Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032266.D
Acq On : 29 Sep 2021 09:31
Operator : CG/JU
Sample : M3263-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations APPROVED
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Quant Time: Sep 29 10:21:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	6568	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.442	136	19853	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.300	164	8566	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	15093	0.400	ng/ul	-0.01
17) Chrysene-d12	21.188	240	10641	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	9072	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	4798	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	8894	0.336	ng/ul	-0.01
18) Fluoranthene-d10	19.042	212	11931	0.413	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.024	88	619	0.085	ng/ul#	68
5) Naphthalene	10.492	128	4045	0.069	ng/ul	96
7) 2-Methylnaphthalene	12.107	142	2392	0.063	ng/ul	98
8) 1-Methylnaphthalene	12.331	142	2343	0.064	ng/ul	99
10) Acenaphthylene	14.012	152	2665	0.078	ng/ul	95
11) Acenaphthene	14.361	153	2183	0.069	ng/ul	98
12) Fluorene	15.343	166	2299	0.064	ng/ul#	98
14) Pentachlorophenol	16.693	266	239	0.063	ng/ul	96
15) Phenanthrene	17.064	178	3424	0.070	ng/ul#	93
16) Anthracene	17.154	178	2668m	0.066	ng/ul	
19) Fluoranthene	19.076	202	3451	0.078	ng/ul	96
20) Pyrene	19.435	202	3364	0.076	ng/ul	95
21) Benzo(a)anthracene	21.171	228	2693	0.072	ng/ul	94
22) Chrysene	21.222	228	3253	0.074	ng/ul	95
24) Benzo(b)fluoranthene	22.704	252	3388	0.072	ng/ul#	47
25) Benzo(k)fluoranthene	22.745	252	3178	0.070	ng/ul#	38
26) Benzo(a)pyrene	23.256	252	2451	0.069	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	25.488	276	3252	0.072	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.495	278	2504	0.068	ng/ul#	62
29) Benzo(g,h,i)perylene	26.152	276	3150	0.074	ng/ul#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032266.D
Acq On : 29 Sep 2021 09:31
Operator : CG/JU
Sample : M3263-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Sep 29 10:21:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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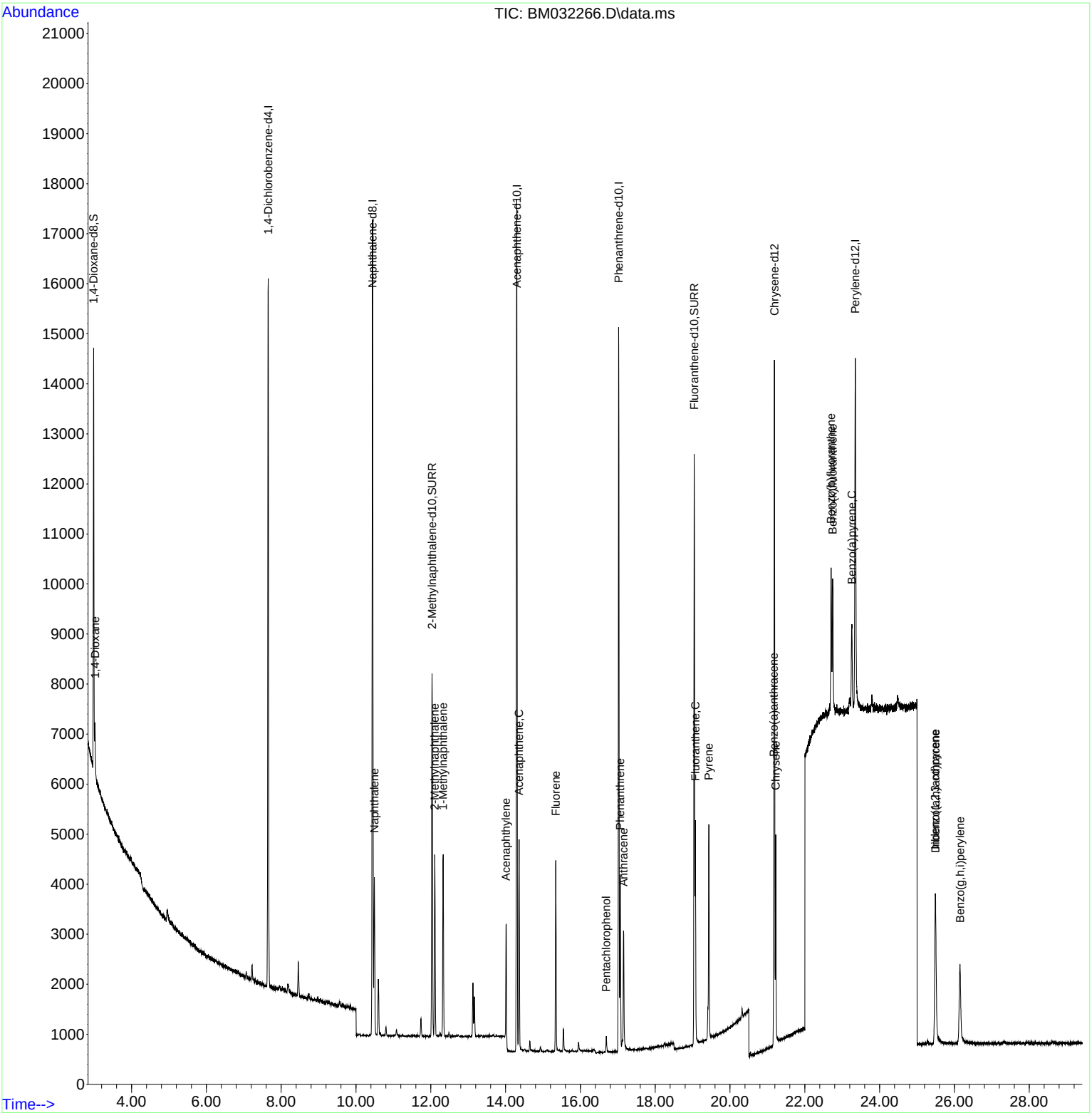
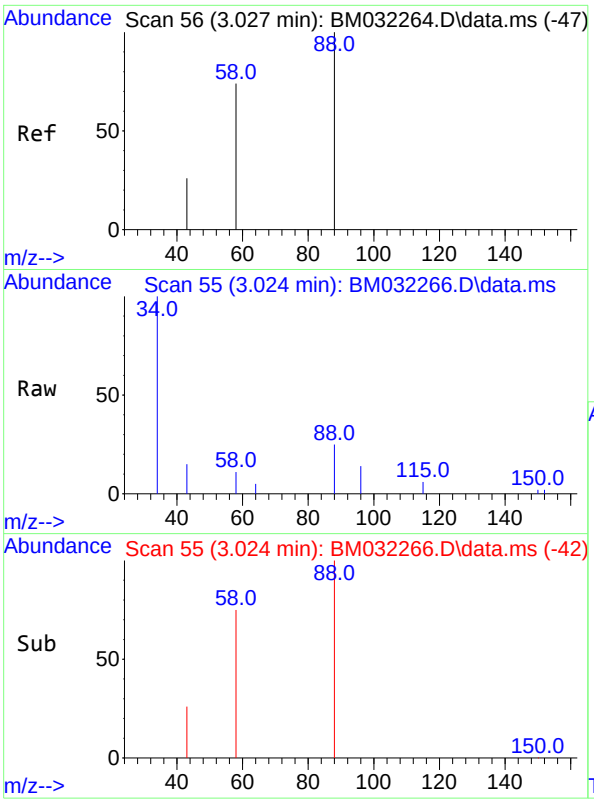
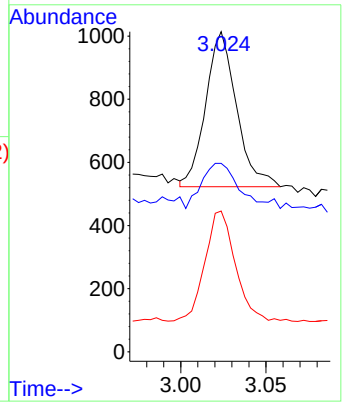




#2
1,4-Dioxane
Concen: 0.085 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.004 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion: 88 Resp: 619

Ion	Ratio	Lower	Upper
88	100		
43	58.9	26.1	39.1#
58	44.0	50.2	75.2#



Instrument :
BNA_M
ClientSampleId :
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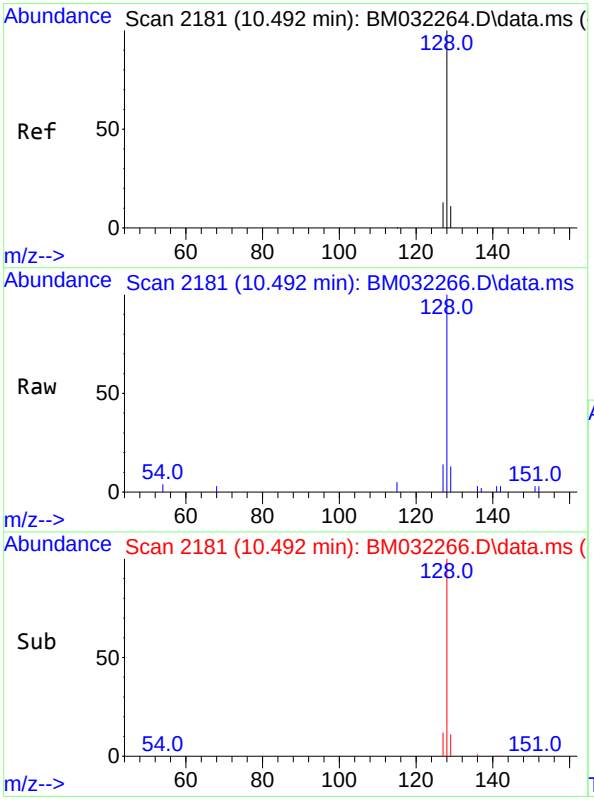
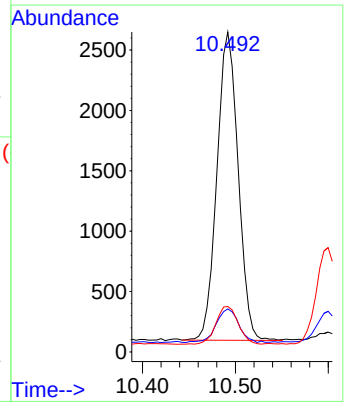
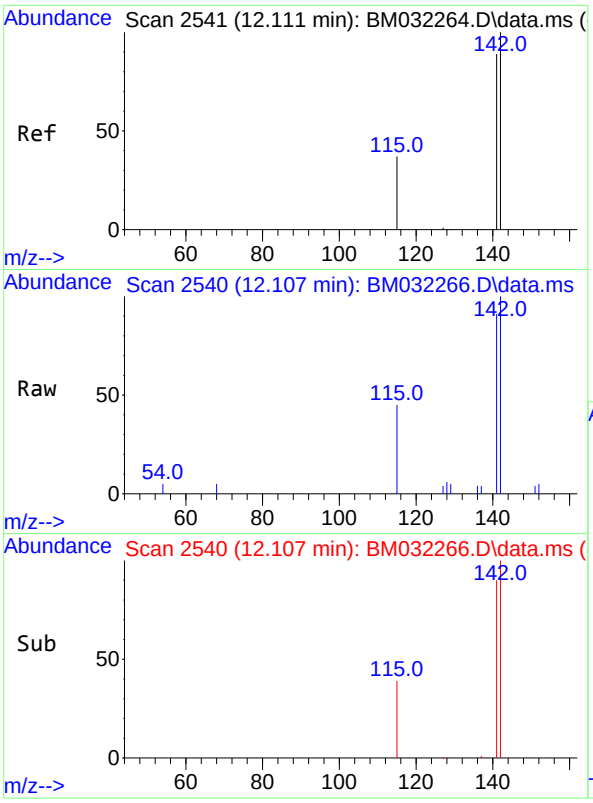


#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. -0.014 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:128 Resp: 4045

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.4
127	14.2	10.5	15.7

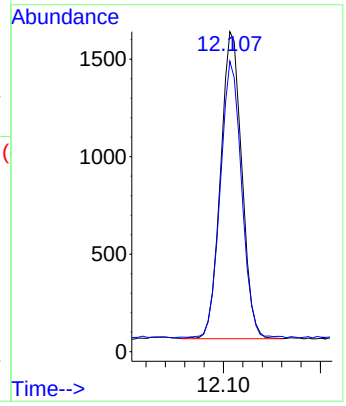


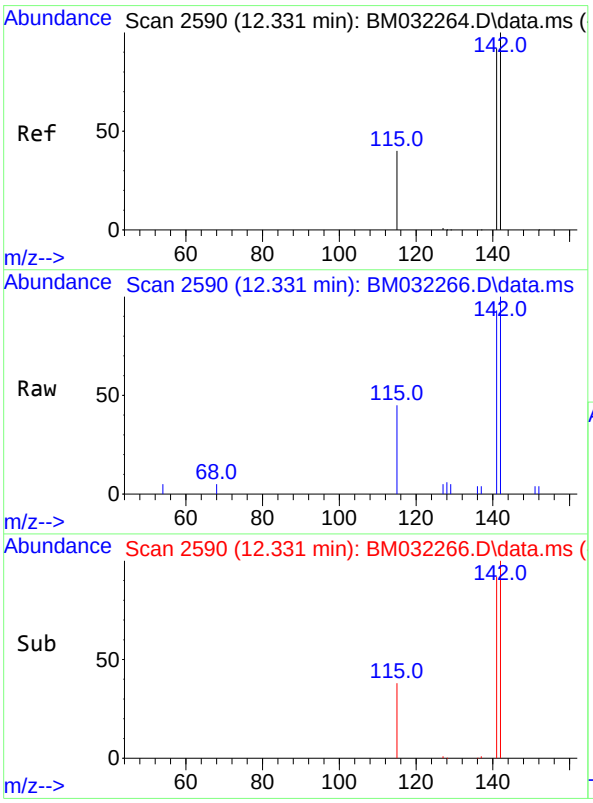


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.107 min Scan# 2540
Delta R.T. -0.014 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:142 Resp: 2392

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.2	106.8

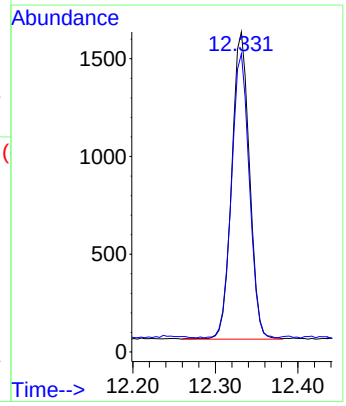




#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.331 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:142 Resp: 2343

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.8	110.6



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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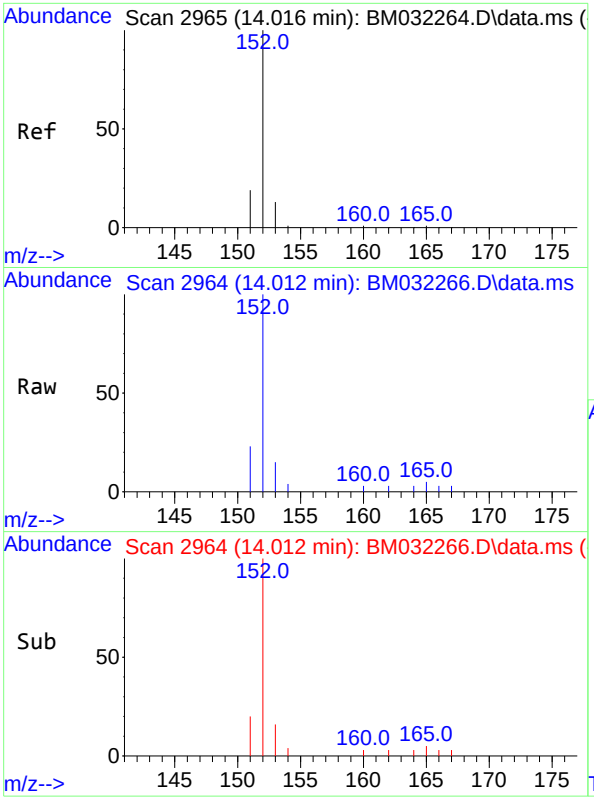
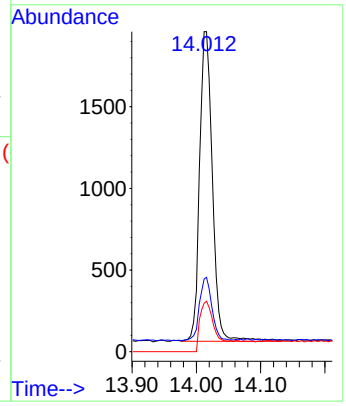
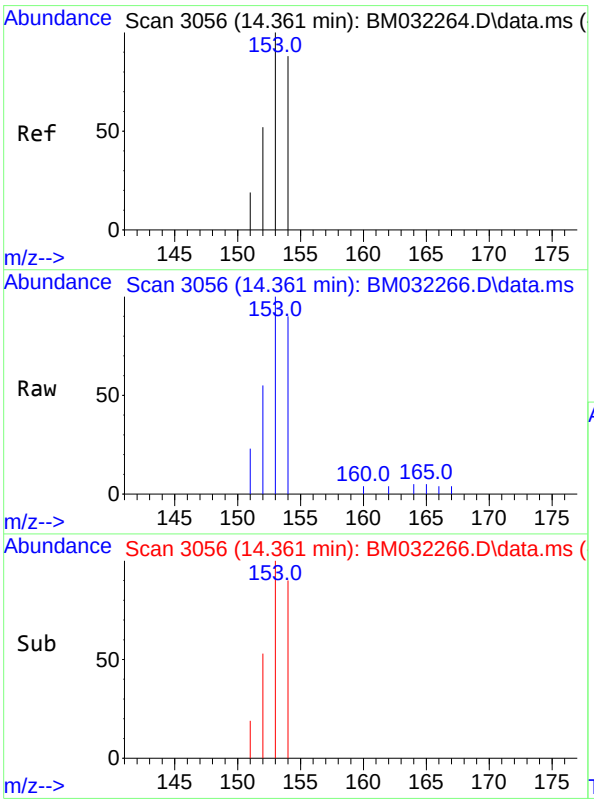


#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.012 min Scan# 2964
Delta R.T. -0.011 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:152 Resp: 2665

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.0	24.0
153	15.2	10.7	16.1

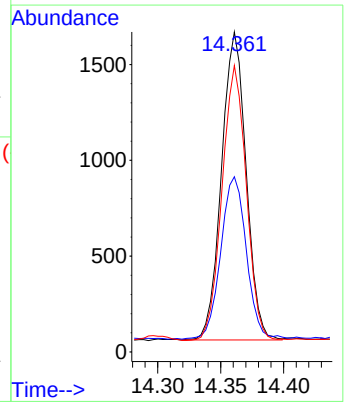




#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:153 Resp: 2183

Ion	Ratio	Lower	Upper
153	100		
152	54.7	41.6	62.4
154	89.5	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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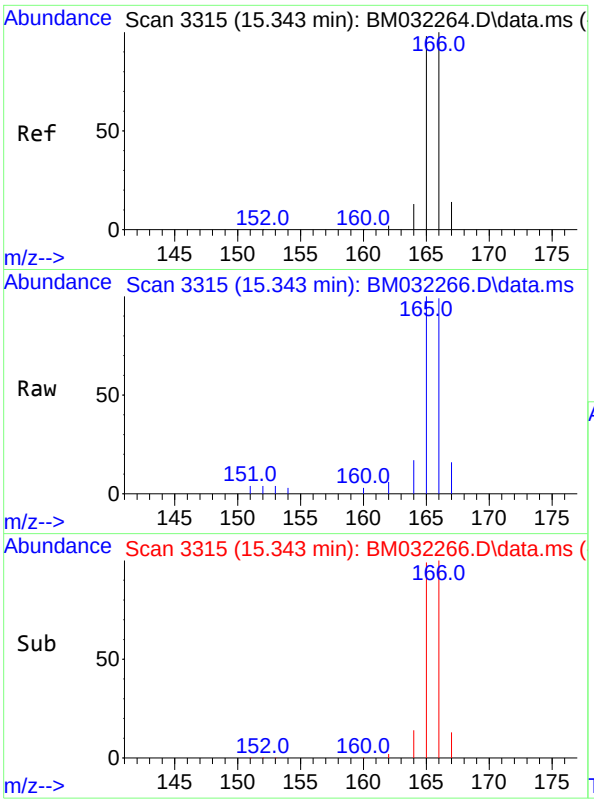
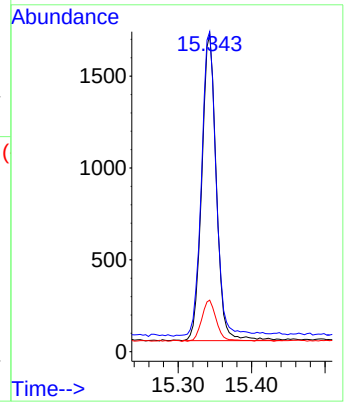


#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:166 Resp: 2299

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.4	119.2
167	16.3	10.8	16.2#



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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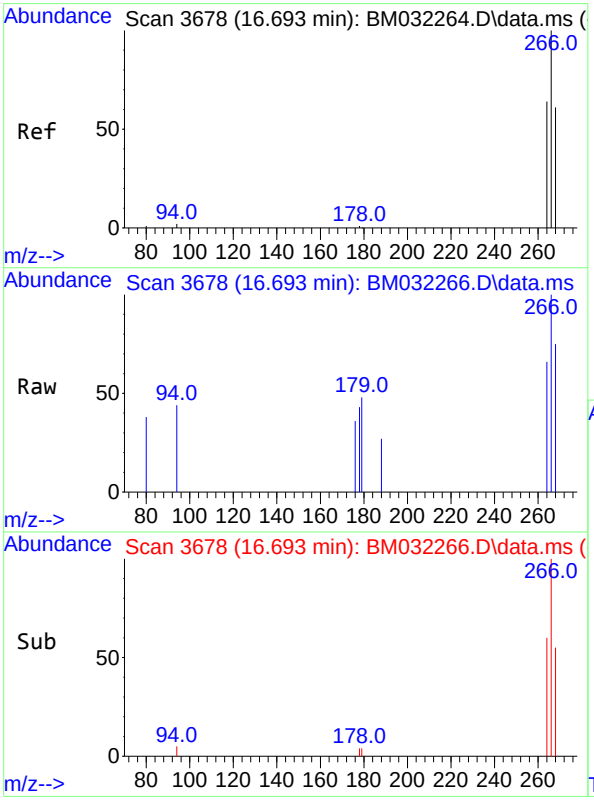
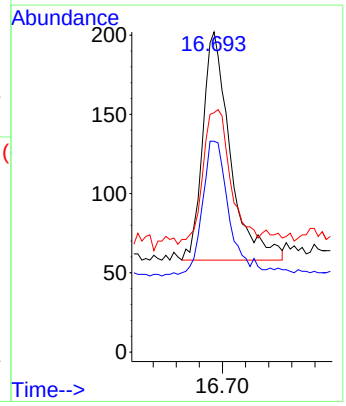
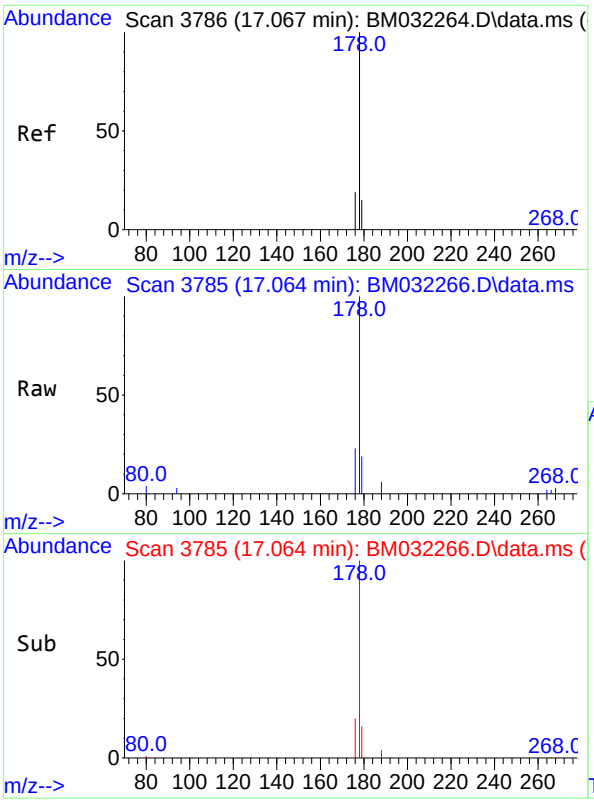


#14
Pentachlorophenol
Concen: 0.063 ng/ul
RT: 16.693 min Scan# 3678
Delta R.T. -0.007 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:266 Resp: 239

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.8	74.8
268	59.0	50.4	75.6

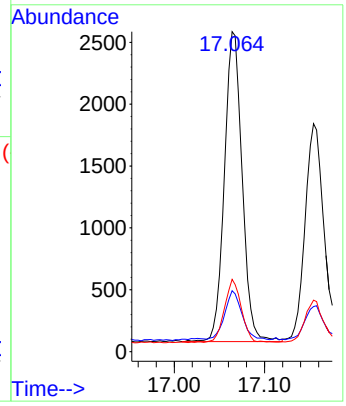


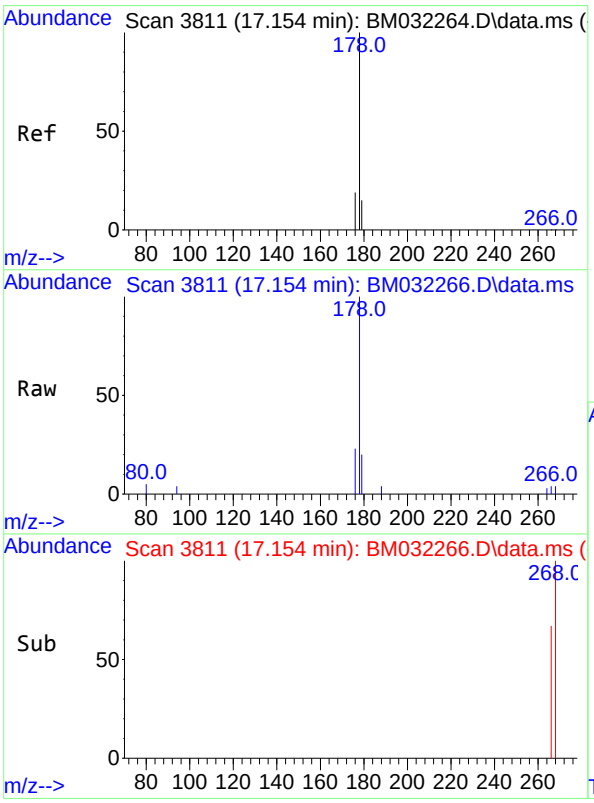


#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.011 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:178 Resp: 3424

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.6	18.8#
176	22.6	15.8	23.6

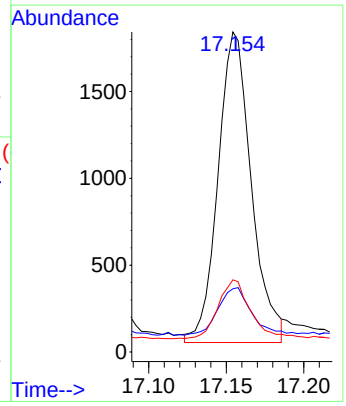




#16
Anthracene
Concen: 0.066 ng/ul m
RT: 17.154 min Scan# 3811
Delta R.T. -0.011 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:178 Resp: 2668

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.7	19.1#
176	22.6	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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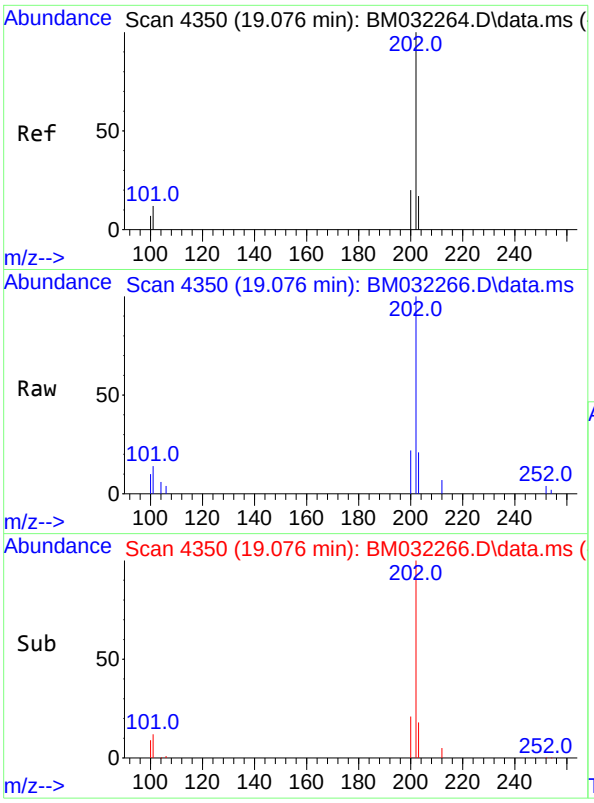
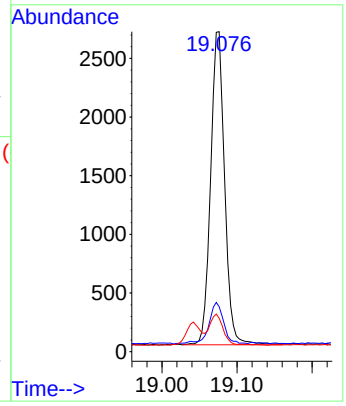


#19
Fluoranthene
Concen: 0.078 ng/ul
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:202 Resp: 3451

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
100	10.4	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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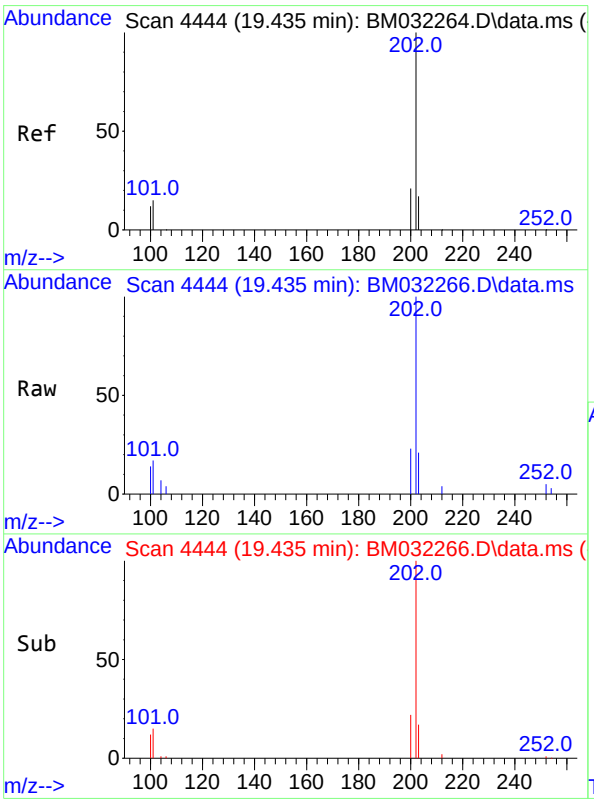
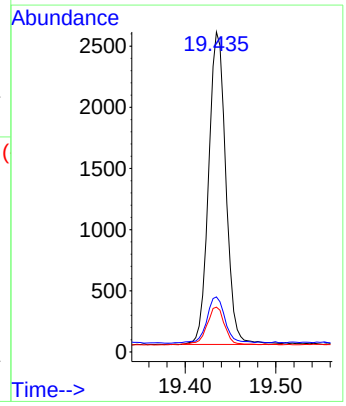
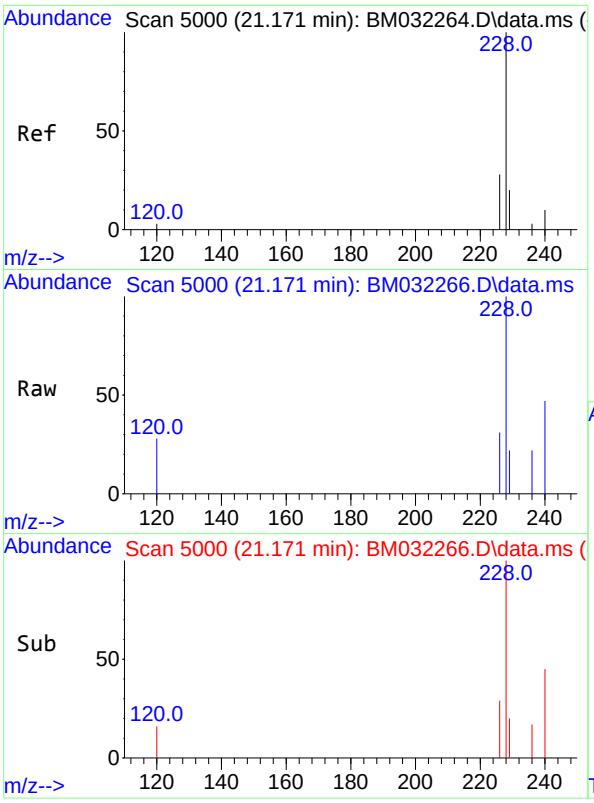


#20
Pyrene
Concen: 0.076 ng/ul
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:202 Resp: 3364

Ion	Ratio	Lower	Upper
202	100		
101	17.2	12.1	18.1
100	14.0	9.8	14.6

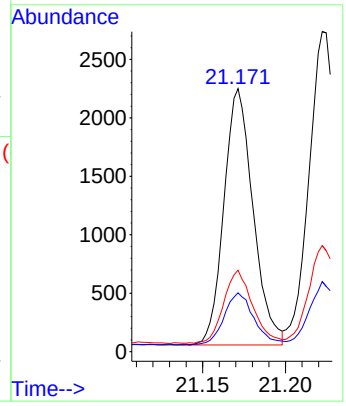


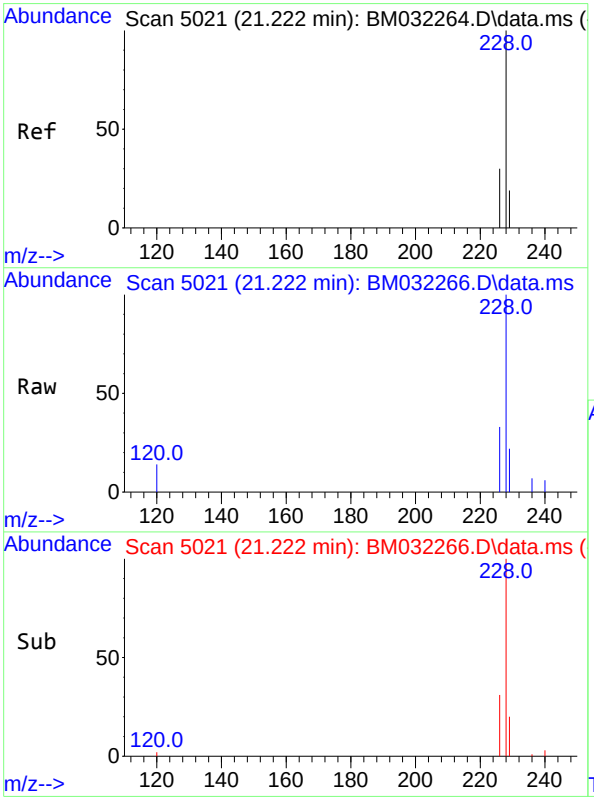


#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:228 Resp: 2693

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	31.0	22.3	33.5

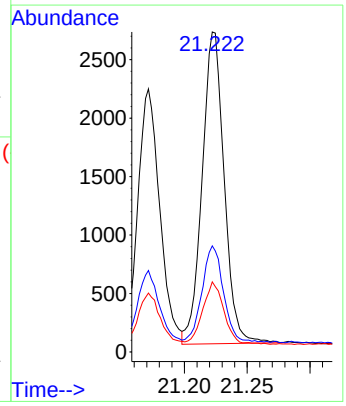




#22
Chrysene
Concen: 0.074 ng/ul
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:228 Resp: 3253

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.6	37.0
229	21.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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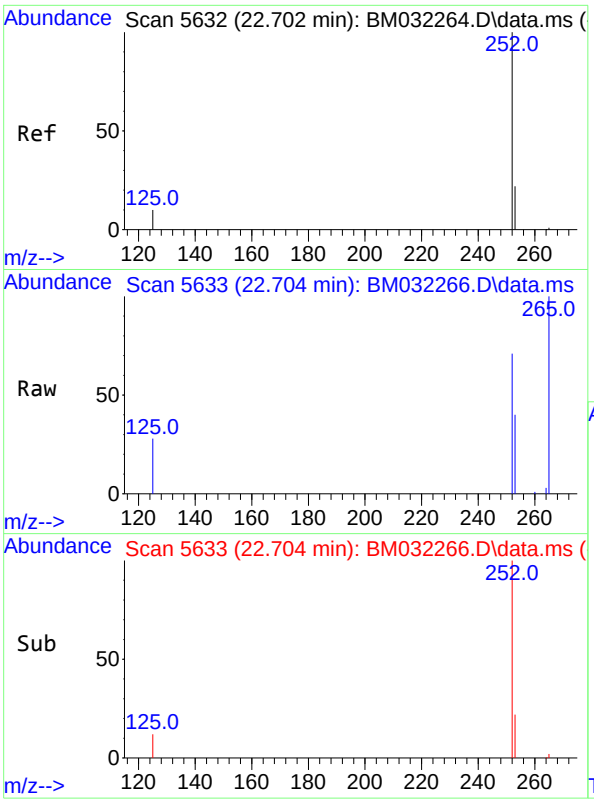
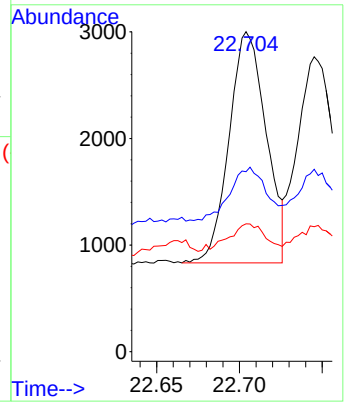
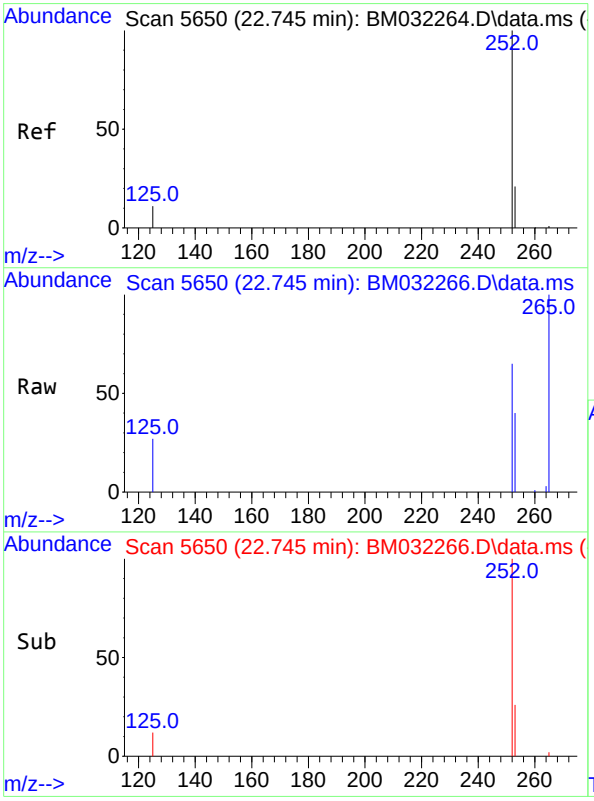


#24
Benzo(b)fluoranthene
Concen: 0.072 ng/ul
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:252 Resp: 3388

Ion	Ratio	Lower	Upper
252	100		
253	56.3	0.0	58.0
125	40.0	0.0	31.4#

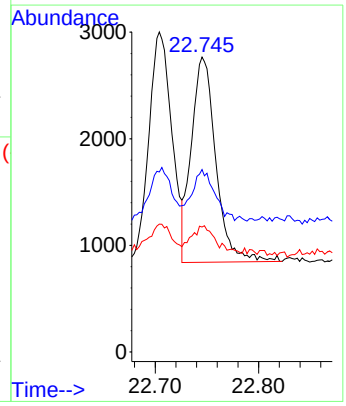




#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.745 min Scan# 5650
Delta R.T. -0.010 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:252 Resp: 3178

Ion	Ratio	Lower	Upper
252	100		
253	61.8	22.9	34.3#
125	42.4	12.9	19.3#



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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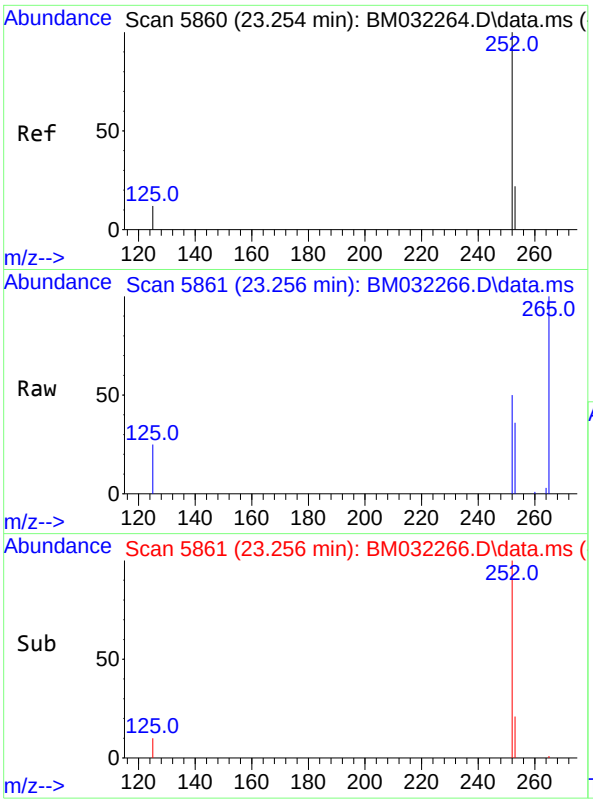
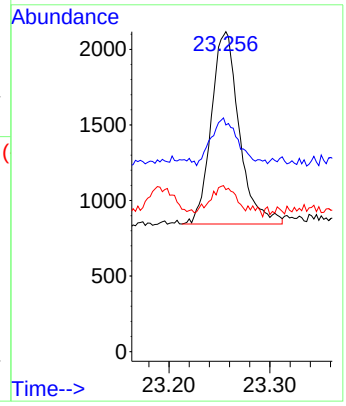
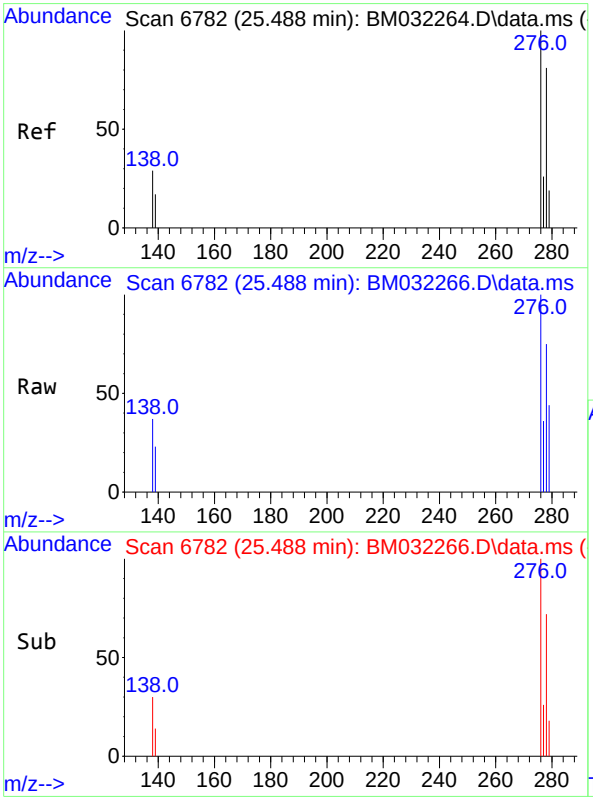


#26
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.256 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:252 Resp: 2451

Ion	Ratio	Lower	Upper
252	100		
253	70.9	25.8	38.8#
125	50.6	15.4	23.2#

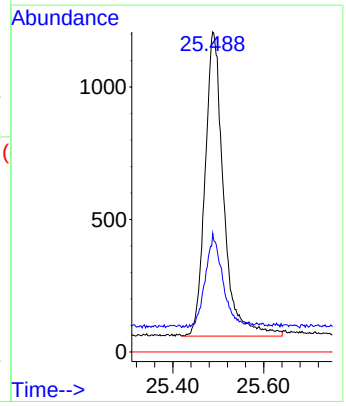




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.017 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:276 Resp: 3252

Ion	Ratio	Lower	Upper
276	100		
138	28.7	24.3	36.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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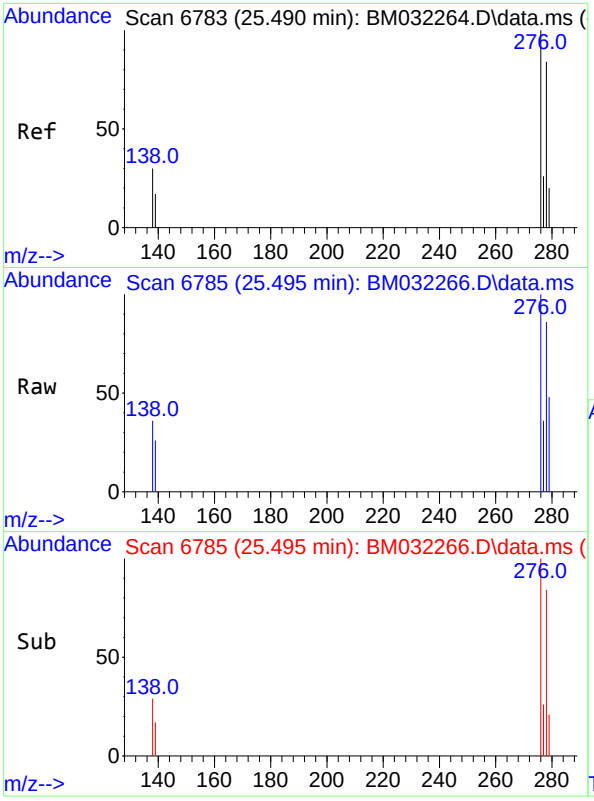
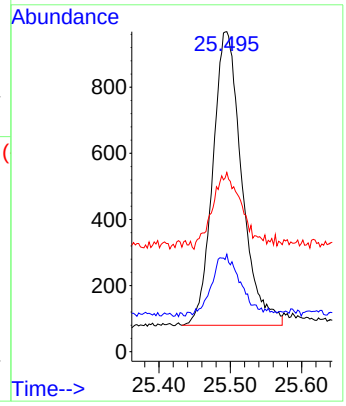
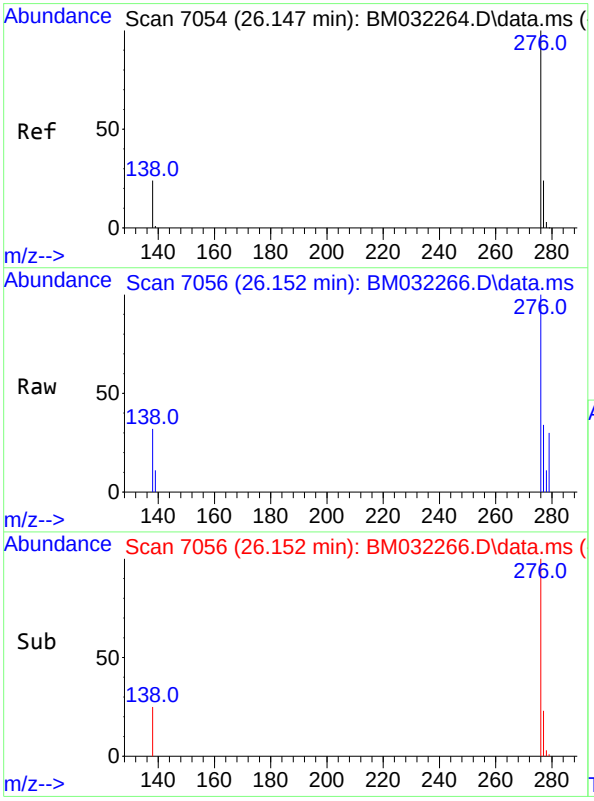


#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.495 min Scan# 6785
Delta R.T. -0.015 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:278 Resp: 2504

Ion	Ratio	Lower	Upper
278	100		
139	30.5	16.6	24.8#
279	56.0	23.0	34.6#

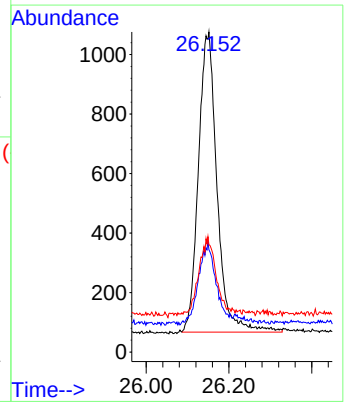




#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.152 min Scan# 7056
Delta R.T. -0.012 min
Lab File: BM032266.D
Acq: 29 Sep 2021 09:31

Tgt Ion:276 Resp: 3150

Ion	Ratio	Lower	Upper
276	100		
138	32.0	21.0	31.4#
277	33.6	19.8	29.8#



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2021-07

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