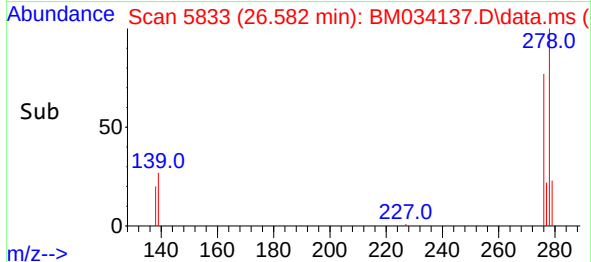
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2022-02



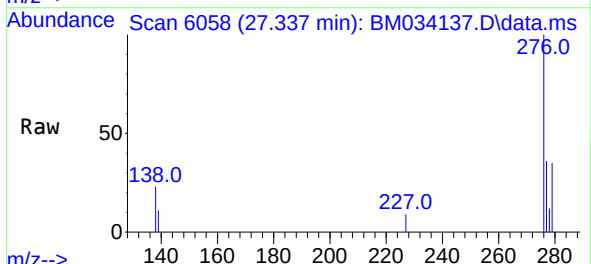
Tgt Ion:278 Resp: 193
Ion Ratio Lower Upper
278 100
139 37.1 18.0 27.0
279 61.3 28.6 42.8

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Reviewed By :Jagrut Upadhyay 03/07/2022
Supervised By :mohammad ahmed 03/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.337 min Scan# 6058
Delta R.T. 0.003 min
Lab File: BM034137.D
Acq: 07 Mar 2022 11:52



Tgt Ion:276 Resp: 2090
Ion Ratio Lower Upper
276 100
138 22.6 17.4 26.0
277 35.8 22.6 33.8

