

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090622\
 Data File : BM036498.D
 Acq On : 06 Sep 2022 12:06
 Operator : CG/JU
 Sample : N3670-01
 Misc : SFAM-SIM-MDL-WATER01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Sep 06 13:40:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 17:45:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	3405	0.400	ng/ul	0.00
4) Naphthalene-d8	10.540	136	14174	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	7198	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.137	188	12948	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	10728	0.400	ng/ul	0.00
23) Perylene-d12	23.612	264	8820	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	3953	0.799	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	6686	0.302	ng/ul	0.01
18) Fluoranthene-d10	19.165	212	12737	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	422	0.090	ng/ul#	63
5) Naphthalene	10.595	128	2850	0.073	ng/ul#	92
7) 2-Methylnaphthalene	12.223	142	1605	0.068	ng/ul	97
8) 1-Methylnaphthalene	12.432	142	1517	0.063	ng/ul	100
10) Acenaphthylene	14.113	152	2162	0.079	ng/ul#	91
11) Acenaphthene	14.446	153	1780	0.074	ng/ul	97
12) Fluorene	15.455	166	1852	0.069	ng/ul#	98
14) Pentachlorophenol	16.829	266	130m	0.056	ng/ul	
15) Phenanthrene	17.179	178	2970	0.079	ng/ul#	92
16) Anthracene	17.289	178	2146	0.068	ng/ul#	85
19) Fluoranthene	19.193	202	3222	0.084	ng/ul#	92
20) Pyrene	19.560	202	3332	0.084	ng/ul	95
21) Benzo(a)anthracene	21.312	228	2088	0.064	ng/ul	95
22) Chrysene	21.359	228	2833	0.078	ng/ul	97
24) Benzo(b)fluoranthene	22.922	252	2458	0.070	ng/ul	65
25) Benzo(k)fluoranthene	22.969	252	2250	0.064	ng/ul#	57
26) Benzo(a)pyrene	23.516	252	2469	0.086	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.003	276	2516	0.074	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.024	278	1947	0.067	ng/ul#	56
29) Benzo(g,h,i)perylene	26.721	276	2606	0.080	ng/ul#	87

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

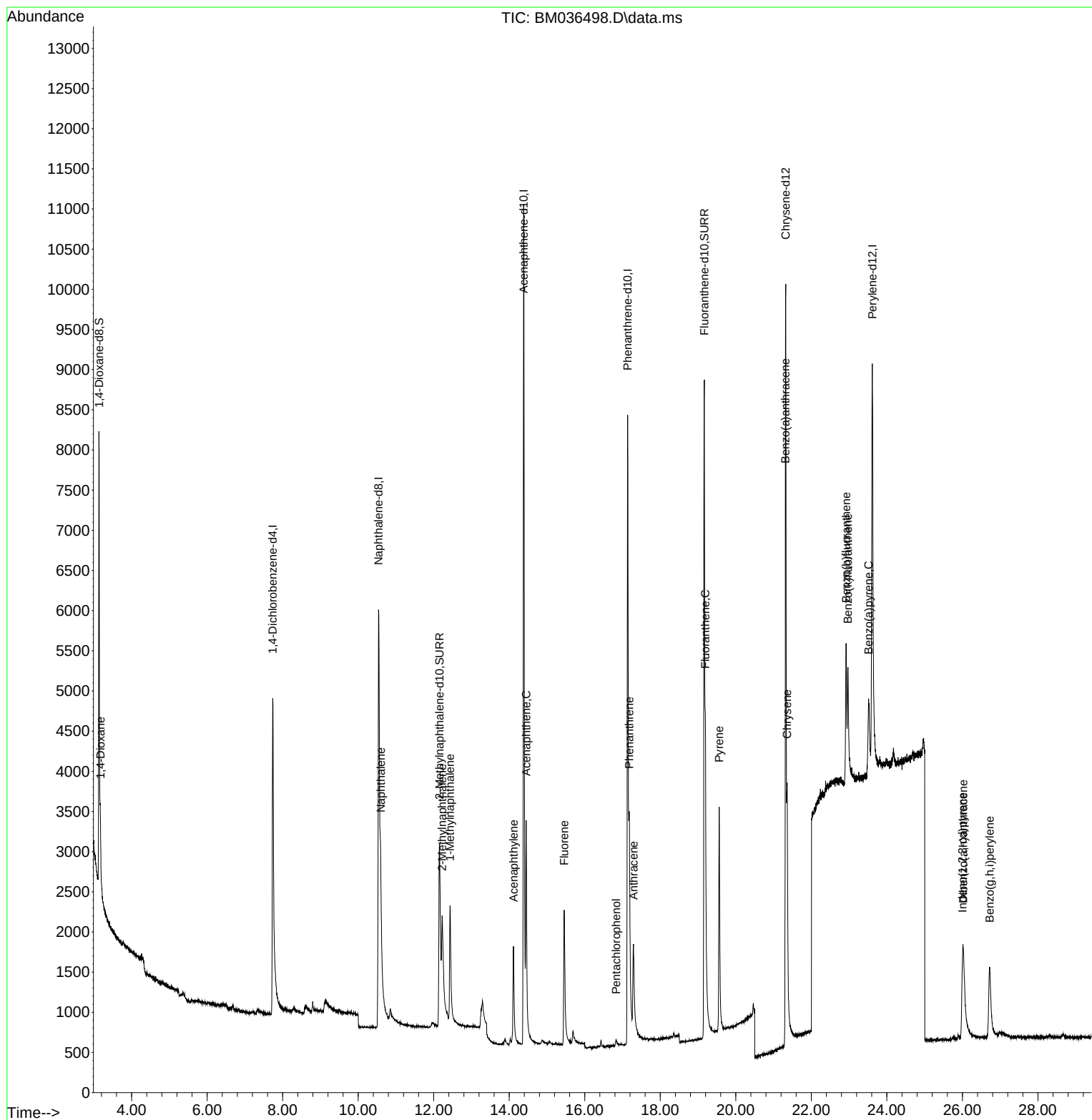
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090622\
 Data File : BM036498.D
 Acq On : 06 Sep 2022 12:06
 Operator : CG/JU
 Sample : N3670-01
 Misc : SFAM-SIM-MDL-WATER01
 ALS Vial : 4 Sample Multiplier: 1

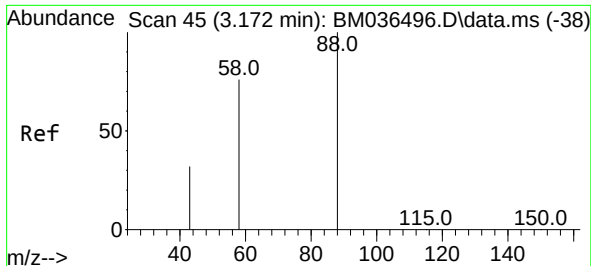
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Sep 06 13:40:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 17:45:20 2022
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Manual Integrations APPROVED

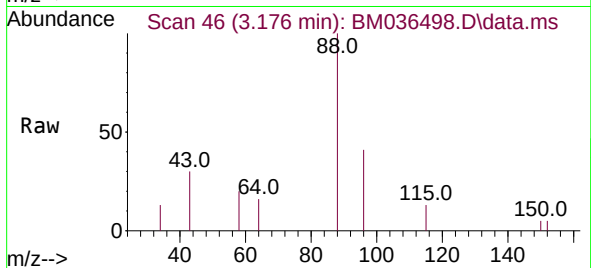
Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022





#2
1,4-Dioxane
Concen: 0.090 ng/ul
RT: 3.176 min Scan# 40
Delta R.T. -0.005 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

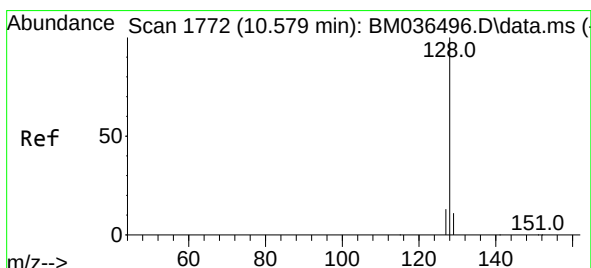
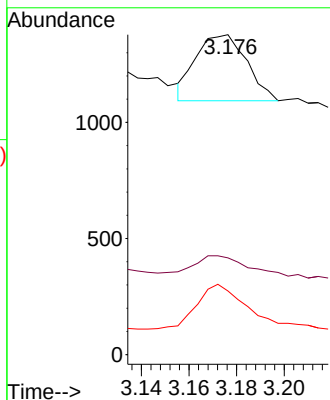
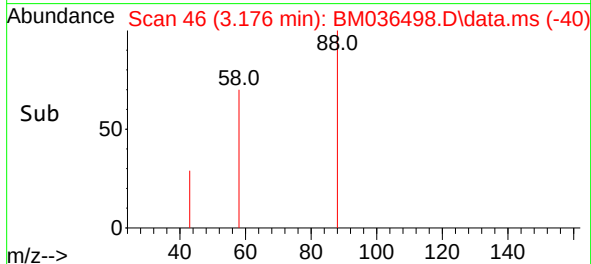
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion: 88 Resp: 422
Ion Ratio Lower Upper
88 100
43 30.3 37.8 56.6
58 19.9 42.6 63.8

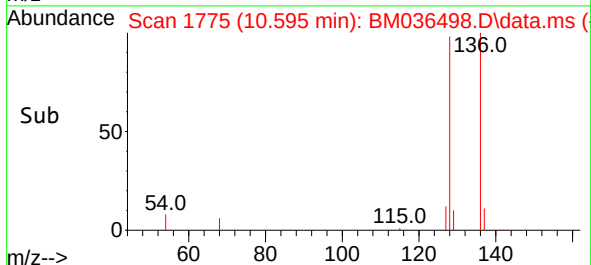
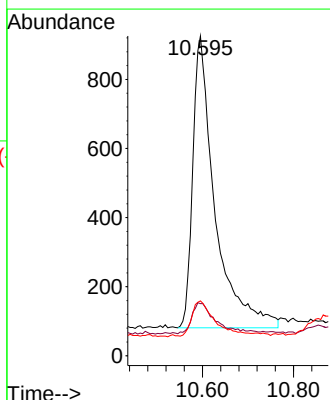
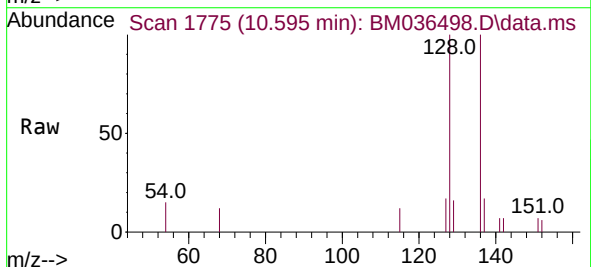
Manual Integrations
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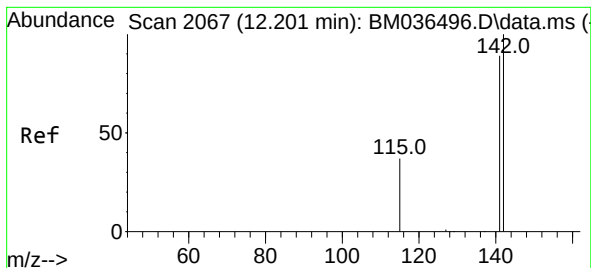
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.595 min Scan# 1775
Delta R.T. 0.005 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

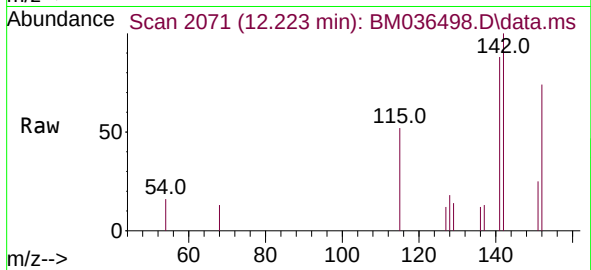
Tgt Ion:128 Resp: 2850
Ion Ratio Lower Upper
128 100
129 16.3 10.2 15.2
127 17.2 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.223 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

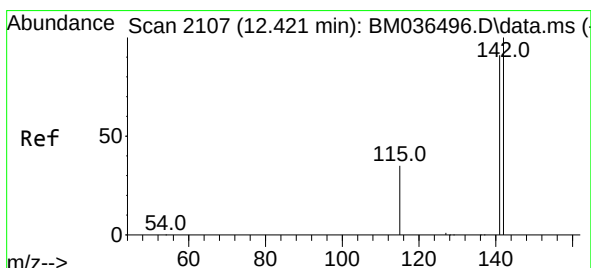
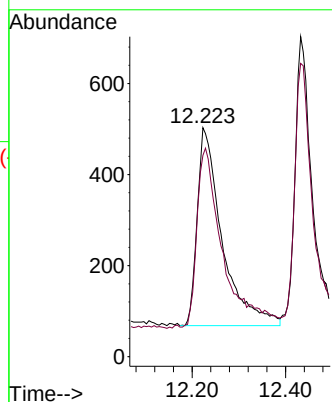
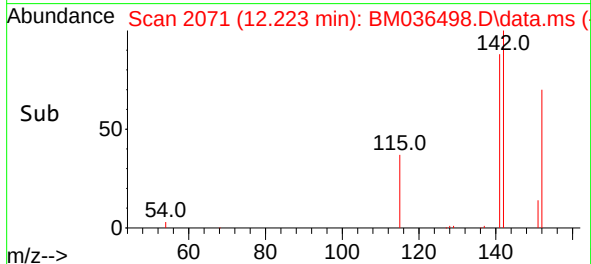
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



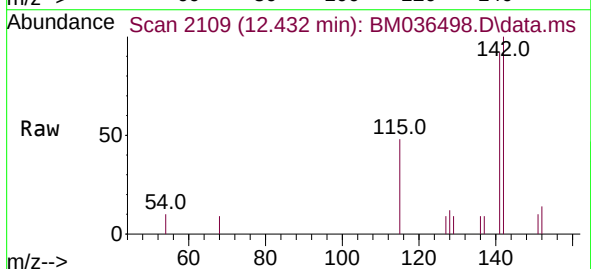
Tgt Ion:142 Resp: 1605
Ion Ratio Lower Upper
142 100
141 93.3 77.4 116.0

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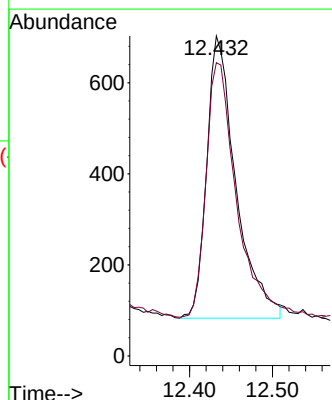
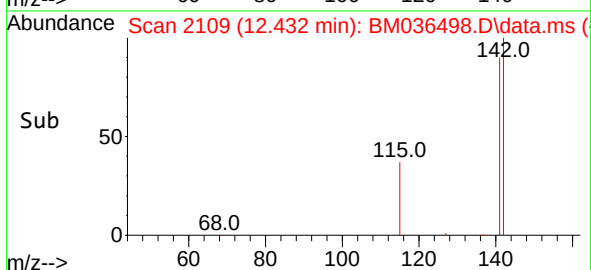
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022

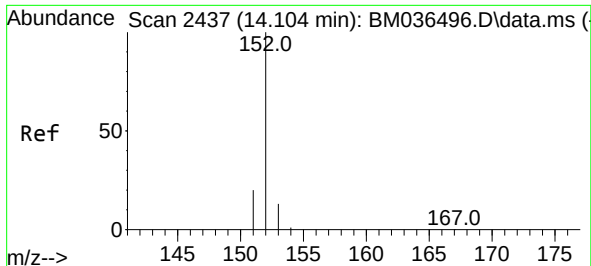


#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.432 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06



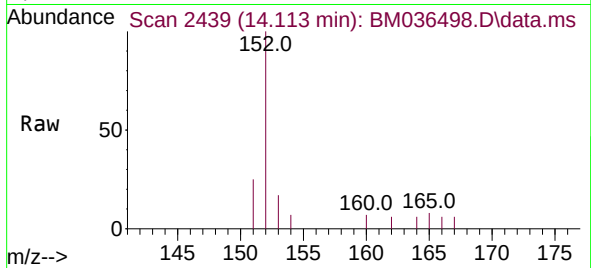
Tgt Ion:142 Resp: 1517
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.113 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

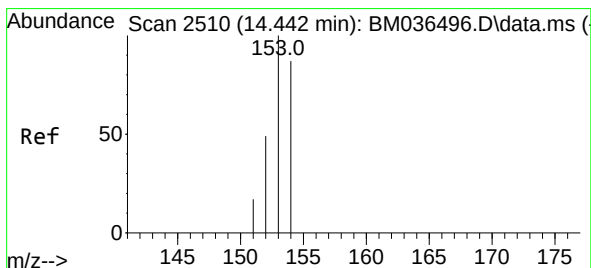
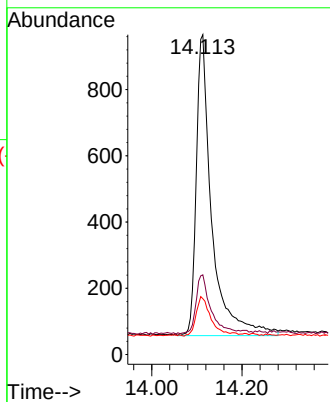
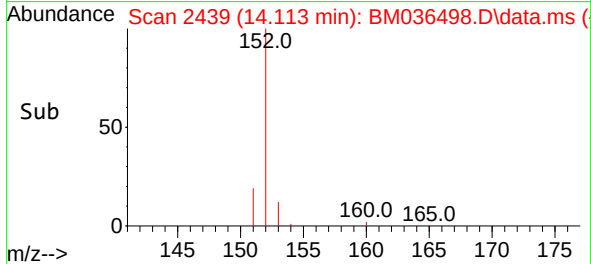
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
151 24.9 16.6 24.8
153 17.5 11.4 17.0

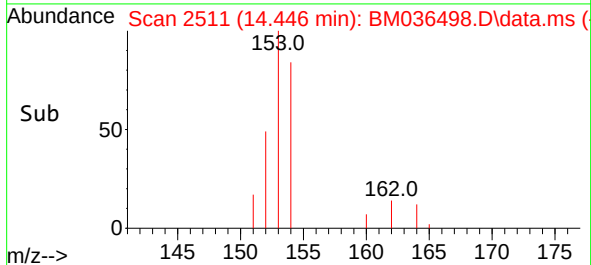
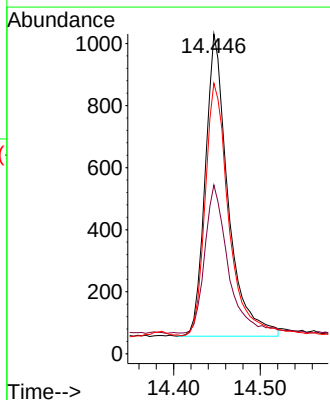
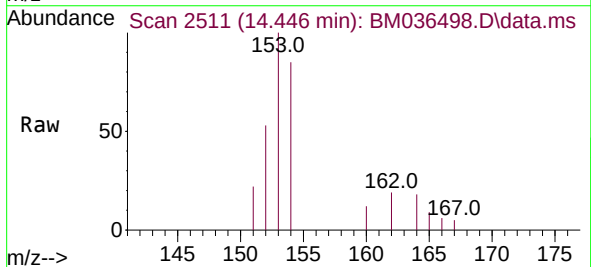
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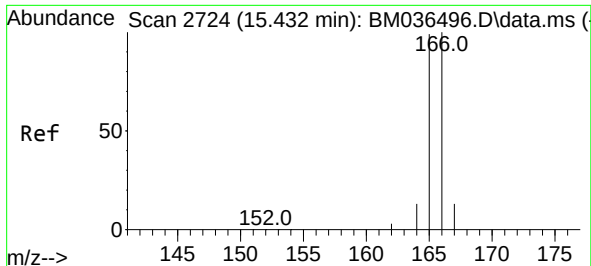
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.446 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

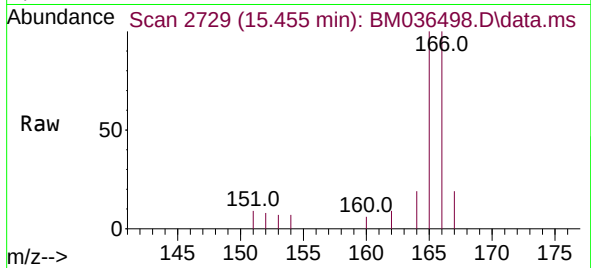
Tgt Ion:153 Resp: 1780
Ion Ratio Lower Upper
153 100
152 52.8 40.2 60.4
154 84.6 69.7 104.5





#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.455 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

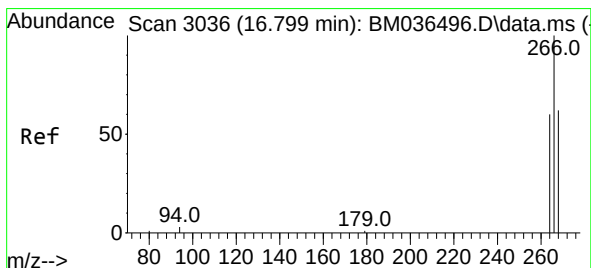
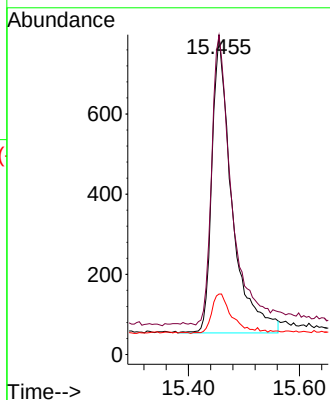
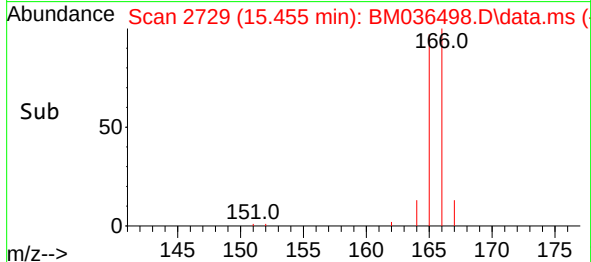
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion:166 Resp: 1852
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 18.9 11.3 16.9

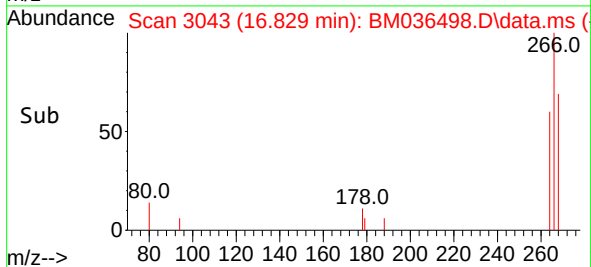
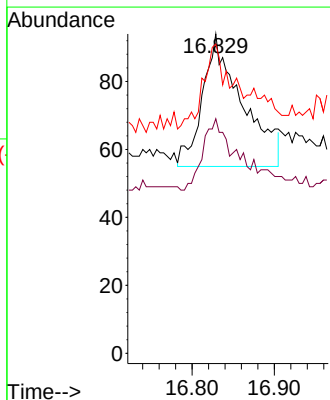
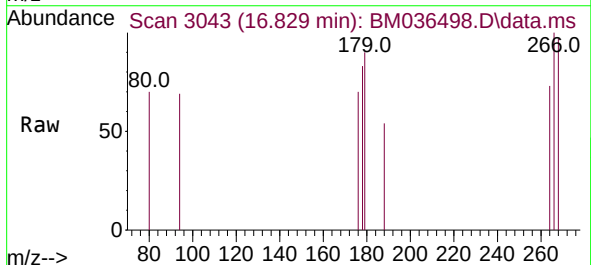
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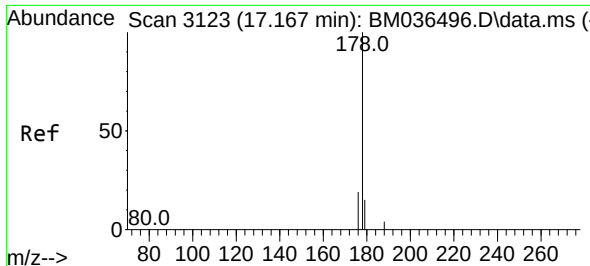
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#14
Pentachlorophenol
Concen: 0.056 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. 0.026 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

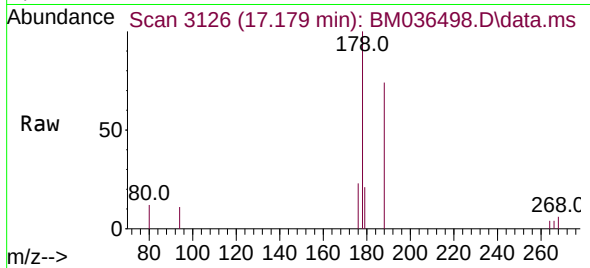
Tgt Ion:266 Resp: 130
Ion Ratio Lower Upper
266 100
264 52.3 50.3 75.5
268 57.7 53.5 80.3





#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.179 min Scan# 3123
Delta R.T. 0.004 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

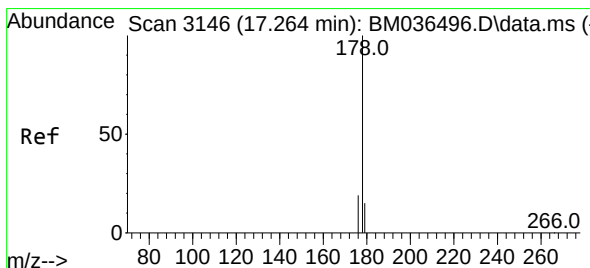
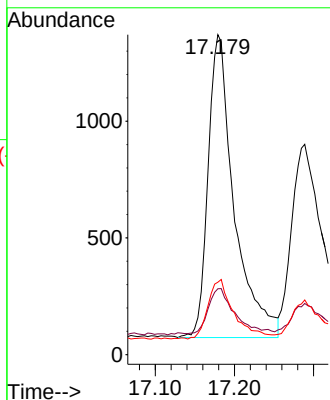
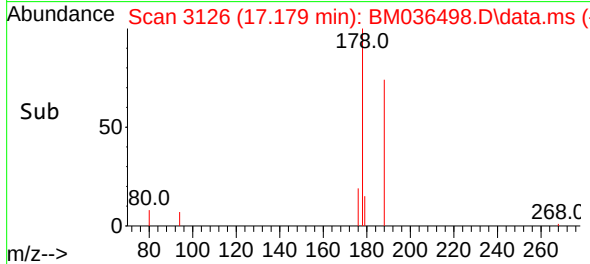
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ClientSampleId :
MDL-WATER-QT2-2022-03



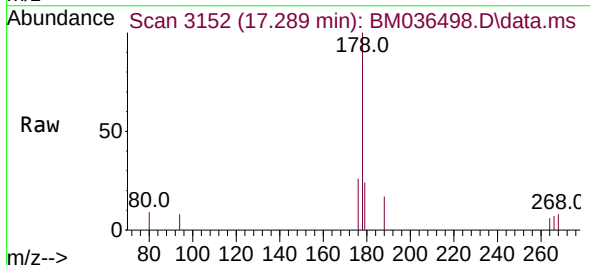
Tgt Ion:178 Resp: 2970
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.6#
176 22.6 15.6 23.4#

Manual Integrations
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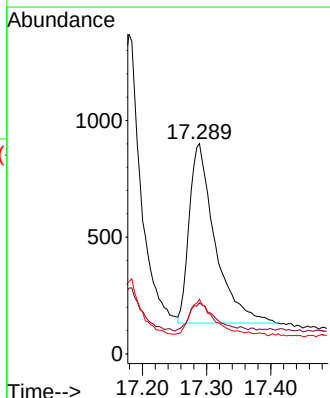
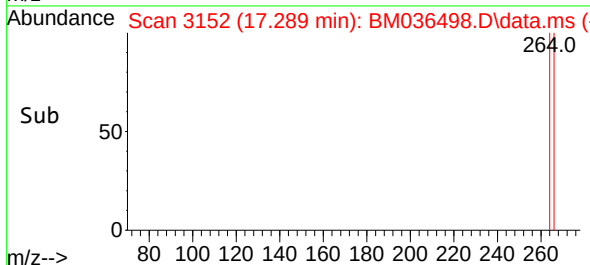
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022

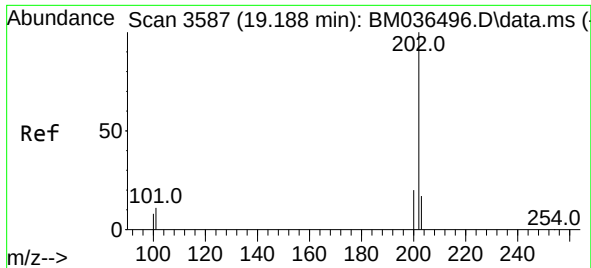


#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.289 min Scan# 3152
Delta R.T. 0.017 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06



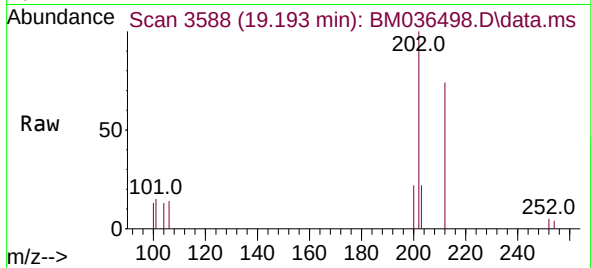
Tgt Ion:178 Resp: 2146
Ion Ratio Lower Upper
178 100
179 24.3 13.6 20.4#
176 26.0 15.6 23.4#





#19
Fluoranthene
Concen: 0.084 ng/u1
RT: 19.193 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

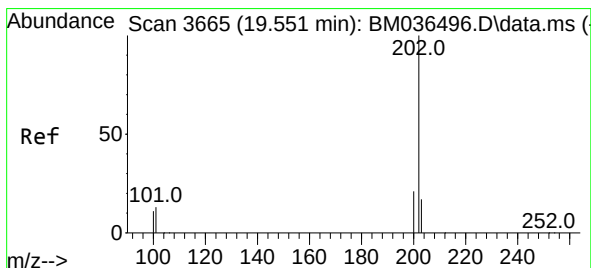
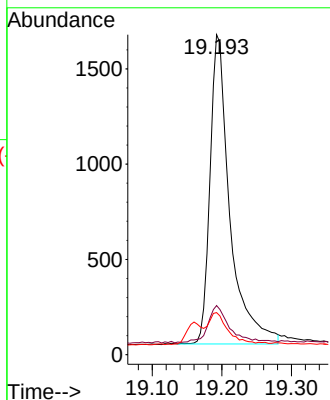
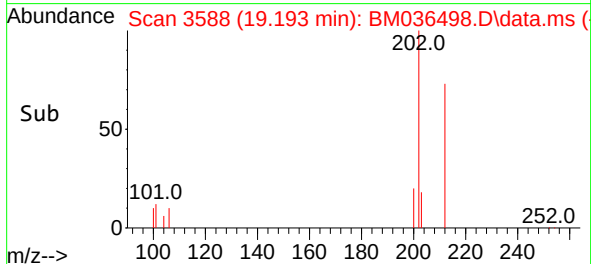
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion:202 Resp: 3222
Ion Ratio Lower Upper
202 100
101 15.4 10.1 15.1
100 13.2 7.9 11.9

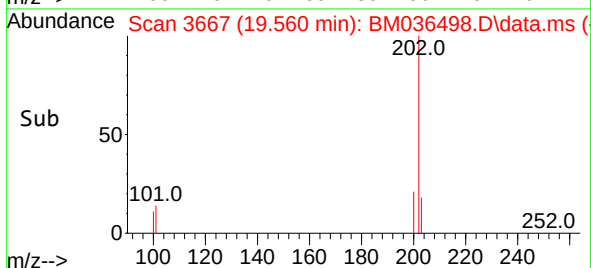
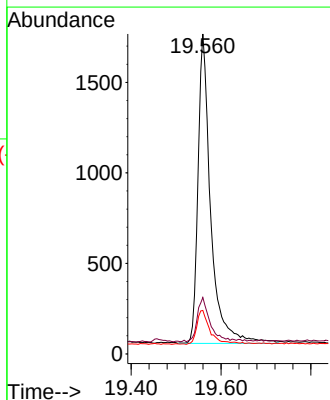
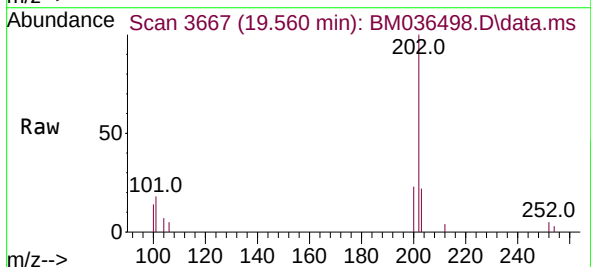
Manual Integrations
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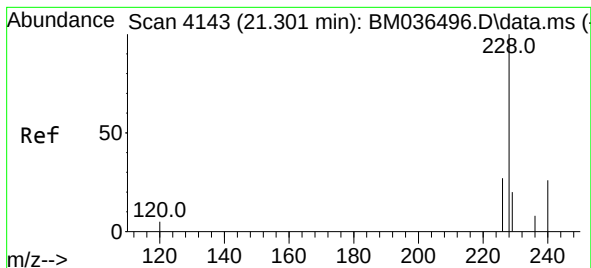
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#20
Pyrene
Concen: 0.084 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

Tgt Ion:202 Resp: 3332
Ion Ratio Lower Upper
202 100
101 17.6 12.0 18.0
100 13.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.064 ng/uI

RT: 21.312 min Scan# 4143

Delta R.T. 0.006 min

Lab File: BM036498.D

Acq: 06 Sep 2022 12:06

Instrument :

BNM

ClientSampleId :

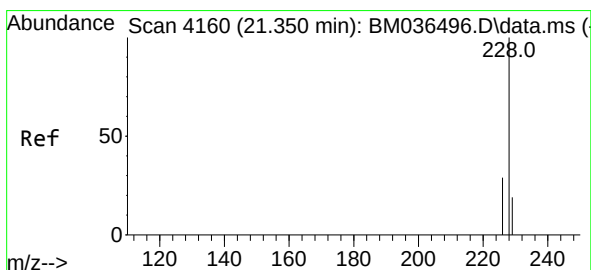
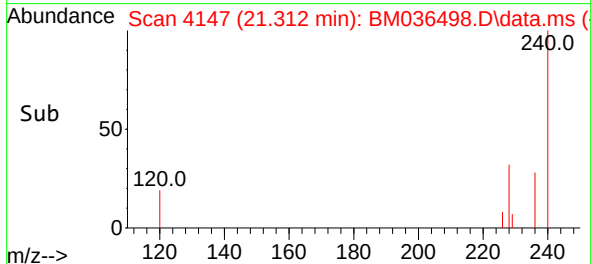
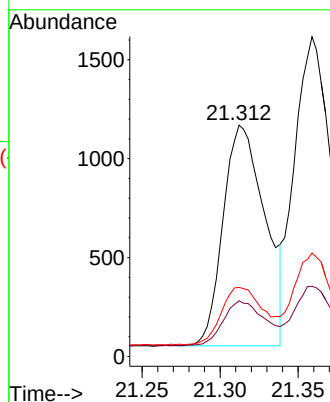
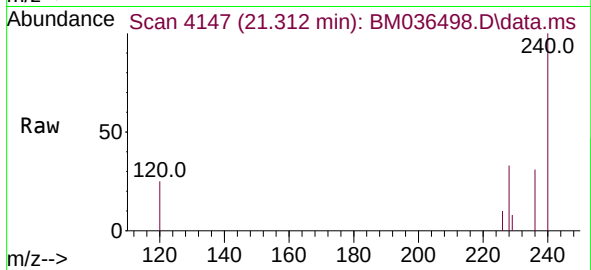
MDL-WATER-QT2-2022-03

Tgt Ion:228	Resp:	2088
Ion Ratio	Lower	Upper
228	100	
229	24.0	16.2 24.2
226	29.9	22.5 33.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#22

Chrysene

Concen: 0.078 ng/uI

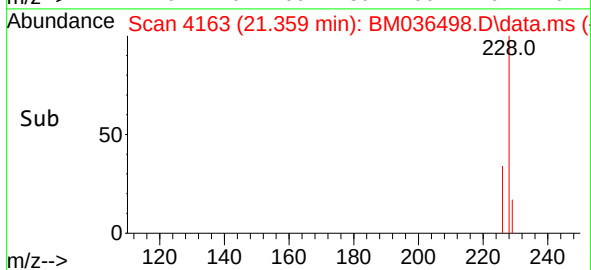
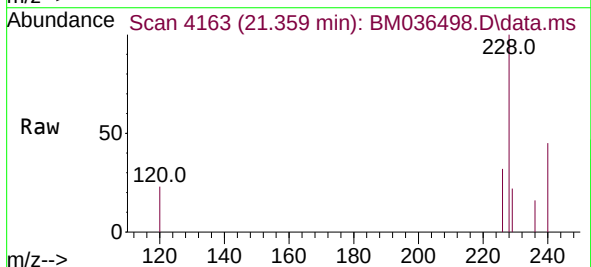
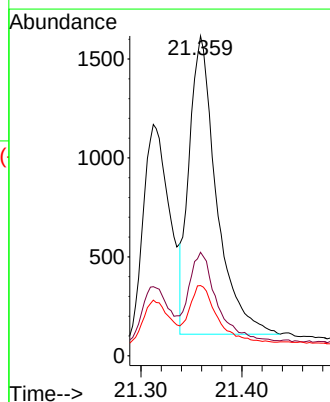
RT: 21.359 min Scan# 4163

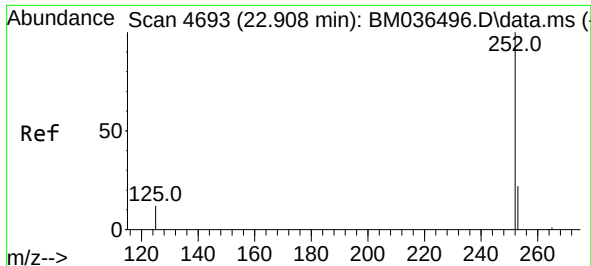
Delta R.T. -0.000 min

Lab File: BM036498.D

Acq: 06 Sep 2022 12:06

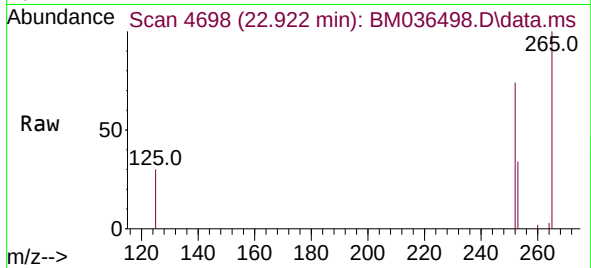
Tgt Ion:228	Resp:	2833
Ion Ratio	Lower	Upper
228	100	
226	32.3	24.6 37.0
229	22.0	16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul
RT: 22.922 min Scan# 4698
Delta R.T. 0.003 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

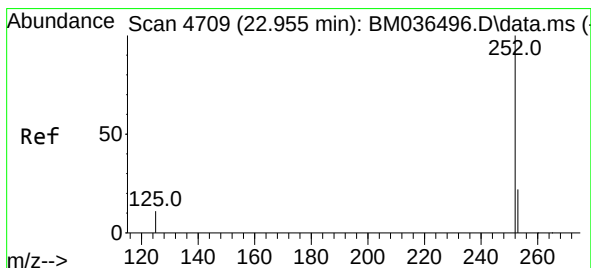
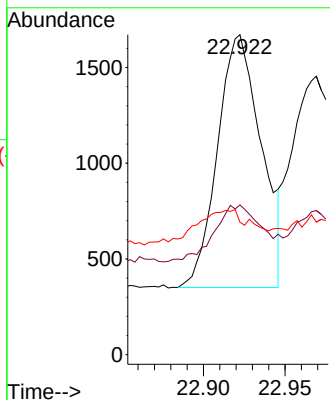
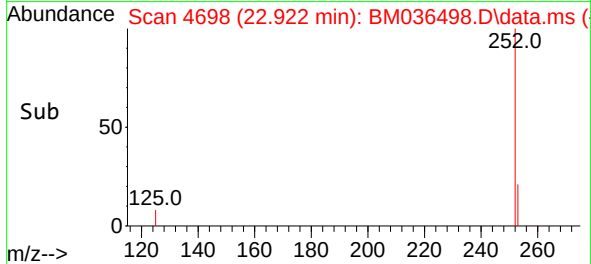
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion:252 Resp: 2458
Ion Ratio Lower Upper
252 100
253 46.8 0.0 61.4
125 41.4 0.0 42.6

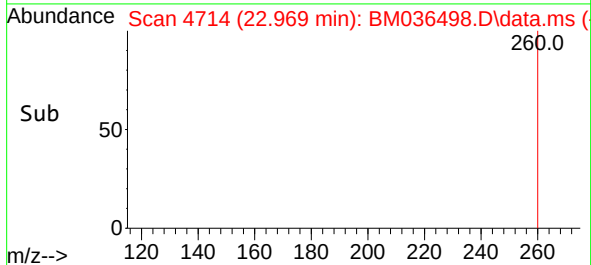
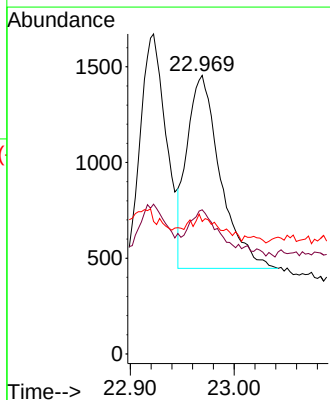
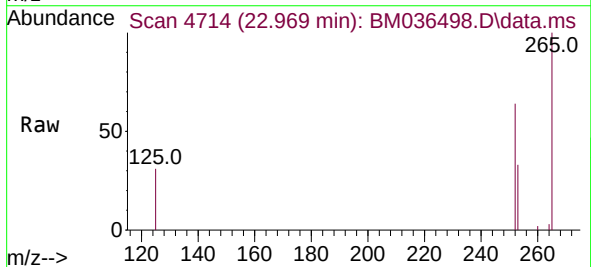
Manual Integrations
APPROVED

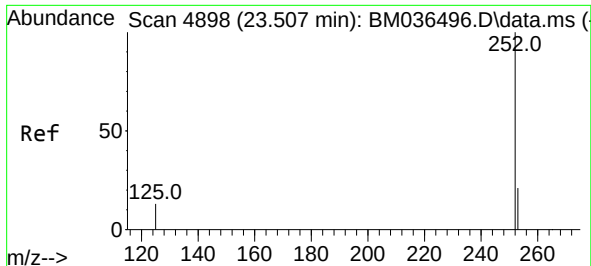
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul
RT: 22.969 min Scan# 4714
Delta R.T. 0.003 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

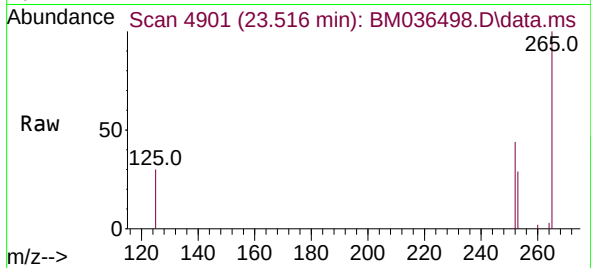
Tgt Ion:252 Resp: 2250
Ion Ratio Lower Upper
252 100
253 51.8 25.2 37.8#
125 47.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.516 min Scan# 4901
Delta R.T. -0.003 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

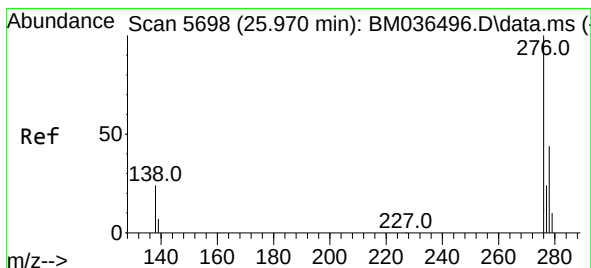
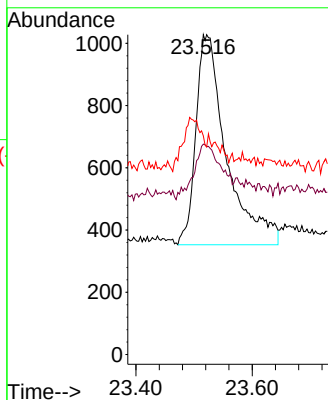
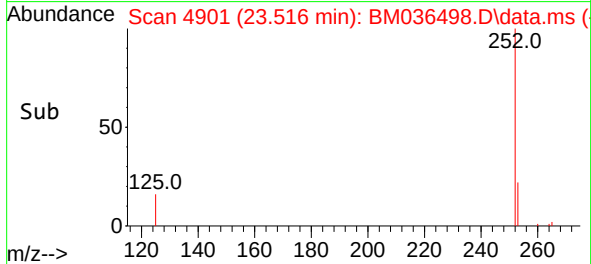
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



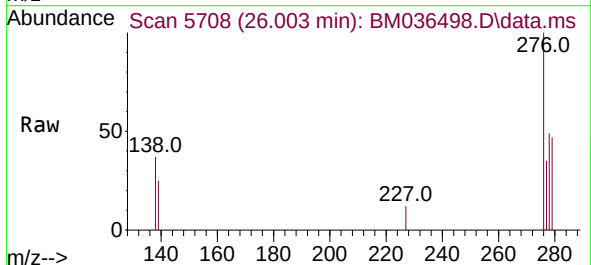
Tgt Ion:252 Resp: 2469
Ion Ratio Lower Upper
252 100
253 65.8 29.7 44.5
125 68.4 23.6 35.4

Manual Integrations
APPROVED

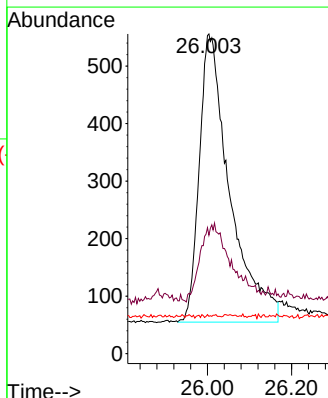
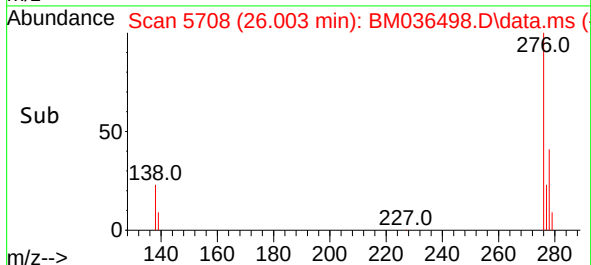
Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022

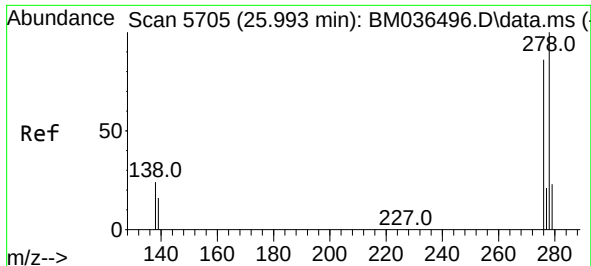


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 26.003 min Scan# 5708
Delta R.T. 0.010 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06



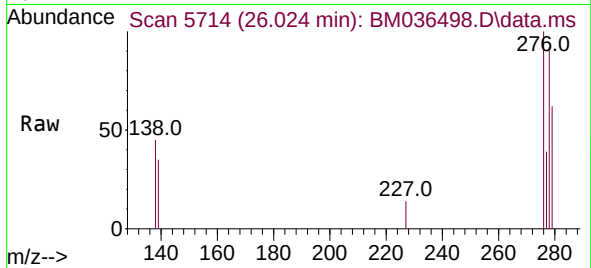
Tgt Ion:276 Resp: 2516
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.024 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06

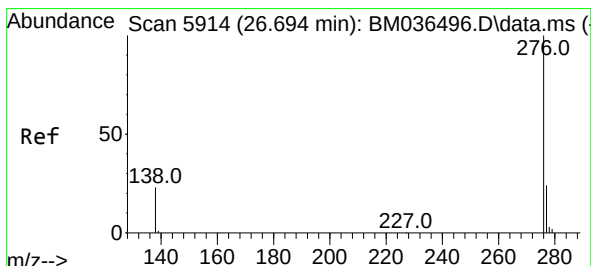
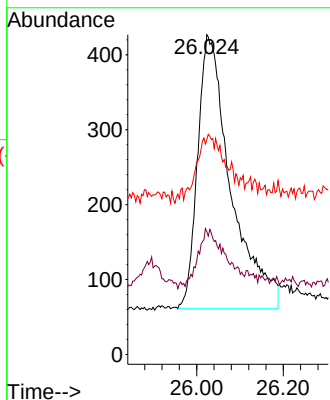
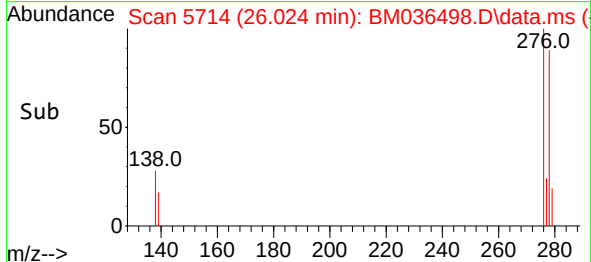
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-03



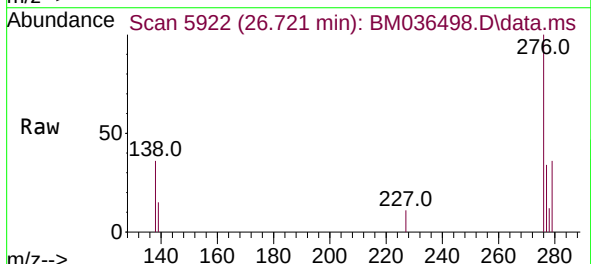
Tgt Ion: 278 Resp: 194
Ion Ratio Lower Upper
278 100
139 38.4 19.8 29.6
279 67.2 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022



#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 26.721 min Scan# 5922
Delta R.T. 0.003 min
Lab File: BM036498.D
Acq: 06 Sep 2022 12:06



Tgt Ion: 276 Resp: 2606
Ion Ratio Lower Upper
276 100
138 35.9 23.4 35.0#
277 33.5 21.0 31.4#

