Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

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Quant Time: Jun 26 01:31:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3717	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	15329	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9752	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	19329	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	14266	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	12499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	2173	0.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	912	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	2247	0.051	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.631	128	6459	0.142	ng/ul	98
7) 2-Methylnaphthalene	12.245	142	4239	0.138	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	5613	0.188	ng/ul	100
10) Acenaphthylene	14.144	152	62995	1.380	ng/ul	99
11) Acenaphthene	14.485	153	23452	0.631	ng/ul	98
12) Fluorene	15.471	166	105390	2.560	ng/ul	99
15) Phenanthrene	17.200	178	1042526	15.148	ng/ul	100
16) Anthracene	17.291	178	358238	5.941	ng/ul	99
19) Fluoranthene	19.211	202	1311596	19.998	ng/ul	98
20) Pyrene	19.573	202	530038	7.889	ng/ul	97
21) Benzo(a)anthracene	21.309	228	475312	8.387	ng/ul	97
22) Chrysene	21.360	228	352663	5.606	ng/ul	96
24) Benzo(b)fluoranthene	22.905	252	336908m	6.197	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	139579m	2.448	ng/ul	
26) Benzo(a)pyrene	23.481	252	70780	1.467	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.863	276	59215	0.965	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.865	278	37284	0.762	ng/ul#	92

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

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Misc :
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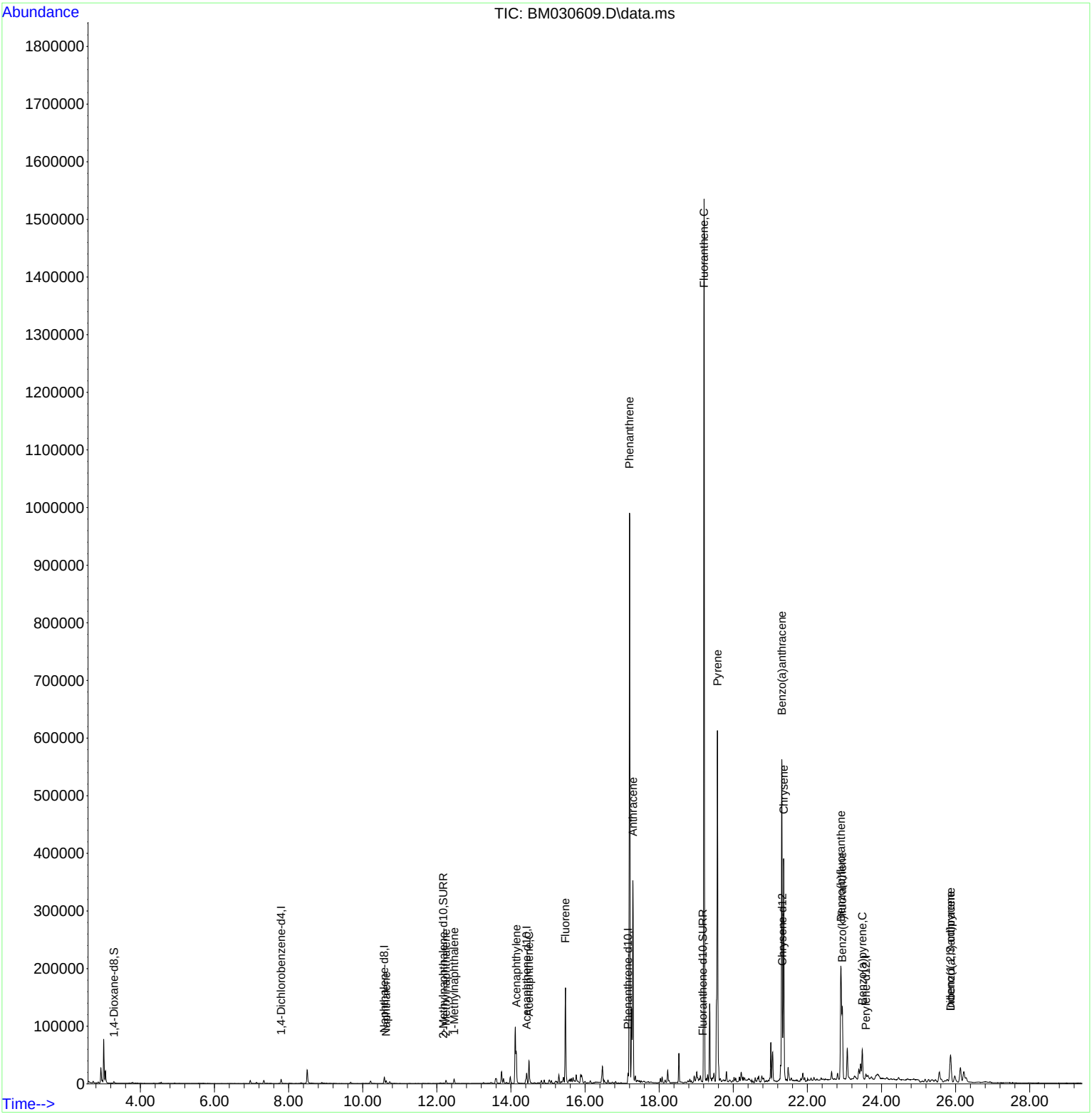
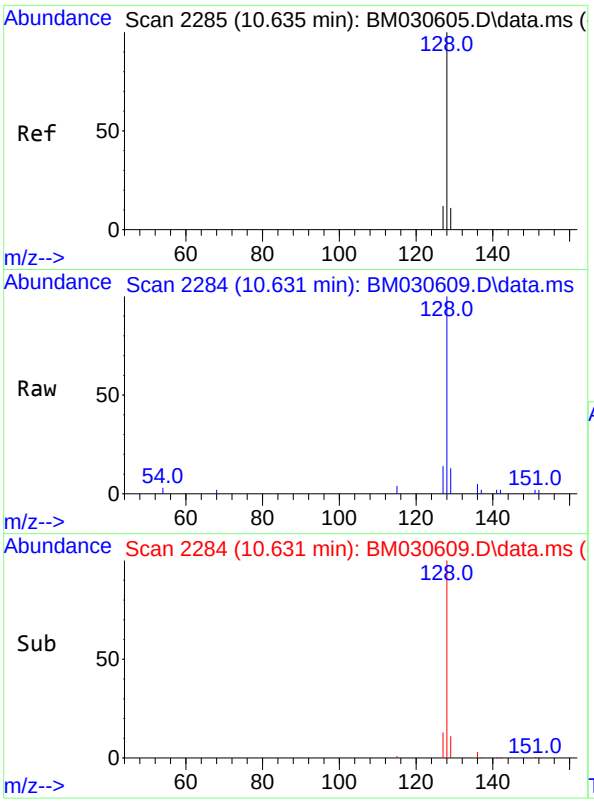
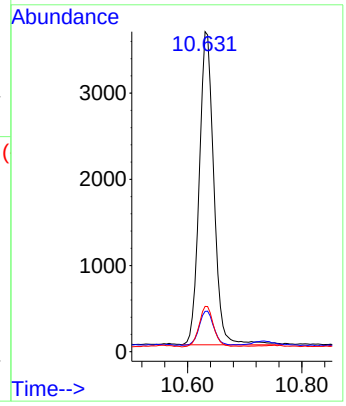


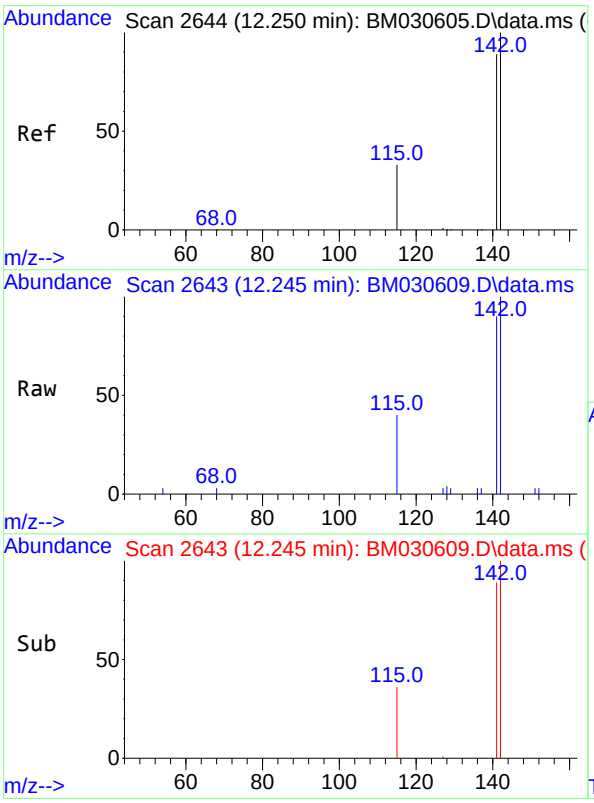


#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:128 Resp: 6459

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	14.2	10.9	16.3

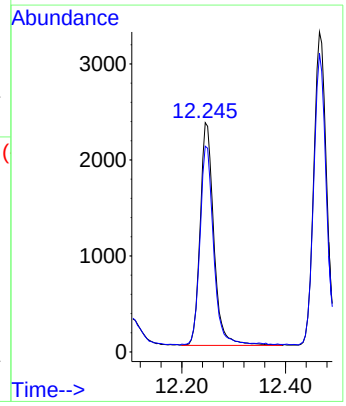




#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:142 Resp: 4239

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



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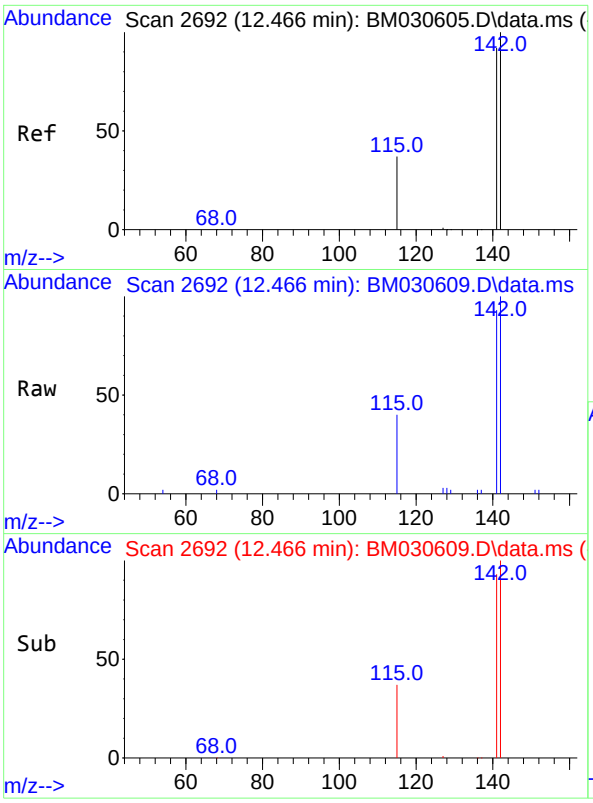
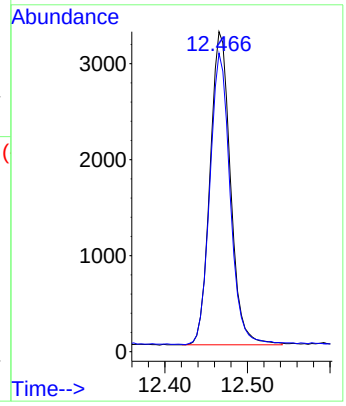


#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:142 Resp: 5613

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.0



Instrument :
BNA_M
ClientSampleId :
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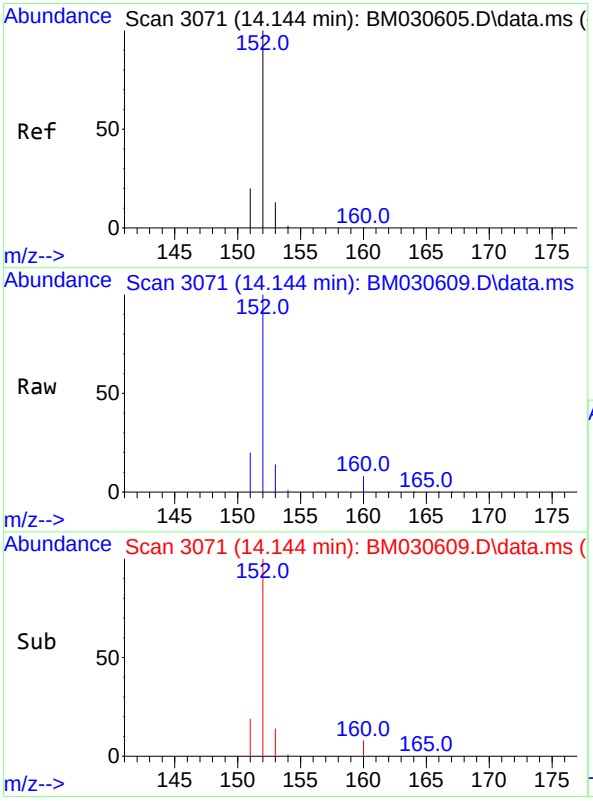
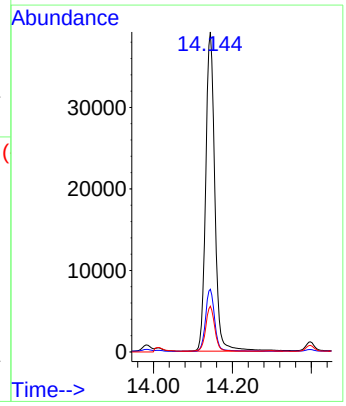
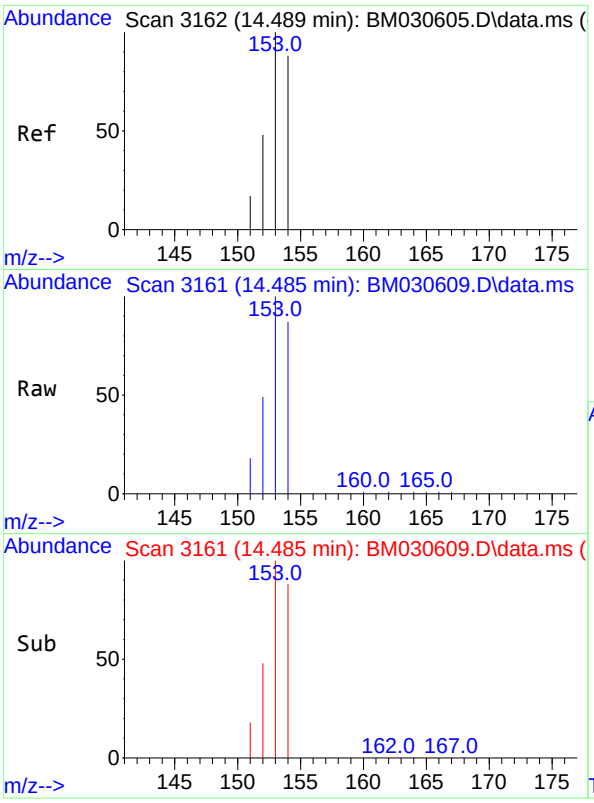


#10
Acenaphthylene
Concen: 1.380 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:152 Resp: 62995

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	14.3	10.7	16.1

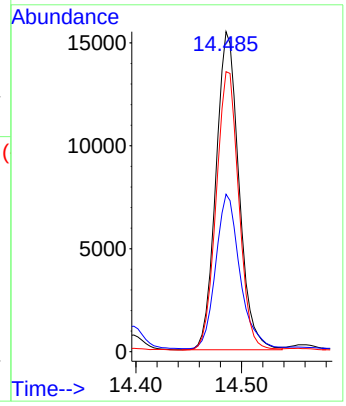




#11
Acenaphthene
Concen: 0.631 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:153 Resp: 23452

Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.2	60.2
154	87.5	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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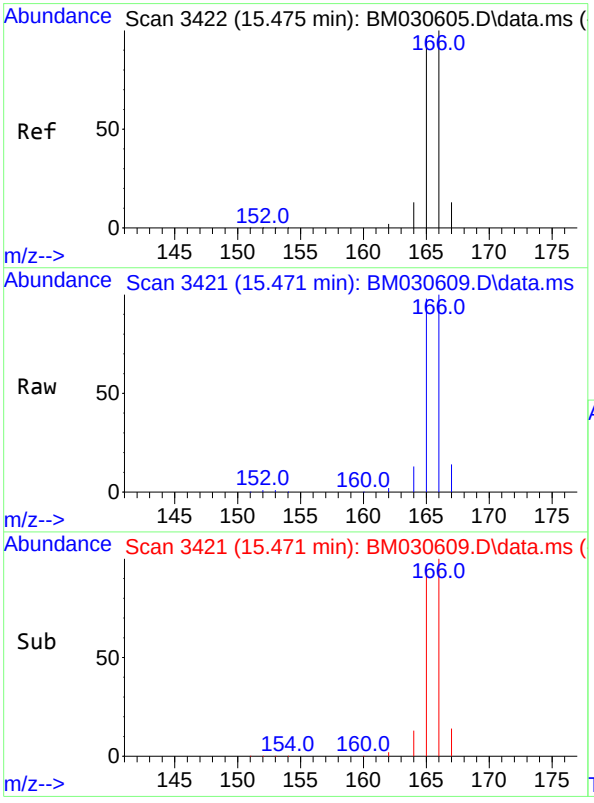
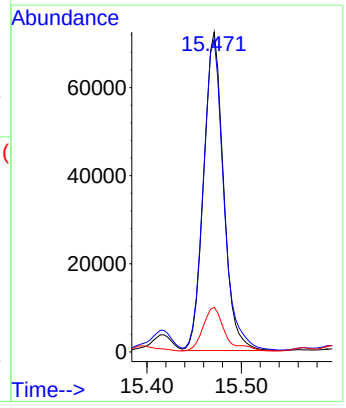
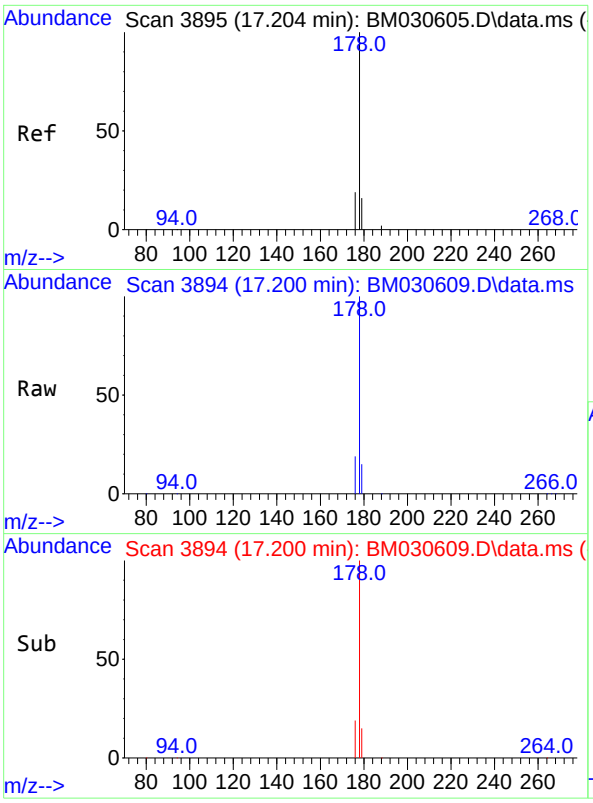


#12
Fluorene
Concen: 2.560 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:166 Resp: 105390

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	14.0	11.3	16.9

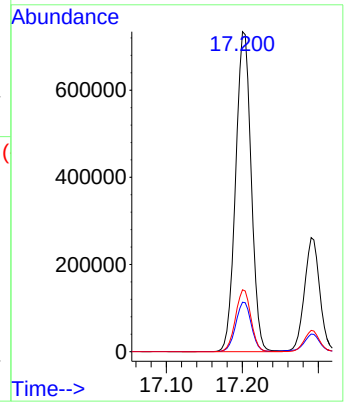




#15
Phenanthrene
Concen: 15.148 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:178 Resp: 1042526

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.3	15.5	23.3



Instrument :
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ClientSampleId :
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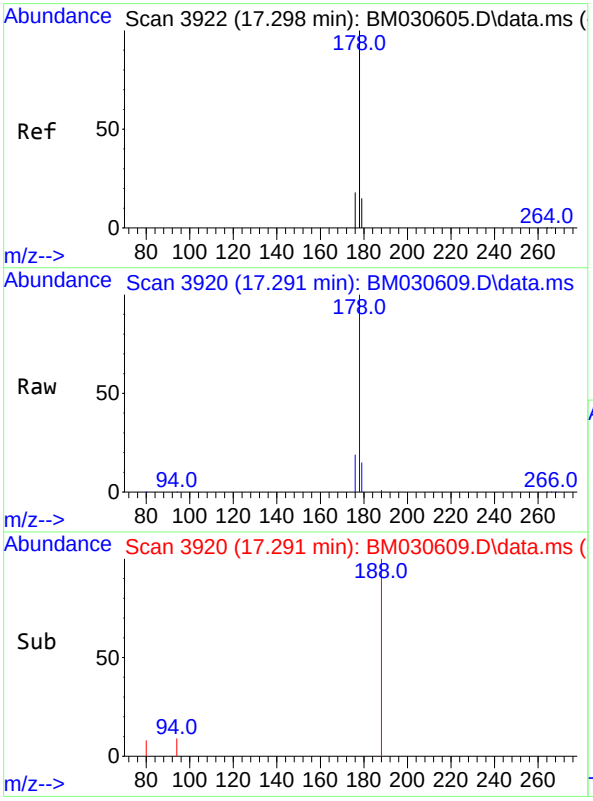
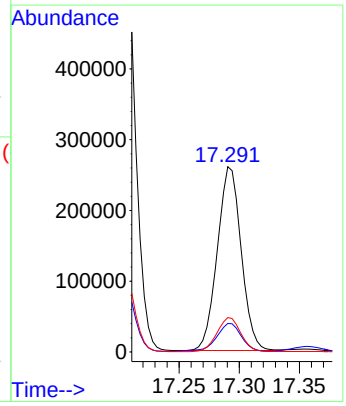
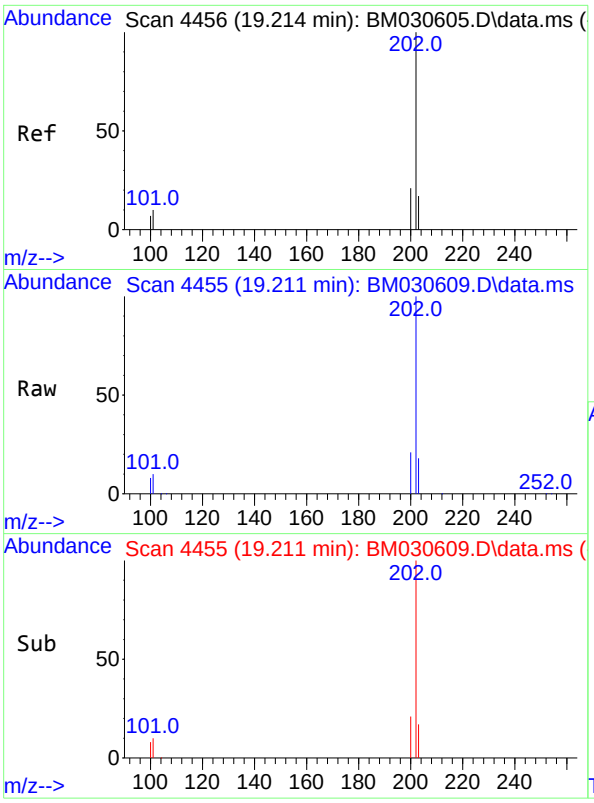


#16
Anthracene
Concen: 5.941 ng/ul
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:178 Resp: 358238

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.6	15.2	22.8

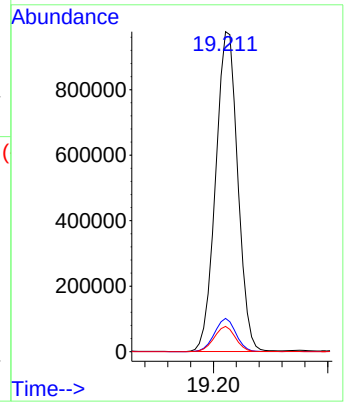




#19
Fluoranthene
Concen: 19.998 ng/ul
RT: 19.211 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:202 Resp: 1311596

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.8	13.2
100	7.9	6.9	10.3



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ClientSampleId :
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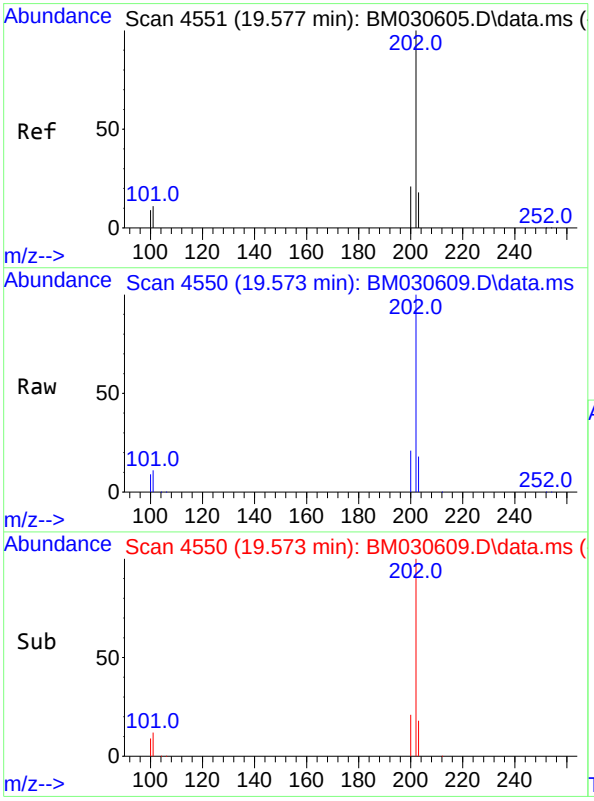
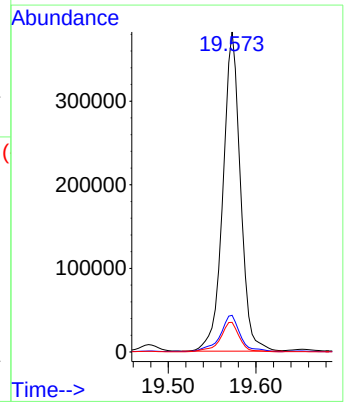
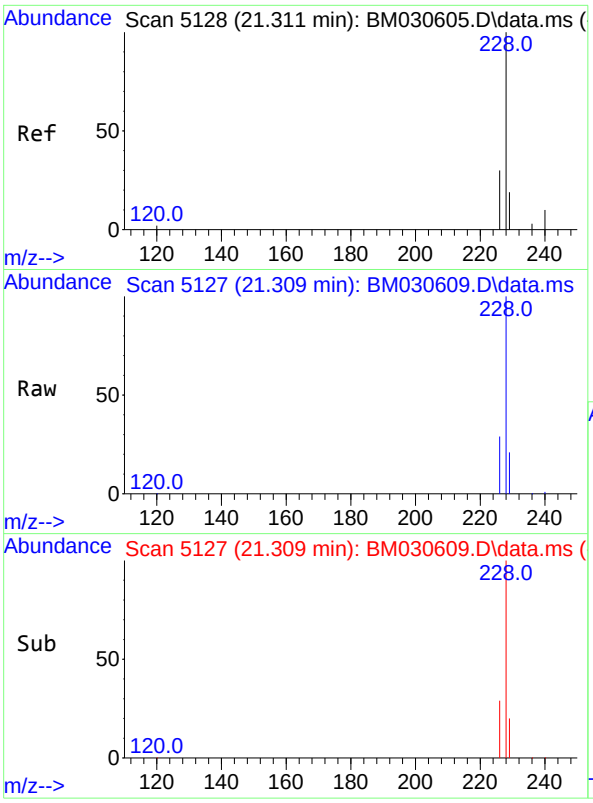


#20
Pyrene
Concen: 7.889 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:202 Resp: 530038

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.1	15.1
100	9.3	8.2	12.2

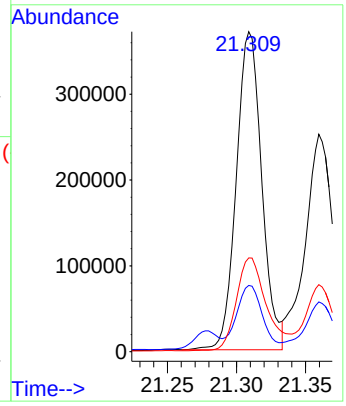


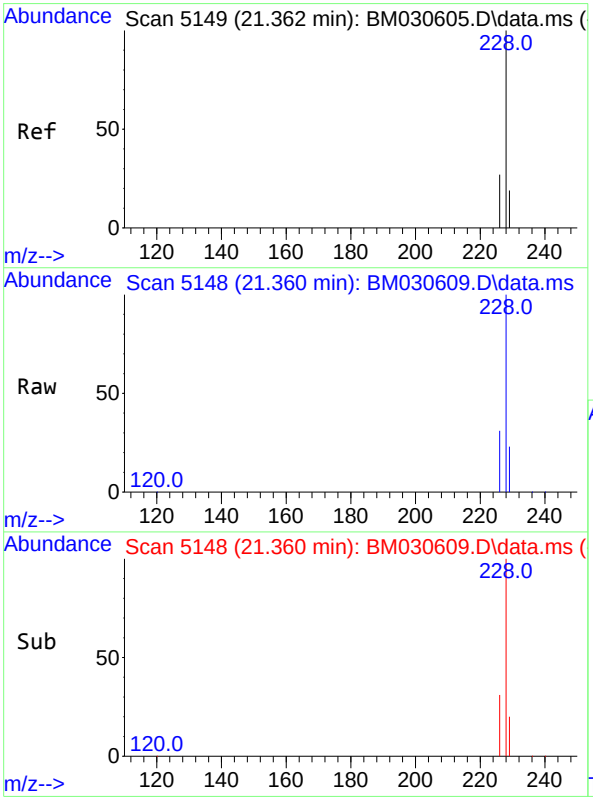


#21
Benzo(a)anthracene
Concen: 8.387 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:228 Resp: 475312

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.3	22.2	33.4

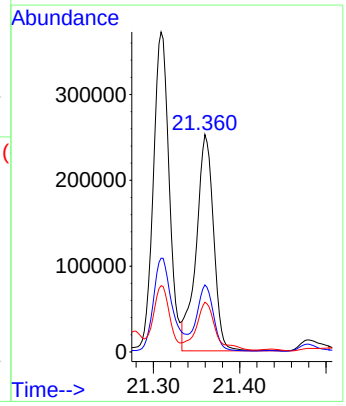




#22
Chrysene
Concen: 5.606 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:228 Resp: 352663

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	22.9	15.4	23.0



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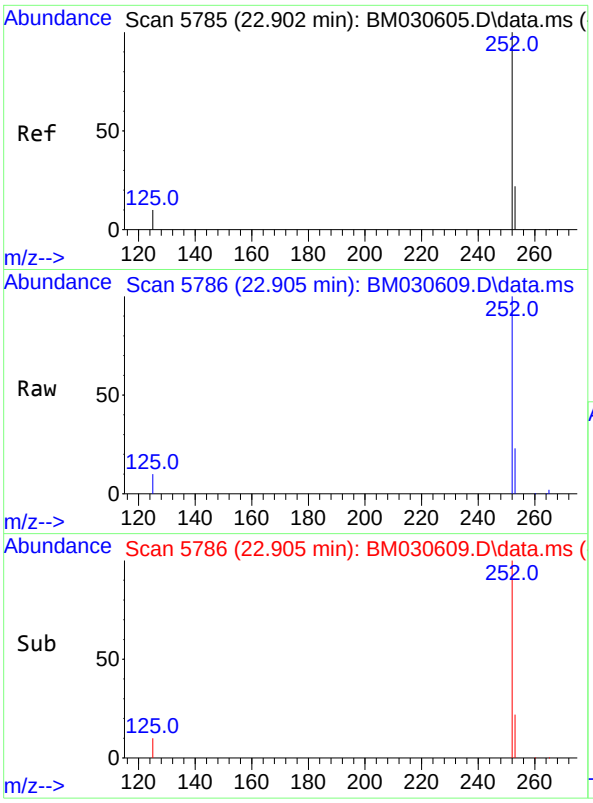
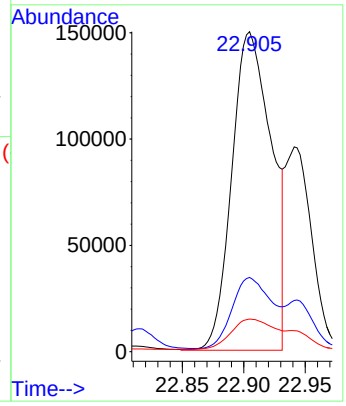
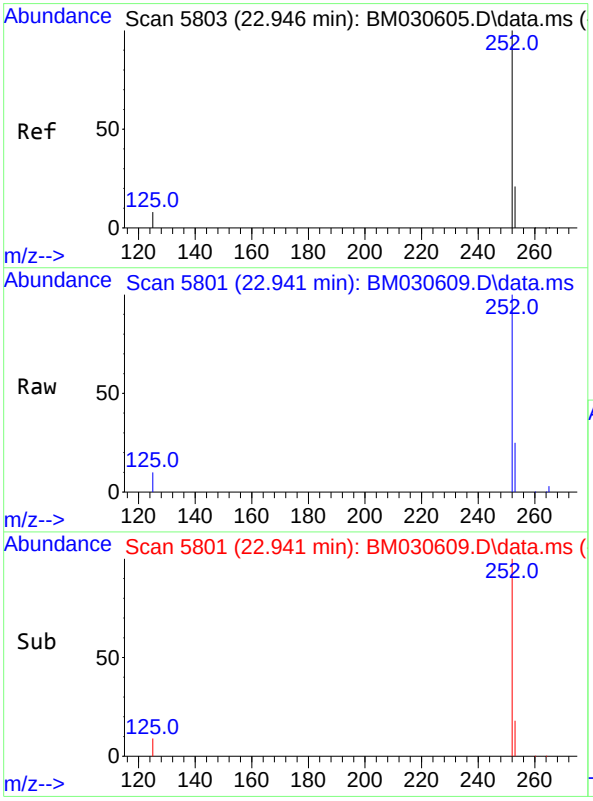


#24
Benzo(b)fluoranthene
Concen: 6.197 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:252 Resp: 336908

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	50.2
125	10.2	0.0	27.8

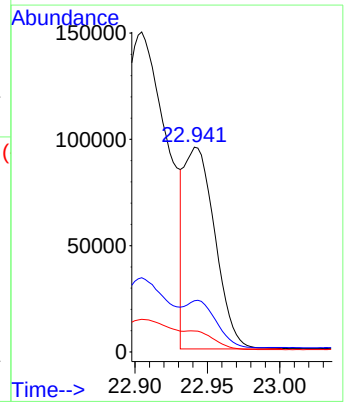




#25
Benzo(k)fluoranthene
Concen: 2.448 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:252 Resp: 139579

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	31.0
125	10.2	11.0	16.4#



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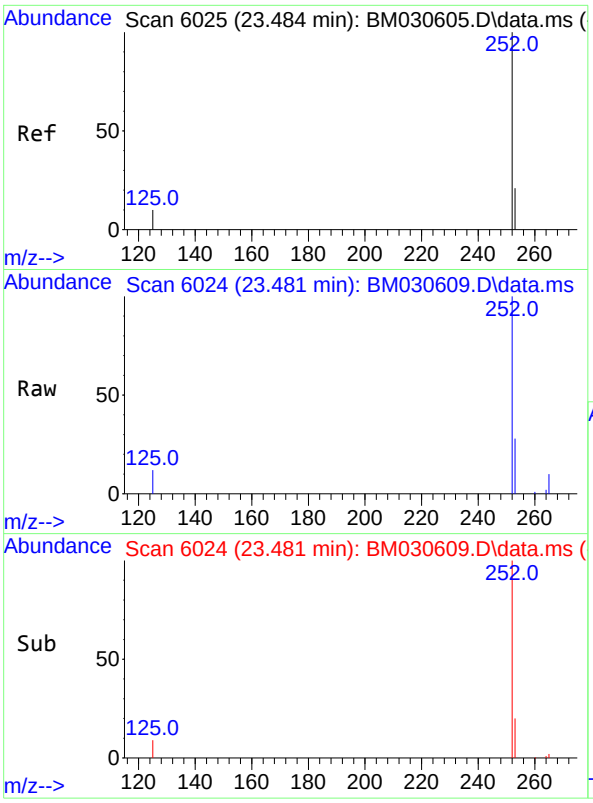
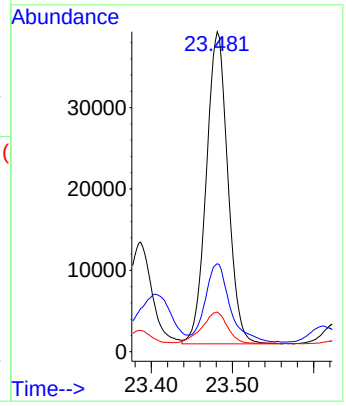
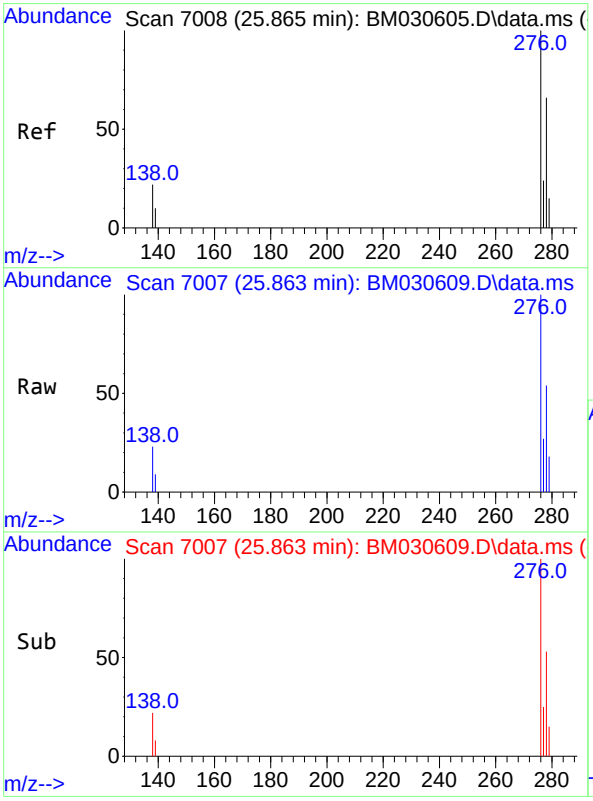


#26
Benzo(a)pyrene
Concen: 1.467 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:252 Resp: 70780

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.0	33.0
125	12.4	13.4	20.2#

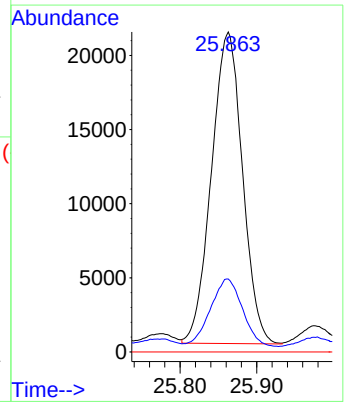




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.965 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.010 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:276 Resp: 59215

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.1	28.7
227	0.0	0.0	0.0



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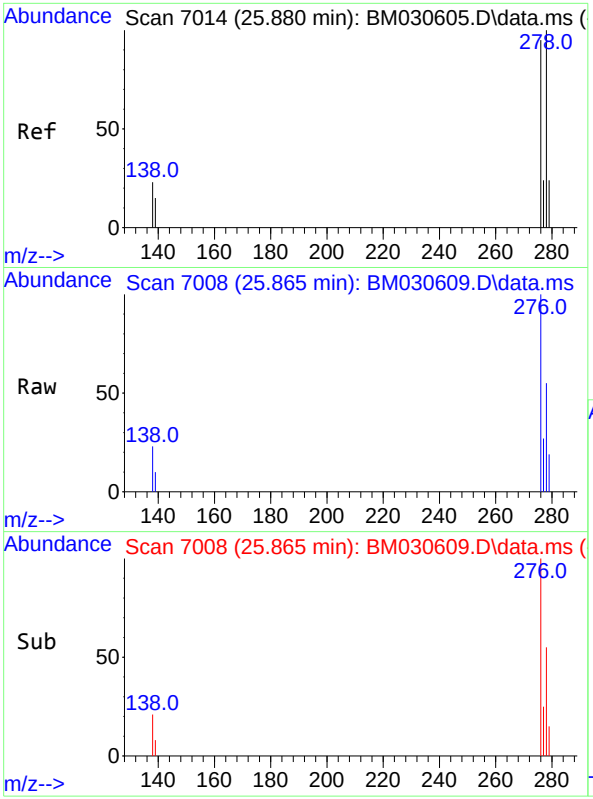
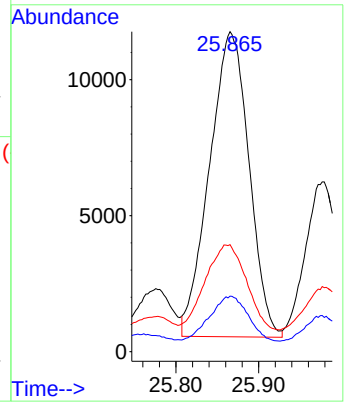


#28
Dibenzo(a,h)anthracene
Concen: 0.762 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.022 min
Lab File: BM030609.D
Acq: 25 Jun 2021 19:40

Tgt Ion:278 Resp: 37284

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	33.5	21.6	32.4#



Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM