Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027590.D
Acq On : 02 Oct 2020 20:35
Operator : JU/CG
Sample : L4166-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2

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Quant Time: Oct 03 01:37:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	1128	0.40	ng/ul	0.00
2) Naphthalene-d8	10.581	136	3266	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.429	164	2353	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.169	188	5726	0.40	ng/ul	0.00
16) Chrysene-d12	21.346	240	6234	0.40	ng/ul	0.00
20) Perylene-d12	23.605	264	6470	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	823	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.196	212	2419	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.631	128	492	0.05	ng/ul#	74
7) Acenaphthylene	14.148	152	713	0.06	ng/ul#	83
9) Fluorene	15.475	166	215	0.02	ng/ul#	87
12) Phenanthrene	17.208	178	1204m	0.07	ng/ul	
13) Anthracene	17.301	178	4191	0.24	ng/ul	98
15) Fluoranthene	19.222	202	5257	0.25	ng/ul	99
17) Pyrene	19.588	202	20501	0.72	ng/ul#	96
18) Benzo(a)anthracene	21.331	228	4882m	0.20	ng/ul	
19) Chrysene	21.382	228	17752	0.70	ng/ul	99
21) Benzo(b)fluoranthene	22.927	252	22689m	0.87	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	9085m	0.34	ng/ul	
23) Benzo(a)pyrene	23.508	252	13249	0.57	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.885	276	7395	0.25	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.892	278	2298	0.09	ng/ul#	66
26) Benzo(g,h,i)perylene	26.580	276	5721	0.23	ng/ul	95

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

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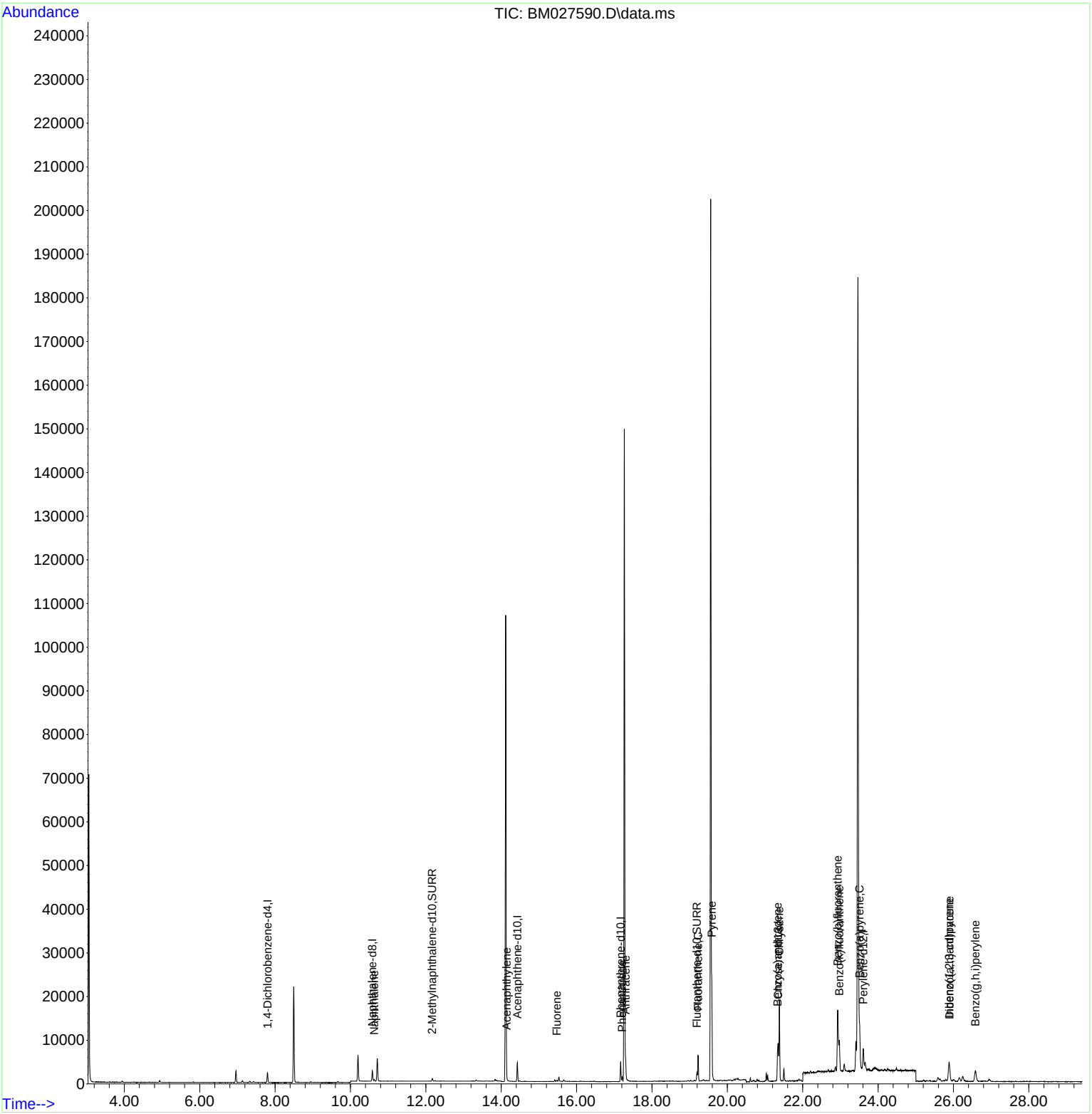
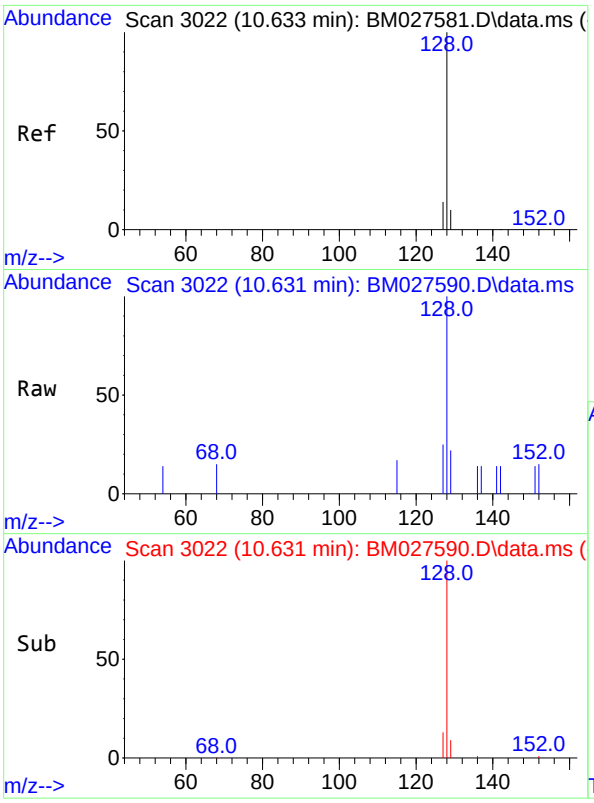
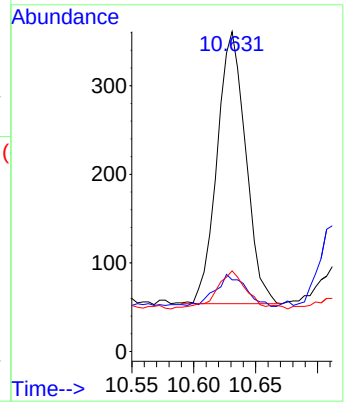




#3
Naphthalene
Concen: 0.05 ng/ul
RT: 10.631 min Scan# 3022
Delta R.T. -0.002 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:128 Resp: 492

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.9	14.9#
127	25.2	11.4	17.2#



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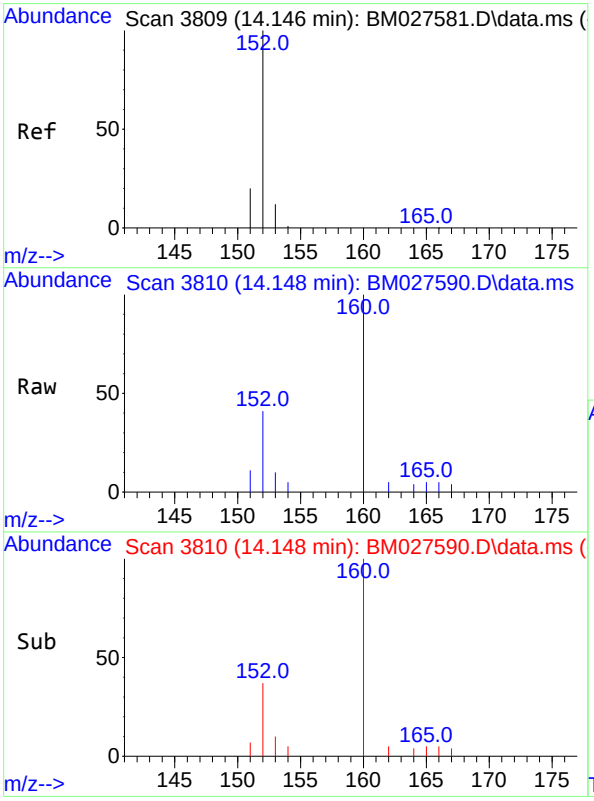
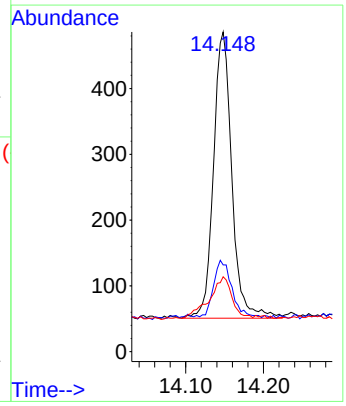
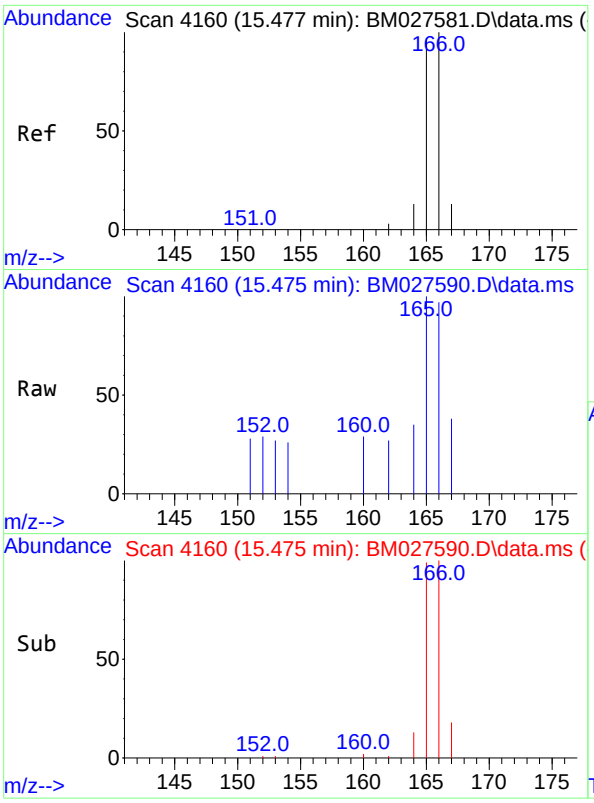


#7
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.148 min Scan# 3810
Delta R.T. -0.002 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:152 Resp: 713

Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.6	24.8#
153	23.5	11.4	17.0#

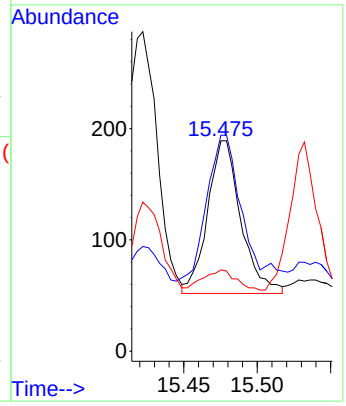




#9
Fluorene
Concen: 0.02 ng/ul
RT: 15.475 min Scan# 4160
Delta R.T. -0.002 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:166 Resp: 215

Ion	Ratio	Lower	Upper
166	100		
165	102.6	77.2	115.8
167	38.6	11.1	16.7#



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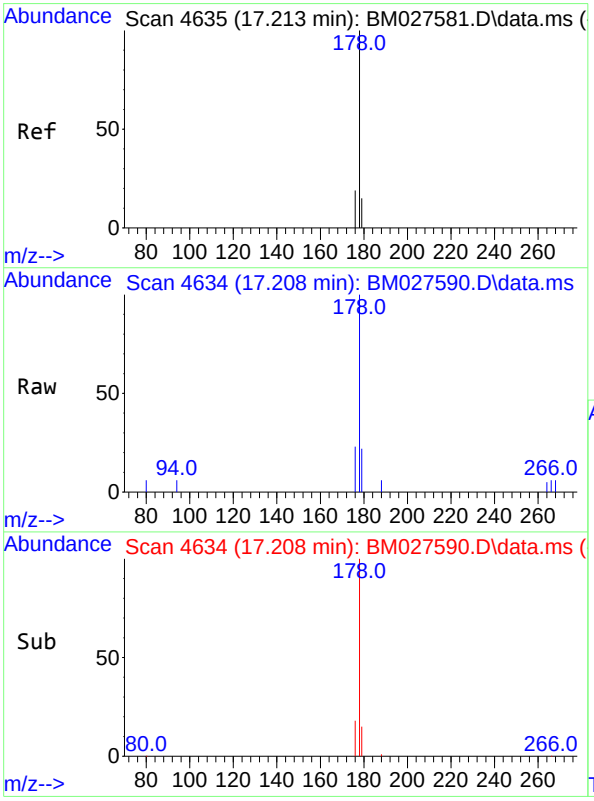
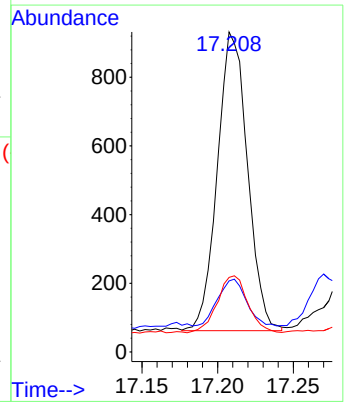
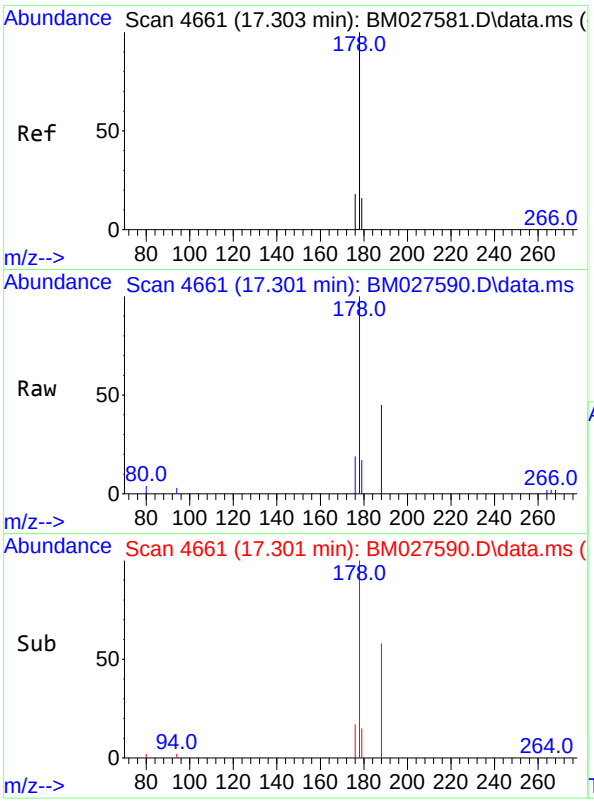


#12
Phenanthrene
Concen: 0.07 ng/ul m
RT: 17.208 min Scan# 4634
Delta R.T. -0.005 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:178 Resp: 1204

Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.9	19.3#
176	23.3	15.3	22.9#

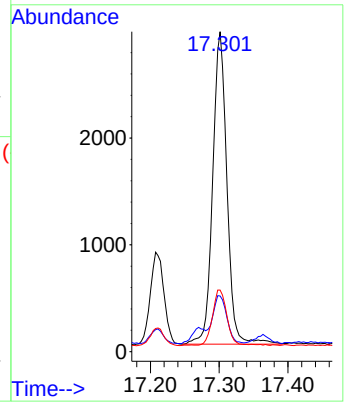


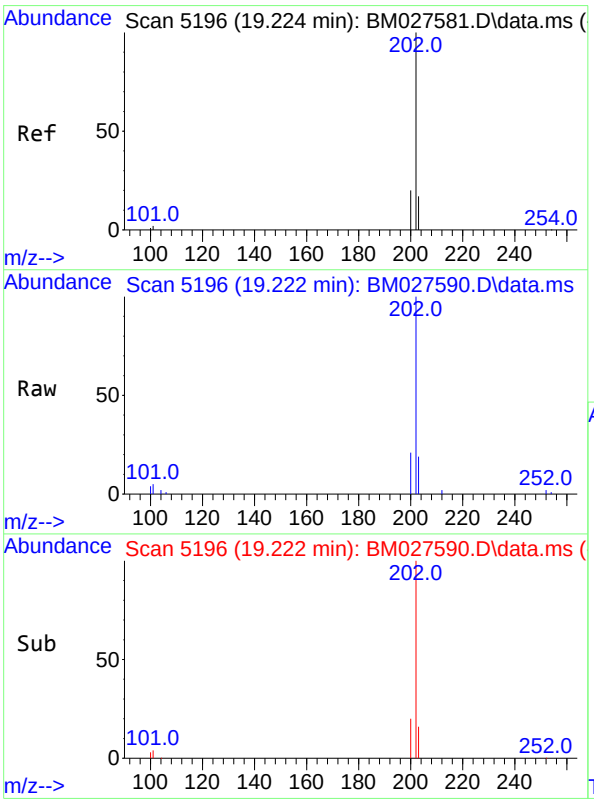


#13
Anthracene
Concen: 0.24 ng/ul
RT: 17.301 min Scan# 4661
Delta R.T. -0.002 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:178 Resp: 4191

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.4
176	19.2	15.2	22.8

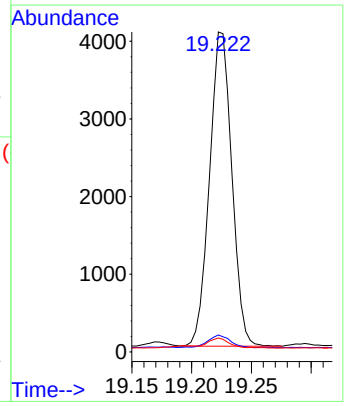




#15
Fluoranthene
Concen: 0.25 ng/ul
RT: 19.222 min Scan# 5196
Delta R.T. -0.006 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:202 Resp: 5257

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	24.9
100	4.3	0.0	24.1



Instrument :
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ClientSampleId :
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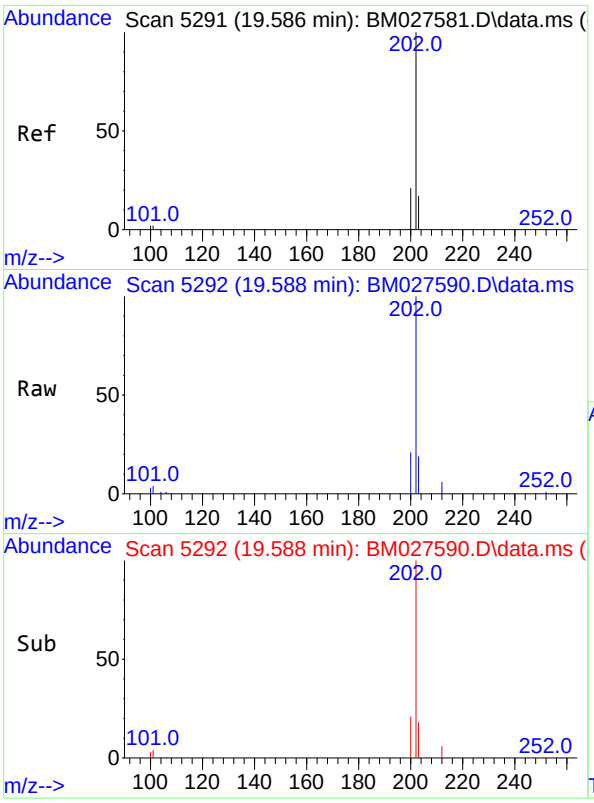
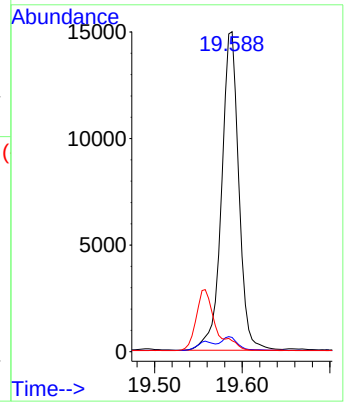


#17
Pyrene
Concen: 0.72 ng/ul
RT: 19.588 min Scan# 5292
Delta R.T. -0.002 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:202 Resp: 20501

Ion	Ratio	Lower	Upper
202	100		
101	4.5	4.7	7.1#
100	3.4	3.9	5.9#



Instrument :
BNA_M
ClientSampleId :
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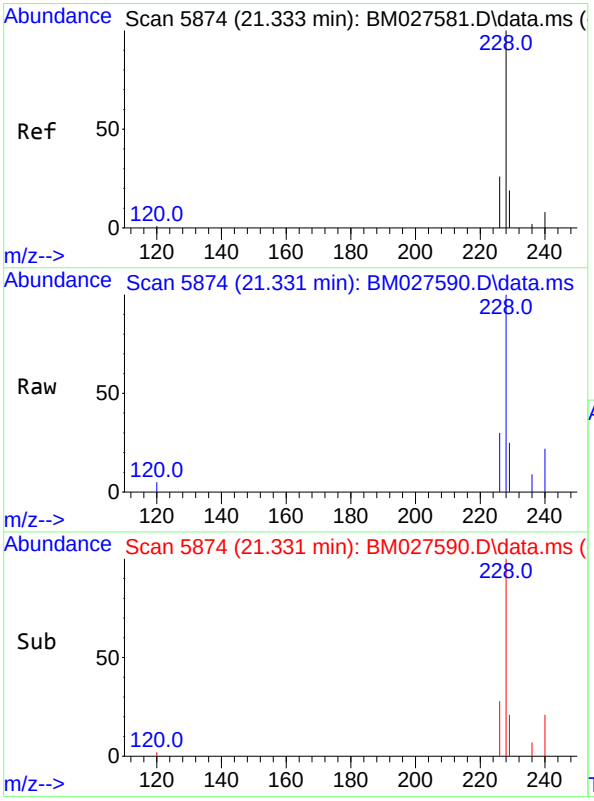
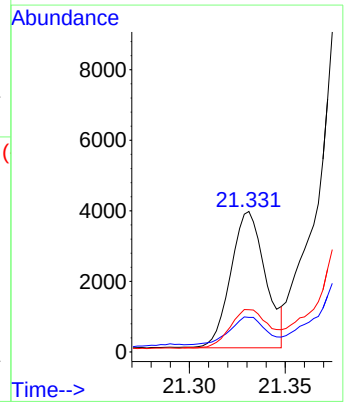
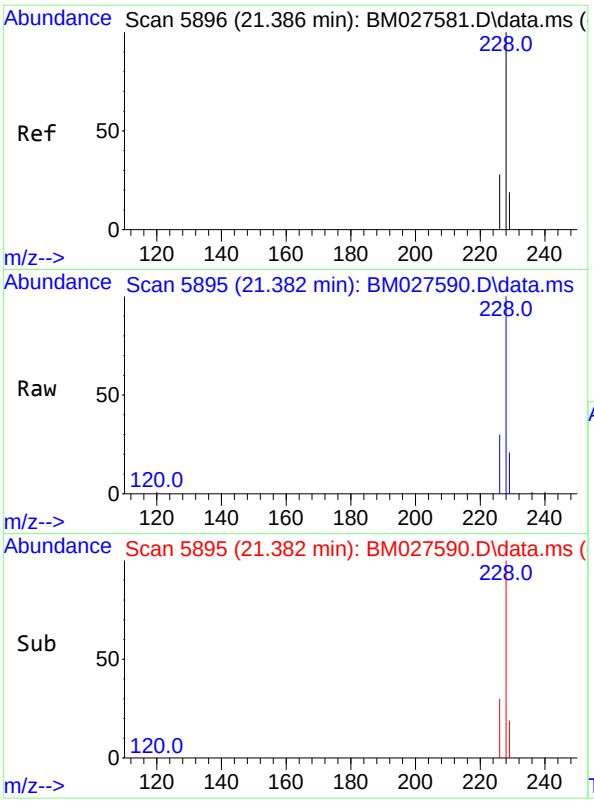


#18
Benzo(a)anthracene
Concen: 0.20 ng/ul m
RT: 21.331 min Scan# 5874
Delta R.T. -0.004 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:228 Resp: 4882

Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.6	23.4#
226	30.1	21.8	32.8

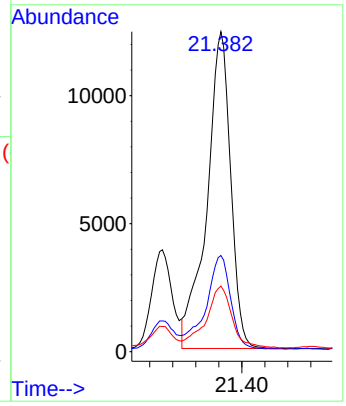




#19
Chrysene
Concen: 0.70 ng/ul
RT: 21.382 min Scan# 5895
Delta R.T. -0.004 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:228 Resp: 17752

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	20.5	15.8	23.8



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ClientSampleId :
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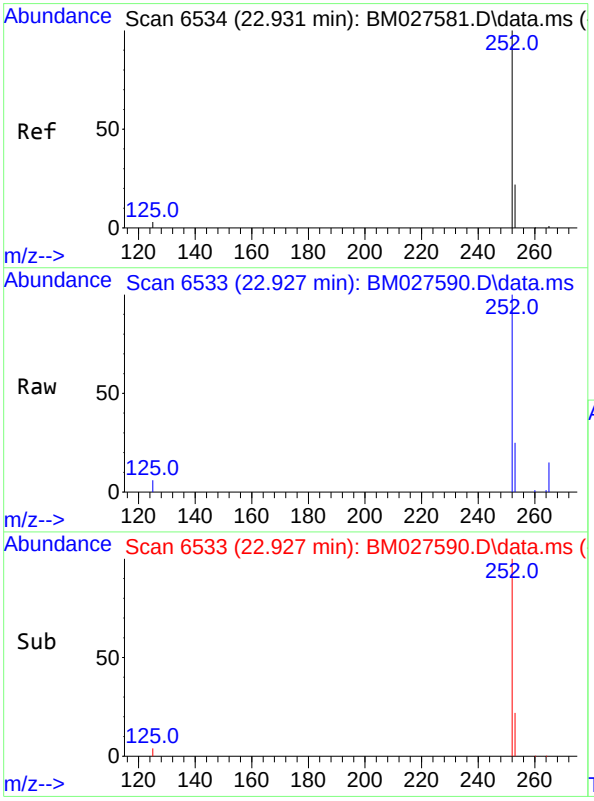
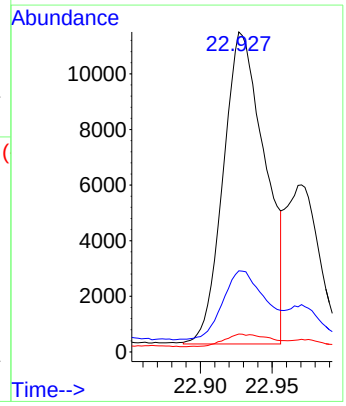
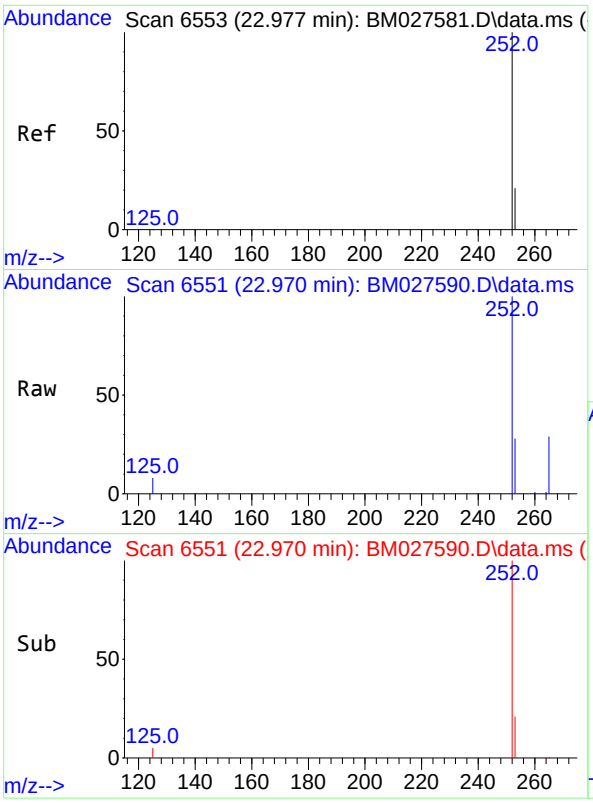


#21
Benzo(b)fluoranthene
Concen: 0.87 ng/ul m
RT: 22.927 min Scan# 6533
Delta R.T. -0.007 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:252 Resp: 22689

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	48.2
125	5.6	0.0	10.6

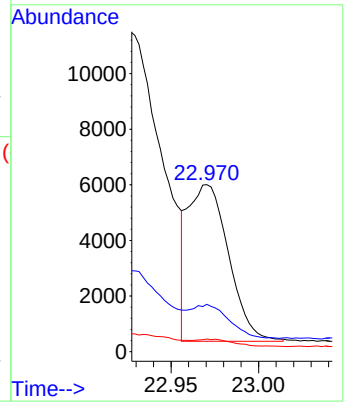


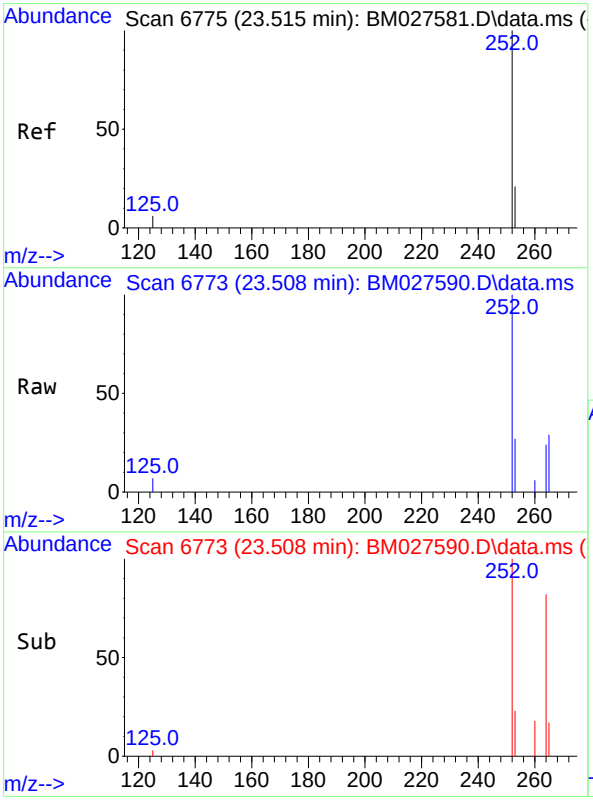


#22
Benzo(k)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.970 min Scan# 6551
Delta R.T. -0.009 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:252 Resp: 9085

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.1	28.7
125	7.6	5.0	7.4#

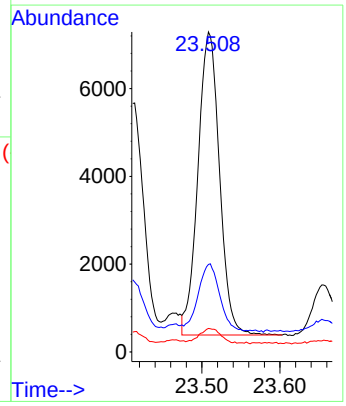




#23
Benzo(a)pyrene
Concen: 0.57 ng/ul
RT: 23.508 min Scan# 6773
Delta R.T. -0.007 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:252 Resp: 13249

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.6	29.4
125	7.3	5.0	7.6



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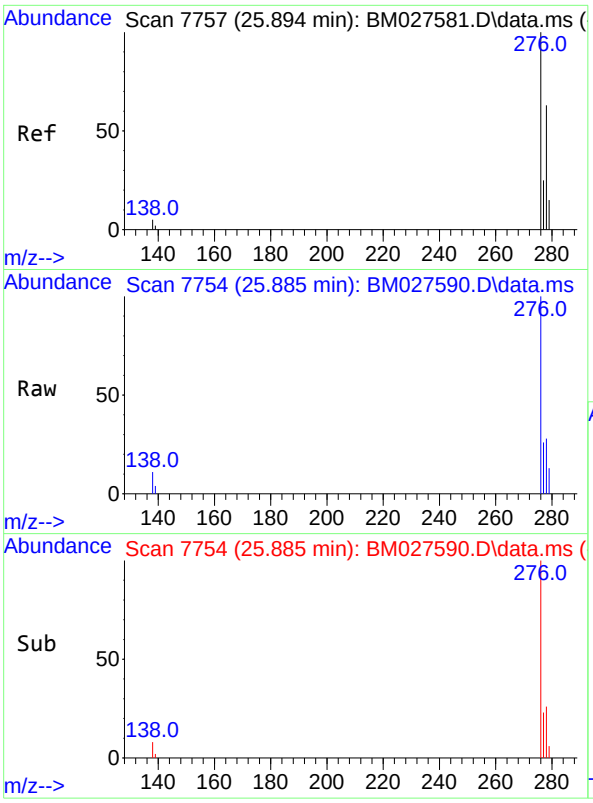
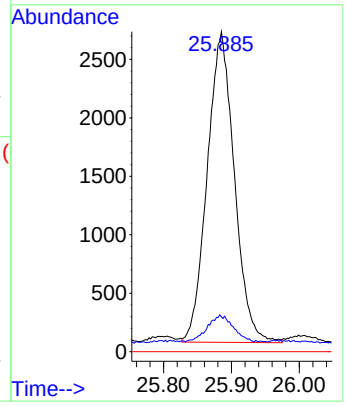
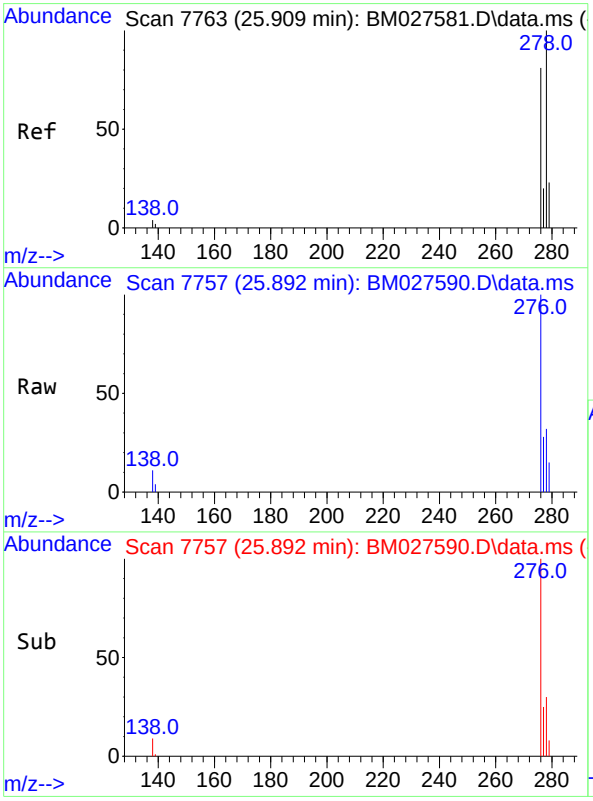


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.885 min Scan# 7754
Delta R.T. -0.009 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:276 Resp: 7395

Ion	Ratio	Lower	Upper
276	100		
138	8.2	8.6	12.8#
227	0.0	0.0	0.0

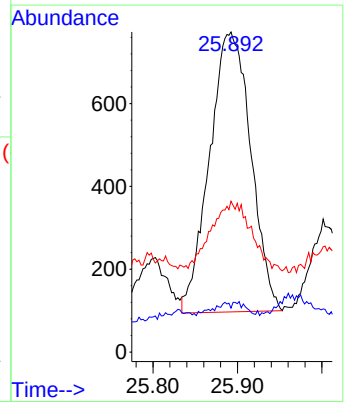




#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.892 min Scan# 7757
Delta R.T. -0.019 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:278 Resp: 2298

Ion	Ratio	Lower	Upper
278	100		
139	13.7	7.6	11.4#
279	47.1	20.7	31.1#



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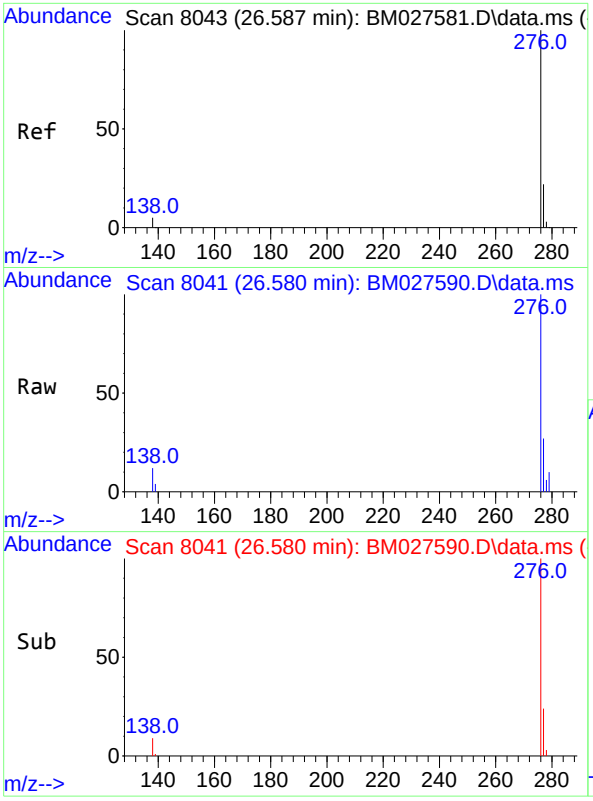
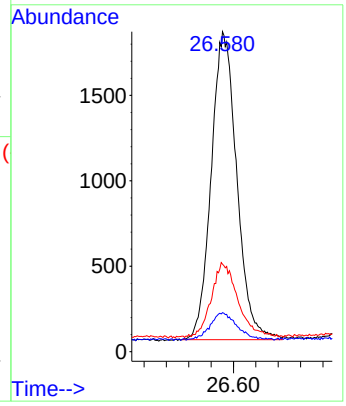


#26
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.580 min Scan# 8041
Delta R.T. -0.014 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:276 Resp: 5721

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.0	13.4
277	27.3	19.4	29.0



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