Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040947.D
Acq On : 18 Jul 2023 09:42
Operator : MA/JU
Sample : 03458-16DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 18 22:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.849	152	4542	0.400	ng/ul		0.00
4) Naphthalene-d8	10.653	136	20561	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.495	164	6487	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.249	188	15474	0.400	ng/ul		0.00
17) Chrysene-d12	21.442	240	8971	0.400	ng/ul		0.00
23) Perylene-d12	23.816	264	9792	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.280	96	5999	0.841	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.247	152	958	0.033	ng/ul		0.00
18) Fluoranthene-d10	19.278	212	1315	0.046	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.702	128	5002	0.088	ng/ul	#	94
7) 2-Methylnaphthalene	12.324	142	1016	0.031	ng/ul		98
8) 1-Methylnaphthalene	12.539	142	2023	0.061	ng/ul		95
10) Acenaphthylene	14.217	152	1413	0.049	ng/ul	#	75
11) Acenaphthene	14.560	153	8272	0.338	ng/ul		99
12) Fluorene	15.550	166	8024	0.307	ng/ul		99
15) Phenanthrene	17.291	178	63053	1.312	ng/ul		99
16) Anthracene	17.379	178	9856	0.244	ng/ul		98
19) Fluoranthene	19.311	202	57600	1.512	ng/ul		97
20) Pyrene	19.673	202	29714	0.727	ng/ul		99
21) Benzo(a)anthracene	21.428	228	17999	0.593	ng/ul		98
22) Chrysene	21.478	228	17939	0.518	ng/ul		97
24) Benzo(b)fluoranthene	23.094	252	22142	0.584	ng/ul		98
26) Benzo(a)pyrene	23.711	252	4649	0.136	ng/ul	#	78
27) Indeno(1,2,3-cd)pyrene	26.263	276	5214	0.110	ng/ul		91
28) Dibenzo(a,h)anthracene	26.277	278	2324	0.062	ng/ul	#	62

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
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Quant Time: Jul 18 22:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
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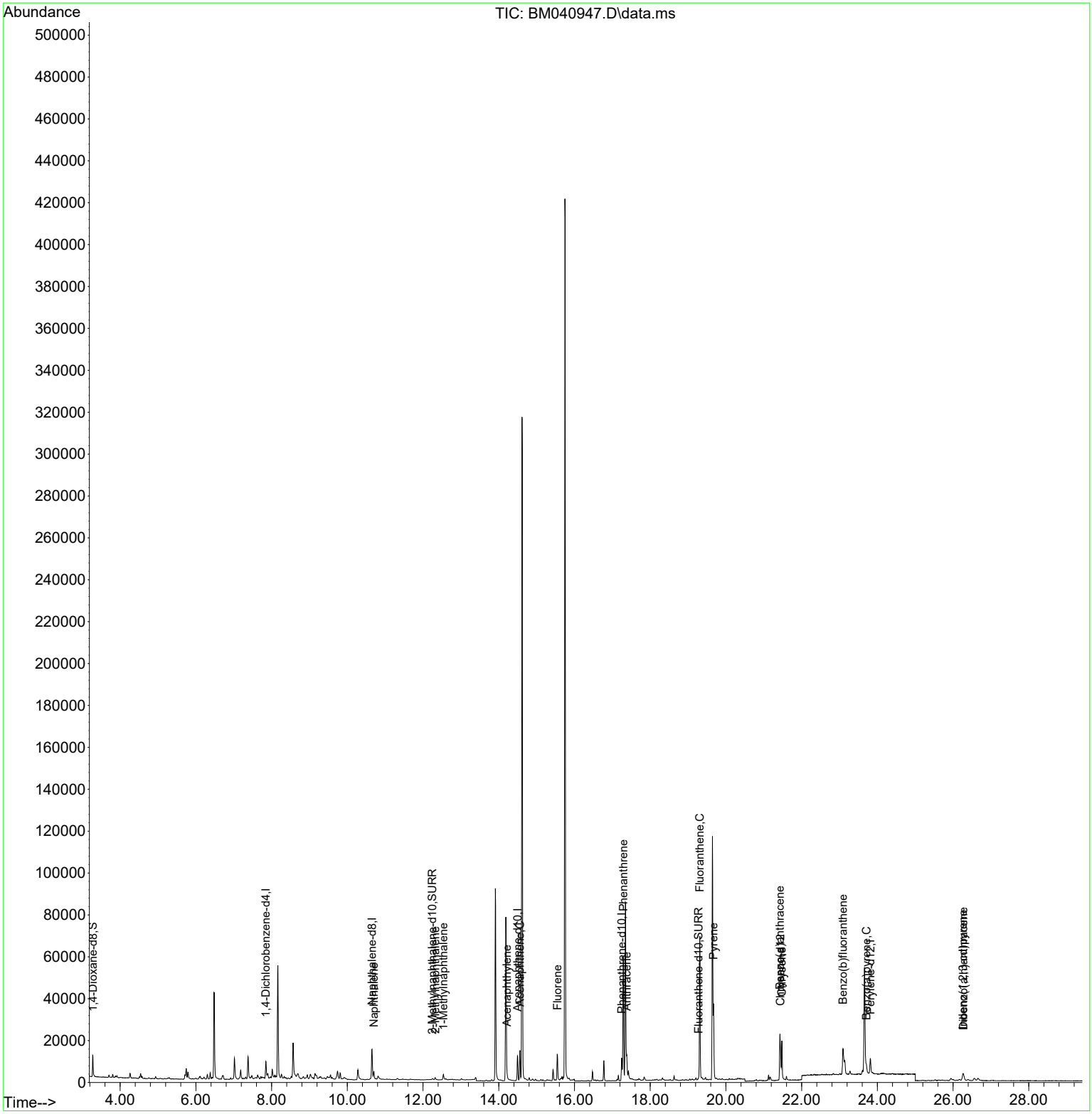
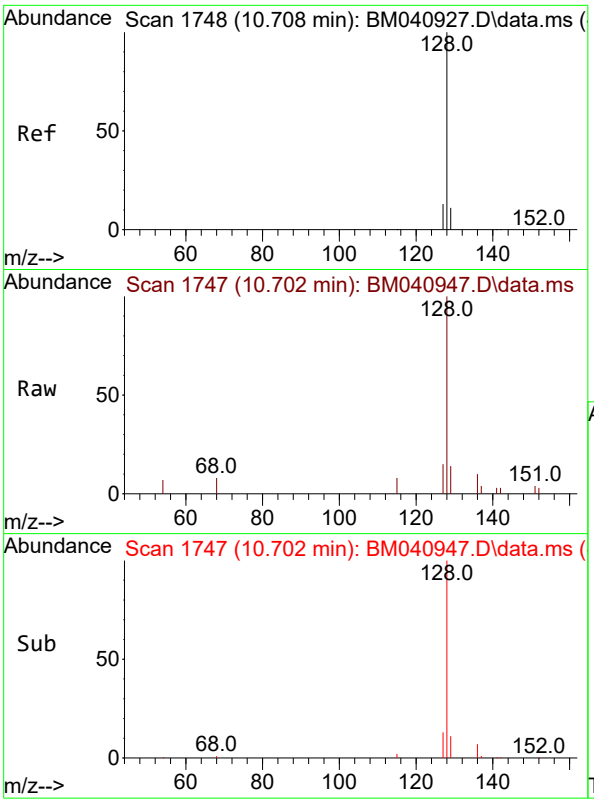


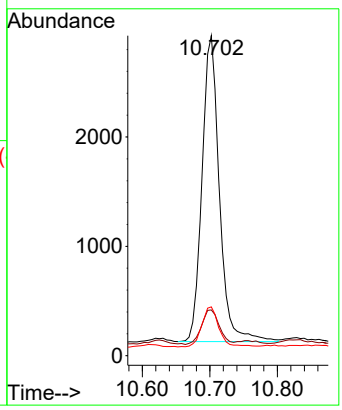


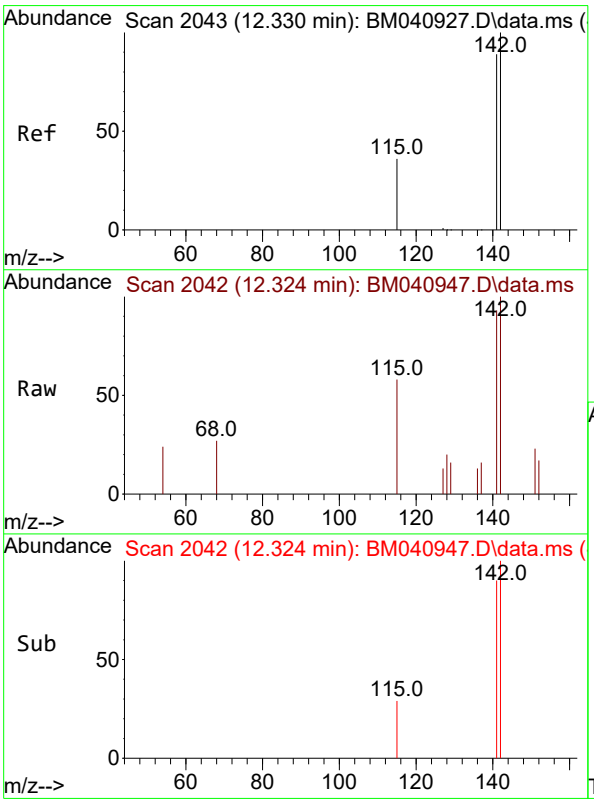
#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.702 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 5002

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.2	13.8#
127	15.2	10.6	15.8

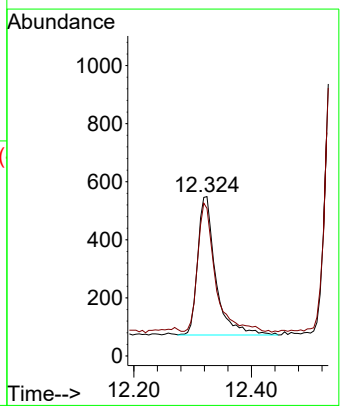


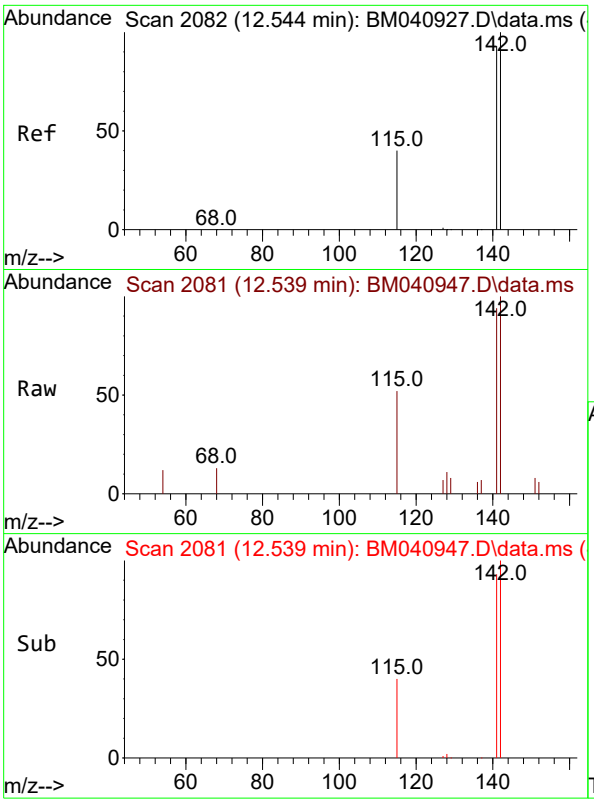


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:142 Resp: 1016

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9



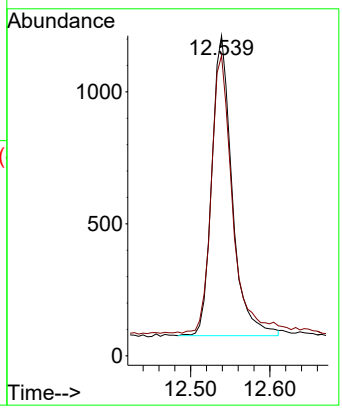


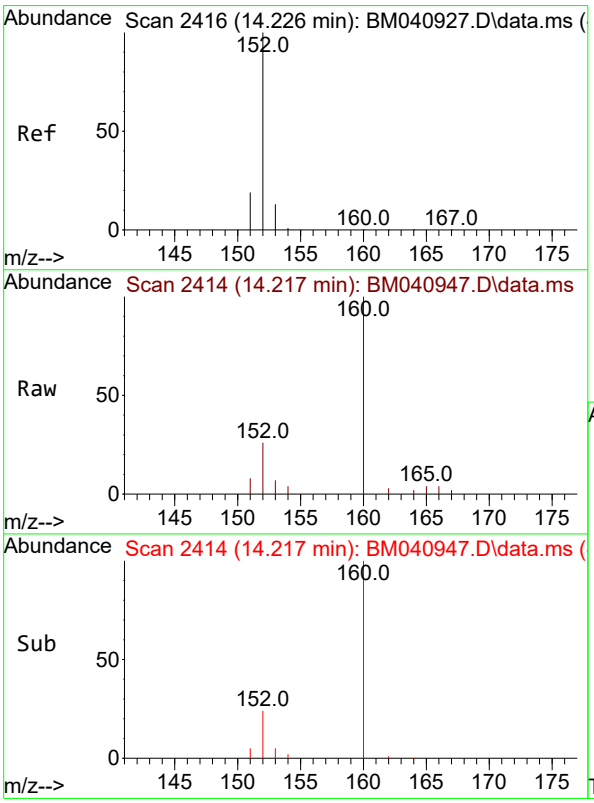
#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2023

Ion	Ratio	Lower	Upper
142	100		
141	96.7	73.7	110.5

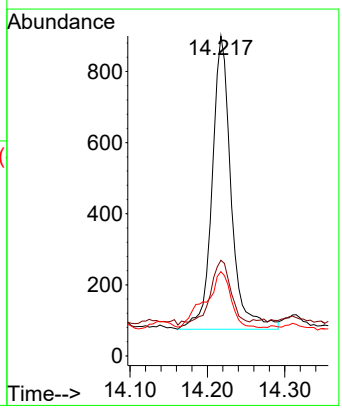


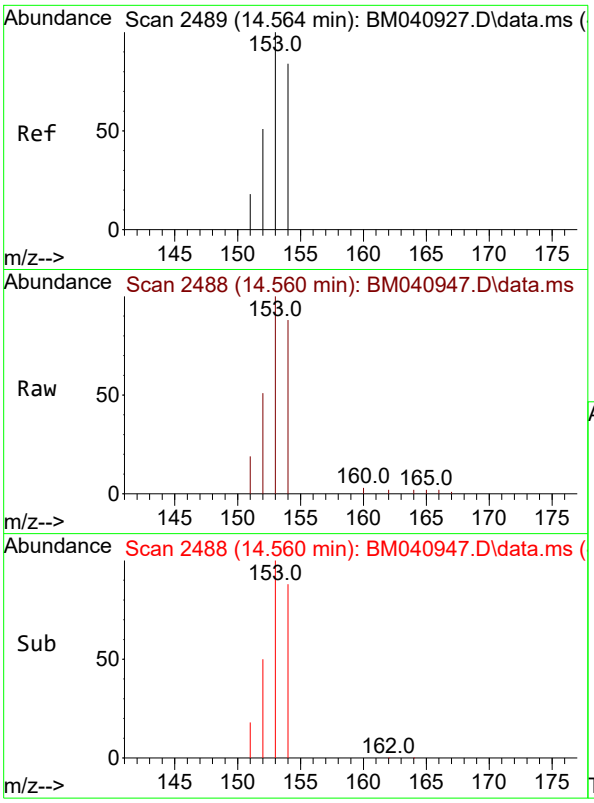


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:152 Resp: 1413

Ion	Ratio	Lower	Upper
152	100		
151	29.9	16.2	24.2#
153	26.3	10.9	16.3#



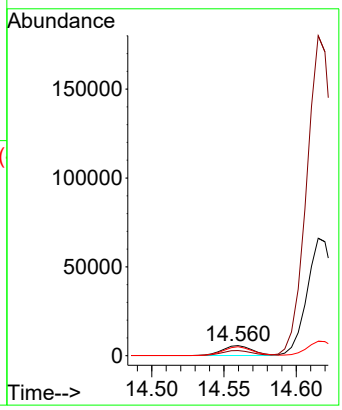


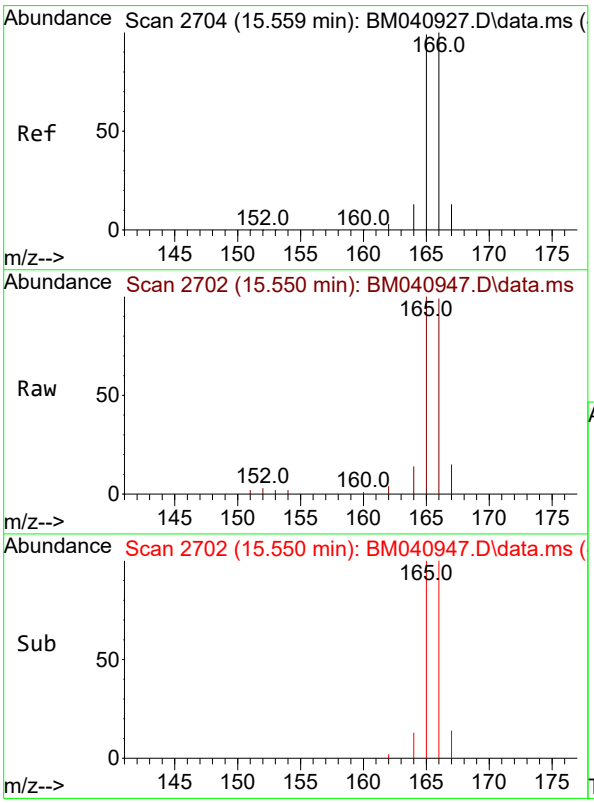
#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.560 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 8272

Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.0	61.4
154	87.6	70.8	106.2

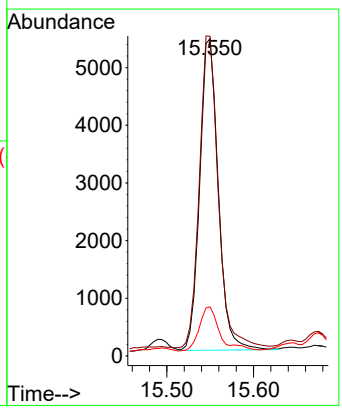


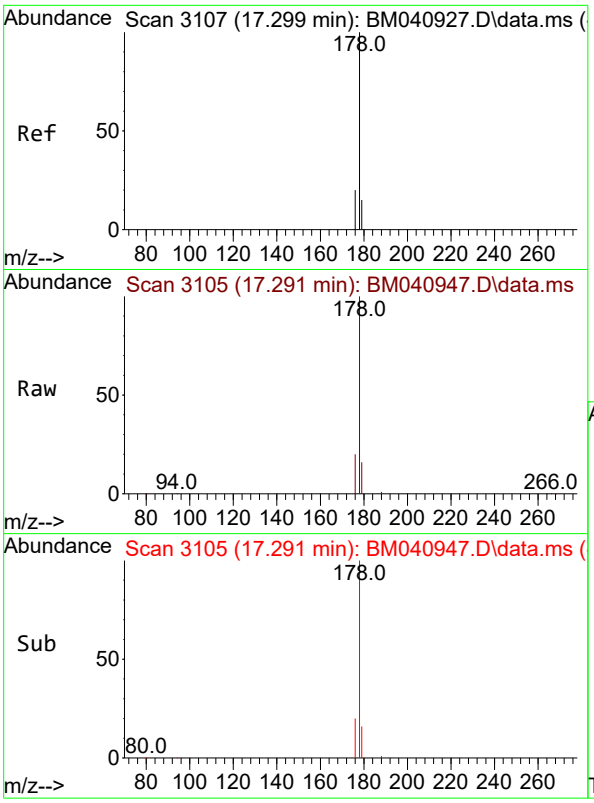


#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.005 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:166 Resp: 8024

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.6	119.4
167	15.5	11.4	17.0



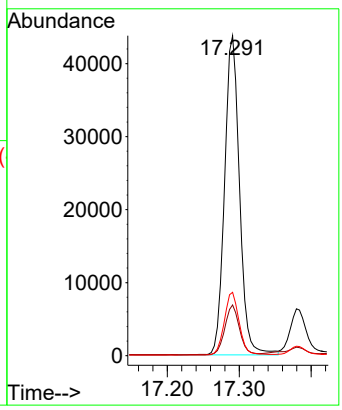


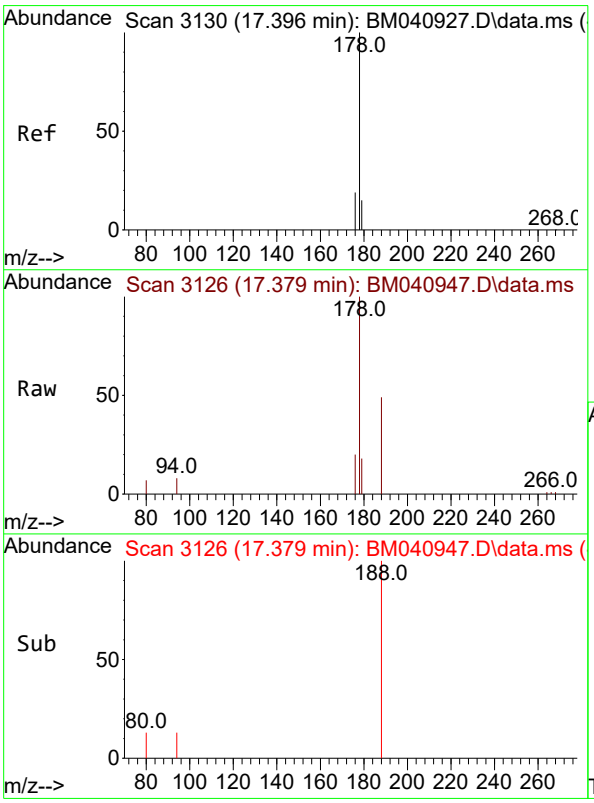
#15
Phenanthrene
Concen: 1.312 ng/ul
RT: 17.291 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 63053

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.8	16.4	24.6

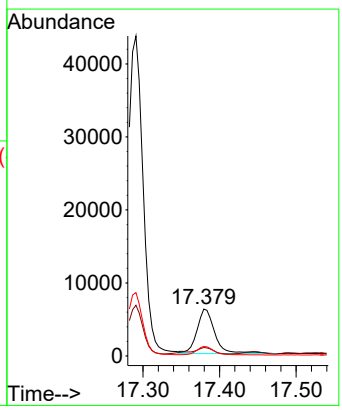


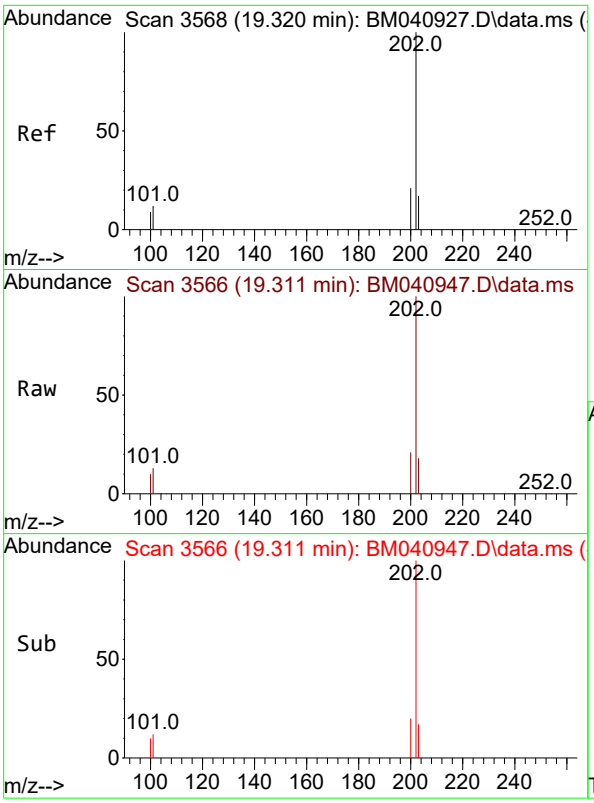


#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:178 Resp: 9856

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.9	19.3
176	20.1	15.8	23.6



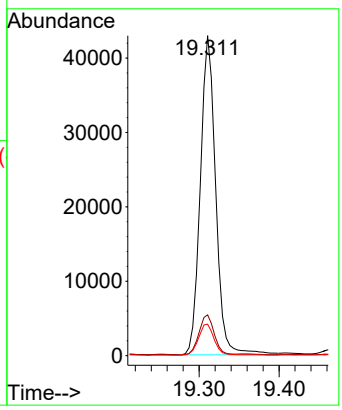


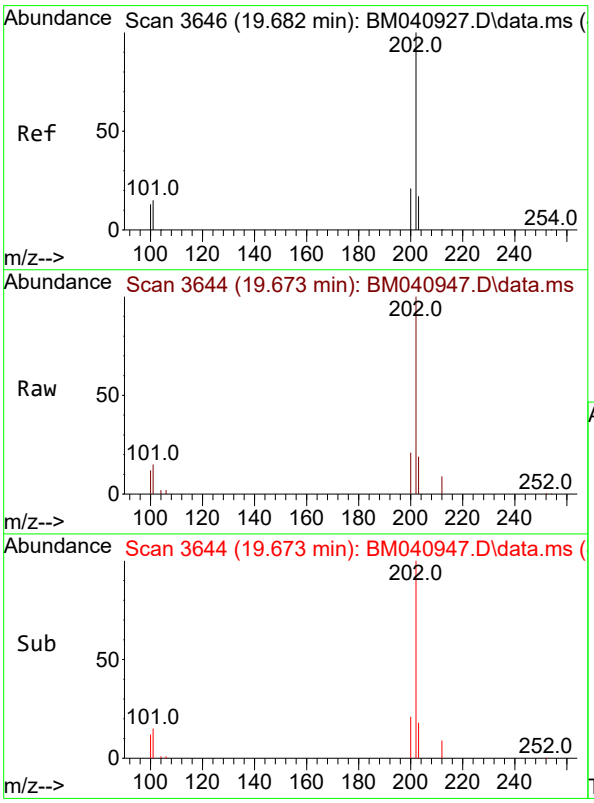
#19
Fluoranthene
Concen: 1.512 ng/ul
RT: 19.311 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 57600

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.4	17.0
100	9.8	8.7	13.1

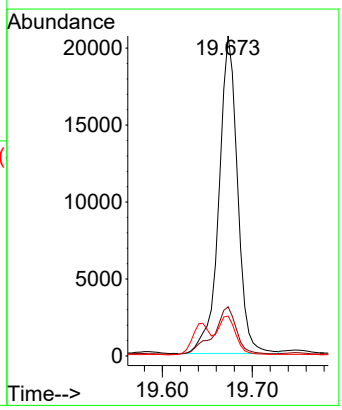


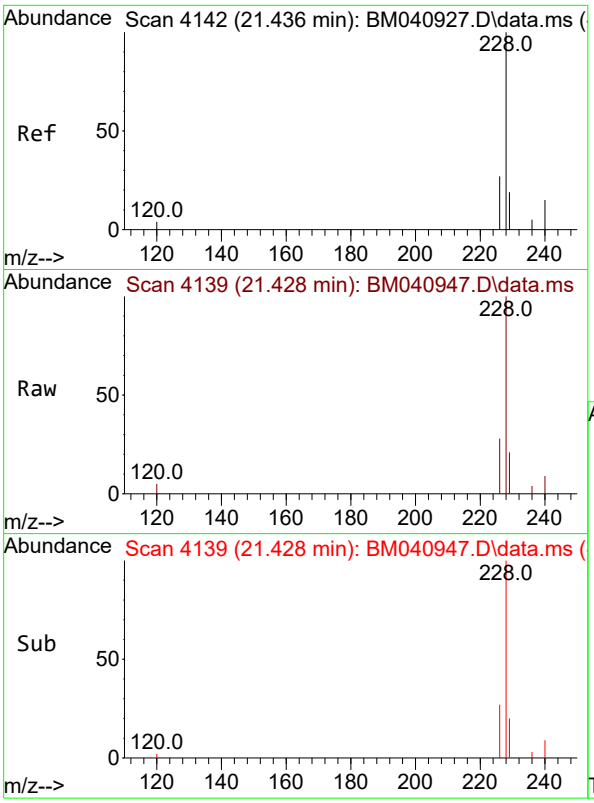


#20
Pyrene
Concen: 0.727 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:202 Resp: 29714

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	12.4	9.8	14.6



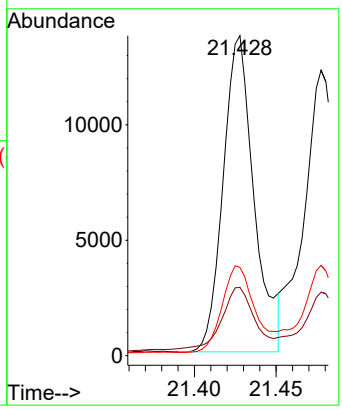


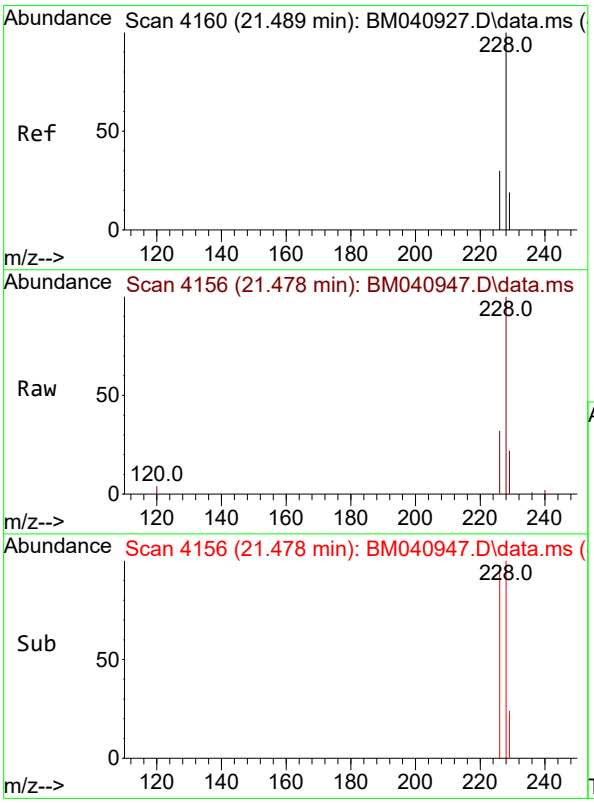
#21
Benzo(a)anthracene
Concen: 0.593 ng/ul
RT: 21.428 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 17999

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.0	24.0
226	27.6	22.3	33.5

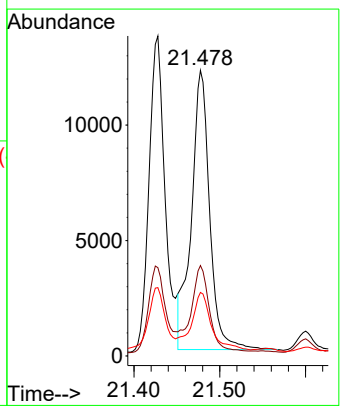


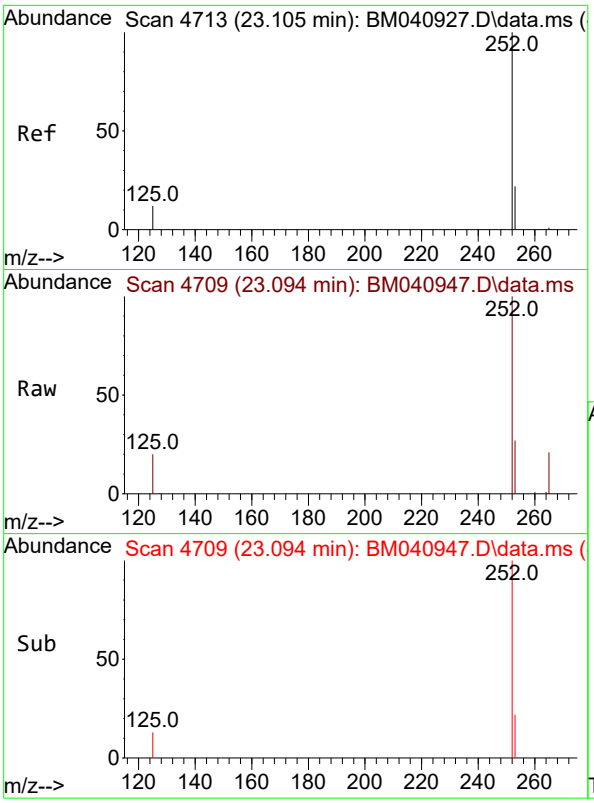


#22
Chrysene
Concen: 0.518 ng/ul
RT: 21.478 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:228 Resp: 17939

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.2	15.8	23.6



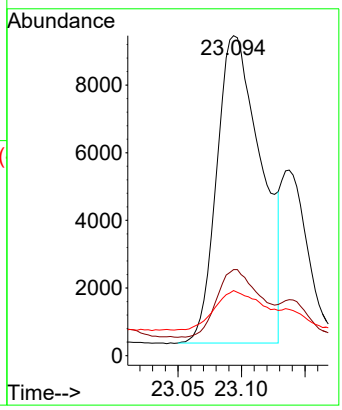


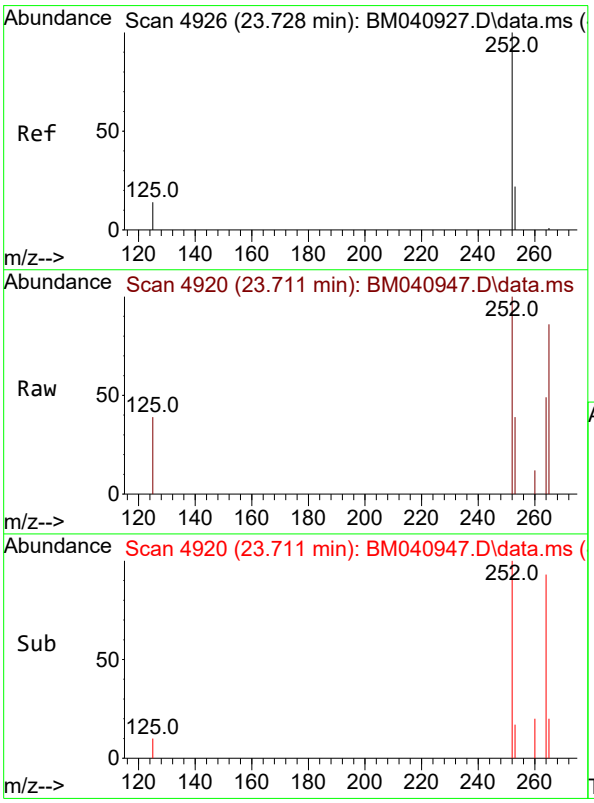
#24
Benzo(b)fluoranthene
Concen: 0.584 ng/ul
RT: 23.094 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 22142

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	52.8
125	20.3	0.0	43.0

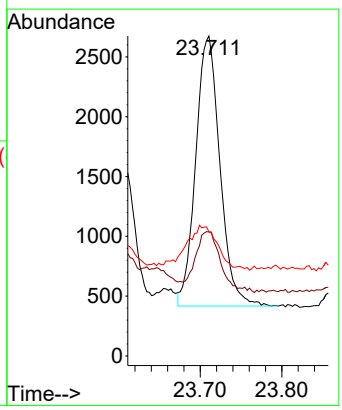


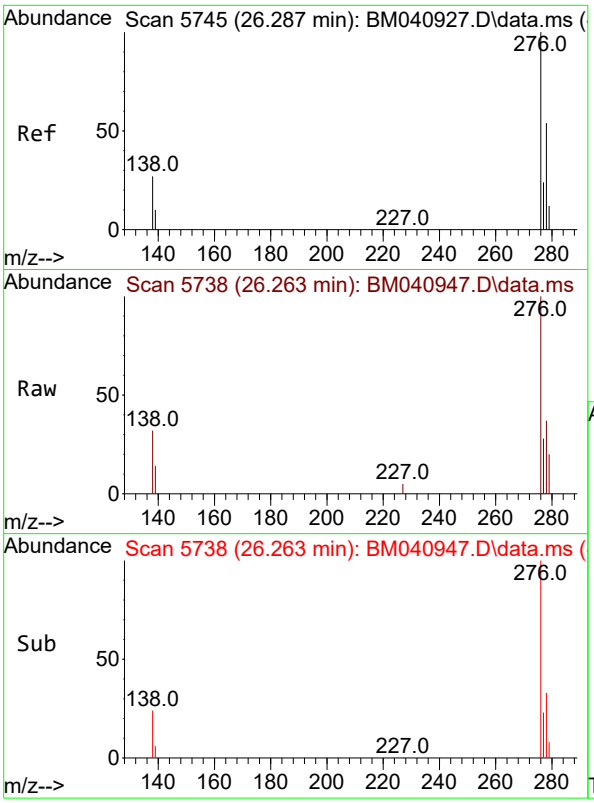


#26
Benzo(a)pyrene
Concen: 0.136 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.003 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:252 Resp: 4649

Ion	Ratio	Lower	Upper
252	100		
253	38.8	22.9	34.3#
125	38.8	21.0	31.4#



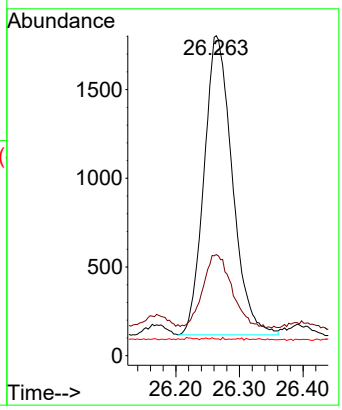


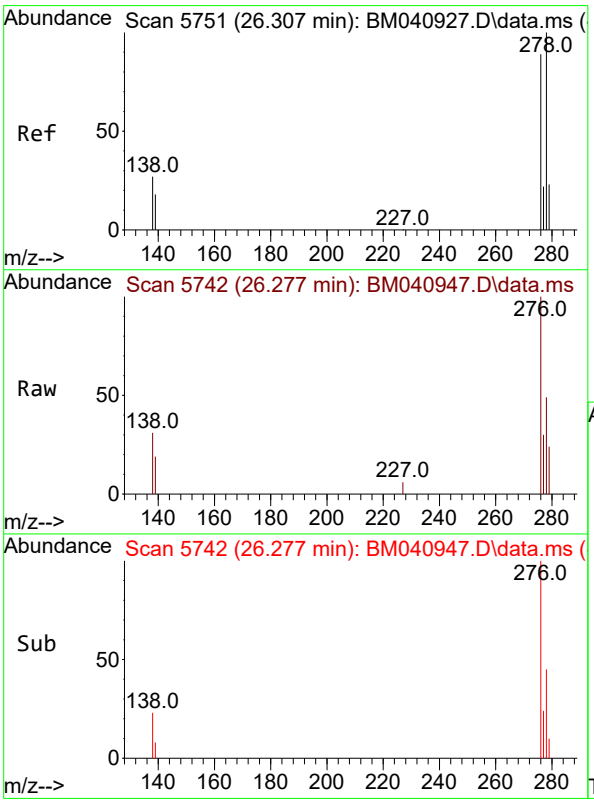
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.263 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 5214

Ion	Ratio	Lower	Upper
276	100		
138	25.5	24.5	36.7
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.007 min
Lab File: BM040947.D
Acq: 18 Jul 2023 09:42

Tgt Ion:278 Resp: 2324

Ion	Ratio	Lower	Upper
278	100		
139	38.0	17.9	26.9#
279	49.5	22.0	33.0#