Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032593.D
Acq On : 19 Oct 2021 20:36
Operator : CG/JU
Sample : M4181-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B02

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Quant Time: Oct 20 02:56:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	5179	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	15515	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7044	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	12623	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	9523	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	9241	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	6195	1.07	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2178	0.11	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3575	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	6424	0.14	ng/ul	98
7) 2-Methylnaphthalene	12.017	142	4911	0.16	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	3985	0.13	ng/ul	100
10) Acenaphthylene	13.933	152	3380	0.11	ng/ul	96
15) Phenanthrene	16.991	178	14382	0.34	ng/ul	100
16) Anthracene	17.078	178	2164m	0.06	ng/ul	
19) Fluoranthene	19.004	202	22995	0.49	ng/ul	99
20) Pyrene	19.366	202	15621	0.32	ng/ul	99
21) Benzo(a)anthracene	21.109	228	9720	0.26	ng/ul	95
22) Chrysene	21.159	228	16484	0.40	ng/ul	98
24) Benzo(b)fluoranthene	22.631	252	20866m	0.49	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	7253m	0.17	ng/ul	
26) Benzo(a)pyrene	23.169	252	3804	0.11	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.376	276	5201	0.12	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.379	278	2837	0.08	ng/ul#	62

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032593.D
Acq On : 19 Oct 2021 20:36
Operator : CG/JU
Sample : M4181-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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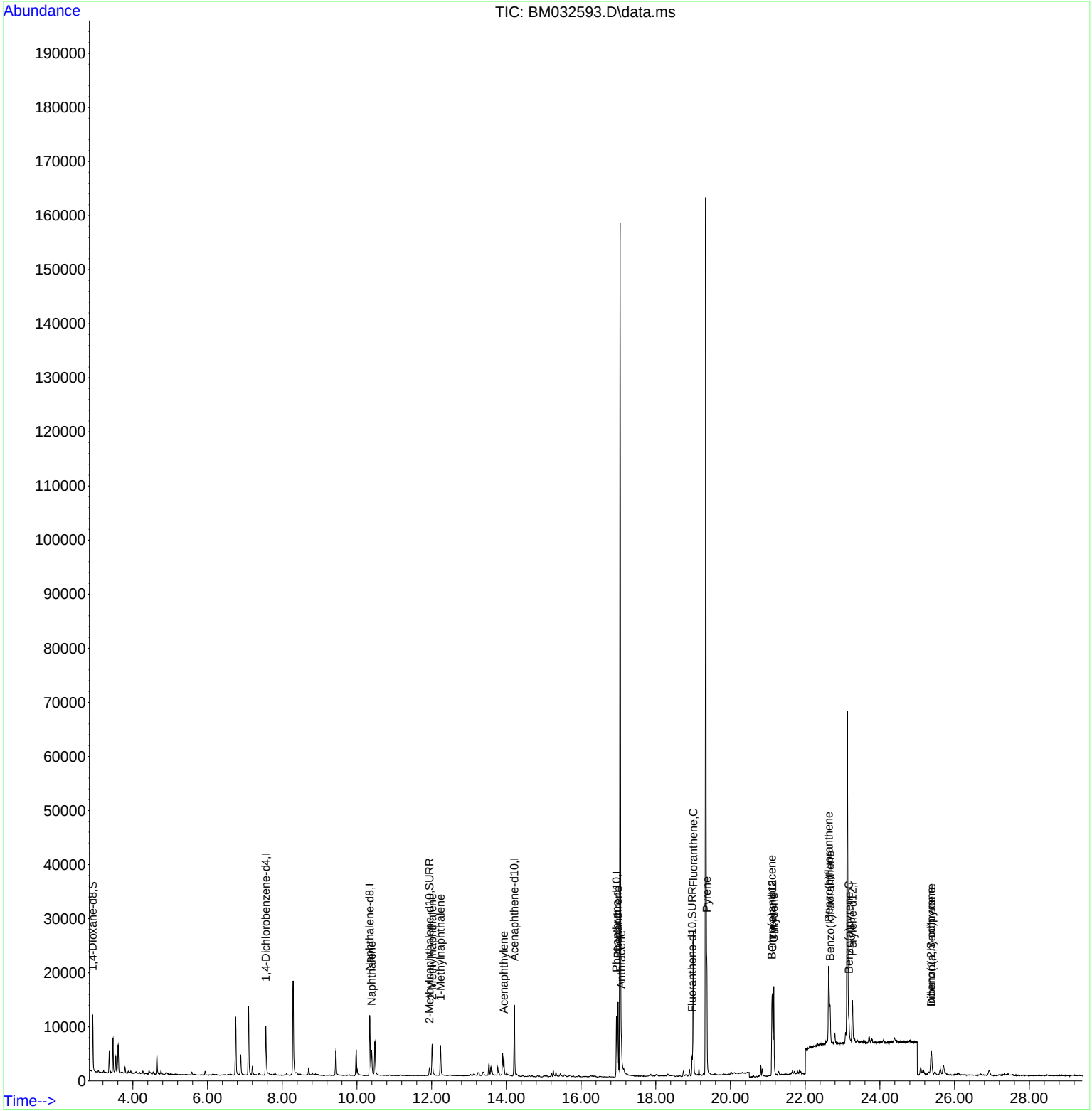
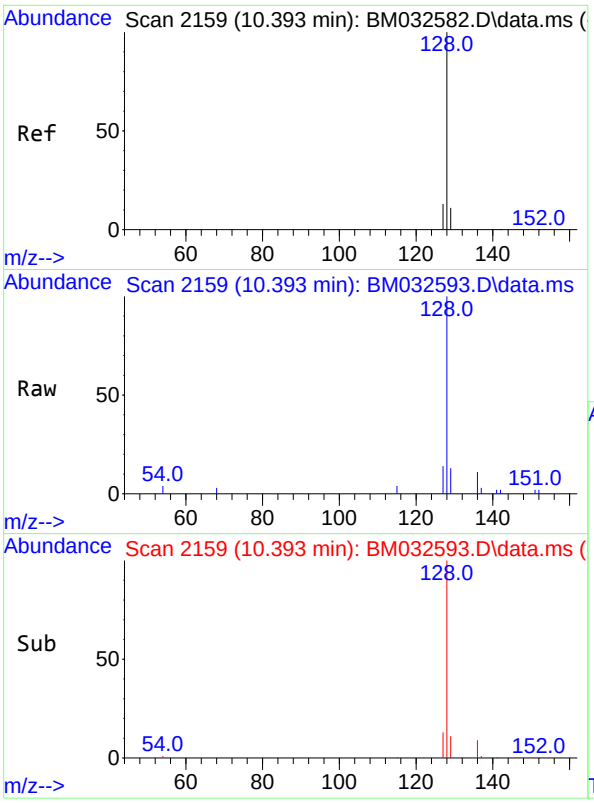
Quant Time: Oct 20 02:56:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

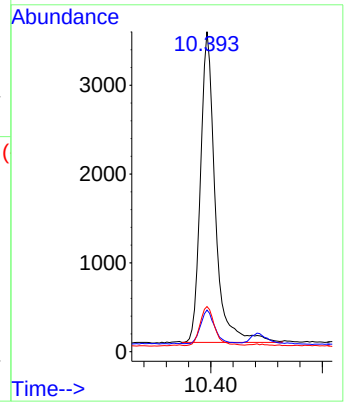




#5
Naphthalene
Concen: 0.14 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:128 Resp: 6424

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	14.1	11.1	16.7



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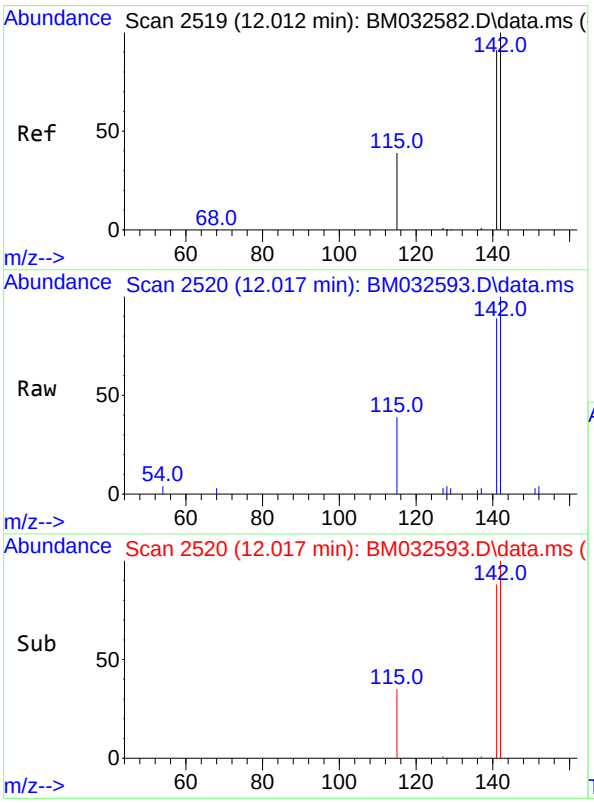
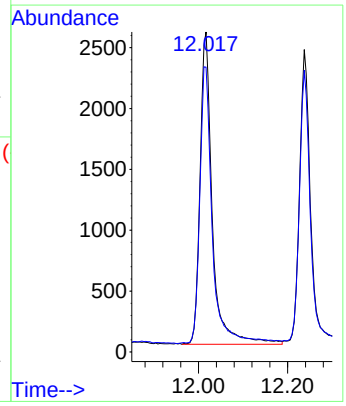
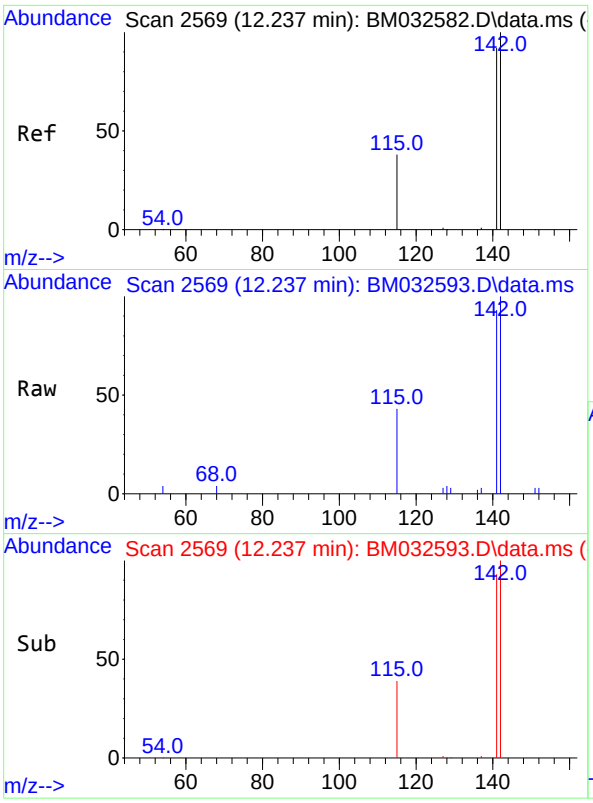


#7
2-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:142 Resp: 4911

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2

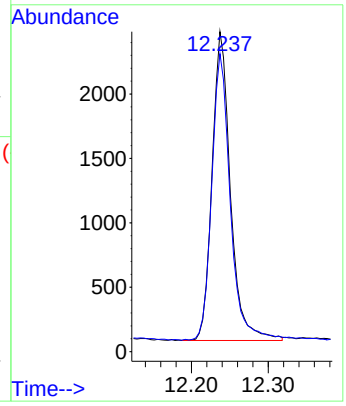




#8
1-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:142 Resp: 3985

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.9	112.3



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ClientSampleId :
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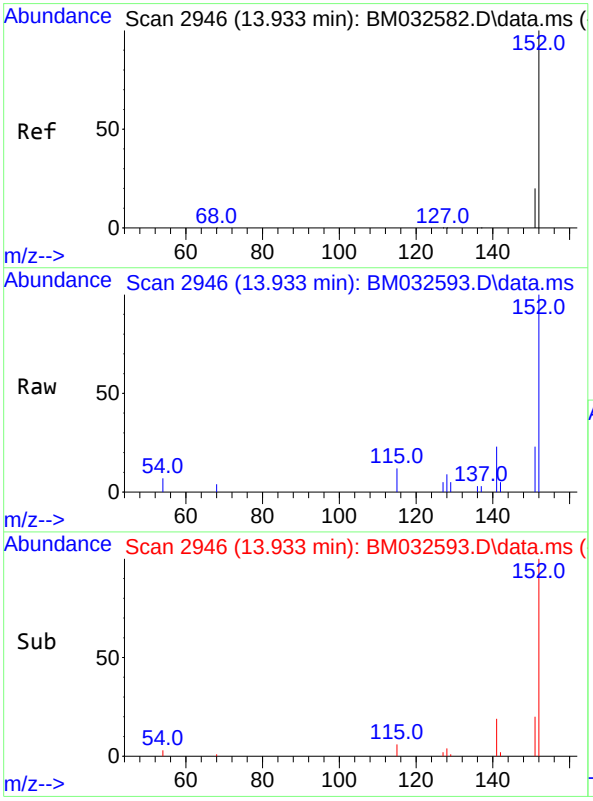
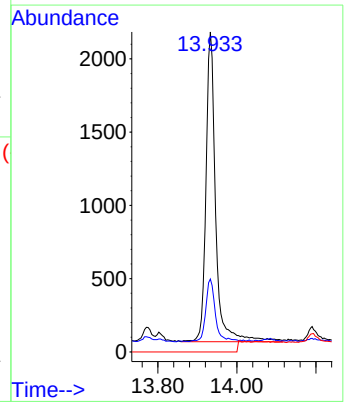
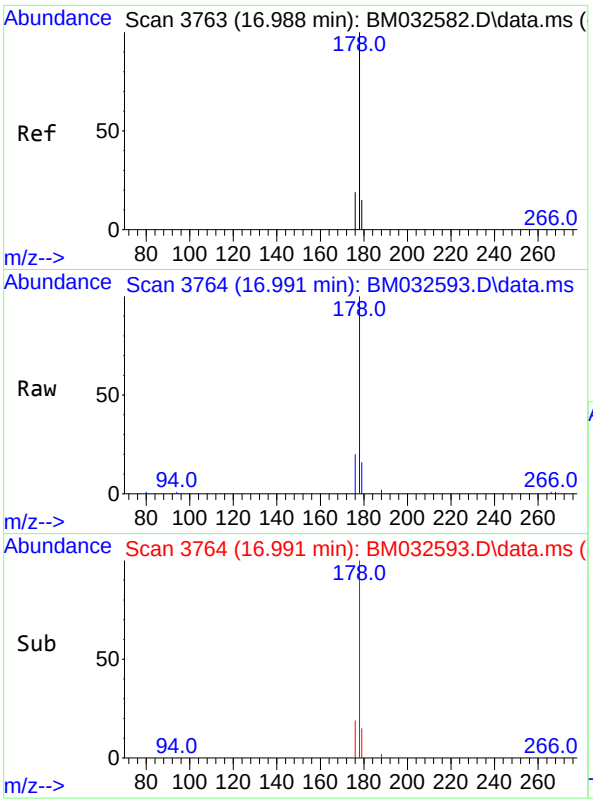


#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:152 Resp: 3380

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.7	25.1
153	0.0	0.0	0.0

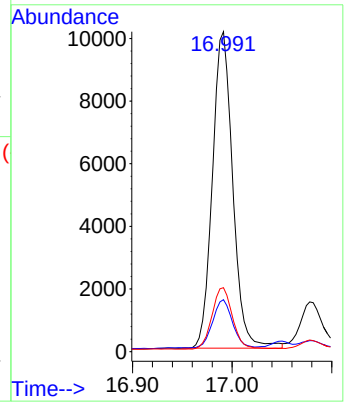




#15
Phenanthrene
Concen: 0.34 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. 0.004 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:178 Resp: 14382

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.0	16.1	24.1



Instrument :
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ClientSampleId :
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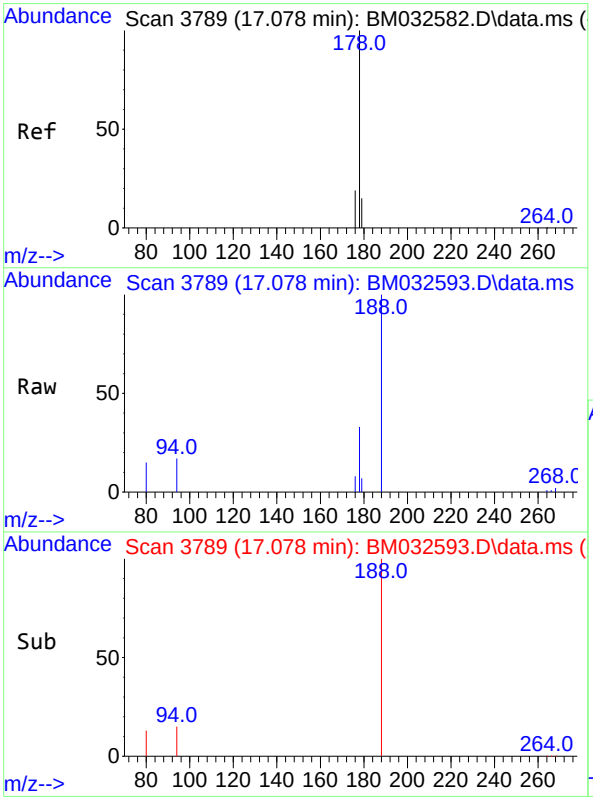
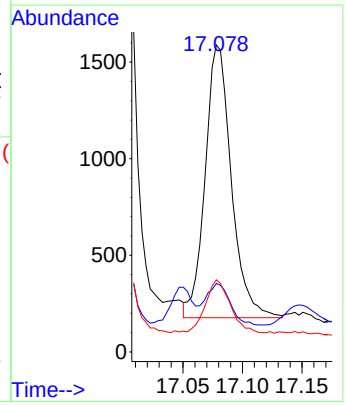
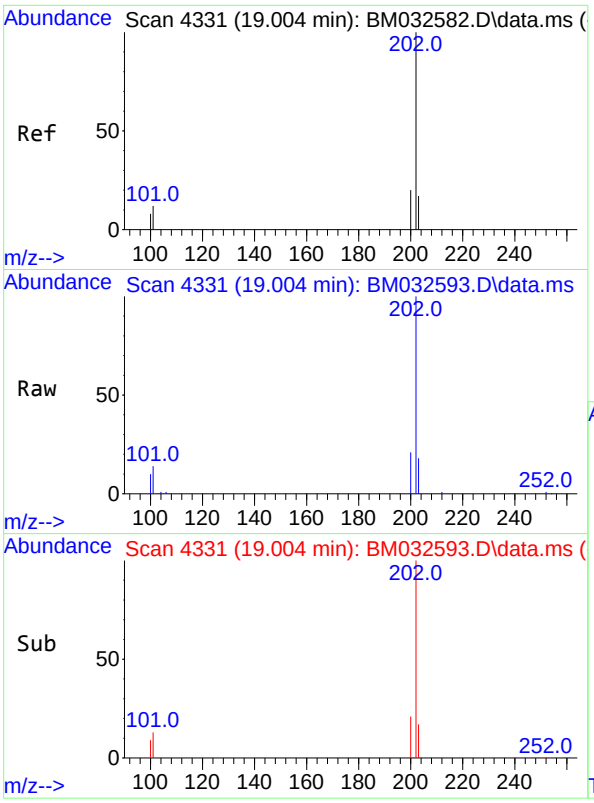


#16
Anthracene
Concen: 0.06 ng/ul m
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:178 Resp: 2164

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.9	19.3#
176	23.5	15.8	23.6

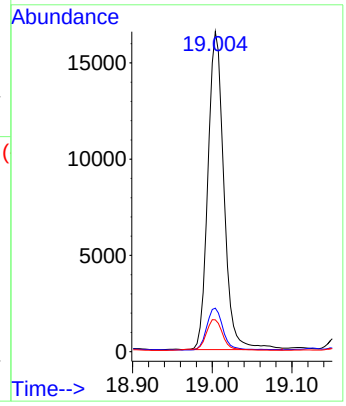


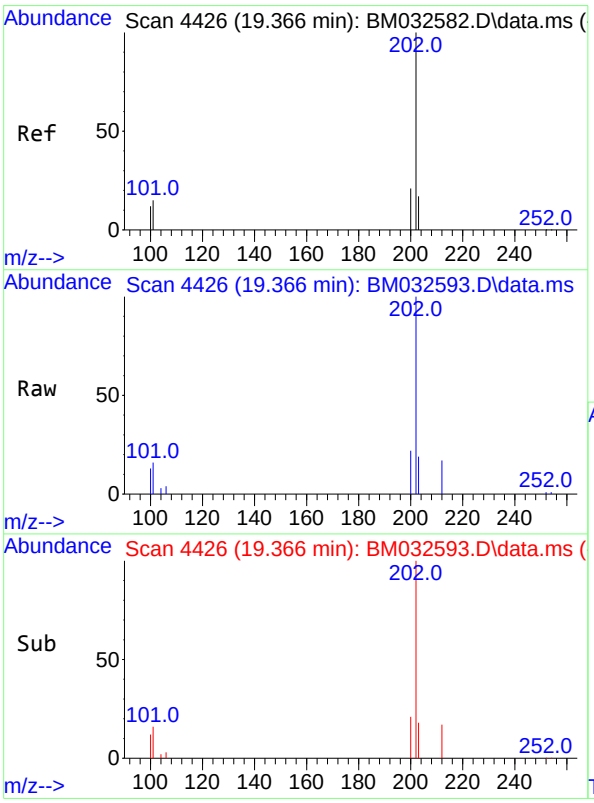


#19
Fluoranthene
Concen: 0.49 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:202 Resp: 22995

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	16.0
100	10.0	7.8	11.8

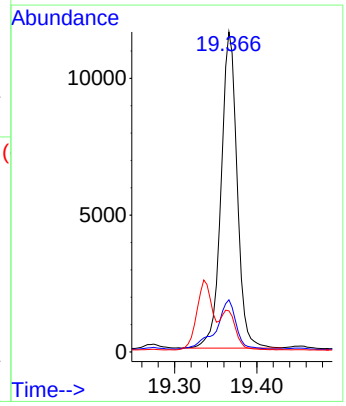




#20
Pyrene
Concen: 0.32 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:202 Resp: 15621

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.3	18.5
100	12.9	10.1	15.1



Instrument :
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ClientSampleId :
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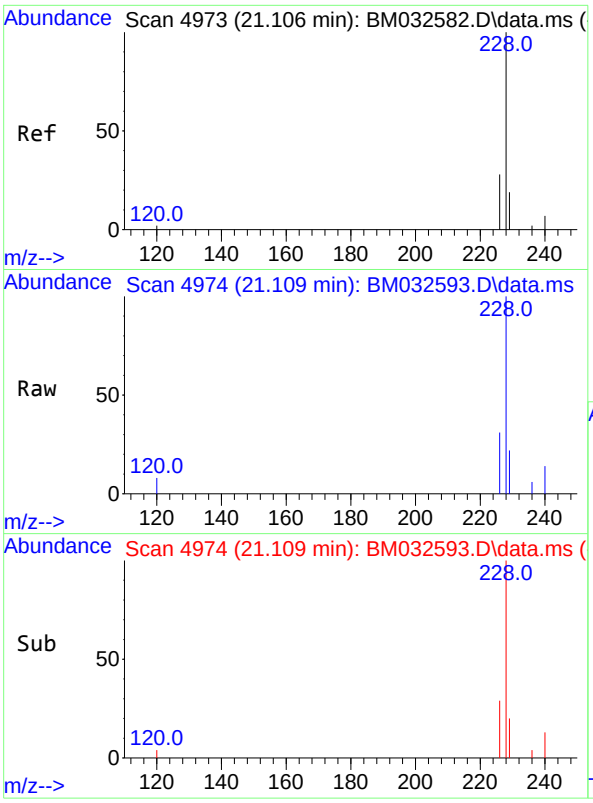
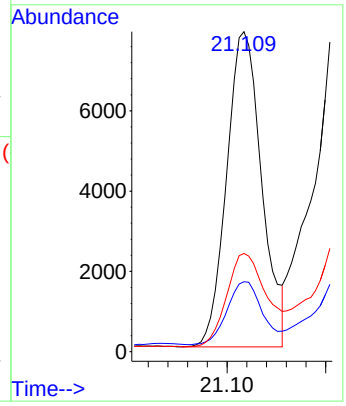


#21
Benzo(a)anthracene
Concen: 0.26 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. 0.002 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:228 Resp: 9720

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.9	23.9
226	30.7	22.4	33.6



Instrument :
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ClientSampleId :
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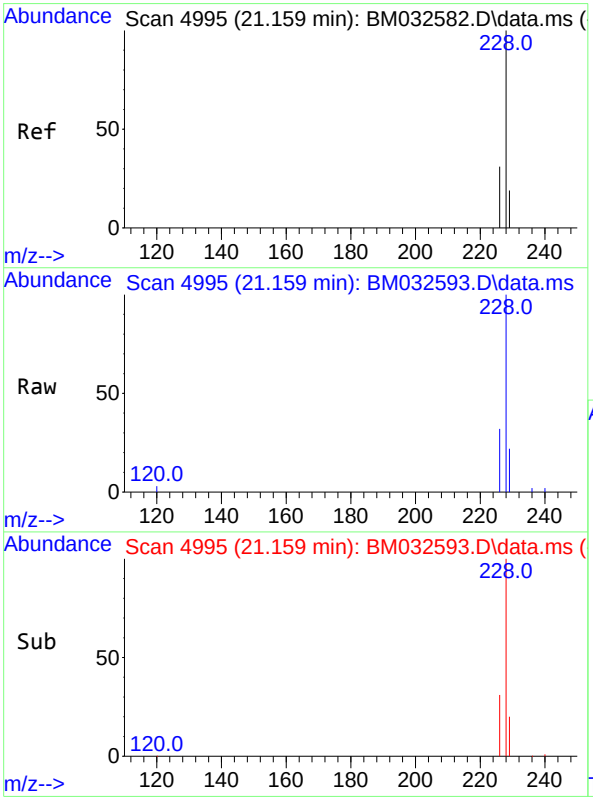
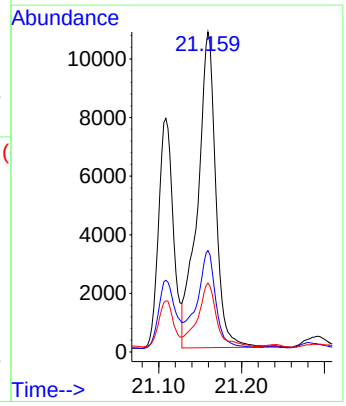
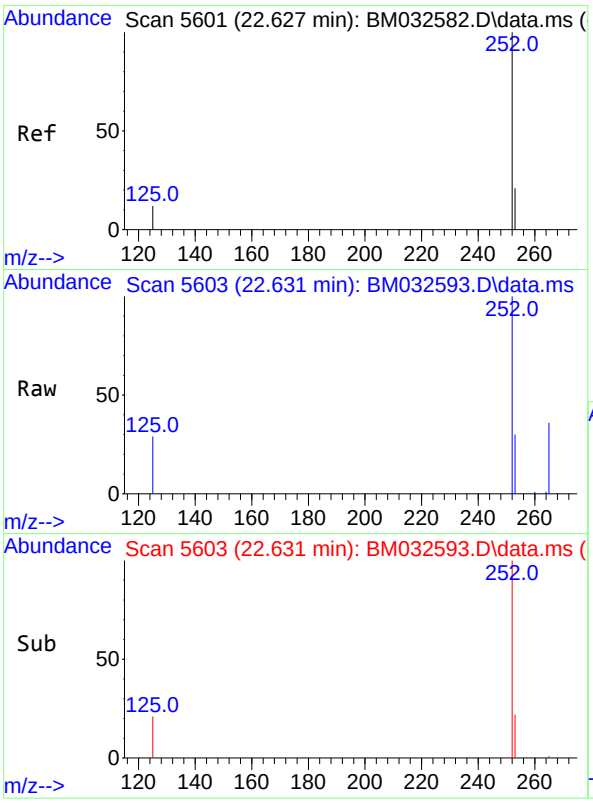


#22
Chrysene
Concen: 0.40 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:228 Resp: 16484

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.1	37.7
229	21.5	15.7	23.5

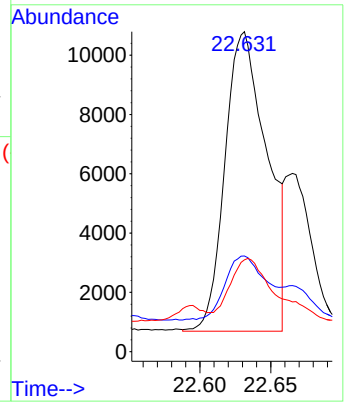


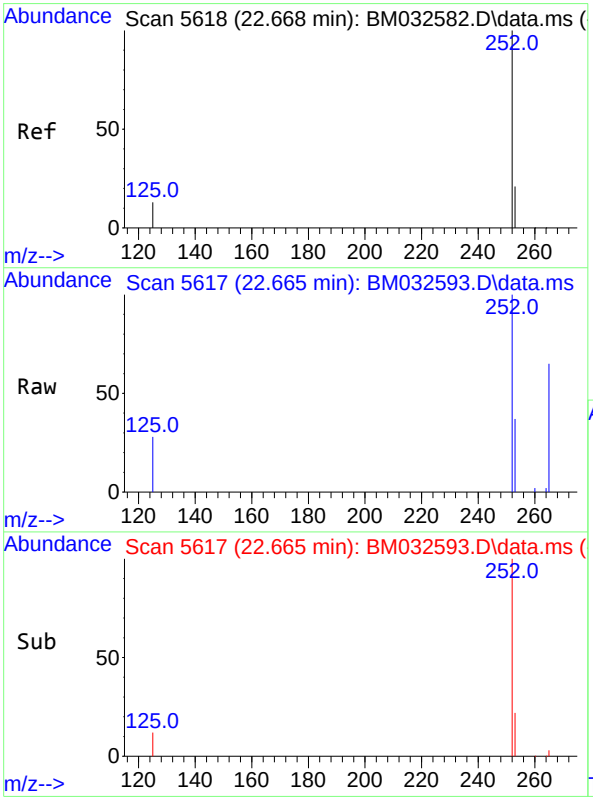


#24
Benzo(b)fluoranthene
Concen: 0.49 ng/ul m
RT: 22.631 min Scan# 5603
Delta R.T. 0.005 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:252 Resp: 20866

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	53.8
125	28.7	0.0	35.6

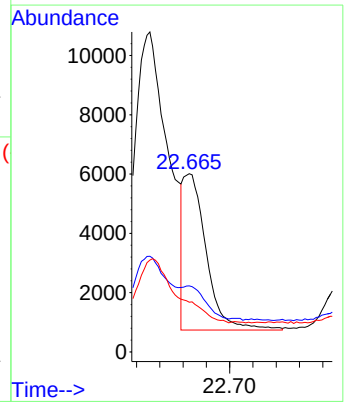




#25
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:252 Resp: 7253

Ion	Ratio	Lower	Upper
252	100		
253	37.1	21.8	32.6#
125	27.9	14.4	21.6#



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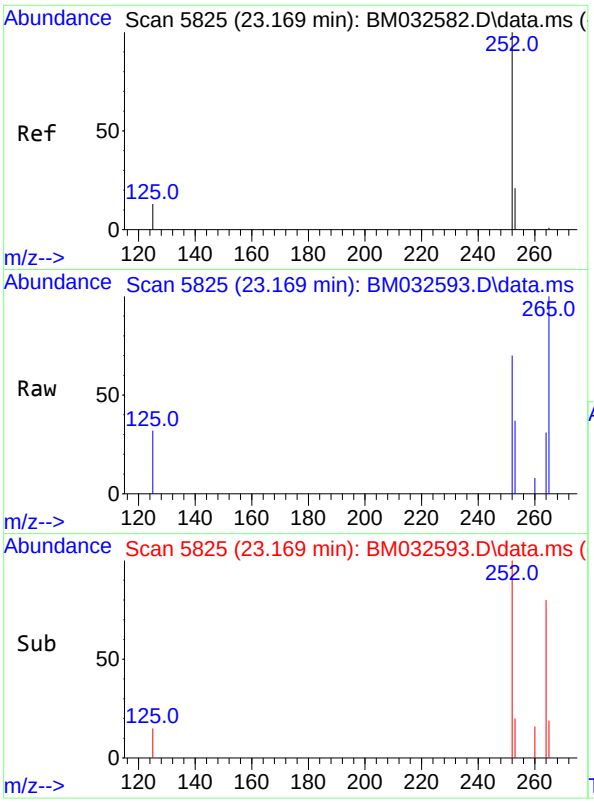
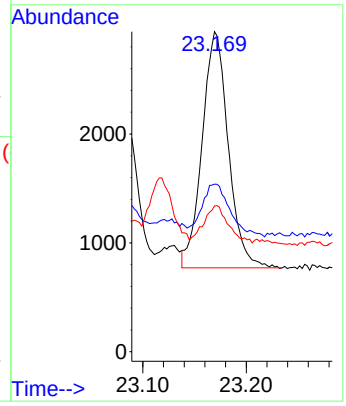


#26
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.169 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:252 Resp: 3804

Ion	Ratio	Lower	Upper
252	100		
253	52.3	23.6	35.4#
125	45.6	17.1	25.7#



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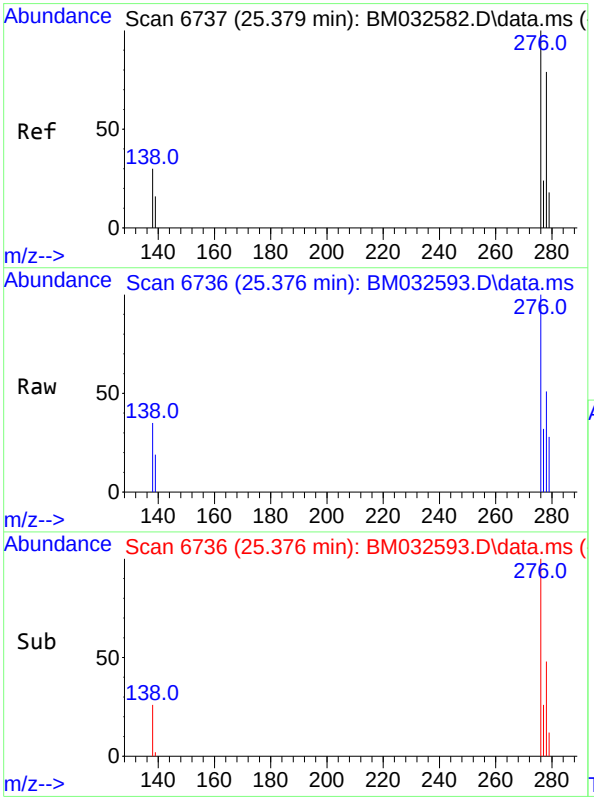
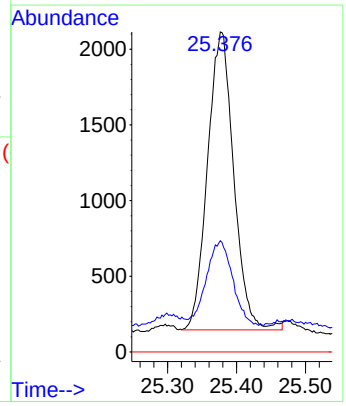
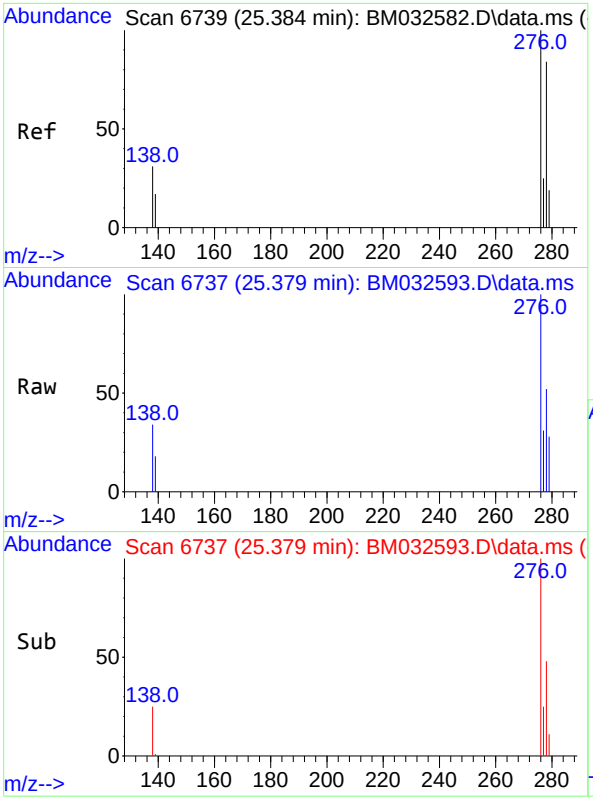


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.002 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:276 Resp: 5201

Ion	Ratio	Lower	Upper
276	100		
138	28.6	24.9	37.3
227	0.0	0.0	0.0

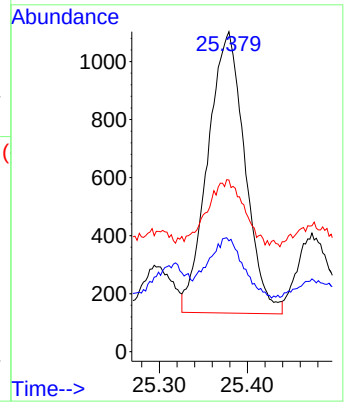




#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. -0.005 min
Lab File: BM032593.D
Acq: 19 Oct 2021 20:36

Tgt Ion:278 Resp: 2837

Ion	Ratio	Lower	Upper
278	100		
139	34.6	18.6	28.0#
279	53.7	22.0	33.0#



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