Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030907.D
Acq On : 09 Jul 2021 05:24
Operator : CG/JU
Sample : M2877-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDZ3

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Quant Time: Jul 09 06:09:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	2239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.544	136	8772	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.390	164	4961	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.131	188	8090	0.400	ng/ul	-0.02
17) Chrysene-d12	21.311	240	4878	0.400	ng/ul	0.00
23) Perylene-d12	23.546	264	6198	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	4261	1.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.154	152	2200	0.160	ng/ul	0.00
18) Fluoranthene-d10	19.157	212	3275	0.234	ng/ul	-0.01
Target Compounds						Qvalue
15) Phenanthrene	17.172	178	874	0.032	ng/ul#	79
16) Anthracene	17.259	178	541	0.023	ng/ul#	57
19) Fluoranthene	19.187	202	1699	0.079	ng/ul#	86
20) Pyrene	19.546	202	1678m	0.078	ng/ul	
21) Benzo(a)anthracene	21.296	228	1041	0.054	ng/ul#	87
22) Chrysene	21.347	228	1219	0.056	ng/ul#	88
24) Benzo(b)fluoranthene	22.870	252	1543	0.056	ng/ul#	30
25) Benzo(k)fluoranthene	22.914	252	1236	0.044	ng/ul#	19
26) Benzo(a)pyrene	23.449	252	915	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.863	276	1279	0.042	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.870	278	905	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	26.551	276	1005	0.038	ng/ul#	58

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

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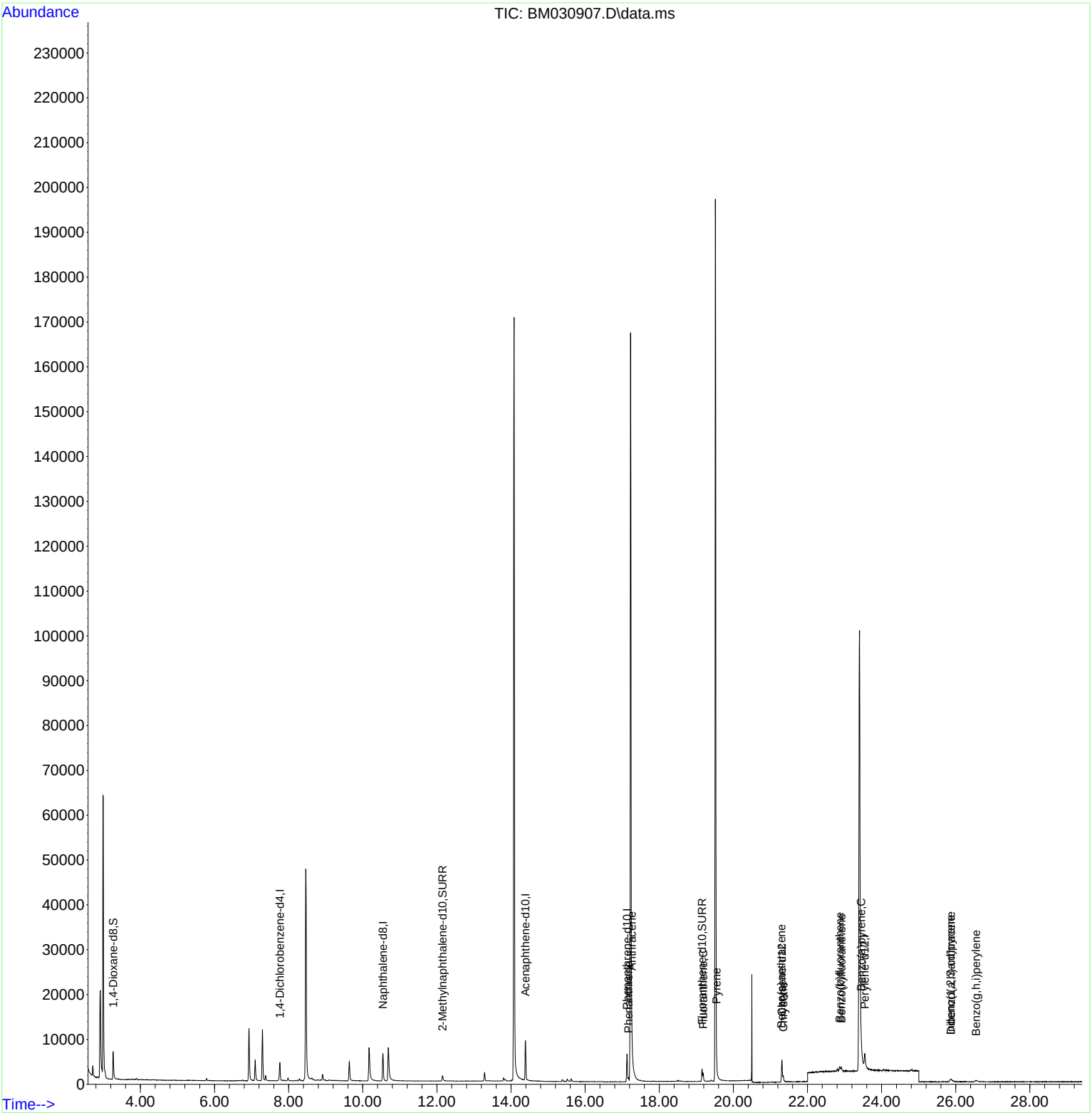
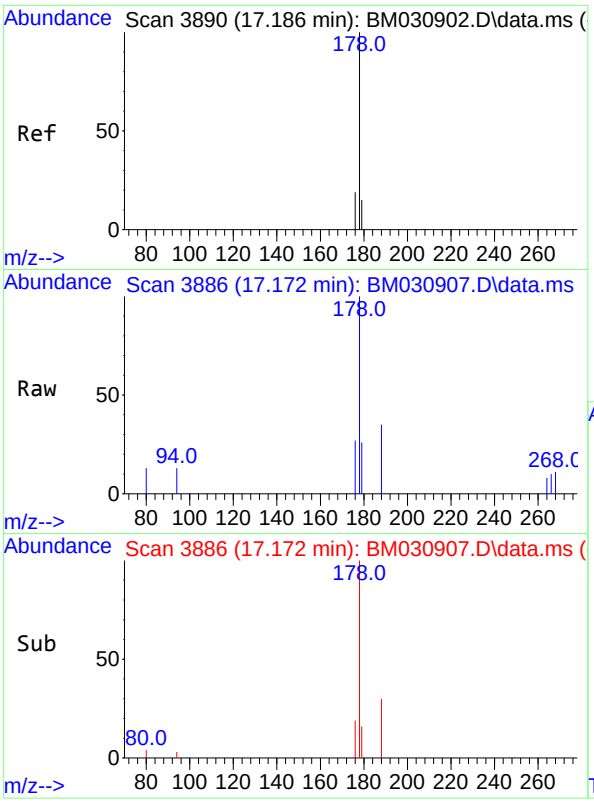
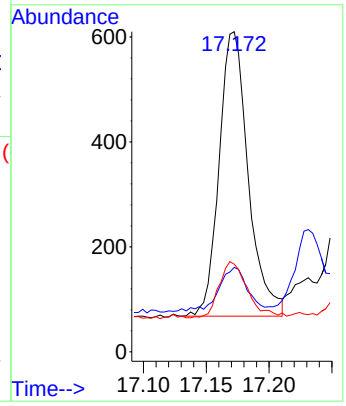




#15
Phenanthrene
Concen: 0.032 ng/ul
RT: 17.172 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:178 Resp: 874

Ion	Ratio	Lower	Upper
178	100		
179	26.4	12.6	19.0#
176	27.4	15.5	23.3#



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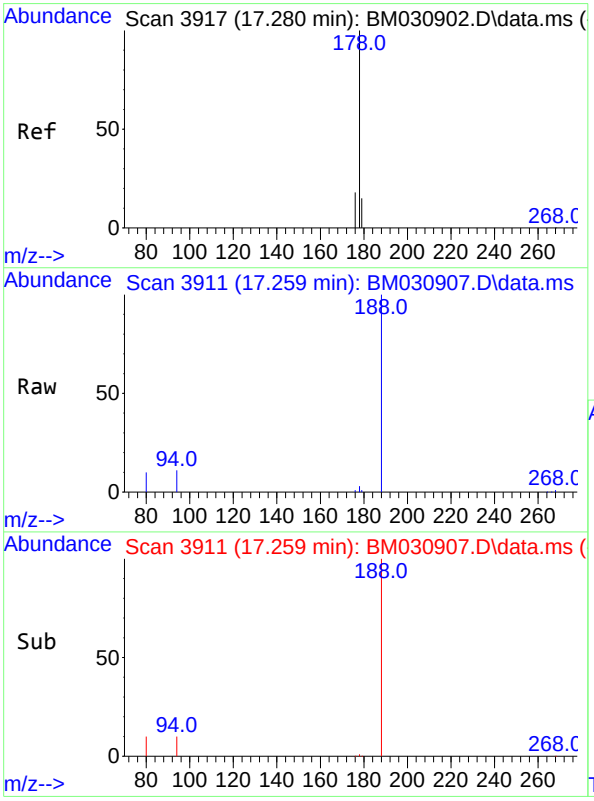
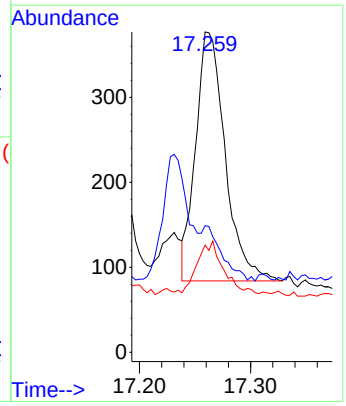
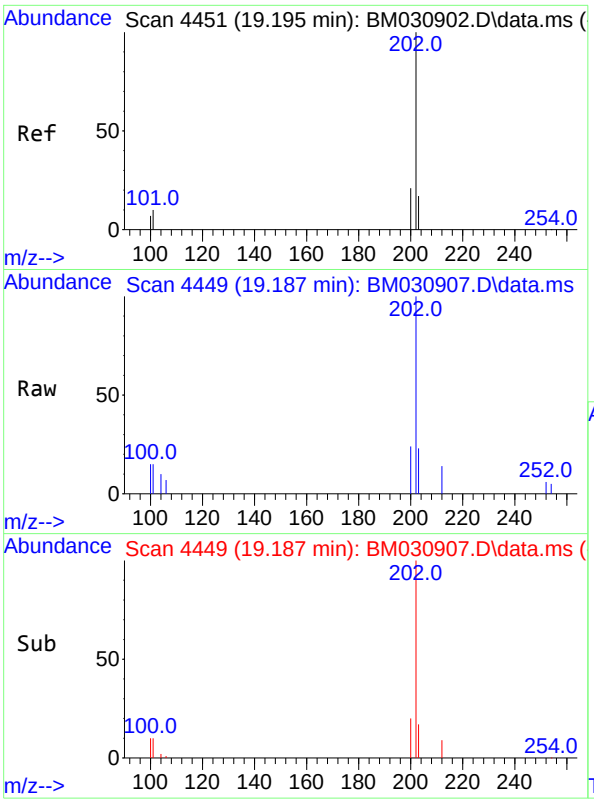


#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.032 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:178 Resp: 541

Ion	Ratio	Lower	Upper
178	100		
179	39.5	12.7	19.1#
176	33.4	15.2	22.8#

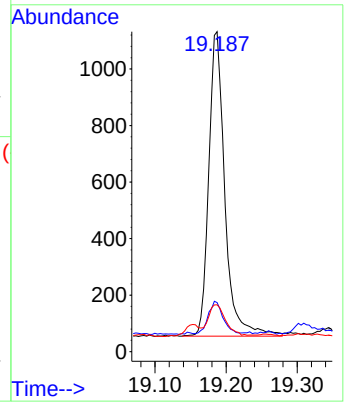


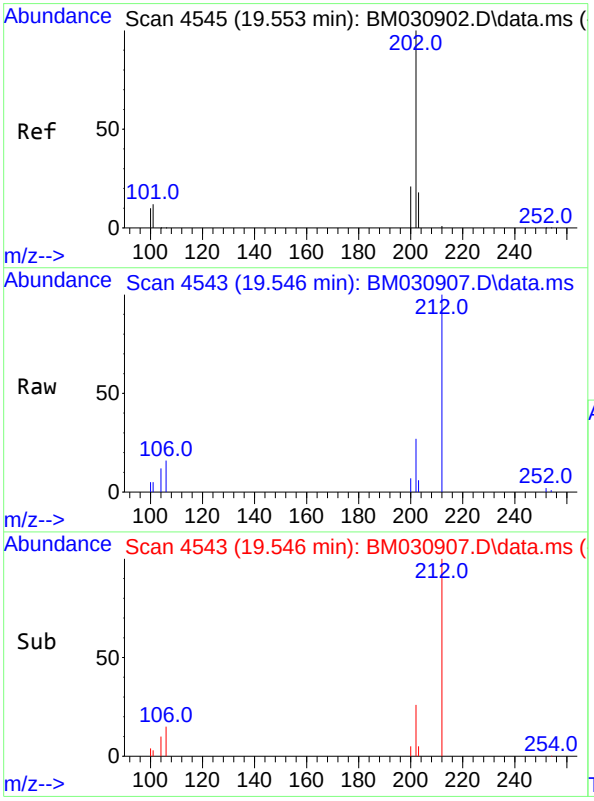


#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.187 min Scan# 4449
Delta R.T. -0.012 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:202 Resp: 1699

Ion	Ratio	Lower	Upper
202	100		
101	15.4	8.8	13.2#
100	14.7	6.9	10.3#

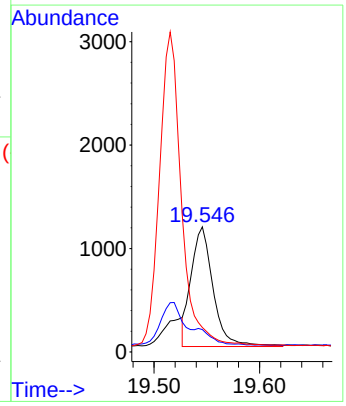




#20
Pyrene
Concen: 0.078 ng/ul m
RT: 19.546 min Scan# 4543
Delta R.T. -0.012 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:202 Resp: 1678

Ion	Ratio	Lower	Upper
202	100		
101	17.9	10.1	15.1#
100	19.6	8.2	12.2#



Instrument :
BNA_M
ClientSampleId :
BGDZ3

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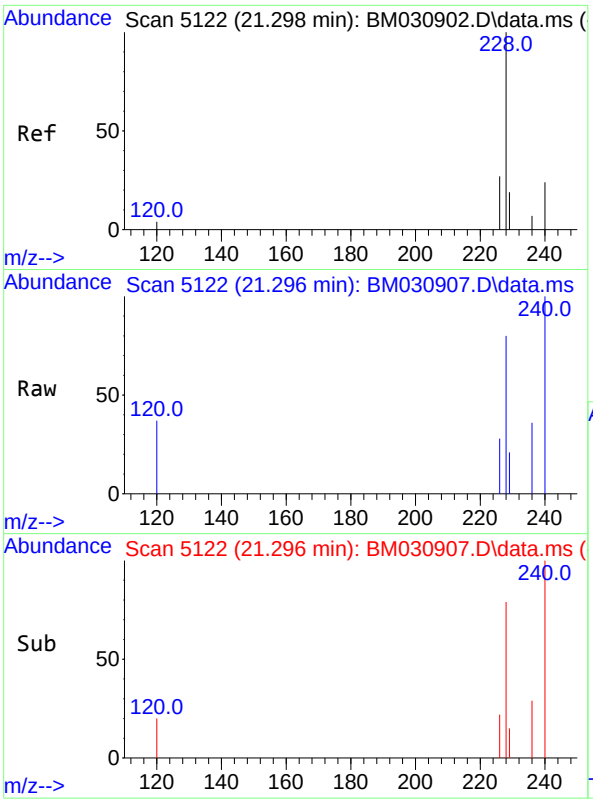
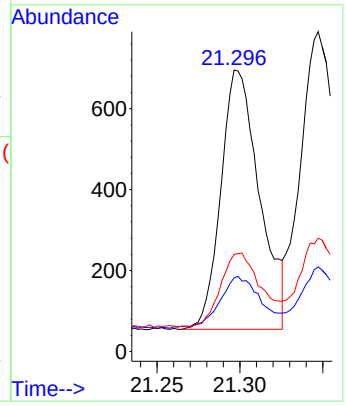


#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.296 min Scan# 5122
Delta R.T. -0.008 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:228 Resp: 1041

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.8	23.6#
226	34.5	22.2	33.4#



Instrument :
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ClientSampleId :
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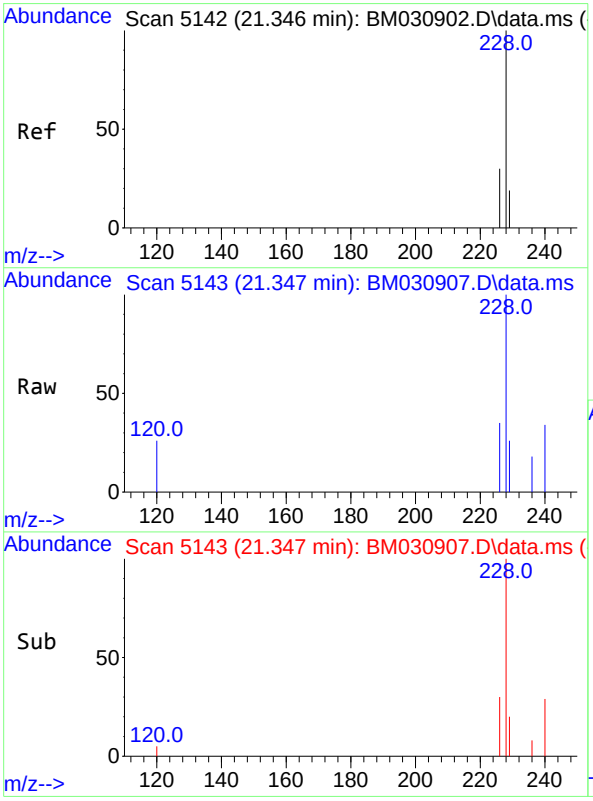
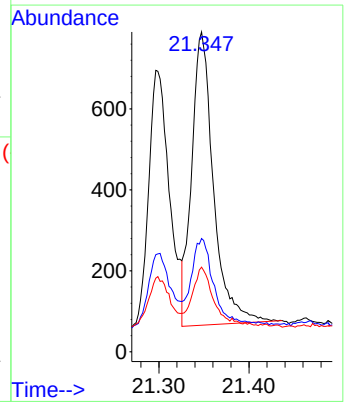
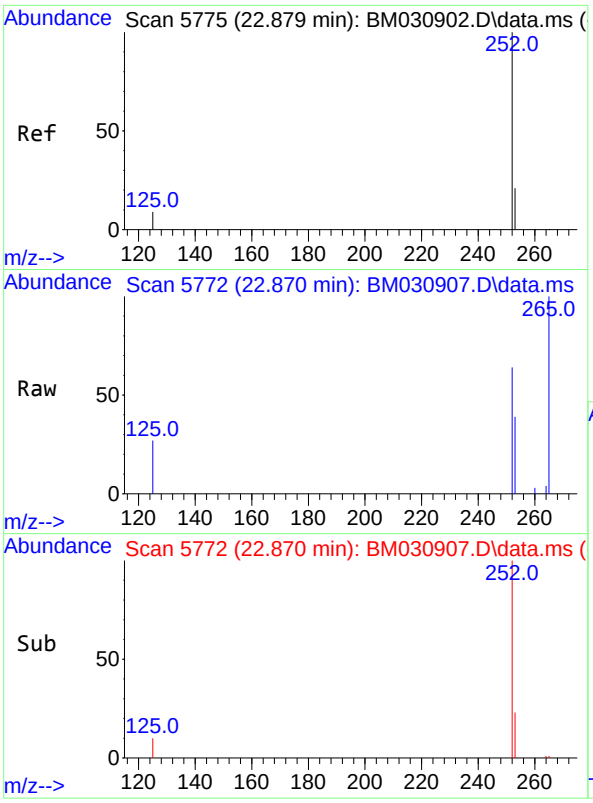


#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.347 min Scan# 5143
Delta R.T. -0.005 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:228 Resp: 1219

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.4	36.6
229	26.5	15.4	23.0#

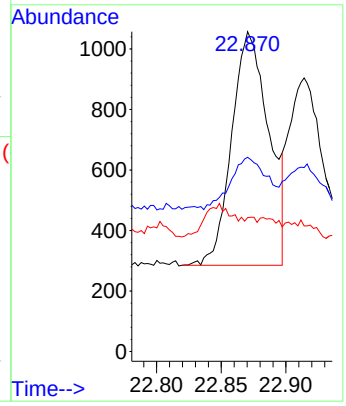


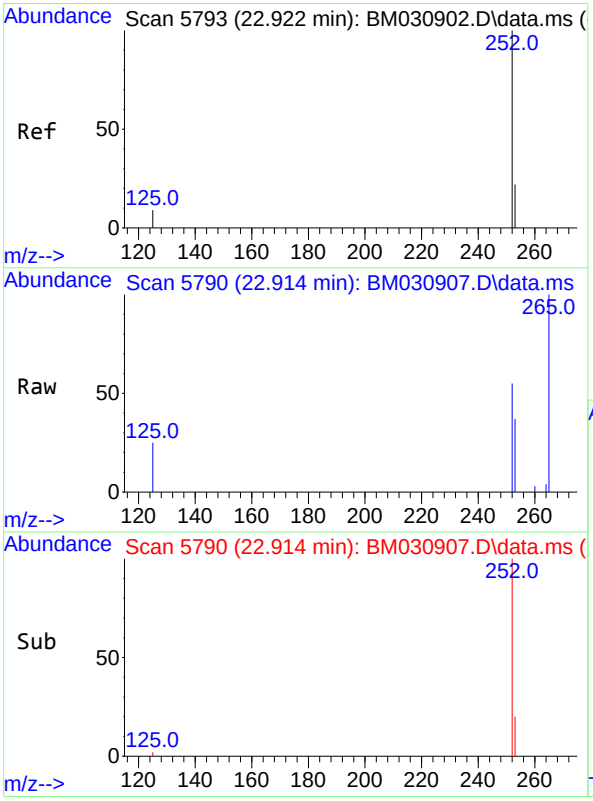


#24
Benzo(b)fluoranthene
Concen: 0.056 ng/ul
RT: 22.870 min Scan# 5772
Delta R.T. -0.015 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:252 Resp: 1543

Ion	Ratio	Lower	Upper
252	100		
253	60.7	0.0	50.2#
125	41.9	0.0	27.8#

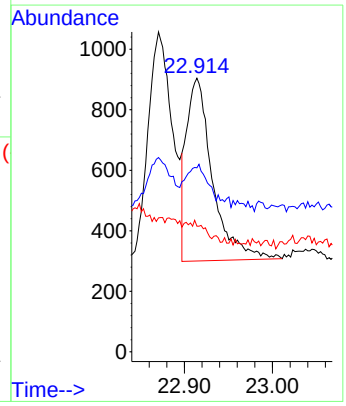




#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul
RT: 22.914 min Scan# 5790
Delta R.T. -0.017 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:252 Resp: 1236

Ion	Ratio	Lower	Upper
252	100		
253	67.3	20.6	31.0#
125	45.9	11.0	16.4#



Instrument :
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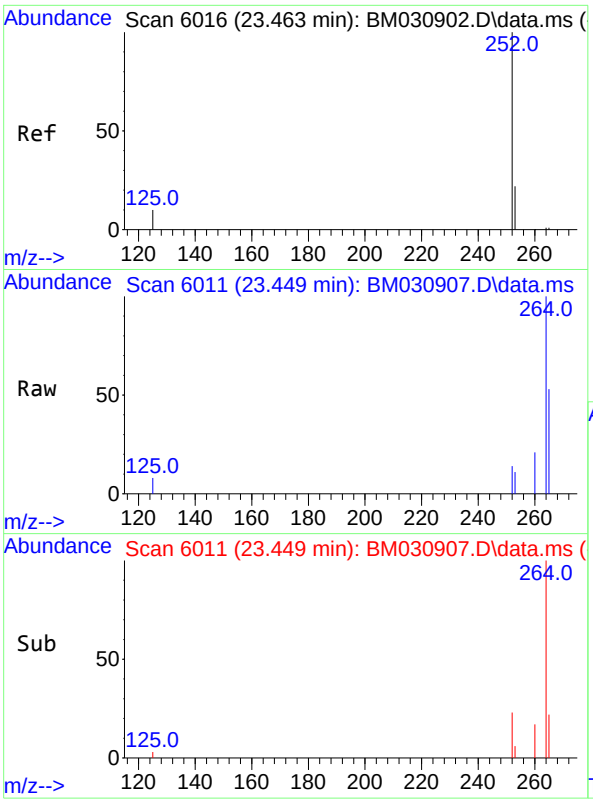
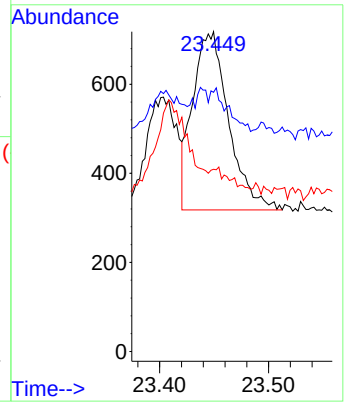
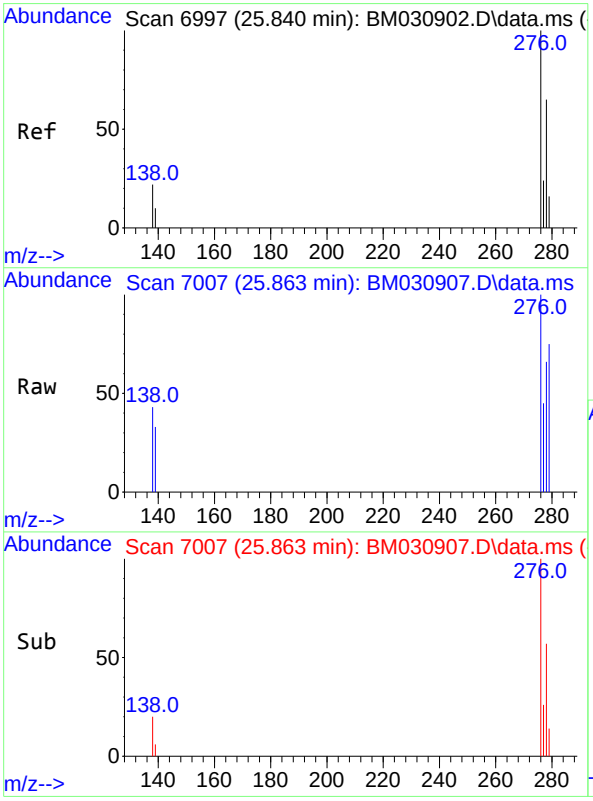


#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.449 min Scan# 6011
Delta R.T. -0.020 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:252 Resp: 915

Ion	Ratio	Lower	Upper
252	100		
253	81.1	22.0	33.0#
125	57.0	13.4	20.2#

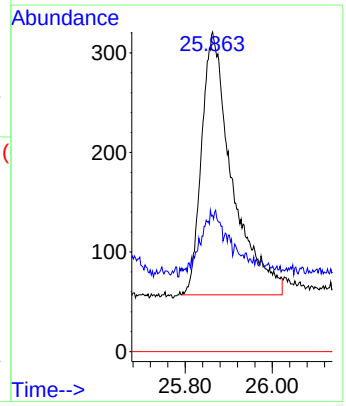




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. 0.009 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:276 Resp: 1279

Ion	Ratio	Lower	Upper
276	100		
138	16.1	19.1	28.7#
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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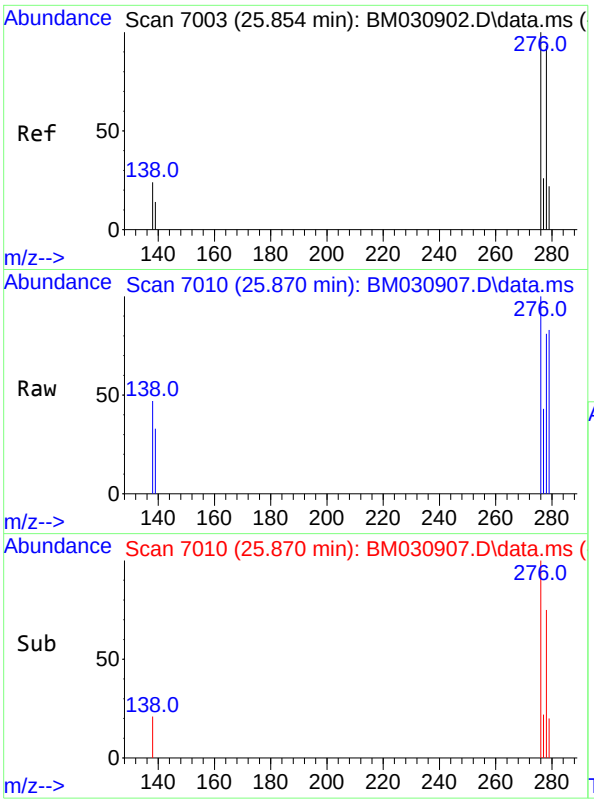
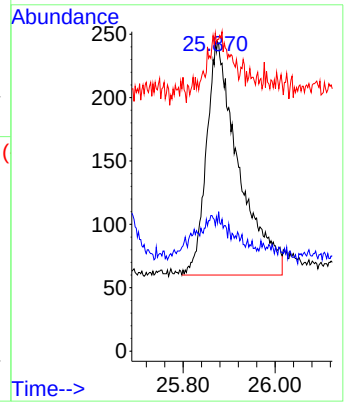
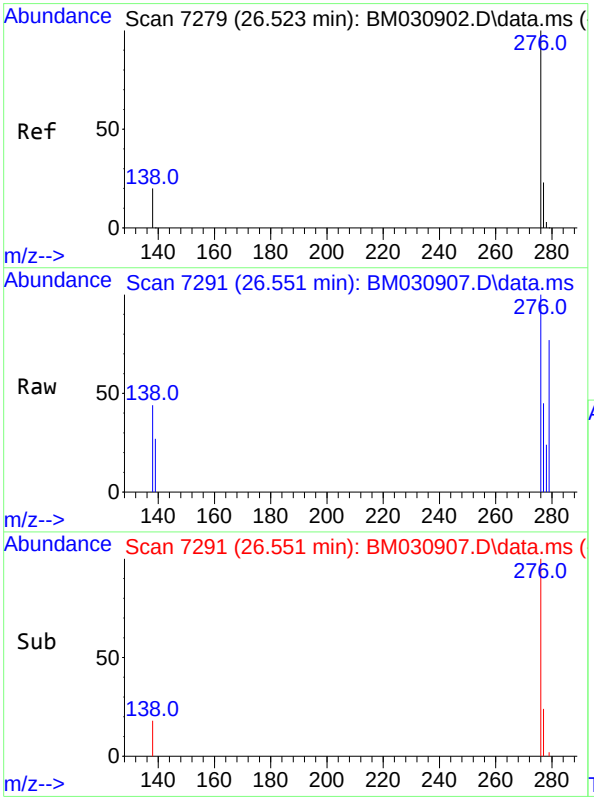


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. 0.002 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:278 Resp: 905

Ion	Ratio	Lower	Upper
278	100		
139	40.6	14.2	21.4#
279	102.9	21.6	32.4#

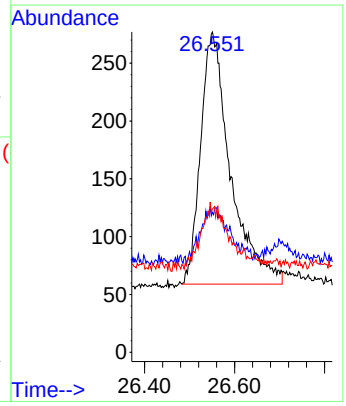




#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.551 min Scan# 7291
Delta R.T. 0.012 min
Lab File: BM030907.D
Acq: 09 Jul 2021 05:24

Tgt Ion:276 Resp: 1005

Ion	Ratio	Lower	Upper
276	100		
138	43.7	18.0	27.0#
277	44.8	19.5	29.3#



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